FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL AGRICULTURAL CENSUS COMMISSION

ETHIOPIAN AGRICULTURAL SAMPLE ENUMERATION, 2001/02(1994 E.C.)

RESULTS FOR Amhara Region

STATISTICAL REPORT ON

LIVESTOCK AND FARM IMPLEMENTS

PART IV

Addis Ababa
May ,2003

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FOREWORD

An agricultural census, which would serve as a source of a benchmark data for the sector has not been conducted in Ethiopia. However, in order to provide basic agricultural information to data users, annual agricultural sample surveys have been carried-out since 1980/81 by the Central Statistical Authority (CSA). Although, these annual sample surveys have some limitations in terms of scope, coverage and level of disaggregation, these surveys have served as a means of narrowing the data gap in the sector.

Considering the importance of the agricultural sector and the need for a comprehensive data, the CSA has requested the concerned government authority to initiate the undertaking of a National Agricultural Census several times. That is, it has submitted a project proposal immediately after the launching of the 1984 National Population and Housing Census. Moreover, it has also attempted to materialize this census in late 1980's and in early 1990's i.e. immediately after the undertaking of the 1994 National Population and Housing Census. The attempt continued till CSA got a positive response from the government in 1998. Hence, the CSA has been carrying out the Agricultural Census preparatory activities from September 1999, to August 2001.

Thus, in order to overcome the above-mentioned limitations on the data generated from the Annual Agricultural Sample Surveys and provide a benchmark data on the agriculture sector, the CSA launched the fieldwork of the first ever Ethiopian Agricultural Sample Enumeration in September 2001. Prior to launching the sample enumeration a number of preparatory activities such as the preparation of the census documents, undertaking the pretests and the pilot censuses, ...etc were also carried-out.

The 2001/02 Ethiopian Agricultural Sample Enumeration was launched under the auspices of the Ethiopian Agricultural Census Commission that was set up

under Proclamation No. 238/2001. The Commission is chaired by the Prime Minister and the members of the Commission are drawn from various relevant Federal Ministries and other government organizations. The Central Statistical Authority serves as the Secretariat Office of the Commission. Hence the collection, processing, evaluation and analysis of the census data as well as its dissemination are the responsibilities of this office.

The 2001/02 Ethiopian Agricultural Sample Enumeration is a huge nation wide operation, which could not be undertaken by a single organization. Hence, in order to enhance and facilitate the census enumeration activities Regional, Zonal, and Wereda Census Commissions have been established and Census Committies were set-up at Kebele levels. In the conduct of this census, full cooperation and assistance of governmental and non-governmental organizations, external donor agencies and the public in general have been obtained.

It is worth mentioning that the 2001/02 Crop Production Forecast Report, which is the first phase of the Agricultural Census was prepared, printed and disseminated to agricultural data users in December, 2001.

On the other hand, the census data on area under crop, production and yield of temporary crops consisted of cereals, pulses, oil seeds, vegetables and root crops for Meher Season was processed, compiled, evaluated and a report has been prepared and printed. This report entitled as a "Report on the Preliminary Results of Area, Production and Yield of Temporary Crops" (Meher Season, Private Peasant Holdings) is the Second Census Report so far published printed and disseminated to agricultural data users in October, 2002. It should be noted that during the census, huge sets of data on agriculture and related topics were collected. Given the limited resources (skilled manpower, computers...) available at the head quarters, data processing and summarization of results require quite longer period, than originally expected.

Since the release of the above mentioned Census Preliminary Report, the CSA, have put all the necessary efforts and made all the available resources, (skilled manpower computers,...) at the disposal of the census data processing activities. Consequently, the Authority has reached a stage where the agricultural census data processing activities have advanced to a stage where the data can be evaluated, reports can be prepared and released at regional levels and eventually at national level.

Thus, the Agricultural Census Report on Amhara Region is the fifth series of this census report. This regional report is a comprehensive one and it consists all the agricultural data collected during the 2001/02 Ethiopian Agricultural Sample Enumeration. These data include: the socio-economic characteristics of the population in agricultural households; land use; area, production and yield of temporary and permanent crops; farm management practices; livestock, poultry and beehives; and farm implements, draught animals and storage facilities. Similar comprehensive reports for the other regions will follow and would be released consecutively.

The Office of the Ethiopian Agricultural Census Commission would like to thank all government and non-government agencies who participated in the organization of the census, the supervision of the field work, the data collection, and the respondents who participated in providing the necessary census data. The Ethiopian government has given huge financial and unreserved administrative support in undertaking the 2001/02 Ethiopian Agricultural Sample Enumeration. This indicates the continuous commitment and high priority offered by the Ethiopian Government for the development of the agricultural sector statistics as well as the other socio-economic and demographic statistics.

Finally, the Office would also like to take this opportunity to express its many thanks to the United States Agency for International Development (USAID) for its generous financial and technical assistance for the census. Moreover, thanks are due to the European Union (EU) for its financial assistance and the British Department for International Development (DFID) for its material assistance for the census.

Abdulahi . Hassen (Ph.D.)

Member and Secretary,

Central Agricultural Census Commission

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CHAPTER I

BACKGROUND

1. INTRODUCTION

A nation has to feed its people adequately to have healthy and wealthy citizens for the promotion of its development and growth. A government concerned with the well being of its people and aiming at the rectification of the national economy makes agriculture its top priority for the achievement of the above goals. Policy making and decision taking are essential in this regard. But there are recognized constraints such as the availability of adequate and comprehensive statistical data on agriculture that guides policies and decisions for attaining development targets in the agricultural sector.

In recognition of these constraints, and in an effort to provide accurate, reliable and timely data on the nation's agriculture that policies and decisions entail, the Central Statistical Authority (CSA) has been conducting annual agricultural sample surveys since 1980/81 (1973 E.C.). As a result, data on area, production and yield of major crops, farm management practices, land use, livestock, poultry and beehives have been produced at country, regional and zonal levels for both Meher and Belg seasons on a yearly basis.

Despite this effort, the economic policy has recently focused on agricultural sector and data users became more sophisticated demanding for various data in greater detail on timely basis, with improved accuracy and reliability and highly disaggregated to levels where project planning and implementation take place. Hence, the existing data that has resulted from the regular annual agricultural sample survey could not meet these demands. Accordingly, these needs led the CSA to reappraise the agricultural data it has produced so far and realized the gap between the demand for agricultural data and the data supplied is widening. Thus, as an organization situated between the data and its users, the CSA was prompted by the gravity of the demand for more detailed data to embark upon a census of agriculture in the year 2001/02 and narrow the existing data gap.

Development and monitoring of the agricultural sector require data on a wide range of indicators. A census of agriculture is the leading source of such data. It provides an image of a nation's farming and agricultural activity at a particular point in time (an agricultural production year) for the data disaggregated at the lowest level of reporting.

In Ethiopia, prospects and policies regarding agriculture have evolved significantly over recent years. Economic problems have been the major factor in development and implementation of these policies and programs. The agricultural policies and programs are targeted at ensuring that food crops will be made available to those who need it and don't obtain enough of it or guaranteeing everyone access to safe and nutritious food. To put it in a nutshell: it is to create and maintain food security. The realization of this goal requires the implementation of the policies and programs at woreda level and make available agricultural statistics at corresponding administrative level. It is against this background that the census was conducted to monitor the trends and the changing patterns in agricultural production with the acquisition of agricultural statistics at wereda, zonal, regional and country levels.

2. OBJECTIVES OF THE CENSUS

There are fundamental problems prevailing in the agricultural sector that are especially affecting the rural population and often perceived as the maladies of the Ethiopian economy. In order to solve these problems gradually but steadily, the Ethiopian government has been developing various agricultural programs and schemes. To effect these programs and meet other objectives, the census is the appropriate method of data collection for providing much needed and more detailed statistical information on agriculture.

2.1 The general objectives are to: -

- Provide benchmark data on the structure of agriculture for planning, policy making and other uses during intercensal years,
- Provide detailed data at lower administrative level,

- Use the census as a vehicle for developing the national agricultural statistics system,
- Secure data for items whose production is limited (rare crops),
- Secure benchmark data for improving the annual agricultural sample survey in the future,
- Make use of the census experience and trained personnel for capacity building and strengthening the Ethiopian Statistical Authority in the field of agricultural statistics, and
- Develop data bank with facility for updating consistency checks and retrieval of data in various forms tailored to the needs of the users.

2.2 The specific objectives are to provide: -

- Basic information on the country's agriculture to the government for formulating and implementing timely food security measures and to alert policy makers about the food situation in the country,
- Information to the government to develop and monitor farm programs, study historical trends, appraise current conditions and plan for the future,
- Information for the government to design and allocate funding for extension service projects, and
- Data for the private sector in order to execute the effective production and distribution system in the agricultural sector.

This report presents the Agricultural Sample Enumeration results for Amhara Regional State. It comprises of eight chapters: Chapter I presents the Background and the Objectives of the Census, Chapter II discusses the Census Methodology and Operations which is composed of Scope and Coverage of the Census, Sampling Frame, Sample Design, Sample Selection, Organization of Field Work, Training of Field Staff, Method of Enumeration, Concepts and Definitions and Data Processing. Chapter III deals with Socio-Economic Characteristics of the Population in Agricultural Households . Chapter IV covers Land Utilization and Chapter V deals with Area and Production of Crops and Crop Utilization .

Moreover, Chapter VI treats Farm Management Practices. Further, in Chapter VII of this report, Size, Characteristics and Purpose of Livestock and Livestock Products are discussed. Finally, in Chapter VIII the census results are presented on Farm Implements, Draught Animals and Storage Facilities.

As given above, the Agricultural Census report for Amhara Regional State constitutes eight Chapters presented on over three thousand pages. Hence, it is neither possible nor comfortable to the reader to present it as a single report. Accordingly, the report is presented in Four Parts with the Introductory Chapter (i.e. Chapter I) and The Census Methodology and Operations (i.e. Chapter II) as common inputs to each Part. Thus, Part I constitutes the first two common Chapters and Chapters III and IV. Part II.A consists of the first two common Chapters and Area and Production of Temporary Crops from Chapter V. Part II.B comprises of the introductory section (i.e. Section 1) and Area and Production of Permanent Crops, and Crop Utilization from Chapter V. Part III.A includes the first two common Chapters and Sections 1 to 3 of Chapter VI. Part III.B consists of the introductory section (i.e. Section 1) and Sections 4 to 8 of Chapter VI. Finally, Part IV constitutes the first two common Chapters and Chapters VII and VIII.

Also, each Part of the report encompasses Appendix I that shows the Estimation Procedures of Totals, Ratios and Sampling Errors; Appendix II gives the Number of EA's and Agricultural Households Sampled and Covered in the region by wereda; and Appendix III shows the Agricultural Sample Enumeration Questionnaires. Moreover, tables that show the Standard Errors (S.E.) and Coefficients of Variations (C.V.) are given as an annex at the end of the relevant chapters.

CHAPTER II

CENSUS METHODOLOGY AND OPERATIONS

1. INTRODUCTION

As explained in the introductory chapter of this publication, the census of Agriculture is a large-scale, periodic statistical operation for the collection of quantitative information on the structure of agriculture. Such a huge operation demands sequence of standard activities. In order to collect, process and produce reliable and internationally comparable data, the different technical procedures and operations that have to be applied during the census should follow what has been globally recommended.

Hence, this chapter highlights what has been exercised before and during the census operations in areas of subject and area coverage, census methodology, (such as sampling frame, sample design, listing and selection of primary sampling units and households), and census operations that included organization of field work, training, method of enumeration, quality control and data processing.

The scope of the agricultural census concerns the type and dimension of data to be collected. When the CSA has launched the planning of the census, it solicited the demand of data from various government and non-government organizations which are the major users of the resulting census data. The response was just overwhelming and put the CSA in an awkward position to decide on the scope. The decision on the range and extent of data items to be dealt with by the census is really hard to make given the size of the country's population engaged in agriculture, the limited human and financial resources, and the magnitude of the census work. The CSA had to strike a balance between the scope on the one hand and the available resources and time on the other hand so that there was a trade-off between the two.

Since the census of agriculture is not a frequent data collection activity, it is best suited for collecting more data on various characteristics relating to area and production of crops. It lends the opportunity of capturing as much data as possible, especially when it is conducted for the first time. But agricultural census is not a practical means of providing all data. Not all agricultural statistics can be collected through a census of agriculture. Hence, there was caution against overloading the agricultural census forms with extensive scope. Thus, with regard to the scope, the census had to be restricted to a coherent and manageable range of data items.

In this census the data collected include: demographic and economic characteristics of population in agricultural households and holders during the reference period; area, production and yield of both temporary and permanent crops harvested in the farming of Meher as well as Belg Seasons; farm management practices envisaged during both seasons; land use under major categories; and livestock, poultry and beehives. It also includes data on farm tools, implements, draught animals and storage facilities. The data collection on the production of vegetables and root crops, which was not covered by the annual agricultural sample survey, was also included in this census.

The cost of data collection is one of the most important factors in the planning and execution of a census. In a country like Ethiopia including the Amhara Region, where in addition to the problems mentioned above, transportation and communications are poor and the resources available are limited to meet the cost of a census tend to be major problems. The problem is more pronounced when deciding on the extent of census coverage.

A decision whether to carry out a complete enumeration or to plan a sample enumeration of holdings depends on the availability of resources and the level at which the census results are required. This holds true whether the results will be provided at wereda level or higher administrative hierarchies. With these constraints and extremely large number of holdings

in the country's agricultural system and considering the huge cost required and timely production of the data, with the aim of providing the results at wereda level where almost all the agriculture is undertaken by small holders, a census of agriculture on the basis of sample enumeration was adopted by the CSA. In a census that aims in securing data on more agricultural items with reasonable accuracy at wereda level, a well-defined sample enumeration is more manageable, efficient and is expected to produce equal or better quality data than a complete enumeration and is able to provide results in a more timely fashion.

Amhara is a regional state with an estimated population of 17,205 millions in July 2002 and an area of 150,173.66 sq. kms. For administrative purposes, the Region is divided into 11 zones (ten rural and one urban) and 109 weredas. Agriculture is the dominant sector in the region and biggest employer of the economically active population. The sector in the Region is further characterized by extremely small holdings, mostly private peasant holdings, dispersion of cropland holdings, traditional farming and low level of literacy among the holders.

The Amhara Region Agricultural Sample Enumeration has covered adequately representative and sufficiently large number of units (holdings) engaged in agriculture both in rural and urban areas to produce relatively reliable data at wereda level. For the purpose of this census, three farming categories have been identified: rural private holdings, urban private holdings and commercial farms. All the categories have been treated in the census on sample bases except the last one that was enumerated completely. These farming categories were enumerated at different times of the census year in order to capture the data as the events happened. The census data collection operation took about six months for Meher seasons and 2 months for Belg season to cover the rural private holdings, about 10 days to cover the urban private holdings and about one month to cover the commercial farms.

In order to improve the coverage, there has been extensive census publicity in the census operation exercise. This helped to sensitize and gain the cooperation of the respondents during data collection. In these efforts, adhoc census committees have been established and replicated to the lowest level of administration that is Farmers Associations and this helped the smooth conduct of the census and raising public awareness to achieve the intended coverage.

2. CENSUS METHODOLOGY

2.1 Scope and Coverage

The 2001/02 (1994 E.C.) Ethiopian Agricultural Sample Enumeration (EASE) was designed to cover the rural and urban parts of all weredas in the country on a large-scale sample basis. This coverage encompasses 460 weredas in 58 administrative zones of the country excluding the pastoralist areas of the Afar and Somali Regional States. In these weredas the originally selected primary sampling units amounted to 11,292 rural and 4,378 urban Enumeration Areas (EA's).These EA's were selected at wereda level to be covered in the EASE, in order to provide data on agriculture at these administrative levels in the country.

At the time of the census, Amhara Regional State consisted of ten rural zones; and one urban zone, 109 weredas (101 rural and 8 urban) and 208 towns. The rural parts of the region have a total of 15,072 EA's while the urban parts have a total of 1,609 EA's.

In the 11 zones of the region, (10 rural and one urban) all the 109 weredas (101 rural and 8 urban) were covered in the census. In these weredas, 2,525 rural EA's and 1,123 urban EA's, were sampled but EA's that were covered in the census and found to be acceptable for tabulation amounted to 2,504 in the rural areas and 1,113 EA's. in the urban areas. The remaining 21 EA's (rural) and 10 EA's (urban) were not covered in the census due to various reasons. With respect to ultimate sampling units (agricultural households), it was planned to cover 75,750 agricultural households in

rural areas and 31,655 in urban areas but about 75,037 rural and 31,312 urban agricultural households were actually covered. Based on the results of the census, for the rural parts of the region, the coverage rate of sampled EA's was 99.2 percent and the response rate of sampled agricultural households was 99.1 percent. The coverage rate was 99.0% and the response rate was 98.9% in the urban domain. The coverage of sampled EA's and agricultural households by wereda are given in Appendix II.

TABLE II:1 AREA COVERAGE OF THE 2001/02 (1994 E.C) AGRICULTURAL SAMPLE ENUMERATION IN AMHARA REGION

ZONES	NUMBER OF WEREDAS AND TOWNS BY ZONE				NUMBER OF EA'S COVERED IN THE CENSUS	
	TOTAL		COVERED IN THE CENSUS			
	WEREDAS	TOWNS	WEREDAS	TOWNS	RURAL	URBAN
North Gonder	15	35	15	35	369	169
South Gonder	9	20	9	20	224	128
North Wollo	8	12	8	12	200	80
South Wollo	15	33	15	33	373	147
North Shewa	19	37	19	37	471	165
East Gojam	13	26	13	26	321	149
West Gojam	10	21	10	21	247	129
Waghamra	3	3	3	3	75	15
Awi	5	14	5	14	125	73
Oromia Zone	4	6	4	6	99	33
Bahir Dar	-	1	-	1	-	25
TOTAL	101	208	101	208	2,504	1,113

2.2 Sampling Frame

The list of enumeration areas for each wereda was compiled from the 1994 Ethiopian Population and Housing Census cartographic work for the Amhara Region and was used as a frame for the selection of the Primary Sampling Units (PSU). The 1994 Population and Housing Census enumeration area maps of the region for the selected sample EA's were updated, and the EA boundaries and descriptions were further clarified to reflect the current

physical situation. The sampling frame used for the selection of ultimate sampling units (agricultural households) was a fresh list of households, which was prepared by the enumerator assigned in the sampled EA's using a prescribed listing instruction at the beginning of the launching of the census enumeration.

2.3 Sample Design

In order to meet the objectives and requirements of the EASE, a stratified two-stage cluster sample design was used for the selection of ultimate sampling units. Thus, in the region, each wereda was treated as stratum for which major findings of the sample census are reported. The primary sampling units are the enumeration areas and the agricultural households are the secondary (ultimate) sampling units. Finally, after the selection of the sample agricultural households, the various census forms were administered to all agricultural holders within the sampled agricultural households.

For the private peasant holdings in the rural areas a fixed number (25) of sample EA's in each wereda and 30 agricultural households in each EA were randomly selected (determined). In urban areas, weredas with urban EA's of less than or equal to 25, all the EA's were covered. However, for weredas with greater than 25 urban EA's, a sample size of 25 EA's were selected. In each sampled urban EA, 30 agricultural households were randomly selected for the census. The sample size determination in each wereda and thereby in each EA was based upon the required precision level of the major estimates and the cost consideration. The pilot survey and the previous year annual agricultural sample survey results were used to determine the required sample sizes per wereda.

2.4 Sample Selection of Primary Sampling Units

Within each wereda (stratum) in the region, the selection of EAs was carried out using probability proportional to size. In this case, size being total number of agricultural households in each EA obtained from the listing exercise undertaken in the 1994 Ethiopian Population and Housing Census of the region.

2.5 Listing of Households and Selection of Agricultural Households

In each sampled enumeration area of the region, a complete and fresh listing of households was carried out by canvassing the households in the EA. After a complete listing of the households and screening of the agricultural households during the listing operation in the selected EA, the agricultural households were serially numbered. From this list, a total of 30 agricultural households were selected systematically using a random start from the pre-assigned column table of random numbers. The sampling interval for each EA was determined by dividing the total number of agricultural households by 30. For crop cutting exercise purposes (rural domain) a total of 20 agricultural households were randomly selected from the 30 sampled agricultural households. The systematic random sampling technique was employed in this case, because its application is simple and flexible, and it can easily yield a proportionate sample.

In the urban parts of the region, 1,123 EA's in the 208 towns were covered. Then, the listing of households in each E.A. was carried-out. In the listing exercise households that are considered agricultural households were identified. Then, the agricultural households listed in the E.A. amounted upto 30, all such households were covered in the enumeration. However, if such households exceeded 30, then 30 households were systematically selected among the listed and identified agricultural households in the E.A. and were covered in the enumeration.

Estimation procedure of parameters of interest like total, yield and ratio and their sampling errors is presented in Appendix I. Standard errors and coefficient of variations of estimates for selected variables are given as an annex at the end of the relevant chapter.

3. CENSUS OPERATIONS

3.1 Organization of Field Work

The magnitude of the census operation was a challenge to the Central Statistical Authority (CSA) to organize and mobilize human, material and financial resources. But the CSA's capacity was enhanced to cope with these limitations, especially the logistics involved in the

operation by the issuance of the Agricultural Census Act and establishment of adhoc structures.

Since the census operation was too large to direct and control effectively from the Head Quarters, field organization was used as a link between the sources of data and the central office. Field organization comprised the branch statistical office in the region constituting four offices i.e. one each in Bahir Dar , Debre Birhan, Gonder and Dessie and an additional four temporary Branch Census Offices i.e. one each in Debre Markos, Debre Tabor, Weldiya and Kemisae. These eight offices were augmented with supervisors, enumerators, other support staff, logistics and the temporary structures. The temporary structures included the establishment of census committees at the regional, zonal, wereda and establishment of this committee went down to the lowest administrative hierarchies, i.e. to the peasant association levels in order to enlist support and cooperation from the local people. In addition to the committees, commendable cooperation and assistance were also extended by other governmental and non-governmental organizations in the region at different stages of the census.

The field organization was required for the data collection operations and for the strict control and supervision of the fieldwork. The enumerators were the responsible field staff for data collection. They were full time enumerators hired on a contract basis. Most of them were recruited from localities in which they were assigned to undertake the data collection activities. At country level, for census undertaking in the rural parts of the region, a total of 12,398 enumerators were recruited, trained and hired for the census data collection and 1,199 of whom were held as reserve. Moreover, for undertaking the census in the urban parts of the country, a total of 4,378 enumerators were selected from those who were hired for the rural parts of the country. Of this total, the Amhara Region had a share of 2,780 enumerators, where 255 of them were held as reserves. For undertaking the census in the urban parts of the region 1,123 enumerators were selected out of those who were assigned in the rural EA's. The enumerators had an educational background of grade 12 and above. During the data collection operation, the enumerators lived in their places of assignment i.e. the sample EA. During the census, each enumerator was accompanied by a guide and an

assistant who is familiar with the people and well informed about the agricultural practices in the area.

The CSA permanent supervisors in the region were responsible for recruitment, selection, and training of enumerators, and census supervisors. Moreover, they were responsible for supervision of data collection, remuneration, retrieving and dispatching the completed forms to their respective Branch Statistical Offices. They were also responsible for handling administrative and other technical problems. At country level, a total of 2,240 supervisors were involved in the census. The supervisor-enumerator ratio was 1:5 and supervision was carried out on regular basis. The supervision was coordinated and monitored by professional staff of the CSA. The logistics equipment of the census included programmable calculators, field compasses, measuring tapes and kitchen balances each numbering about 14,000. Moreover, it included 273 four wheel drive vehicles and numerous other instruments. Each enumerator was provided with all the necessary logistics equipment for the data collection. In Amhara Region, a total of 534 supervisors and 2,780 enumerators were involved and various field equipment were given to these field staff. The equipment used include, 44 field vehicles, 2,541 programmable calculators, 2,649 field compasses, 2,649 measuring tapes, 2,649 kitchen balances, ... etc.

3.2 Training

The success of a census operation and data quality depend on the type of training given to the enumerators and supervisors. The training helps the enumerators and supervisors secure a common understanding of the tasks to be performed and the standard procedures to be followed in census undertaking. Good data quality is assured when the training meets its objectives and the enumerators and supervisors show a sense of responsibility and enthusiasm in the exercise of the census operation.

In view of the above point, the CSA organized a two stage training programme, that is, training of trainers followed by training of the field staff. The first stage training was given at the CSA Head Quarters in Addis Ababa, to the trainers consisting of professional staff from the CSA Head Quarters and the CSA Branch Statistical Offices and other relevant

federal, regional and zonal government organizations and senior CSA supervisors. The training that lasted for 30 days, included classroom sessions, field practices and demonstrations 550 trainers took part in the training.

The first stage training was then followed by the second stage training, and it took place at country level in 47 training centers located in different zones. The training activity for the Amhara Region were held in Bahir Dar ,Debre Birhan, Gonder, Dessie, Debre Markos, Debre Tabor, Woldiya and Kemisae Towns. Extensive training was given to the field staff. The instructions in the training focused more on the procedures and techniques of data collection and the responsibility shouldered both by the enumerators and the supervisors. The instructions, details of techniques and procedures of enumeration were covered in the manual. The manual served as an instruction text and a reference guide. The rigorous theoretical training was emphasized by a series of field practice and demonstrations. After about 50 days of training and field practice, a regorous examination prepared at the census headquarters, in Addis Ababa, was given to the enumerators and supervisors at each training center. Based on the examination results only those enumerators who passed the exam were hired and assigned to their enumeration areas.

3.3 Method of Enumeration

In Ethiopia, where a significant number of the farming population live in remote and inaccessible areas, data collection is time consuming and cumbersome. The problem is further aggravated by the large number of peasant holding operators, their geographical spread, high level of illiteracy among the operators and scattered land holdings. In such a situation where the agricultural statistics system has not been fully developed, besides the above problems, the appropriate enumeration method is house to house interviewing of holders and objective measurement of their holdings and crop yields.

Accordingly, most of the information on crop area and yield was elicited from the holders through interview and the remaining information was obtained by physically measuring the data items of interest. This was done by enumerators who identified the selected holders, interviewed them, measured all their crop fields using measuring tapes, field compasses, and

scientific calculators. Moreover, they harvested and weighed the yields obtained using kitchen balances from plots of randomly selected crop fields.

As in many countries, a phased approach to the census was also used in Ethiopia in order to make the workload of manageable size and capture the data as the events unfolded. The first phase of the census was collection of data on demographic and economic characteristics of the rural peasant household; the second one was farm management practices of these rural peasant households using an interview method for both seasons. Data on crop area and yield of temporary and permanent crops was collected in the third phase of the census by visiting the farm operators and physically measuring the crop fields since the farmers are not familiar with standard units.

All crop fields of the randomly selected holders in each enumeration area were measured using the FAO recommended method. That is, first by identifying the boundaries of the fields, determining their shape which was mostly irregular and taking compass bearings of each side with respect to the north. This is followed by measuring the length of each side of the field and using a programmable calculator to arrive at both the area of the field and the closure error. The objective of arriving at the closure error is to find out how well the field was measured.

The responses to the interview and results of the measurement were recorded on a structured questionnaire. The interview method helped on the spot clarification of objectives, concepts and form of information sought from the respondents during the interview.

Since crop production is a function of area and yield, yield measurement was done using the crop-cutting method. The method involved crop-cutting from small subplots of rectangular shape of different sizes randomly placed in the selected crop field for each crop type and subsequent threshing, drying and weighing and recording the weight of the harvest. The crop cutting was performed for a sub-sample of 20 out of the 30 households selected in each

enumeration area. A 4x4 meter plot was randomly demarcated for cereals, pulses, and oil seeds and one square meter or 1 meter x 2 rows plot was designated for vegetables and root crops for the crop-cutting exercise.

The yields harvested from the plots were immediately weighed (green weight) and /or weighed again after two weeks of drying to conform to the normal holder harvesting and drying practices. The green and dry weights were recorded on the appropriate form.

Data collection activity on livestock, poultry and beehives in the rural areas; all agricultural data in urban areas; commercial farms, and farm implements including miscellaneous items were the fourth, the fifth, the sixth and the seventh phases of the census, respectively, where subjective approach was applied for all these phases. However, the Belg season area, production and farm management practices data, which was the eighth phase of the census, involved both objective and subjective methods, i.e., fields under temporary crops were objectively measured while the production and farm management practices data were collected by interviewing the sample agricultural holders.

3.4 Census Forms And Field Equipment

3.4.1 Census Forms

Forms and equipment are instrumental in gathering information from various sources. The census forms are the vehicle and basic document for collecting the desired data. These include general-purpose forms covering farm management practices, demographic and economic characteristics, area, production of both temporary and permanent crops; livestock, poultry and beehives, ...etc. These forms are formulated for recording data generated through interview as well as objective measurements.

Although the planning, organization and execution of the census were the responsibilities that rested within the CSA, development of the census forms was a tedious task that involved the formation of a working group composed of members of government and non-government organizations who are major users of agricultural data. Members of the working group were given the opportunity to identify their data requirements, define the

needs of others and determine the specific questions that the forms should contain. The working group included the staff of the organizations that are involved in agricultural planning, collection of agricultural statistics and the use of data within the agricultural sector.

The working group designed different forms for the various data items on crop area, production, and other variables of interest to meet the needs of current data users and also considered the future expectations. Attempt was made to make the content of the forms of acceptable length by distributing the variables to be collected in the different census forms. As can be observed in the census questionnaires presented in Appendix III, the rural census questionnaires/forms include:-

- The listing forms 94/0 and 94/1 that are used to record all households in the enumeration area, identify the agricultural households and select the units to be covered by the census.

- Form 94/2 is developed to list all the members of the sampled agricultural households and record the demographic and economic characteristics of each of the members.

- Forms 94/3A, 94/3B, 94/3C and 94/3D *[1] are prepared to enumerate crop data through interview and objective measurement.

- Form 94/5 is designed to record crop area data via the physical or objective measurement of crop fields.

- Form 94/6 is used to list all the fields under crop and select a crop field for each type of crop randomly for crop cutting exercise.

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* *Form 94/4 was the questionnaire used for collecting data on crop production forecast for 2001/02 and the data collected using this form was published in December 2001*

- Forms 94/7A, 94/7B, and 94/7C are developed for recording yield data on cereals, oil seeds, pulses, vegetables root crops and permanent crops by weighing their yields obtained from sub-plots and/or trees selected for crop-cuttings.

- Form 94/8 is prepared to enumerate livestock, poultry and beehives data by type, age, sex and purpose including products through interview (subjective approach).

- Forms 94/9, 94/10 and 94/11 are used to collect data on crop and livestock product usage; miscellaneous items and farm tools, implements, draught animals and storage facilities, in that order, by interviewing the sample holders.

- The last but not least forms are the Belg season questionnaires identified as :- 94/12A and 94/12B that are used to record data on farm management practices of the season subjectively, while 94/12C is for recording Belg season crop area through objective measurement and volume of production through interview approach.

- On the other hand, the census questionnaires/forms used in the urban areas include:-

- Form U-94/1 which used to record all households in the EA, identify the agricultural households and select the units to be covered by the census.

- Form U-94/2 is developed to list all the members of the sampled agricultural household and record the demographic and economic characteristics of each of the members.

- From U-94/3 is prepared to enumerate crop data through interview method.

- Form U-94/4 is prepared to enumerate livestock, poultry and beehives data by type, sex, age and purpose including products through interview (subjective approach).

- Form U-94/5 is used to collect data on crop and livestock usage.

The clarity of the forms was reinforced by the enumerators' as well as the supervisors' instruction manuals that dealt with an extensive elaboration on data collection with regard to the variables in the various forms.

3.4.2 Field Equipment

A census of agriculture involves the coverage of a large number of variables. Moreover, most of the data (variables) needed are of quantitative nature. But, as in most developing countries where illiteracy is high, in Ethiopia and thereby in the region, holders neither keep the records of the size of their holdings' and amount of their crop production, nor do they know standard units to measure the size of land they operate and volume of crop they produce. Under such circumstances, collecting data only through an interview has many limitations and it is not easy for an enumerator to obtain relatively accurate information on the volume of production and area under crops.

In order to overcome these shortcomings in the census, quantitave data on area under crop and yield of crops have been collected through objective measurements from designated plots of crop field. Fields under crops were measured by compass traversing. That is, by measuring the lengths of the sides of each crop field and taking compass bearings. Measuring tapes each 20-50 meters, compasses with a half degree precision, metal pegs and programmable calculators for computing the area were used. Besides the above equipment, balance scales and bags made of cloth were used for yield measurements and drying. Area and yield measurements were the most cumbersome and time consuming aspects of the census as the enumerators had to visit all the fragmented and scattered crop fields of the holders.

3.5 Quality Control in Data Collection

The quality of official agricultural statistics should be relatively high in order to provide maximum benefit to users. The CSA, as a producer of statistics, has been concerned about the quality of the data right from the conception of the agricultural census. It has made

every endeavor to maintain the data quality by lending more attention to those aspects of the census that affect the quality of the data.

Nearly all census activities starting from the designing of the questionnaires to data processing have significant impact on the quality of data. Efforts have been put into each activity of the census to assure data quality. Forms were designed sufficiently in advance of the commencement of the census enumeration in the field in order to have ample time for pre-testing, under-taking the pilot census and providing training to the enumerators. The forms were pre-tested in different parts of the country for about three times in addition to their application in the pilot census. Concepts and definitions used in the forms were expounded in the instruction manual. Attempts were made to formulate the questions with clarity and logical order. Questions about different subjects were written on different forms to avoid the mix of issues and restrict the length of the forms.

An enumerators' instruction manual was prepared and used as a training and reference guide to help the enumerators in understanding clearly all the details and procedures followed in the census and answer questions raised during the interviews. It contained questions on the forms with explanations, concepts, definitions, techniques of interviewing, duties and obligations of enumerators. A separate instruction manual was also prepared for supervisors in a similar fashion to all intents and purposes of supervision.

Training and supervision are also factors that affect data quality. The standard of training given to enumerators and supervisors is well reflected in the census results. With this in mind, the CSA offered a rigorous and thorough training to the enumerators and supervisors. Ample time has been allotted to it to help the trainees grasp the theoretical and practical aspects of data collection. The training sessions were repeatedly supplemented by field practice and demonstrations to reinforce the trainees understanding of the course. A written examination was given to all the trainees to screen and assign the best ones for the census. The supervisors have had a separate training in supervision in which the responsibilities of supervisors, field supervision, checking and editing completed forms and preparations of progress reports were reiterated. The supervisors reviewed the enumerators' work, re-

interviewed samples of holders and re-measured samples of fields as part of supervision to verify the enumerators' work.

Data quality is also contingent on the cooperation and willingness of the holders to provide the desired information. In order to seek the cooperation of the holders (respondents) promotional efforts have been made using the electronic and print media. Thus, regarding the census publicity, poems, dramas and other programs were presented on the country's TV, Radio and the Press. The CSA prepared, customized and distributed census materials such as brochures, fact sheets, posters, caps with census emblem, calendars and other items to relevant institutions and government officials. Moreover, with respect to the progress of the census operations, CSA gave a number of press releases to foster public support and cooperation. Branch offices and supervisors worked with local officials and adhoc committees to obtain written and verbal support of the census operations in their speeches and public appearances.

3.5.1 Concepts and Definitions

Information on all items of agriculture is not useful until the items are distinctly defined and understood. The procedure of stating data items and related terms is a prerequisite for making standards and definitions for collection and compilation of agricultural data. The intent of using standard concepts and definitions is not only to provide quality data but also to ensure that the right items are enumerated and measured accurately to reflect the agricultural situation.

Standard concepts and definitions used in a census setup provide clear linkages between various tables of the census and previous surveys and maintain consistent enumeration and measurement of variables of interest. To this end, the CSA has put a lot of efforts into communicating concepts and definitions to the census field staff through training and instruction manuals. The concepts and definitions used in the census were made to conform to the FAO standard with a slight adaptation of a few of them to suit the agricultural situation in Ethiopia. The concepts and definitions used in the census included the following: -

Enumeration Area (EA): an enumeration area in the rural parts of the country is a locality that is in most of the cases less than and only in some cases equal to a farmers' association in geographical area and usually consists of 150-200 households.

Household: a household may be either:

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

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

Agriculture: the growing of crops and/or raising of animals for own consumption and/or sale.

Agricultural Household: a household is considered an agricultural household when at least one member of the household is engaged in growing crops and/or raising livestock in private or in combination with others.

Holding: a holding is all the land and/or livestock kept, which is used wholly or partly for agricultural production and is operated as one legal entity by one person alone, or with others without regard to management, organization, size or location.

Holder: a holder is a person who exercises management control over the operation of the agricultural holding and makes the major decision regarding the utilization of the available resources. He/she has primary technical and economic responsibility for the holding. He/she may operate the holding directly as an owner or a manager. Under conditions of

traditional agricultural holding the holder may be regarded as the person, who with or without the help of others, operates land and/or raises livestock in his/her own right, i.e. the person who decides on which, where, when, and how to grow crops or raise livestock or both and has the right to determine the utilization of the products.

Parcel: a parcel of holding is any piece of land entirely surrounded by land and/or water and/or road and/or forest, . . .etc which is not part of the holding. It may consist of one or more cadastral units, plots or fields adjacent to each other.

Field: a field is defined as any plot of land which is a parcel or part of a parcel under the same or mixed crops or any other form of private holding.

Crop: includes cereals, pulses, oilseeds, vegetables, root crops, fruits, coffee, enset, chat, hops, sugar cane, cotton, tobacco, . . . etc produced for food, making drinks, stimulation and making fabrics or clothings.

Crop production: the processes of growing and harvesting of the above crops for own consumption and/or sale.

Temporary Crops/Annual: Annual temporary crops are crops which are grown in less than a year's time, sometimes only a few months with an objective to sow or replant again for additional production following the current harvest. Continuously grown crops planted in rotation are also considered as temporary crops since each is harvested and destroyed by ploughing in preparation for each successive crop.

Permanent Crops: Crops which are grown and occupy land for a long period of time, not requiring replanting for several years after each harvest, are considered as permanent crops. All fruit trees (i.e., oranges, mandarin, banana, ...etc.) and trees for beverages (i.e., coffee, tea, Gesho, ... etc.) are considered permanent crops but meadows and pastures are excluded.

Meher (main) Season Crop: any crop harvested between Meskerem (September) and Yekatit (February) is considered as Meher season crop.

Belg Season Crop: Any crop harvested during the months of March (Megabit) and August (Nehase) is considered to be Belg season crop.

Fallow Land: land which has been or intended to be kept at rest for at least one agricultural year and a maximum idleness of less them five years is considered fallow land.

Grazing Land: Land used for growing herbaceous forage crops, either through cultivation or naturally is considered to be grazing land.

Wood Land: All tracts of timber, natural or planted as part of the holding, which has a value as wood, timber, other wood products and/or used for protection. Forest land used for recreational purposes would not be included as Wood land.

Other Land Uses: Land occupied by the holders' houses and/or buildings, parking areas, gardens, barn, wells and ponds would be included as other land uses.

Irrigated Area: refers to the area of land purposely and actually provided with water, other than by rain, for improving the production of crops. The uncontrolled flooding of land by the over flow of rivers or streams is not categorized as irrigation practice although sometimes farmers use this incidence for production.

Improved Seed: is defined as crop variety which gives significantly higher yield, better quality and/or better benefit compared to traditional varieties of seeds, and usually produced by the Ethiopian Seed Enterprise (ESE) in Ethiopia.

Fertilizer: refers to anything added to the soil intended to increase the amount of plant nutrients available for crop growth. Usually, fertilizers are divided into two parts, natural and commercial. Examples of natural fertilizers are farmyard manure, wood ashes,...etc.,

while commercial fertilizers are DAP (Di- Ammonium Phosphate), UREA (Ammonium Nitrate), …etc.

Pesticides: pesticides are chemicals useful for mitigation, control or elimination of pests which are troublesome or harmful to crops. Insecticides, herbicides and fungicides are all considered as pesticides.

Draught Animal: Refers to animals that are engaged in activities such as ploughing, threshing, …etc

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

Milking Cow: Refers to cows actually milked during the reference period, i.e. February 10, 2001 to February 9, 2002.

Laying Hens: Refers to all hens and pullets of all types which have laid eggs during the reference period, i.e., Feb 10, 2001 to Feb 9,2002.

Extension Package Programs: Are outreach programs operating in rural areas for private holdings aiming to transfer modern agricultural technologies to increase crop and livestock productivity.

4. DATA PROCESSING

4.1 Editing, Coding and Verification

In the 2001/2002 Ethiopian Agricultural Sample Enumeration (EASE), the filled-in forms that were retrieved from 47 Branch Statistical Offices were primarily received and systematically registered at the documentation unit of the CSA head quarters in Addis Ababa. Before launching the actual editing and coding activities, the Natural Resources and Agricultural Statistics Department staff gave adequate training to the 157 editors and coders.

These editors and coders carried out the manual editing, coding and verification of the filled-in EASE questionnaires in two shifts.

At the outset, the editing and coding activities for the filled-in forms on area and agricultural practices took place, this was followed up by the editing and coding of the forms on the production of temporary crops (cereals, pulses, oil seeds, vegetables and root crops), livestock, farm implements, permanent crops, Belg and miscellaneous questionnaires region by region. For the filled-in forms on area and agricultural practices, verification was carried out on 100% basis for the first five weeks from the launching of the activity and then considering the quality performance of editor-coders the activity was dropped to 66% of the forms gradually. On the other hand, the verification activity has been carried out on 100% basis for the filled-in forms on production of the temporary and permanent crops, livestock, farm implements and all other completed forms.

For Amhara region, the editing, coding and verification of the filled-in forms in general took about 69.7 working days. That is, the editing, coding and verification of the filled-in forms for area, agricultural practice, the production of the temporary and permanent crops, and livestock took about 43.7 working days, while that of the filled-in forms on farm implements, demographic characteristics, Belg season and the urban forms took around 26 working days.

4.2 Data Entry, Cleaning and Tabulation

About 144 data encoders were assigned to undertake the data entry activity of 2001/02 EASE and it has been carried out on two-shift basis. Before the starting of the data entry operation data encoders were trained for about 5 days using computer programs developed by the Data Processing Department staff. The Programmers prepared the data entry programs using CENTRY, which is a data entry module of IMPS (Integrated Microcomputer Processing System).

The data entry exercise has been carried out using 76 personal computers (PC's). Like that of the manual editing and coding activity, the filled-in forms on area and agricultural

practices were entered first and this was followed by entry of the filled-in forms on the production of temporary crops, livestock, farm implements, permanent crops, Belg and miscellaneous questionnaires region by region.

In order to ensure the quality of the data entry work, verification exercise was carried out. The entry of the filled-in forms on area and agricultural practices were verified on 100 % basis. Then the verification exercise was dropped to 66 % from the 6th week of the launching of the operation and was further reduced to 50% from the 10th week onwards by observing and assessing the magnitude of the percentage of errors. Later on verification process was carried out on 100% basis for the filled-in forms on the production of temporary and permanent crops, livestock, farm implements and all other completed forms. The verification activity was carried out through the process of re-entering the data.

For Amhara region, the whole data entry process of the filled-in forms on area, agricultural practice, the production of the temporary and permanent crops, and livestock took around 56.4 working days, while that of the filled-in forms on farm implements, demographic characteristics, Belg season and the urban forms took about 52 working days.

Data entered into the computer needs to be checked for completeness, consistency and validity. For this purpose computer edit programs were prepared by programmers using CONCOR, which is the editing module of IMPS. Using print-outs from these programs and referring to the filled-in census forms, corrections were made by nine trained manual data cleaning technicians. Moreover, nine other data-cleaning computer operators were involved in making the actual corrections of the data on the computer.

Additionally, an intermediate set of instructions or programs were made available and applied on the data to prepare information suitable for tabulation. These programs were prepared using CSPro and IMPS softwares. Like IMPS Software, CSPro is used as a tool for entering, editing and tabulating data. CSA used the CSPro software for data editing and calculation of CVs.

Data made ready for tabulation through the process of cleaning and intermediate programs was finally used to generate the required tables. This was done using tabulation programs developed by the senior programmers of the Data Processing Department. The CENTS software, a tabulation component of IMPS, was used in producing the 2001/02 EASE results.

5. MEASURES OF PRECISION

These are measures that indicate the variable error that may be expected in the estimates derived from the sample. The common measures are variances, standard errors and coefficients of variation (CV). Out of these measures, the results of standard errors and coefficients of variation of estimates for selected variables are presented as an annex at the end of each chapter.

For comparing the variability of different crop estimates or of the same crop estimates in different reporting domains, the coefficient of variation (the standard deviation expressed as a percentage of the estimate), should be used since it is a unit-less measure.

In general, estimates with CV less than 30% are considered as reliable estimates (assuming no bias). Estimates between the ranges of 30% to 50% CV's are considered less reliable and users are advised to use them cautiously. This is due to the fact that the higher the CV the more unreliable the estimate will be. Estimates with CV greater than 50% are not shown or were suppressed, and instead they are marked with asterisk (*), because these estimates (with CV > 50%) are not reliable to be used for any demand.

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 by-products in the form of meat, milk, honey, eggs, cheese, and butter supply the needed animal protein that contribute to the improvement of the nutritional status of the people. Livestock also plays an important role in providing export commodities, such as live animals, hides, and skins to earn foreign exchanges to the country. On the other hand, draught animals provide power for the cultivation of the 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. By 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 Amhara 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 Amhara Region are presented in Summary Table VII.1. As shown on the table, the total cattle population for the region is estimated to be 10,512,777. Out of this total cattle population, the male cattle constitute about 50.2 percent (5,273,390) and the remaining 49.8 percent (5,239,386) are female cattle. The majority (98.5 percent) of the cattle population is found in rural areas, while very small proportion is accounted for urban areas (1.5 percent).

Regarding age groups, the majority of the cattle population (that is about 61.8 percent) is in the 3 years and under 10 years age category, with about 31.0 percent male and about 30.8 percent female. Moreover, about 32.1 percent are under three years and small portion, which is 6.1 percent, is over 10 years (also see Fig VII.1).

On the other hand, according to the results obtained, 99.5 percent of the total cattle in the region are local breeds and the remaining are hybrid and exotic breeds that accounted for 0.4 percent and 0.1 percent, respectively.

The distribution of cattle by purpose is indicated in the same table. Among cattle aged 3 years and under 10 years, those used for draught purposes accounted for 48.7 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	10,512,777	100.0	5,273,390	50.2	5,239,386	49.8	10,360,069	98.5	5,217,764	49.6	5,142,304	48.9	152,708	1.5	55,626	0.5	97,082	0.9
Under 6 months	930,663	8.9	455,625	4.3	475,038	4.5	910,788	8.7	445,531	4.2	465,257	4.4	19,875	0.2	10,094	0.1	9,781	0.1
6 months - under 1 year	885,430	8.4	434,475	4.1	450,954	4.3	869,041	8.3	426,600	4.1	442,440	4.2	16,389	0.2	7,875	0.1	8,514	0.1
1 year - under 3 years	1,555,397	14.8	742,801	7.1	812,595	7.7	1,529,858	14.6	731,918	7.0	797,940	7.6	25,539	0.2	10,883	0.1	14,655	0.1
3 years – under 10 years	6,496,378	61.8	3,258,405	31.0	3,237,973	30.8	6,411,534	61.0	3,233,762	30.8	3,177,772	30.2	84,844	0.8	24,643	0.2	60,201	0.6
10 years and older	644,909	6.1	382,084	3.6	262,826	2.5	638,848	6.1	379,953	3.6	258,896	2.5	6,061	0.1	2,131	0.0	3,930	0.0
Cattle by Breed																		
Total	10,512,777	100.0	5,273,390	50.2	5,239,386	49.8	10,360,069	98.5	5,217,764	49.4	5,142,304	48.9	152,708	1.5	55,626	0.5	97,082	0.9
Indigenous	10,457,103	99.5	5,250,765	49.9	5,206,338	49.5	10,315,954	98.1	5,197,917	0.2	5,118,037	48.7	141,149	1.3	52,848	0.5	88,301	0.8
Hybrid	44,073	0.4	19,142	0.2	24,930	0.2	41,975	0.4	18,729	0.0	23,245	0.2	2,098	0.0	413	0.0	1,685	0.0
Exotic	11,602	0.1	3,483	0.0	8,118	0.1	2,141	0.0	1,118	49.6	1,022	0.0	9,461	0.1	2,365	0.0	7,096	0.1
Aged 3 – 10 Years by Purpose																		
Total	6,496,378	100.0	3,258,405	50.2	3,237,973	49.8	6,411,534	98.7	3,233,762	49.8	3,177,772	48.9	84,844	1.3	24,643	0.4	60,201	0.9
Used for Milk	1,062,228	16.4			1,062,228	16.4	1,031,765	15.9			1,031,765	15.9	30,463	0.5			30,463	0.5
Used for Draught	3,165,524	48.7	3,079,655	47.4	85,869	1.3	3,144,404	48.4	3,058,916	47.1	85,488	1.3	21,120	0.3	20,739	0.3	381	0.0
Used for Beef	51,138	0.8	32,287	0.5	18,851	0.3	49,621	0.8	31,213	0.5	18,408	0.3	1,517	0.0	1,074	0.0	443	0.0
Used for Breeding	2,061,826	31.7	92,960	1.4	1,968,865	30.3	2,033,092	31.3	91,385	1.4	1,941,706	29.9	28,734	0.4	1,575	0.0	27,159	0.4
Used for Other	155,663	2.4	53,503	0.8	102,160	1.6	152,652	2.3	52,248	0.8	100,404	1.5	3,011	0.0	1,255	0.0	1,756	0.0
Dairy Animals																		
Dairy Cows	1,062,228	100.0			1,062,228	100.0	1,031,765	97.1			1,031,765	97.1	30,463	2.9			30,463	2.9
Milking Cows	1,927,861	100.0			1,927,861	100.0	1,885,422	97.8			1,885,422	97.8	42,439	2.2			42,439	2.2

FIGURE VII.1 DISTRIBUTION OF CATTLE BY AGE AND SEX

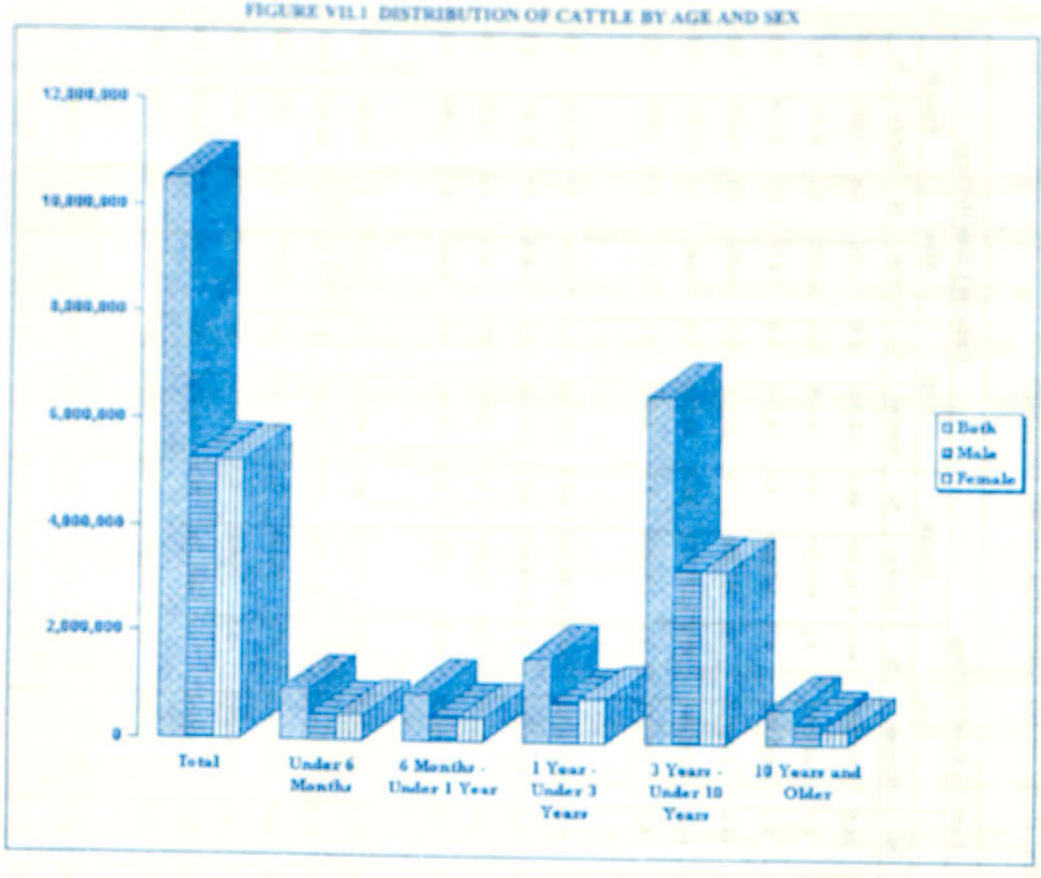
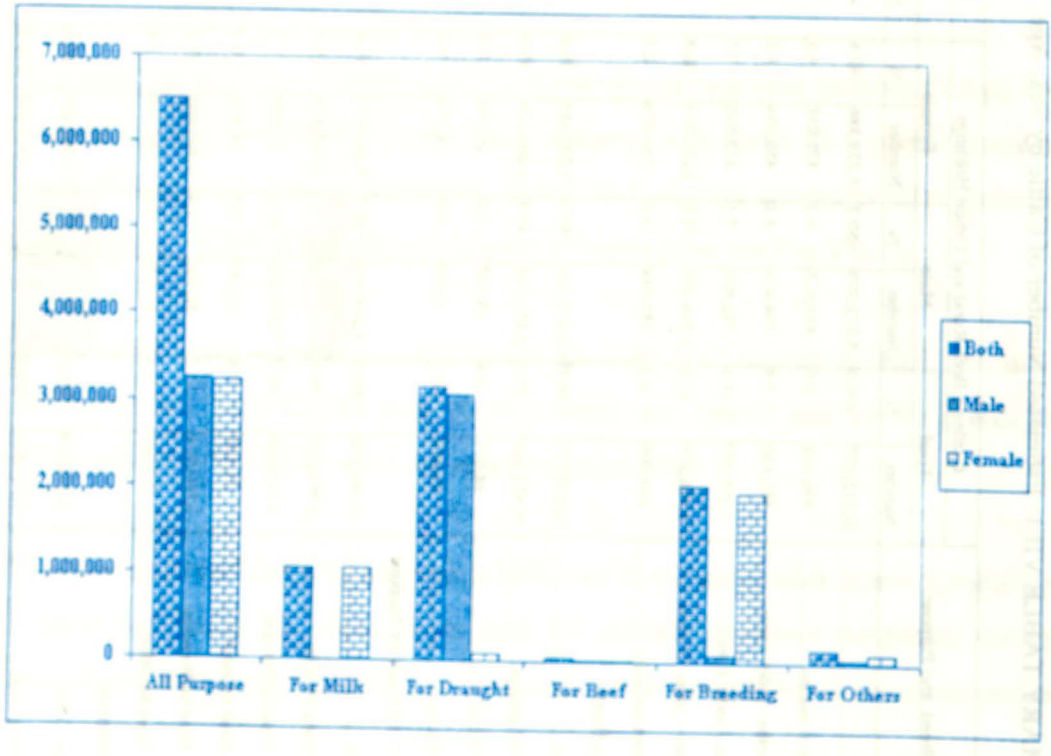


FIGURE VII.2 DISTRIBUTION OF CATTLE AGED 3 AND UNDER 10 YEARS BY PURPOSE AND SEX



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-cows[1] is estimated to be about 1,062,228 and milking-cows[2] are about 1,927,861.

As to zonal level cattle distribution, North Gonder Zone took the major share, compared with the other zones in the region, that is 18.42 percent. South Wollo, West Gojam, and South Gonder also contributed significant portions, 13.98 percent, 13.31 percent, 12.02 percent, and 11.25 percent in that order (See Figure VII.9). The rest lies between 0.05 percent and 10.0 percent. 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 5,320,330 sheep are estimated to be found in the region, out of which about 74.1 percent are females, and about 25.9 percent are males. Moreover, according to the census result, the number of goats is reported in the region is estimated to be about 3,815,859. Out of these total goats, 66.9 percent are females and 33.1 percent are males (See Summary Table VII.2 and Fig. VII.3).

Among these totals reported in the region, 98.3 percent of the sheep and 99.6 percent of the goats are found in the rural areas. Urban areas accounted for only 1.7 percent and 0.4 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 (51.6 percent and 46.8 percent, in that

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[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.*

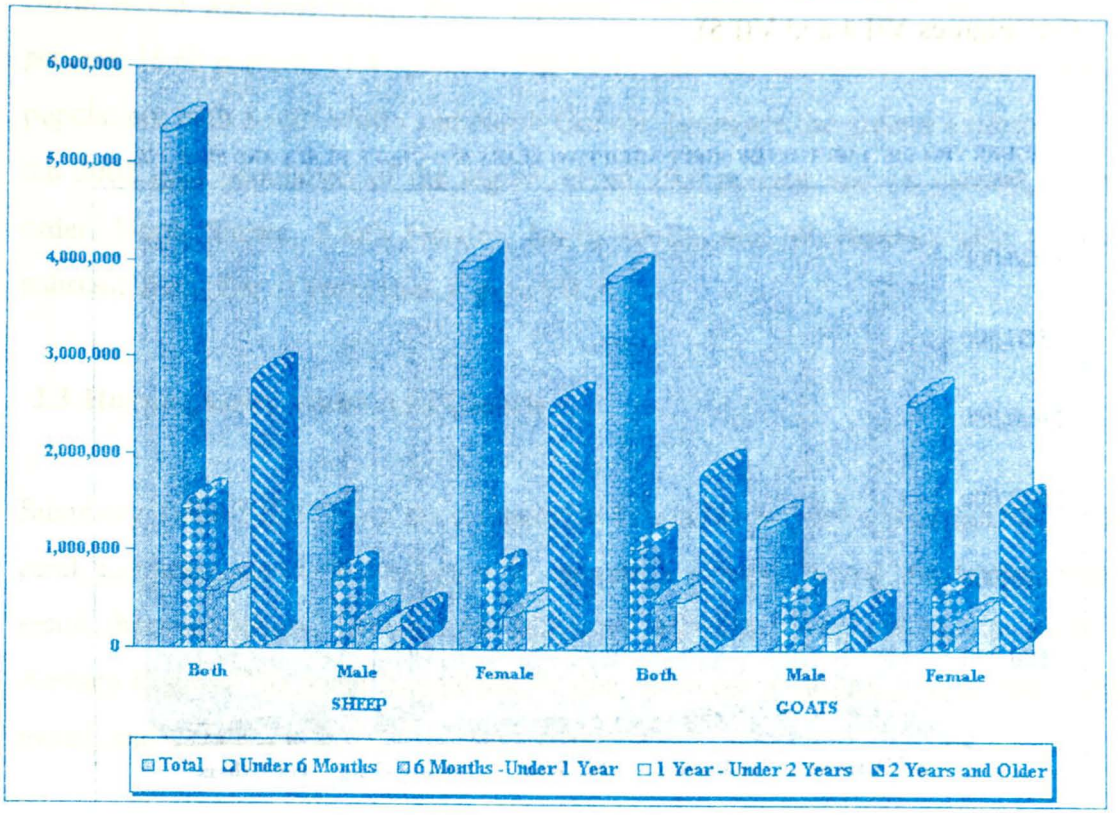
[2] *A Milking Cow refers to any type of cow that actually milked during the reference period (Feb. 9, 2001 to Feb. 8, 2002).*

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	5,320,330	100.0	1,375,857	25.9	3,944,473	74.1	5,232,302	98.3	1,346,534	25.3	3,885,768	73.0	88,028	1.7	29,323	0.6	58,705	1.1
Under 6 months	1,433,060	26.9	702,372	13.2	730,689	13.7	1,410,747	26.5	690,736	13.0	720,011	13.5	22,313	0.4	11,636	0.2	10,678	0.2
6 months - under 1 year	578,055	10.9	238,477	4.5	339,578	6.4	566,960	10.7	232,514	4.4	334,446	6.3	11,095	0.2	5,963	0.1	5,132	0.1
1 year - under 2 years	562,033	10.6	160,843	3.0	401,189	7.5	551,701	10.4	156,198	2.9	395,503	7.4	10,332	0.2	4,645	0.1	5,686	0.1
2 years and older	2,747,180	51.6	274,165	5.2	2,473,016	46.5	2,702,893	50.8	267,086	5.0	2,435,807	45.8	44,287	0.8	7,079	0.1	37,209	0.7
Sheep by Breed																		
Total	5,320,330	100.0	1,375,857	25.9	3,944,473	74.1	5,232,302	98.3	1,346,534	25.3	3,885,768	73.0	88,028	1.7	29,323	0.6	58,705	1.1
Indigenous	5,310,274	99.8	1,372,212	25.8	3,938,064	74.0	5,223,758	98.2	1,343,335	25.2	3,880,424	72.9	86,516	1.6	28,877	0.5	57,640	1.1
Hybrid	8,221	0.2	2,943	0.1	5,278	0.1	7,167	0.1	2,691	0.1	4,476	0.1	1,054	0.0	252	0.0	802	0.0
Exotic	1,835	0.0	704	0.0	1,131	0.0	1,377	0.0	509	0.0	868*	0.0	458	0.0	195	0.0	263	0.0
Sheep Aged 2 Years and Older by Purpose																		
Total	2,747,180	100.0	274,165	10.0	2,473,016	90.0	2,702,893	98.4	267,086	9.7	2,435,807	88.7	44,287	1.6	7,079	0.3	37,209	1.4
Used for Mutton	130,577	4.8	108,107	3.9	22,470	0.8	125,249	4.6	103,439	3.8	21,810	0.8	5,328	0.2	4,668	0.2	660	0.0
Used for Wool	14,302	0.5	2,512	0.1	11,791	0.4	14,071	0.5	2,484	0.1	11,588	0.4	231	0.0	28	0.0	203	0.0
Used for Breeding	2,541,107	92.5	122,214	4.4	2,418,893	88.1	2,502,942	91.1	120,231	4.4	2,382,711	86.7	38,165	1.4	1,983	0.1	36,182	1.3
Used for Other	61,195	2.2	41,333	1.5	19,862	0.7	60,631	2.2	40,933	1.5	19,698	0.7	564	0.0	400	0.0	164	0.0
Total Goats	3,815,859	100.0	1,264,090	33.1	2,551,769	66.9	3,800,802	99.6	1,259,382	33.0	2,541,420	66.6	15,057	0.4	4,708	0.1	10,349	0.3
Under 6 months	1,033,918	27.1	507,609	13.3	526,309	13.8	1,029,997	27.0	505,600	13.2	524,397	13.7	3,921	0.1	2,009	0.1	1,912	0.1
6 months - under 1 year	489,624	12.8	226,338	5.9	263,286	6.9	487,653	12.8	225,443	5.9	262,210	6.9	1,971	0.1	895	0.0	1,076	0.0
1 year - under 2 years	506,265	13.3	186,101	4.9	320,164	8.4	504,436	13.2	185,418	4.9	319,018	8.4	1,829	0.0	683	0.0	1,146	0.0
2 years and older	1,786,052	46.8	344,041	9.0	1,442,010	37.8	1,778,717	46.6	342,920	9.0	1,435,796	37.6	7,335	0.2	1,121	0.0	6,214	0.2
Goats by Breed																		
Total	3,815,859	100.0	1,264,090	33.1	2,551,769	66.9	3,800,802	99.6	1,259,382	33.0	2,541,420	66.6	15,057	0.4	4,708	0.1	10,349	0.3
Indigenous	3,815,399	100.0	1,263,947	33.1	2,551,451	66.9	3,800,456	99.6	1,259,258	33.0	2,541,198	66.6	14,943	0.4	4,689	0.1	10,253	0.3
Hybrid	*	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	-	-
Exotic	*	*	*	*	*	*	*	*	-	-	*	*	*	*	*	*	*	*
Goats Aged 2 Years and Older by Purpose																		
Total	1,786,052	100.0	344,041	19.3	1,442,010	80.7	1,778,717	99.6	342,920	19.2	1,435,796	80.4	7,335	0.4	1,121	0.1	6,214	0.3
Used for Milk	79,306	4.4			79,306	4.4	79,257	4.4			79,257	4.4	49	0.0			49	0.0
Used for Meat	222,601	12.5	199,948	11.2	22,654	1.3	221,701	12.4	199,257	11.2	22,444	1.3	900	0.1	691	0.0	210	0.0
Used for Breeding	1,439,748	80.6	120,194	6.7	1,319,554	73.9	1,433,479	80.3	119,818	6.7	1,313,660	73.6	6,269	0.4	376	0.0	5,894	0.3
Used for Other	44,397	2.5	23,900	1.3	20,497	1.1	44,280	2.5	23,845	1.3	20,435	1.1	117	0.0	55	0.0	62	0.0

* Their CVs are greater than 50 percent

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



order), followed by the young stock under six months for both sheep and goats, that is about 26.9 percent and 27.1 percent, respectively (See Figure VII.3).

With respect to breed, almost all of the sheep and the goats are indigenous (99.8 percent and nearly 100 percent, in that order).

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, 2,541,107 (92.5 percent) are kept for breeding; about five percent for mutton and only half a percent of the sheep were kept for wool production. Likewise, amid the goat population aged two years and older, goats kept for breeding accounted for about 80.6 percent (1,439,748) while goats kept for meat accounted for about 12.5 percent. The number of goats kept for milking is

estimated to be 79,306 that is 4.4 percent of the total goats aged two years and older (See Figures VII.4 and VII.5).

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

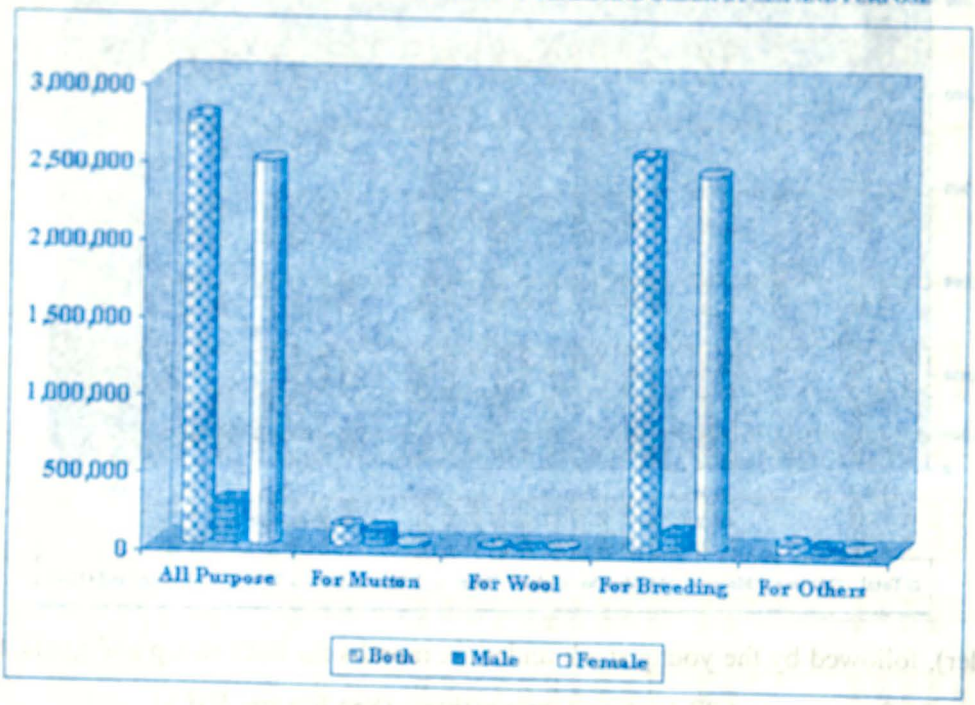
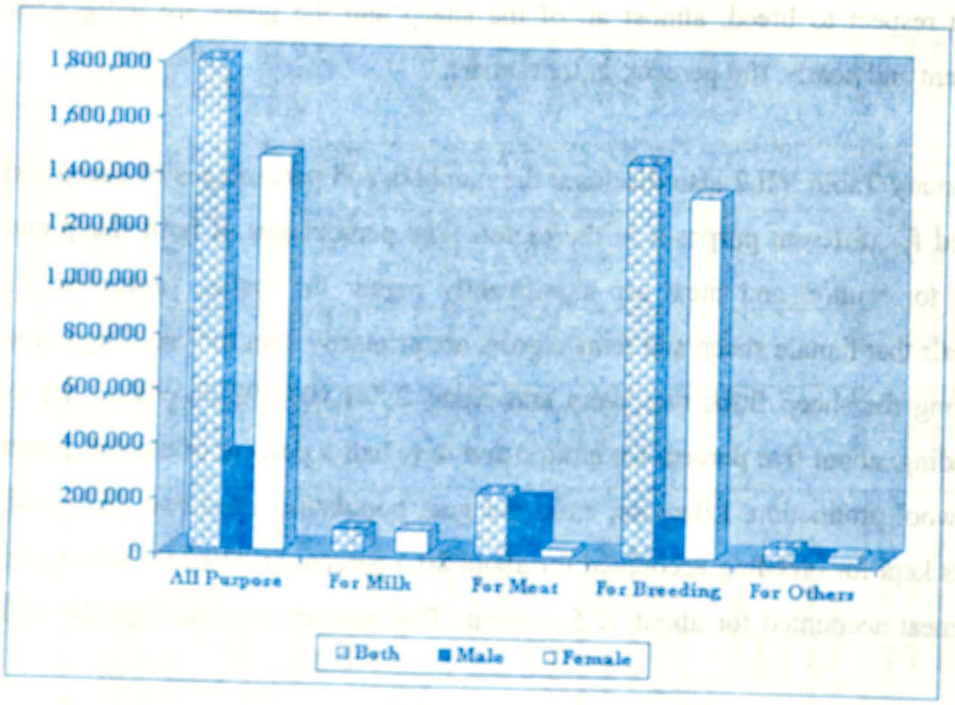


FIGURE VII.5 DISTRIBUTION OF GOATS AGED TWO YEARS AND OLDER BY SEX AND PURPOSE



The numbers and percentage distributions of sheep and goats at zonal and wereda levels are given in the Statistical Tables. Accordingly, South Wollo, North Shewa, North Wollo, and East Gojam Zones reported considerable portions, which are 27.99 percent, 16.69 percent, 11.47 percent, and 11.11 percent, respectively. Regarding goat population, both South Wollo and North Gonder Zones are the greater contributors to the 2002 goat population of the region, about 19.0 percent and 18 percent, in that order. North Shewa, South Gonder, North Wollo, and Waghamera also reported substantial number of goats (See Figure VII.9).

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 306,443 horses, 1,465,021 asses, 105,515 mules, and 28,475 camels in Amhara Region. The result as well shows that very high proportions of horses, asses, mules, and camels are found in the 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, 58.6 percent are females and the remaining 41.4 percent are males. With respect to age distribution, the majorities of the horses, asses and mules are of the age group 3 years and older. Furthermore, 88.8 percent of the camels are of the age group 4 years and older.

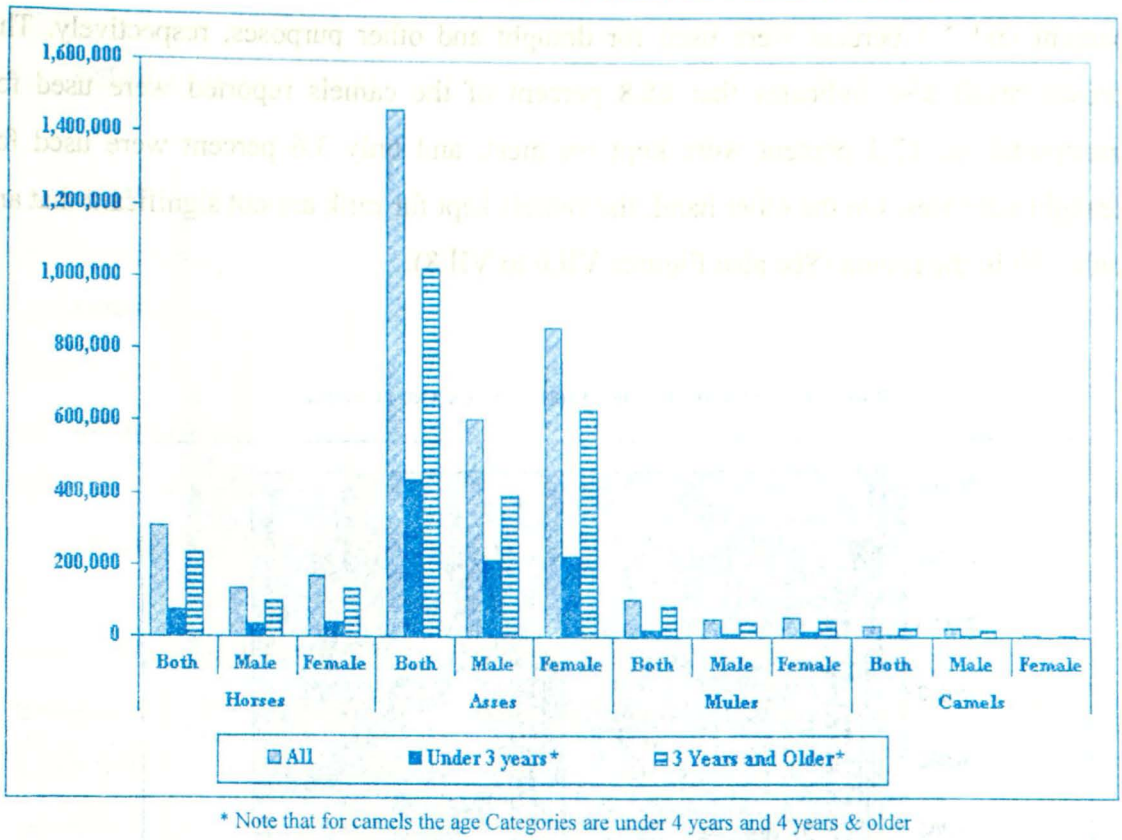
The estimates of these animals (aged 4 years and older for camels and aged 3 years and older for others) by sex and purpose are also given in Summary Table VII.3. As indicated in the table, among the horses aged 3 years and older, 111,672 (48.1 percent) were used for draught, 69,950 (30.1 percent) were used for transportation, and the remaining 50,731 (21.8 percent) were used for other purposes. With regard to asses, about 73.3 percent were used for transportation whereas 22.1 percent of them were used for draught purposes and only 4.6 percent of them were used for other purposes.

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	306,443	100.0	135,257	44.1	171,186	55.9	304,205	99.3	133,577	43.6	170,628	55.7	2,238	0.7	1,680	0.5	558	0.2
Under 3 Years	74,090	24.2	35,776	11.7	38,314	12.5	73,840	24.1	35,623	11.6	38,217	12.5	250	0.1	153	0.0	97	0.0
3 years and older	232,353	75.8	99,480	32.5	132,873	43.4	230,366	75.2	97,954	32.0	132,412	43.2	1,987	0.6	1,526	0.5	461	0.2
Horses Aged 3 Years and																		
All Uses	232,353	100.0	99,480	42.8	132,873	57.2	230,366	99.1	97,954	42.2	132,412	57.0	1,987	0.9	1,526	0.7	461	0.2
Transportation	69,950	30.1	40,370	17.4	29,580	12.7	68,800	29.6	39,349	16.9	29,451	12.7	1,150	0.5	1,021	0.4	129	0.1
Draught	111,672	48.1	57,342	24.7	54,330	23.4	111,124	47.8	56,922	24.5	54,202	23.3	548	0.2	420	0.2	128	0.1
Other Uses	50,731	21.8	1,768	0.8	48,963	21.1	50,442	21.7	1,683	0.7	48,759	21.0	289	0.1	85	0.0	204	0.1
Total Asses	1,465,021	100.0	606,238	41.4	858,783	58.6	1,453,894	99.2	598,767	40.9	855,127	58.4	11,127	0.8	7,471	0.5	3,656	0.2
Under 3 Years	439,383	30.0	213,426	14.6	225,957	15.4	437,610	29.9	212,443	14.5	225,167	15.4	1,773	0.1	983	0.1	790	0.1
3 years and older	1,025,639	70.0	392,813	26.8	632,826	43.2	1,016,285	69.4	386,325	26.4	629,960	43.0	9,354	0.6	6,488	0.4	2,866	0.2
Asses Aged 3 Years and																		
All Uses	1,025,639	100.0	392,813	38.3	632,826	61.7	1,016,285	99.1	386,325	37.7	629,960	61.4	9,354	0.9	6,488	0.6	2,866	0.3
Transportation	751,654	73.3	304,600	29.7	447,054	43.6	744,986	72.6	299,973	29.2	445,013	43.4	6,668	0.7	4,627	0.5	2,041	0.2
Draught	226,833	22.1	76,805	7.5	150,028	14.6	224,850	21.9	75,467	7.4	149,383	14.6	1,983	0.2	1,338	0.1	645	0.1
Other Uses	47,151	4.6	11,408	1.1	35,743	3.5	46,448	4.5	10,885	1.1	35,563	3.5	703	0.1	523	0.1	180	0.0
Total Mules	105,515	100.0	48,679	46.1	56,836	53.9	103,991	98.6	47,920	45.4	56,071	53.1	1,524	1.4	759	0.7	765	0.7
Under 3 Years	21,387	20.3	8,849	8.4	12,538	11.9	21,304	20.2	8,814	8.4	12,490	11.8	83	0.1	35	0.0	48	0.0
3 years and older	84,128	79.7	39,830	37.7	44,298	42.0	82,687	78.4	39,106	37.1	43,581	41.3	1,441	1.4	724	0.7	717	0.7
Mules Aged 3 Years and																		
All Uses	84,128	100.0	39,830	47.3	44,298	52.7	82,687	98.3	39,106	46.5	43,581	51.8	1,441	1.7	724	0.9	717	0.9
Transportation	72,931	86.7	32,677	38.8	40,254	47.8	71,787	85.3	32,144	38.2	39,643	47.1	1,144	1.4	533	0.6	611	0.7
Draught	9,244	11.0	6,479	7.7	2,765	3.3	9,170	10.9	6,429	7.6	2,741	3.3	74	0.1	50	0.1	24	0.0
Other Uses	1,952	2.3	674	0.8	1,278	1.5	1,730	2.1	533	0.6	1,197	1.4	222	0.3	141	0.2	81	0.1
Total Camels	28,475	100.0	23,775	83.5	4,700	16.5	27,793	97.6	23,093	81.1	4,700	16.5	682	2.4	682	2.4		
Under 4 Years	3,202	11.2	3,072	2.9	130*	0.1	3,144	11.0	3,014	10.6	130	0.5	58	0.2	58	0.2		
4 years and older	25,274	88.8	20,704	19.6	4,570	4.3	24,650	86.6	20,080	70.5	4,570	16.0	624	2.2	624	2.2		
Camels Aged 4 Years and																		
All Uses	25,274	100.0	20,704	81.9	4,570	18.1	24,650	97.5	20,080	79.4	4,570	18.1	624	2.5	624	2.5		
Meat	4,371	17.3	54*	0.2	4,317	17.1	4,371	17.3	54*	0.2	4,317	17.1						
Milk	149*	0.6			149*	0.6	149*	0.6			149*	0.6						
Transportation	16,619	65.8	16,593	65.7	26*	0.1	16,168	64.0	16,142	63.9	26*	0.1	451	1.8	451	1.8		
Draught	902	3.6	824	3.3	78*	0.3	803	3.2	725	2.9	78*	0.3	99	0.4	99	0.4		
Other Uses	3,233	12.8	3,233	12.8			3,159	12.5	3,159	12.5			74	0.3	74	0.3		

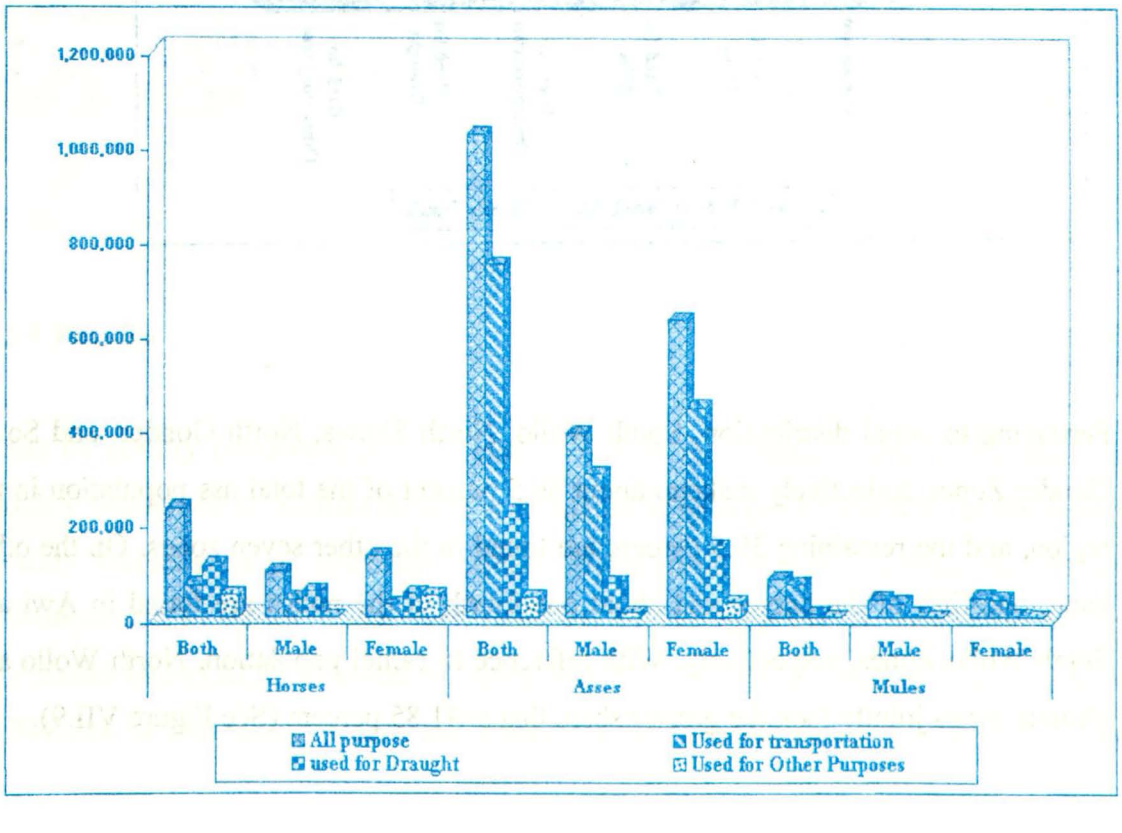
* Their CVs are greater than 50 percent

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



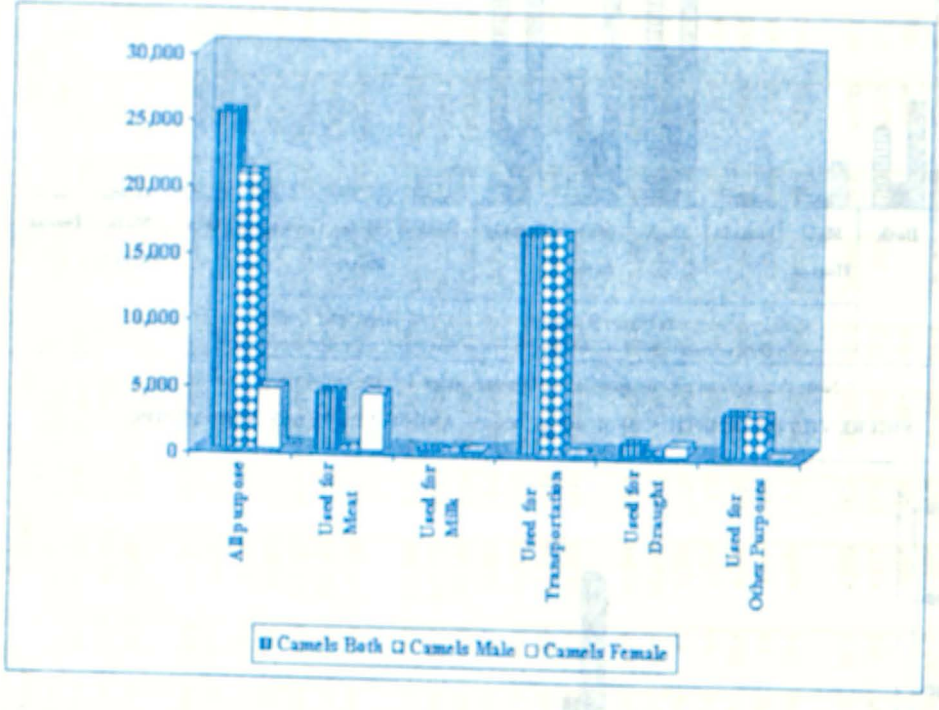
* Note that for camels the age Categories are under 4 years and 4 years & older

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



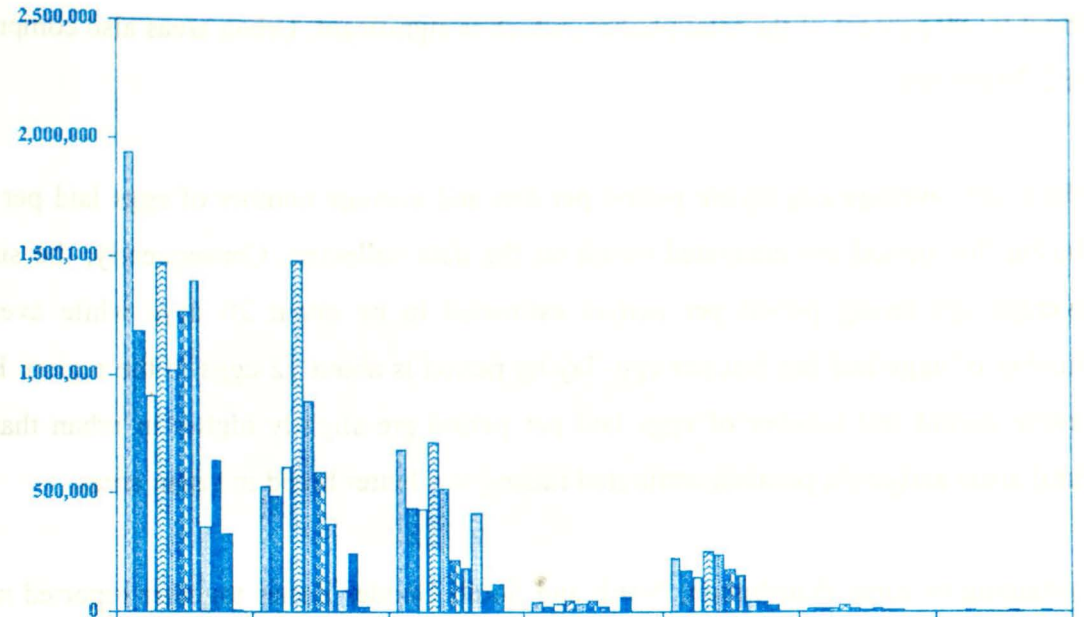
As to the mules, 86.7 percent of them were used for transportation and the others 11.0 percent and 2.3 percent were used for draught and other purposes, respectively. The census result also indicates that 65.8 percent of the camels reported were used for transportation, 17.3 percent were kept for meat, and only 3.6 percent were used for draught purposes. On the other hand, the camels kept for milk are not significant that are only 149 in the region (See also Figures VII.6 to VII.8).

FIGURE VII.8 DISTRIBUTION OF CAMELS BY SEX AND PURPOSE



Pertaining to zonal distribution, South Wollo, North Shewa, North Gonder, and South Gonder Zones collectively makeup about 60.5 percent of the total ass population in the region, and the remaining 39.5 percent are found in the other seven zones. On the other hand, one-fifth of the horses and about one-fourth of the mules are found in Awi and South Wollo Zones, respectively. With reference to camel population, North Wollo and Oromia zones jointly took the greater share that is 41.85 percent (See Figure VII.9).

FIGURE VII.9 DISTRIBUTION OF LIVESTOCK BY ZONE



	Cattle	Sheep	Goats	Horses	Asses	Mules	Camels
North Gonder	1,936,543	524,087	682,264	38,236	223,116	12,474	792
South Gonder	1,182,912	486,212	438,975	23,269	171,041	12,832	2,728
North Wollo	910,763	610,341	429,284	32,027	141,934	10,600	6,233
South Wollo	1,469,751	1,489,247	720,544	48,484	252,841	27,426	3,274
North Shewa	1,021,040	888,095	517,431	33,085	238,716	11,009	3,170
East Gojam	1,263,726	591,329	215,761	50,633	178,838	9,199	905
West Gojam	1,399,492	372,879	181,795	19,366	148,180	12,054	4,811
Waghamera	355,055	86,328	417,737	211	42,970	4,154	48
Awi	638,869	248,566	91,959	61,074	39,419	4,479	830
Oromia	326,825	20,969	119,590	58	27,737	977	5,685
Bahirdar	7,801	2,277	518	0	228	309	0

2.4 Poultry

Data on poultry population are collected as part of the livestock census, and the total poultry population in Amhara Region is estimated to be about 13,434,878. 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.10, most of the poultry are chicks (6,261,813), followed by laying hens (3,156,655). Pullets are estimated to be 1,368,218 in the region. Cocks and cockerels are also estimated separately, and are

1,090,532 and 934,863, respectively. The others are non-laying hens that make up 4.64 percent (622,799) of the total poultry population in the region. Rural areas constitute about 97.80 percent of the total poultry, which is significant. Urban areas also comprised of 2.20 percent.

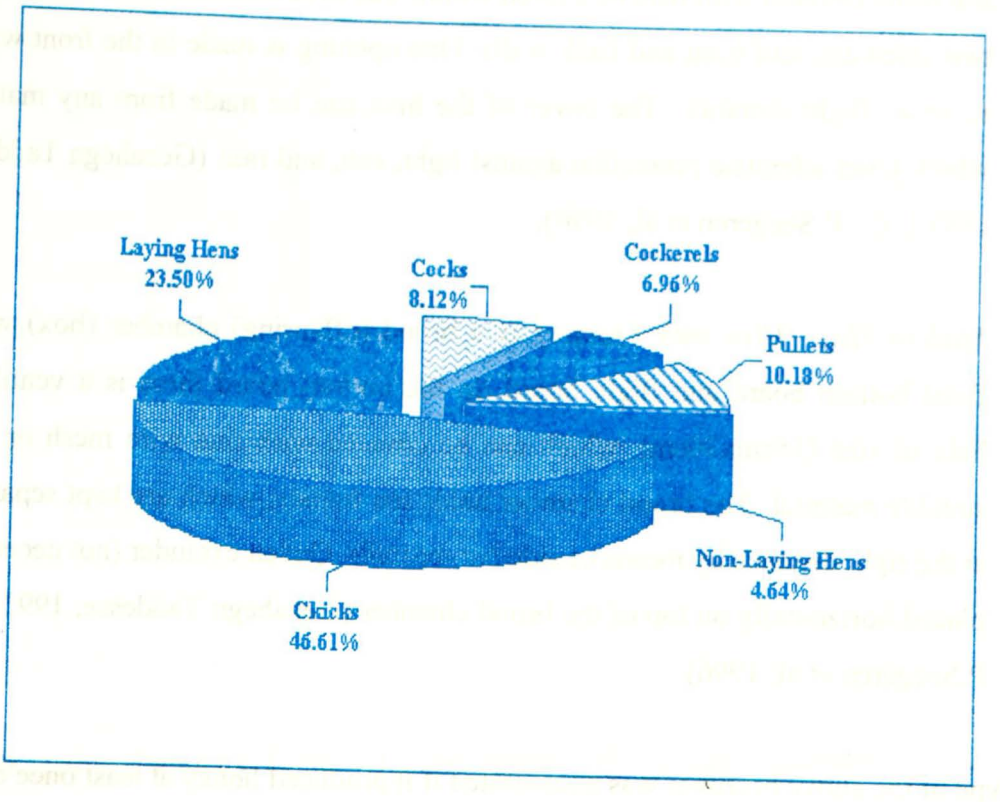
Moreover, average egg-laying period per hen and average number of eggs laid per hen during this period are estimated based on the data collected. Consequently, the single average egg-laying period per hen is estimated to be about 20 days while average number of eggs laid per hen per egg- laying period is about 12 eggs in the region. Egg-laying period and number of eggs laid per period are slightly higher in urban than in rural areas and could possibly attributed raising to a better breed in urban areas.

Pertaining to zonal distribution, North and South Gonder Zones together reported more than one-third of the total poultry. South and North Wollo Zones also contributed about 23 percent to the region's poultry population while West and East Gojam Zones attributed to about one-fifth of the total poultry population (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	13,434,878	100.00	13,139,592	97.80	295,286	2.20
Cocks	1,090,532	8.12	1,072,778	7.99	17,754	0.13
Cockerels	934,863	6.96	914,751	6.81	20,112	0.15
Pullets	1,368,218	10.18	1,335,721	9.94	32,497	0.24
Non-Laying Hens	622,799	4.64	596,514	4.44	26,285	0.20
Chicks	6,261,813	46.61	6,150,775	45.78	111,038	0.83
Laying Hens	3,156,655	23.50	3,069,054	22.84	87,601	0.65
Average Number Days/Clutch	20		20		22	
Average Eggs/Hen/Clutch	12		12		14	

FIGURE VII.10 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 Taddesse, 1993 E.C.; P.Seegeren et al, 1996).

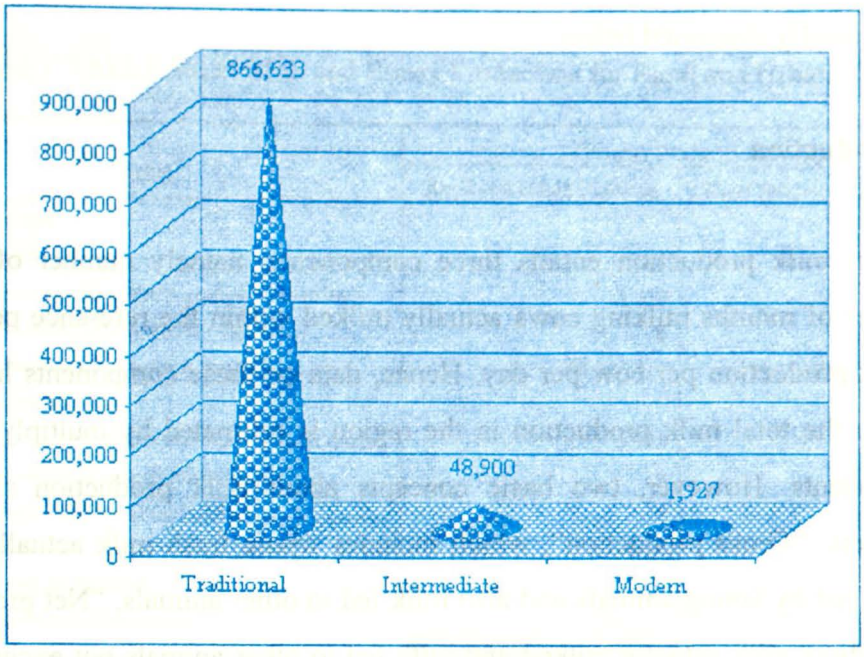
Modern Hive [Hive with Frames] is a brood (offspring) chamber (box) with a fixed bottom board and flight board. In the bottom board there is a ventilation hole of size (15cmx30cm), which can be covered with fine wire mesh or other suitable material. The brood chamber holds ten frames, which are kept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

Any type of the above beehives was enumerated if it produced honey at least once during the reference period (February 9, 2001 to February 8, 2002). Accordingly, the result of the census revealed that a total of 917,460 hives is estimated to be found in rural and urban areas of Amhara Region. From this total hives, 866,633 (94.46 percent) are traditional hives, 48,900 are intermediate hives, and the remaining 1,927 are modern 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	917,460	100.00	870,322	94.86	47,138	5.14
Traditional Beehives	866,633	94.46	865,433	94.33	1,200	0.13
Intermediate Beehives	48,900	5.33	3,004	0.33	45,896	5.00
Modern Beehives	1,927	0.21	1,885	0.21	42	0.00

FIGURE VII.11 DISTRIBUTION OF BEEHIVES BY TYPE



As indicated in Summary Table VII.5 and Figure VII.11, very significant portion of the beehives are reported in rural areas (94.86 percent). Although very little (5.14 percent), urban areas as well contributed to the beehives population of the region.

With regard to zonal distribution of hives, about two-fifths of the total hives are reported by North and South Gonder Zones. West and East Gojam Zones also contributed significant portions to the hive population of the region that is 24.22 percent on aggregate. South and North Wollo Zones as well reported substantial number of hives, about 20 percent of the total hives in the region (See Table 7-1-a).

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 Amhara Region during the reference period, is about 493 million liters of which about 477 million liters (96.75 percent) is attributed to rural areas. A total of about 16 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 eight months, and average milk yield per cow per day is about 1.222 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 seven million kilograms of which the greater portion (99.25 percent) is harvested from traditional hives (See Summary Table VII.6).

As can be seen from the census data, honey was harvested only once during the 12 months period (i.e. the reference period) from each type of hives both in rural and urban areas.

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)	1.222	1.210	1.809
Average Lactation Period (Months)	8	8	8
Total Milk Production (Liters)	492,964,417	476,858,720	16,105,697
Camel Milk			
Average Daily Milk Production (Liters/Camel)	5.773	5.773	
Average Lactation Period (Months)	9	9	
Total Milk Production (Liters)	*	*	
Honey Production			
All Types of Beehives			
Production (Kilograms)	6,975,787	6,967,150	8,637
Average Frequency (Harvests/Year)		1	1
Traditional Beehives			
Production (Kilograms)	6,923,821	6,916,873	6,948
Average Frequency (Harvests/Year)		1	1
Intermediate Beehives			
Production (Kilograms)	21,019	19,431	1,588*
Average Frequency (Harvests/Year)		1	1
Modern Beehives			
Production (Kilograms)	30,947*	30,846*	101*
Average Frequency (Harvests/Year)		1	1

* Their CVs are greater than 50 percent

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 by-products such as

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	40.96	0.74	0.75	57.54	100	40.74	0.55	0.76	57.96	100	56.69	10.79	0.54	31.99
Butter	100	58.55	37.92	0.13	3.41	100	58.25	38.21	0.13	3.41	100	82.16	14.83	0.18	2.83
Cheese	100	96.79	0.24	0.06	2.91	100	96.79	0.24	0.06	2.91	100	96.58	0.53	0.13	2.76
Beef	100	37.43	47.18	1.21	14.18	100	37.41	47.13	1.21	14.25	100	41.2	51.57	0.34	6.89
Mutton/Goat Meat	100	89.7	6.2	0.1	4	100	89.73	6.15	0.1	4.02	100	87.87	9.05	0.11	2.97
Eggs	100	23	40.91	0.06	36.02	100	22.42	41.31	0.07	36.2	100	52.25	18.69	0.06	29.01
Honey	100	36.59	60.43	0.27	2.71	100	36.5	60.52	0.27	2.71	100	55.2	41.39	0.06	3.36
Bees Wax	100	21.55	33.26	0.17	45.02	100	21.47	33.28	0.17	45.09	100	28.56	36.81	0.44	34.18
Wool	100	35.94	51.9	0.86	11.3	100	35.99	51.9	0.83	11.28	100	39.1	37.04	6.07	17.8
Hide	100	33.7	57.27	0.08	8.95	100	33.84	57.04	0.08	9.04	100	21.48	75.75	0.08	2.69
Skin	100	20.88	75.32	0.03	3.76	100	20.94	75.23	0.03	3.79	100	15.43	83.21	0.06	1.31

butter, cheese, and bees wax. It is commonly accepted that these 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 and it reveals that of the total annual milk production, 40.96 percent was used for household consumption, 0.74 percent was sold, 0.75 percent was used for wages and the rest 57.54 percent was used for other purposes (could be for the production of butter, cheese, etc.). With respect to the utilization of butter, 58.55 percent of the produce was used for household consumption although considerable portion (37.92 percent) was sold. Most of the total cheese produced was used for household consumption that is about 96.79 percent, and the rest three percent was used for other purposes.

Of the total honey production, about 60.43 percent was sold, about 36.59 percent was used for household consumption, and less than one percent of the honey production was used as a payment (wage) in the region. On the other hand, 33.26 percent of the wax produced in the region was used for sale while 21.55 percent was used for household consumption.

Concerning utilization of egg production, 40.91 percent of the total egg production was used for sale while 23 percent of the total egg production was used for household consumption. More than one third of the egg production in the region (that is about 36.02 percent) was used for other purposes and that could be for hatching. Holders' utilization practices on wool, hides, and skins were also assessed and the results showed that these products are mainly used for sale and household consumption (See Summary Table VII.7).

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 Amhara Region is about 3,202,128. Out of these animals, about 77.35 percent were cattle followed by sheep, which took about 11.49 percent share. Goats, draught animals (horses, asses, and mules), and poultry also accounted for about 5.35 percent, 4.11 percent, and 1.66 percent of the total vaccinated animals, respectively. The estimated number of vaccinated camels in the region is about 1,107, which is only 0.03 percent of the total vaccinated animals.

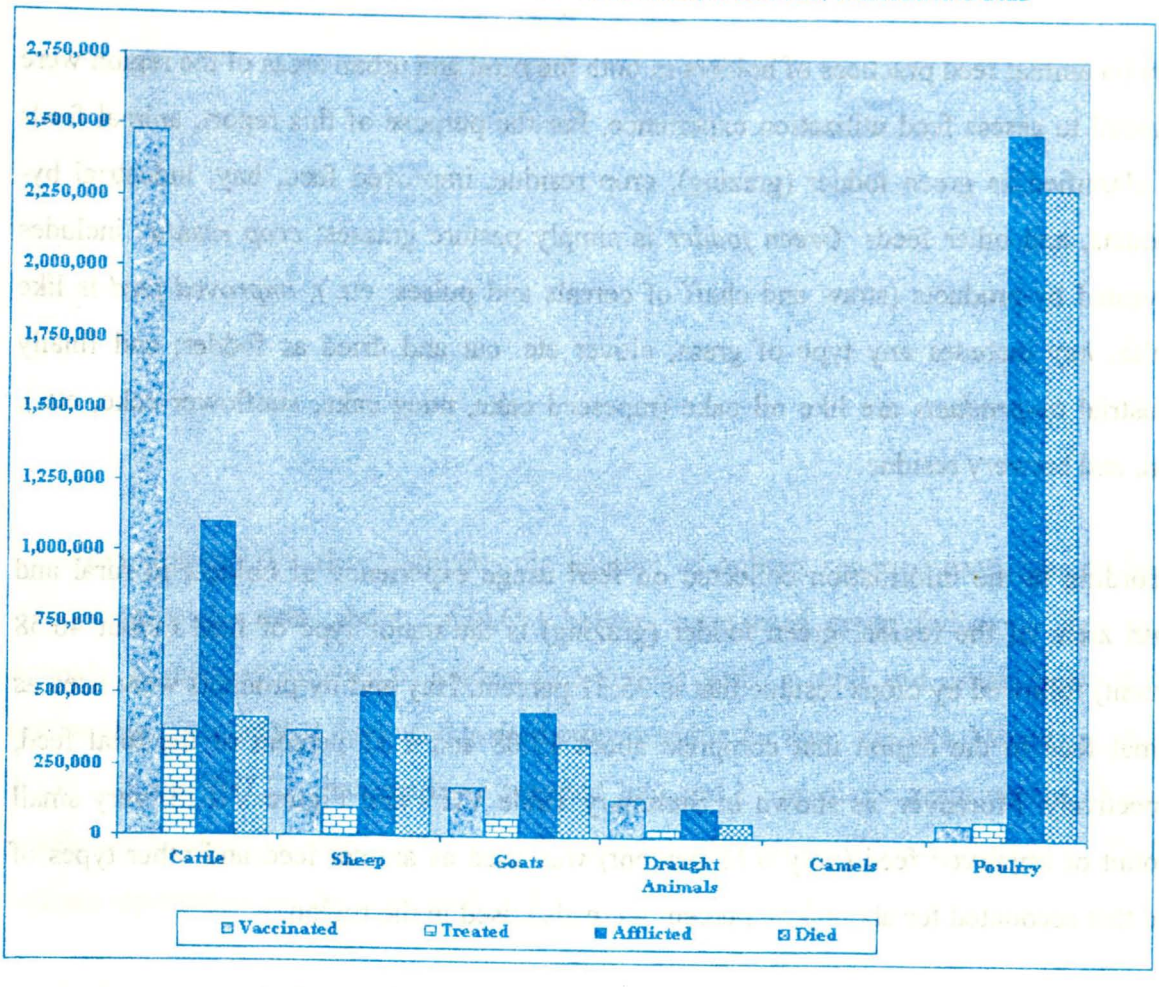
SUMMARY TABLE VII.8: Estimated Number of Livestock Vaccinated, Afflicted, Treated, and Died in Rural and Urban Holdings

Item	Rural and Urban Holdings		Rural Holdings		Urban Holdings	
	Number	%	Number	%	Number	%
Total Vaccinated	3,202,128	100.00	3,109,866	97.12	92,262	2.88
Cattle	2,477,000	77.35	2,413,734	75.38	63,266	1.98
Sheep	367,795	11.49	350,941	10.96	16,854	0.53
Goats	171,282	5.35	168,593	5.27	2,689	0.08
Horses, Asses, and Mules	131,744	4.11	129,869	4.06	1,875	0.06
Camels	1,107	0.03	1,005	0.03	102	0.00
Poultry	53,199	1.66	45,724	1.43	7,475	0.23
Total Afflicted	4,641,171	100.00	4,503,542	97.03	137,629	2.97
Cattle	1,100,058	23.70	1,084,805	23.37	15,253	0.33
Sheep	507,309	10.93	497,385	10.72	9,924	0.21
Goats	439,212	9.46	436,761	9.41	2,451	0.05
Horses, Asses, and Mules	103,272	2.23	102,199	2.20	1,073	0.02
Camels	1,606	0.03	1,541	0.03	65	0.00
Poultry	2,489,714	53.64	2,380,852	51.30	108,862	2.35
Total Treated	626,325	100.00	597,780	95.44	28,545	4.56
Cattle	367,896	58.74	357,402	57.06	10,494	1.68
Sheep	98,513	15.73	92,371	14.75	6,142	0.98
Goats	63,464	10.13	62,364	9.96	1,100	0.18
Horses, Asses, and Mules	29,679	4.74	29,080	4.64	599	0.10
Camels	786	0.13	731	0.12	55	0.01
Poultry	65,987	10.54	55,832	8.91	10,155	1.62
Total Died	3,446,513	100.00	3,332,382	96.69	114,131	3.31
Cattle	413,071	11.99	407,995	11.84	5,076	0.15
Sheep	357,447	10.37	352,224	10.22	5,223	0.15
Goats	326,051	9.46	324,322	9.41	1,729	0.05
Horses, Asses, and Mules	51,916	1.51	51,331	1.49	585	0.02
Camels	498	0.01	458	0.01	40*	0.00
Poultry	2,297,531	66.66	2,196,053	63.72	101,478	2.94

* CV greater than 50 percent

In the same table, it is indicated that about 4,641,171 animals were diseased/afflicted by different types of diseases during the reference period and only 626,325 of them were treated. The cattle constituted about 58.74 percent of the total treated animals and substantial number of sheep was treated as well (98,513 heads).

FIGURE VII.12 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 the majority (66.66 percent) is poultry. In addition, the estimated numbers of dead cattle, dead sheep, and dead goats in the region are about 413,071, 357,447,and 326,051, respectively. The number of draught animals estimated dead is also considerable that is about 51,916 heads (See Summary Table VII.8 and Figure VII.12).

If we take a look at the zonal results to see the distributions among the zones, more than one-quarter of the total vaccinated-animals are reported in West and East Gojam Zones, and the rest lies between 0.05 and 11 percent. Regarding diseased animals, the majorities are

accounted for North Gonder Zone followed by West Gojam Zone. Similar distribution patterns are also observed for dead animals whereas 22.39 percent and 15.78 percent of the total treated animals are reported in West Gojam and North Gonder Zones, respectively.

6. ANIMAL FEED

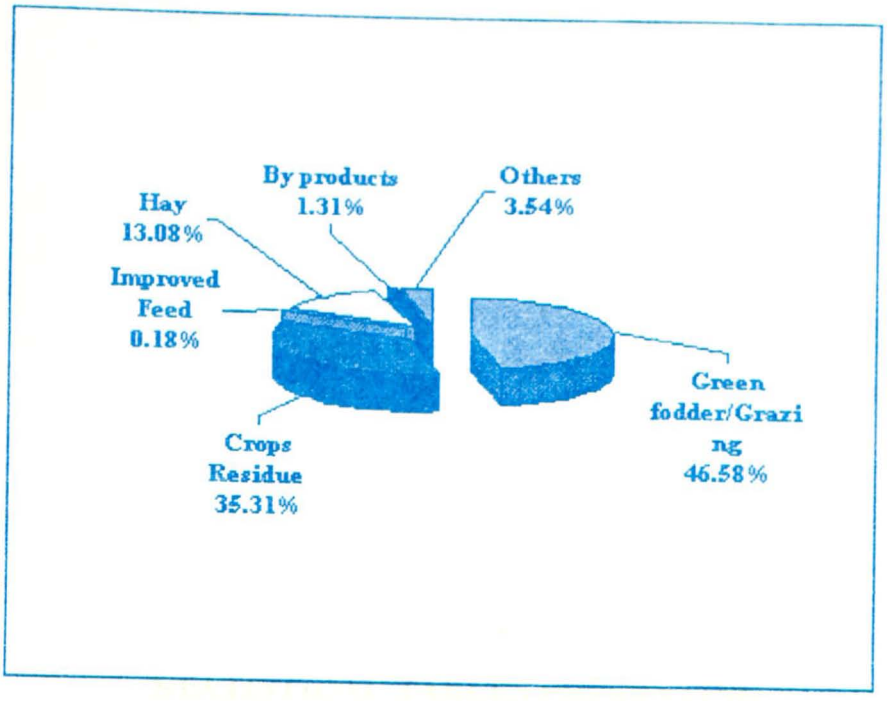
Data on animal feed practices of holders in both the rural and urban areas of the region were gathered to assess feed utilization experience. For the purpose of this report, animal feeds are classified as green fodder (grazing), crop residue, improved feed, hay, industrial by-products, and other feeds.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

According to the information collected on feed usage experience of holders in rural and urban areas of the region, green fodder (grazing) is the major type of feed (about 46.58 percent) followed by crops residue that is 35.31 percent. Hay and by-products were used as animal feed in the region that comprise about 13.08 and 1.31 percent of the total feed, respectively. Moreover, as shown in Summary Table VII.9 and Figure VII.13, very small amount of improved feed (only 0.18 percent) was used as animal feed and other types of feed that accounted for about 3.54 percent were also 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	[redacted]	100	[redacted]	100	[redacted]	100
Green Fodder/Grazing	2,670,653	46.58	2,620,172	51.36	50,481	35.08
Crops Residue	2,545,602	35.31	2,511,832	32.99	33,770	17.05
Improved Feed	22,475	0.18	21,609	0.16	866	0.38
Hay	1,433,118	13.08	1,402,055	11.43	31,063	16.05
By-products	277,131	1.31	254,274	1.02	22,857	8.96
Others	617,411	3.54	575,992	3.04	41,418	22.47

FIGURE VII.13 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 2,670,653 holders have used green fodder to feed their animals. Significant number of holders (2,545,602) both in rural and urban areas of the region also reported that they used to feed crops residue for their animals. Moreover, about 1,433,118 and 277,131 holders have reported hay and by-products, respectively. Quite a number of holders (about 617,411) as well reported other types of feeds while only 22,475 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
Amhara Region	10,512,777	5,320,330	3,815,859	306,443	1,465,021	105,514	28,475	13,434,878	917,460
North Gonder Zone	1,936,543	524,087	682,264	38,236	223,116	12,474	792	3,165,069	163,457
Addi Arkay	98,425	18,840	74,599	*	10,605	422	-	192,582	13,137
Beyeda	40,282	77,125	34,547	2,696	11,807	830	-	66,201	3,801
Janamora	66,501	104,161	40,724	5,183	19,661	1,326	-	137,935	7,254
Debark	71,014	47,853	39,072	10,809	10,095	875	-	161,911	5,969
Dabat	87,714	23,799	30,374	5,031	10,909	638	-	169,187	7,948
Sanja	232,312	2,147	78,715	*	14,525	881	*	281,024	5,205
Lay Armacheho	100,297	11,420	33,462	672	11,896	304	-	213,355	6,833
Wegera	112,494	94,651	38,353	10,451	21,560	1,454	-	213,721	6,611
Gonder Zuria	140,287	42,287	38,895	1,903	26,287	339	-	234,710	14,635
Dembia	166,046	8,886	5,427	*	10,717	292	-	236,466	16,083
Chilga	218,038	10,684	55,464	8	18,923	805	*	310,953	12,274
Metema	103,756	4,956	29,863	*	7,009	106	446	92,068	4,096
Quara	85,173	1,136	26,262	-	5,409	336	160	101,428	6,714
Alefa	227,582	21,066	66,826	*	16,786	972	-	454,249	30,467
Belesa	181,479	53,619	89,251	*	26,623	2,893	*	291,526	18,765
Gonder	5,144	1,455	430	75	304	*	-	7,752	3,664
South Gonder Zone	1,182,912	486,212	438,975	23,269	171,041	12,832	2,728	1,575,937	127,529
Ebenat	123,872	32,585	70,172	600	22,937	1,338	760	189,768	18,943
Kemekem	105,289	31,414	34,372	1,762	16,582	643	*	206,187	10,653
Fogera	157,128	7,607	27,867	*	13,187	339	-	246,496	21,883
Farta	143,194	80,441	41,312	6,328	20,366	3,859	551	136,460	14,549
Lay Gayint	91,278	69,495	43,561	5,361	20,041	758	*	100,804	5,953
Tach Gayint	44,293	24,480	32,668	*	13,217	412	*	57,954	4,750
Simada	130,707	80,633	97,466	1,090	24,779	1,631	*	159,445	11,561
Estie	229,392	131,171	66,408	7,488	28,412	3,355	*	238,072	22,012
Dera	156,319	27,542	25,044	*	11,457	445	*	237,208	16,598
Debre Tabor	1,441	846	105	29	62	53	-	3,543	627
North Wollo Zone	910,763	610,341	429,284	32,027	141,934	10,600	6,233	1,200,512	61,736
Bugna	136,924	64,053	80,133	*	27,444	2,356	-	198,137	14,695
Kobo	154,724	9,027	62,127	*	19,894	611	3,150	212,425	5,389
Gidan	82,341	115,015	42,134	*	18,346	1,515	*	125,473	4,286
Meket	135,374	115,643	62,935	12,109	18,895	1,946	*	137,165	9,108
Wadla	77,132	111,990	23,150	12,410	9,043	1,593	*	74,785	5,003
Dawuntna Delanta	108,283	118,938	63,710	3,736	21,956	1,953	-	132,415	12,597
Guba Lafto	99,134	63,147	51,257	*	15,490	372	*	163,552	4,712
Habru	116,580	12,373	43,829	*	10,847	*	2,236	156,015	5,873
Weldia	271	157	*	*	19	-	-	544	*
South Wollo Zone	1,469,751	1,489,247	720,544	48,484	252,841	27,426	3,274	1,933,730	118,399
Mekdela	90,551	105,802	46,903	1,441	19,598	1,451	-	77,702	7,231
Tenta	100,573	166,253	57,712	8,080	20,542	2,313	-	113,268	7,047
Kutaber	67,996	72,077	43,247	4,039	12,378	3,088	-	107,478	4,356
Ambasel	73,018	64,057	54,885	*	14,200	1,849	*	130,306	8,176
Tehuledere	68,181	29,881	23,684	*	5,697	2,058	-	110,103	4,845
Werebabu	66,259	9,354	29,222	*	6,956	273	822	91,967	4,489
Kalu	115,006	13,125	67,909	255	12,966	642	2,048	205,431	5,805
Dessie Zuria	189,045	227,943	102,686	8,166	30,130	6,222	-	272,430	9,010
Legambo	82,532	202,617	23,243	7,121	20,070	1,477	-	94,180	3,149
Sayint	143,580	135,051	115,390	1,456	21,165	289	-	167,316	13,931
Debresina	105,483	111,693	32,701	3,309	13,953	629	-	111,160	8,630
Kelala	122,496	65,368	47,548	2,207	20,975	2,962	*	133,069	20,935
Jama	74,413	108,193	17,581	4,667	18,417	1,287	179	110,696	5,345
Were Ilu	86,520	158,819	25,267	5,401	24,342	2,236	-	114,282	5,099
Wegde	82,198	17,214	32,125	577	11,250	650	-	90,056	9,355
Kombolcha	604	355	209	46	20	-	-	1,464	467
Dessie	1,297	1,446	232	*	182	-	-	2,822	529
North Shewa Zone	1,021,040	888,095	517,431	33,085	238,716	11,009	3,170	1,333,835	67,939
Middana Weremo	49,130	4,780	17,966	238	8,134	497	*	69,030	4,236
Merhabete	53,359	4,210	24,835	*	13,094	485	-	100,394	4,547
Insarona Wayu	66,222	50,345	16,729	3,117	16,613	239	*	68,928	2,702
Moretna Jiru	38,399	14,664	19,535	1,697	13,733	*	*	52,715	1,867
Gera Keya	83,698	200,403	39,533	3,608	21,876	1,195	*	105,776	5,321
Geshe	32,522	64,406	24,545	227	8,106	1,157	*	48,830	4,499
Antsokiya Gemza	26,922	15,192	14,616	529	7,300	513	59	43,529	3,015

TABLE 7-1-a –(Cont'd)

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Efratana Gidim	50,781	14,130	21,844	933	8,771	458	277	66,797	4,317
Lalo Midir	69,864	101,980	31,162	1,905	17,420	856	-	74,930	4,947
Mojana Wedera	40,824	71,296	22,331	1,454	9,707	159	-	51,849	2,377
Tarmaber	51,256	20,167	39,112	958	8,750	315	-	73,870	4,177
Kewet	67,100	9,427	34,733	-	10,889	169	-	75,416	4,274
Asagirt	37,518	29,165	27,991	1,924	6,867	454	-	54,285	2,415
Angolelana Tera	72,337	89,814	9,174	7,797	14,072	523	-	56,822	1,725
Ankober	50,664	15,904	45,343	-	7,752	366	-	85,835	4,466
Hagere Mariam	38,198	33,332	26,167	1,259	9,857	436	-	51,578	2,748
Berehet	20,717	4,732	14,357	-	5,069	348	529	33,891	1,677
Minjarna Shenkora	79,287	20,156	45,369	923	24,659	2,284	1,409	116,959	2,908
Debre Berhane	2,984	5,912	117	169	211	-	-	5,190	604
Basona Werana	89,257	118,081	41,973	6,148	25,837	469	-	97,209	5,117
East Gojam Zone	1,263,726	591,329	215,761	50,633	178,838	9,199	905	809,702	89,420
Bibugn	60,080	51,286	11,619	5,932	4,134	1,062	-	60,841	3,978
Hulet Ej Enesie	136,828	71,042	36,168	7,529	18,732	1,874	-	121,192	11,625
Goncha Siso Enesie	75,914	46,494	17,794	1,121	12,366	372	-	63,512	6,660
Enebse Sar Midir	59,427	15,606	32,706	-	13,119	519	-	55,923	5,726
Enarj Enawga	89,764	35,244	25,322	-	19,079	379	-	49,789	6,660
Enemay	83,577	32,188	9,240	1,282	17,479	-	-	31,729	3,101
Debay Telatgen	76,000	52,238	4,763	7,539	14,611	326	-	27,875	4,654
Machakel	173,098	73,407	9,313	4,551	12,044	1,526	-	127,233	10,065
Gozamin	170,515	113,330	12,086	13,609	15,522	2,567	-	96,939	10,729
Baso Liben	91,860	23,362	21,260	194	10,777	-	-	46,213	9,369
Awabel	137,515	53,763	10,782	6,826	19,412	-	-	72,499	5,676
Dejen	59,273	14,931	12,544	-	11,275	-	-	22,935	5,387
Shebel Berenta	43,992	5,522	12,147	-	10,245	-	-	28,265	5,178
Debre Markos	5,885	2,917	-	143	-	-	-	4,757	610
West Gojam Zone	1,399,492	372,879	181,795	19,366	148,180	12,054	4,811	2,016,039	132,716
Achefer	224,630	30,565	40,679	-	24,950	1,462	-	396,690	15,607
Bahirdar Zuria	206,865	14,329	26,049	-	18,728	716	-	346,546	19,706
Yilmana Densa	151,977	60,428	43,623	536	22,429	1,890	1,141	242,775	14,446
Merawi	204,783	28,753	15,680	-	21,262	1,010	-	351,928	20,880
Sekela	86,616	58,628	13,427	8,266	8,133	1,375	-	46,049	4,565
Kuarit	81,771	37,212	7,848	-	10,049	2,185	-	88,096	8,868
Dega Damot	87,419	67,208	13,037	6,425	7,957	2,211	-	66,296	7,872
Dembecha	101,570	18,695	5,334	878	8,438	383	450	116,541	12,423
Jabi Tehnan	124,595	17,996	9,225	-	9,899	342	-	172,809	15,021
Bure Wemberma	129,265	39,066	6,895	-	16,335	479	-	188,310	13,329
Wag Hamra Zone	355,055	86,328	417,737	-	42,970	4,154	-	252,657	67,224
Zikuala	152,863	26,910	251,395	-	12,010	1,688	-	38,829	28,361
Sekota	130,344	39,391	120,151	-	16,842	1,537	-	119,919	22,499
Dehana	71,849	20,027	46,192	-	14,119	930	-	93,910	16,364
Awi Zone	638,869	248,566	91,959	61,074	39,419	4,479	830	810,144	67,768
Dangela	156,264	25,819	19,437	-	13,535	685	-	290,633	20,872
Banja	99,567	86,870	6,381	32,863	1,534	1,438	-	55,719	4,996
Ankasha	117,188	53,743	17,737	12,684	6,458	1,041	-	157,235	10,971
Guangua	169,678	26,783	31,216	-	13,222	731	-	235,916	26,543
Faggeta Lekoma	96,171	55,351	17,189	15,145	4,670	584	-	70,641	4,386
Oromia Zone	326,825	20,969	119,590	-	27,737	977	5,685	308,890	18,787
Chefegolana Dawerahimedo	128,566	7,347	41,948	-	9,031	749	1,402	152,714	10,310
Bati	76,890	6,834	36,080	-	4,275	-	2,858	71,333	4,221
Jile Tumuga	61,639	3,083	23,156	-	8,906	144	905	33,222	1,289
Artuma Fursi	59,730	3,706	18,407	-	5,526	-	520	51,620	2,967
Bahirdar Special Zone	7,801	2,277	518	-	228	309	-	28,363	2,485
Bahirdar	7,801	2,277	518	-	228	309	-	28,363	2,485

b) Rural Holdings

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Amhara Region	10,360,069	5,232,302	3,800,802	304,205	1,453,894	103,990	27,793	13,139,592	870,322
North Gonder Zone	1,906,822	513,765	678,575	37,715	220,639	12,360	704	3,122,485	152,587
Addi Arkay	96,437	18,762	74,056	*	10,545	422	-	191,442	12,432
Beyeda	40,143	76,921	34,521	2,696	11,748	826	-	66,041	3,781
Janamora	66,290	104,043	40,709	5,172	19,601	1,320	-	137,668	7,240
Debark	70,087	46,179	39,000	10,624	10,081	858	-	160,310	5,706
Dabat	87,117	23,049	30,308	4,908	10,877	633	-	168,120	7,508
Sanja	229,795	*	78,212	-	13,898	875	*	277,672	5,041
Lay Armacheho	99,939	11,200	33,429	672	11,890	304	-	212,405	6,743
Wegera	111,337	93,823	38,275	10,348	21,464	1,439	-	212,755	6,319
Gonder Zuria	138,893	41,900	38,692	1,896	26,218	333	-	231,278	13,343
Dembia	163,451	8,261	5,073	*	10,654	279	-	231,014	14,131
Chilga	216,742	10,071	55,386	-	18,900	803	*	308,033	12,067
Metema	96,073	4,429	28,860	*	6,181	103	418	84,560	3,929
Quara	85,055	1,136	26,189	-	5,406	334	160	101,313	6,714
Alefa	224,902	19,807	66,701	-	16,668	938	-	450,154	28,998
Belesa	180,559	53,349	89,164	*	26,508	2,893	*	289,721	18,637
South Gonder Zone	1,168,223	477,500	437,927	22,917	170,085	12,573	2,728	1,532,759	121,436
Ebenat	123,601	32,436	70,135	600	22,927	1,337	760	189,245	18,883
Kemekem	103,003	30,627	34,140	1,756	16,441	621	*	197,844	9,791
Fogera	154,297	7,110	27,782	*	13,110	318	-	238,435	20,355
Farta	142,494	80,045	41,302	6,272	20,321	3,822	551	135,781	14,486
Lay Gayint	89,661	67,634	43,412	5,179	19,871	748	*	98,424	5,566
Tach Gayint	44,009	24,254	32,638	*	13,193	412	*	57,438	4,750
Simada	130,097	79,621	97,386	1,090	24,653	1,601	*	158,493	11,070
Estie	227,288	129,280	66,222	7,415	28,225	3,296	*	227,140	21,442
Dera	153,772	26,492	24,909	*	11,343	418	*	229,957	15,091
North Wollo Zone	900,791	606,621	428,272	31,941	141,098	10,566	5,962	1,177,164	60,488
Bugna	136,249	63,567	79,916	*	27,361	2,351	-	196,484	14,528
Kobo	149,614	8,579	61,762	-	19,506	600	2,923	204,945	5,194
Gidan	81,532	114,624	42,051	*	18,250	1,510	*	123,949	3,899
Meket	134,770	114,822	62,908	12,097	18,834	1,946	*	135,597	8,968
Wadla	76,806	111,616	23,139	12,361	8,991	1,593	*	74,004	4,891
Dawuntna Delanta	107,894	118,353	63,593	3,734	21,894	1,945	-	131,704	12,597
Guba Lafto	99,134	63,147	51,257	*	15,490	372	*	163,552	4,712
Habru	114,792	11,913	43,647	*	10,771	*	2,192	146,929	5,699
South Wollo Zone	1,456,478	1,474,936	718,743	48,286	250,963	27,219	3,166	1,897,370	115,119
Mekdela	90,281	105,383	46,903	1,441	19,557	1,451	-	77,616	7,231
Tenta	99,297	163,896	57,655	8,059	20,239	2,283	-	111,801	6,871
Kutaber	67,484	71,389	43,170	4,036	12,328	3,067	-	106,364	4,356
Ambasel	72,619	63,889	54,778	*	14,178	1,849	*	129,410	8,078
Tehuledere	66,791	28,708	23,461	*	5,540	2,043	-	107,314	4,509
Werebabu	65,655	9,085	28,940	*	6,791	266	750	90,902	4,425
Kalu	113,253	12,835	67,673	234	12,902	634	2,011	202,954	5,528
Dessie Zuria	188,574	227,134	102,606	8,156	30,062	6,192	-	271,330	8,825
Legambo	81,846	201,477	23,143	7,117	19,897	1,467	-	93,173	2,906
Sayint	143,131	134,537	115,338	1,452	21,131	282	-	166,955	13,823
Debresina	104,862	111,005	32,688	3,304	13,842	618	-	110,498	8,429
Kelala	121,634	64,522	47,525	2,180	20,877	2,935	*	132,257	20,821
Jama	73,788	107,346	17,567	4,648	18,301	1,276	179	109,492	5,195
Were Ilu	85,391	156,670	25,190	5,385	24,106	2,209	-	97,658	4,809
Wegde	81,871	17,059	32,106	575	11,210	649	-	89,646	9,310
North Shewa Zone	1,001,651	868,881	514,504	32,698	235,989	10,935	3,042	1,294,611	62,667
Middana Weremo	48,204	4,251	17,955	236	8,004	493	*	67,243	3,881
Merhabete	52,290	3,228	24,789	-	12,966	482	-	88,162	4,033
Insarona Wayu	65,164	48,885	16,514	3,102	16,365	239	*	68,090	2,373
Moretna Jiru	37,603	13,633	19,484	1,649	13,400	*	*	51,852	1,839
Gera Keya	83,141	198,854	39,511	3,598	21,739	1,188	*	104,885	5,083
Geshe	32,428	64,097	24,527	227	8,079	1,156	*	48,407	4,466
Antsokiya Gemza	25,884	14,664	14,529	529	7,052	512	17	41,471	2,619
Efratana Gidim	48,123	13,637	21,398	931	8,557	455	244	63,087	3,731
Lalo Midir	69,281	100,977	31,142	1,895	17,268	852	-	74,070	4,759
Mojana Wedera	40,619	70,997	22,264	1,454	9,678	159	-	51,380	2,314
Tarmaber	49,865	18,717	38,966	914	8,651	313	-	71,902	3,937
Kewet	64,781	8,692	33,720	*	10,703	167	*	72,514	3,204

TABLE 7-1-b –(Cont'd)

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Asagirt	37,206	28,833	27,901	1,900	6,823	449	*	53,952	2,377
Angoleiana Tera	71,370	88,956	9,171	7,341	13,984	520	-	56,123	1,695
Ankober	50,138	15,216	45,017	-	7,718	334	*	84,123	4,316
Hagere Mariam	37,981	33,026	26,136	1,259	9,784	436	-	51,155	2,689
Bereber	20,532	4,679	14,263	*	5,019	348	471	33,507	1,634
Minjarna Shenkora	77,785	19,456	45,244	923	24,362	2,278	1,409	115,479	2,601
Basona Werana	89,257	118,081	41,973	6,148	25,837	469	-	97,209	5,117
East Gojam Zone	1,246,194	578,558	215,139	50,347	178,085	9,130	905	792,550	85,497
Bibugn	39,911	51,086	11,609	5,927	4,131	1,056	*	60,627	3,931
Hulet Ej Enesie	135,248	69,444	36,048	7,509	18,592	1,858	-	117,170	10,814
Goncha Siso Enesie	75,228	45,905	17,788	1,099	12,342	372	-	62,535	6,461
Enebse Sar Midir	58,552	15,083	32,672	*	12,986	514	-	55,215	5,562
Enarj Enawga	88,726	34,408	25,288	*	19,019	379	-	48,885	6,200
Enemay	82,111	30,770	9,126	1,272	17,339	*	*	30,766	2,994
Debay Telatgen	75,543	51,686	4,763	7,514	14,582	325	*	27,619	4,408
Machakel	171,296	72,295	9,235	4,534	12,023	1,512	*	126,084	9,216
Gozamin	170,016	112,669	12,086	13,584	15,499	2,567	*	96,564	10,521
Baso Liben	90,892	22,875	21,254	*	10,756	*	-	45,217	9,232
Awabel	136,137	52,814	10,702	6,816	19,358	*	*	71,301	5,623
Dejen	58,749	14,143	12,491	*	11,231	*	-	22,548	5,357
Shebel Berenta	43,784	5,382	12,077	*	10,226	*	*	28,020	5,178
West Gojam Zone	1,377,928	364,696	180,398	19,310	147,589	11,759	4,811	1,980,960	125,187
Achefer	221,285	29,425	40,351	*	24,856	1,401	*	389,074	14,770
Bahirdar Zuria	204,711	14,050	25,972	-	18,719	683	*	341,275	18,644
Yilmana Densa	150,626	59,459	43,571	536	22,382	1,864	1,141	239,145	14,244
Merawi	202,245	27,583	15,434	*	21,256	966	*	346,870	20,236
Sekela	86,128	58,169	13,419	8,240	8,118	1,363	*	45,802	4,565
Kuarit	81,560	36,948	7,844	*	10,011	2,185	-	87,342	8,767
Dega Damot	87,215	66,986	13,037	6,411	7,956	2,207	-	66,250	7,872
Dembecha	98,874	17,795	5,162	876	8,331	358	450	113,840	11,304
Jabi Tehnan	119,060	16,407	8,842	*	9,825	*	*	165,407	13,215
Bure Womberma	126,225	37,873	6,765	*	16,136	467	*	185,955	11,570
Wag Hamra Zone	353,186	85,915	416,710	*	42,661	4,121	*	250,661	65,164
Zikuala	152,491	26,806	251,179	*	11,986	1,678	*	38,712	27,861
Sekota	129,277	39,202	119,664	*	16,648	1,514	-	119,315	21,826
Dehana	71,418	19,908	45,867	*	14,027	929	-	92,634	15,477
Awi Zone	625,656	241,131	91,495	60,738	39,223	4,350	830	787,340	64,008
Dangela	152,982	24,352	19,370	-	13,439	617	-	283,103	19,918
Banja	97,291	84,532	6,363	32,671	1,515	1,423	*	54,768	4,709
Ankasha	114,649	51,996	17,700	12,598	6,442	1,034	*	153,022	10,867
Guangua	165,706	25,621	30,926	*	13,165	713	*	226,904	24,326
Faggeta Lekoma	95,029	54,630	17,136	15,089	4,662	564	-	69,543	4,188
Oromia Zone	323,142	20,300	119,040	*	27,563	977	5,599	303,692	18,169
Chefegolana Dawerahimedo	126,693	7,167	41,692	-	8,940	749	1,370	150,954	10,179
Bati	76,506	6,586	35,950	-	4,271	*	2,847	70,363	4,093
Jile Tumuga	61,120	3,031	23,055	-	8,900	144	866	32,827	1,223
Artuma Fursi	58,823	3,516	18,343	*	5,452	*	515	49,548	2,674

c) Urban Holdings

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Amhara Region	152,708	88,028	15,057	2,238	11,127	1,524	682	295,286	47,138
North Gonder Zone	29,721	10,322	3,689	521	2,477	115	88	42,584	10,870
Addi Arkay	1,988	78	543	-	59	-	-	1,140	705
Beyeda	139	204	26	-	60	*	-	159	*
Janamora	211	118	*	11	60	6	-	267	*
Debark	927	1,675	72	185	*	17	-	1,601	264
Dabat	597	751	66	122	32	*	-	1,067	441
Sanja	2,517	1,313	503	*	627	*	*	3,353	*
Lay Armacheho	358	221	33	-	7	-	-	950	*
Wegera	1,156	828	78	103	96	15	-	966	292
Gonder Zuria	1,394	387	203	*	70	*	-	3,433	1,292
Dembia	2,595	625	354	*	62	14	-	5,452	1,952
Chilga	1,296	614	78	8	23	*	*	2,920	207
Metema	7,683	527	1,002	-	828	*	28	7,508	*
Quara	118	-	73	-	4	2	-	115	*
Alefa	2,680	1,258	125	*	118	34	-	4,096	1,469
Belesa	920	270	87	-	115	-	-	1,805	*
Gonder	5,144	1,455	430	75	304	*	-	7,752	3,664
South Gonder Zone	14,690	8,712	1,048	352	955	259	-	43,178	6,093
Ebenat	271	149	*	-	10	*	-	522	60
Kemekem	2,285	787	231	*	141	*	-	8,343	862
Fogera	2,831	497	85	-	77	20	-	8,061	1,527
Farta	700	395	*	56	44	37	-	679	*
Lay Gayint	1,617	1,861	149	181	170	*	-	2,380	387
Tach Gayint	284	226	*	*	25	-	-	516	*
Simada	610	1,011	80	-	126	30	-	952	490
Estie	2,103	1,891	186	73	187	59	-	10,932	570
Dera	2,547	1,049	135	*	113	27	-	7,251	1,507
Debre Tabor	1,441	846	105	29	62	53	-	3,543	627
North Wollo Zone	9,973	3,720	1,011	87	837	34	271	23,348	1,248
Bugna	675	485	216	-	83	*	-	1,653	167
Kobo	5,110	448	365	*	389	12	227	7,480	195
Gidan	809	391	*	-	95	*	-	1,524	*
Meket	603	821	*	12	60	-	-	1,568	*
Wadla	327	375	*	48	52	-	-	782	*
Dawuntna Delanta	389	584	*	*	62	*	-	712	*
Habru	1,789	460	182	15	76	*	44	9,086	174
Weldia	271	157	*	*	19	-	-	544	*
South Wollo Zone	13,273	14,312	1,801	198	1,878	207	108	36,360	3,281
Mekdela	270	418	-	-	*	-	-	86	*
Tenta	1,277	2,357	58	*	303	31	-	1,467	*
Kutaber	512	688	*	*	50	*	-	1,114	*
Ambasel	399	168	107	-	21	-	-	896	*
Tehuledere	1,390	1,173	223	*	157	*	-	2,789	336
Werebabu	603	269	282	-	165	*	72	1,065	*
Kalu	1,753	290	237	*	63	9	37	2,477	276
Dessie Zuria	471	809	*	10	68	30	-	1,101	185
Legambo	686	1,140	100	*	173	*	-	1,008	*
Sayint	448	515	*	*	35	7	-	361	*
Debresina	622	688	*	*	111	10	-	662	*
Kelala	863	846	22	27	99	26	-	811	*
Jama	624	848	*	19	115	11	-	1,204	*
Were Ilu	1,128	2,149	77	16	236	*	-	16,624	*
Wegde	327	155	*	*	39	*	-	410	*
Kombolcha	604	355	209	46	20	-	-	1,464	467
Dessie	1,297	1,446	232	*	182	-	-	2,822	529
North Shewa Zone	19,390	19,214	2,927	387	2,728	74	128	39,224	5,271
Middana Weremo	926	528	*	*	129	*	-	1,787	*
Merhabete	1,070	982	*	*	128	*	-	12,232	514
Insarona Wayu	1,057	1,460	215	14	248	-	-	838	329
Moretna Jiru	797	1,030	*	48	332	-	-	864	*
Gera Keya	557	1,549	*	*	137	*	-	891	*
Geshe	95	309	*	-	27	*	-	422	*
Antsokiva Gemza	1,038	527	86	-	248	*	42	2,058	396
Efratana Gidim	2,658	494	445	*	214	*	*	3,710	587
Lalo Midir	583	1,003	*	*	152	*	-	860	*

TABLE 7-1-c -(Cont'd)

Geographic Area	ALL LIVESTOCK								
	CATTLE	SHEEP	GOATS	HORSES	ASSES	MULES	CAMELS	POULTRY	BEEHIVES
Mojana Wedera	205	298	67	-	29	-	-	469	-
Tarmuber	1,391	1,451	146	44	100	-	-	1,968	240
Kewet	2,319	735	1,013	-	186	-	-	2,902	1,069
Asagirt	312	332	-	24	45	-	-	333	-
Angolelana Tera	967	858	-	56	89	-	-	700	-
Ankober	526	687	326	-	34	32	-	1,713	150
Hagere Mariam	217	306	31	-	73	-	-	424	-
Berehet	186	53	94	-	50	-	58	383	-
Minjarna Shenkora	1,502	700	125	-	296	-	-	1,479	308
Debre Berhane	2,984	5,912	117	169	211	-	-	5,190	604
East Gojam Zone	17,531	12,771	622	287	753	69	-	17,152	3,923
Bibugn	169	200	10	-	-	-	-	214	-
Hulet Ej Enesie	1,580	1,597	120	20	140	16	-	4,022	811
Goncha Siso Enesie	686	588	-	22	24	-	-	977	-
Enebise Sar Midir	875	523	35	-	132	-	-	708	-
Enarj Enawga	1,038	836	34	-	60	-	-	905	460
Enemay	1,466	1,418	114	-	140	-	-	964	-
Debay Telatgen	457	552	-	25	29	-	-	256	-
Machakel	1,802	1,112	-	17	21	14	-	1,149	849
Gozamin	499	662	-	25	23	-	-	375	208
Baso Liben	968	488	-	-	21	-	-	996	-
Awabel	1,377	950	80	11	54	-	-	1,198	-
Dejen	523	788	-	-	43	-	-	387	-
Shebel Berenta	207	140	70	-	-	-	-	244	-
Debre Markos	5,885	2,917	-	143	-	-	-	4,757	610
West Gojam Zone	21,564	8,183	1,397	56	591	295	-	35,079	7,529
Achefer	3,346	1,140	328	-	94	61	-	7,615	837
Bahirdar Zuria	2,154	279	77	-	-	34	-	5,271	1,062
Yilmana Densa	1,351	970	52	-	47	26	-	3,630	-
Merawi	2,539	1,169	246	-	-	45	-	5,059	644
Sekela	488	459	-	27	-	-	-	247	-
Kuarit	211	263	-	-	38	-	-	754	-
Dega Damot	203	222	-	14	-	-	-	46	-
Dembecha	2,696	900	172	-	107	26	-	2,700	1,119
Jabi Tehnan	5,535	1,589	383	-	74	77	-	7,402	1,806
Bure Wemberma	3,041	1,193	129	-	199	-	-	2,355	1,759
Wag Hamra Zone	1,870	412	1,028	-	309	-	-	1,995	2,059
Zikuala	372	104	216	-	24	9	-	116	500
Sekota	1,067	189	488	-	194	-	-	604	672
Dehana	431	120	325	-	92	-	-	1,275	887
Awi Zone	13,213	7,435	465	336	196	129	-	22,804	3,760
Dangela	3,283	1,467	66	-	96	68	-	7,529	955
Banja	2,277	2,337	19	193	-	15	-	951	287
Ankasha	2,539	1,747	37	86	-	-	-	4,213	-
Guangua	3,972	1,163	289	-	57	18	-	9,012	2,217
Faggeta Lekoma	1,142	722	-	55	-	20	-	1,098	-
Oromia Zone	3,683	669	550	14	175	-	86	5,198	618
Chefegolana Dawerahimedo	1,873	179	256	-	91	-	32	1,761	-
Bati	384	248	130	-	-	-	11	971	-
Jile Tumuga	519	52	101	-	-	-	-	395	-
Artuma Fursi	906	190	64	-	74	-	-	2,071	292
Bahirdar Special Zone	7,801	2,275	518	-	228	309	-	28,363	2,485
Bahirdar	7,801	2,275	518	-	228	309	-	28,363	2,485

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	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Amhara Region	10,512,777	455,625	434,475	742,801	3,258,405	382,084	475,038	450,955	812,595	3,237,973	262,826
North Gonder Zone	1,936,543	73,808	99,578	143,420	512,580	62,934	81,222	105,759	169,996	626,633	60,614
Addi Arkay	98,425	4,337	5,231	6,485	26,144	2,818	5,600	5,163	8,253	31,631	2,764
Beyeda	40,282	1,919	1,886	2,810	12,300	1,458	1,872	1,848	3,032	11,839	1,318
Janamora	66,501	2,496	3,399	4,508	22,179	2,584	2,778	3,529	4,497	18,675	1,857
Debark	71,014	3,041	2,942	5,439	16,374	2,776	4,233	3,350	5,069	23,781	4,009
Dabat	87,714	3,603	4,311	7,455	20,414	4,903	3,364	4,453	6,533	26,957	5,722
Sanja	232,312	12,846	13,850	16,345	45,533	6,460	13,846	15,277	21,638	77,946	8,571
Lay Armacheho	100,297	4,031	4,523	7,322	28,053	2,190	5,144	5,790	8,217	32,680	2,347
Wegera	112,494	2,994	5,100	10,148	31,910	6,346	3,372	5,112	8,632	34,138	4,741
Gonder Zuria	140,287	5,361	4,292	10,956	44,255	6,965	5,455	4,440	11,093	41,489	5,980
Dembia	166,046	6,080	6,489	11,776	49,642	4,238	6,481	7,200	15,080	56,460	2,601
Chilga	218,038	8,799	13,584	17,592	49,300	5,046	10,272	13,582	22,859	68,881	8,123
Metema	103,756	3,456	9,103	8,898	18,727	846	3,694	8,366	11,680	37,223	1,763
Quara	85,173	3,256	6,309	7,216	17,787	2,387	3,688	6,810	7,332	27,619	2,770
Alefa	227,582	7,803	10,357	16,788	64,400	7,134	6,441	11,433	21,485	77,354	4,387
Belesa	181,479	3,509	7,903	9,373	64,807	6,717	4,632	9,094	14,052	57,918	3,474
Gonder	5,144	276	300	310	756	64	352	312	543	2,042	189
South Gonder Zone	1,182,912	50,340	48,917	82,018	366,929	61,333	48,617	52,190	83,228	352,370	36,970
Ebenat	123,872	4,788	5,146	8,713	40,936	5,238	3,316	5,523	9,274	37,342	3,595
Kemekem	105,289	3,441	4,455	7,870	35,024	4,626	3,544	4,297	7,396	31,876	2,760
Fogera	157,128	6,436	6,279	11,686	46,424	5,690	6,083	6,355	12,366	50,838	4,970
Farta	143,194	6,100	6,473	10,020	40,442	8,377	7,373	7,490	9,931	41,906	5,083
Lay Gayint	91,278	4,406	4,354	5,166	29,595	3,701	4,260	4,104	5,970	27,521	2,200
Tach Gayint	44,293	1,912	1,783	3,096	13,820	3,250	1,720	1,674	3,070	12,565	1,402
Simada	130,707	4,558	6,295	8,559	44,129	5,206	6,270	5,817	8,438	38,475	2,960
Estie	229,392	11,066	7,227	16,575	67,495	21,852	8,962	9,248	15,799	60,396	10,773
Dera	156,319	7,506	6,809	10,287	49,007	3,386	6,959	7,561	10,808	50,832	3,163
Debre Tabor	1,441	127	96	46	57	*	130	120	176	619	63
North Wollo Zone	910,763	47,182	43,046	68,902	260,568	20,531	48,150	43,427	75,931	285,072	17,954
Bugna	136,924	5,328	5,600	9,703	43,224	5,453	6,362	7,327	11,021	40,265	2,641
Kobo	154,724	7,363	6,184	11,782	49,314	2,696	8,631	5,873	13,192	46,132	3,558
Gidan	82,341	4,138	4,011	7,494	23,462	564	4,043	3,383	7,820	25,936	1,490
Meket	135,374	7,080	8,083	9,607	33,304	3,278	6,122	8,558	12,366	44,476	2,500
Wadla	77,132	4,415	3,597	5,683	19,039	1,452	4,253	4,142	6,123	26,758	1,671
Dawuntna Delanta	108,283	6,209	6,093	8,103	25,509	3,566	5,896	6,340	8,842	34,508	3,217
Guba Lafto	99,134	5,079	4,303	7,826	31,170	1,304	5,507	3,438	8,479	30,661	1,368
Habru	116,580	7,551	5,164	8,693	35,496	2,217	7,322	4,345	8,068	36,219	1,506
Weldia	271	21	13	10	50	*	13	21	22	117	*
South Wollo Zone	1,469,751	75,451	62,422	105,290	453,955	31,665	82,511	69,298	115,822	449,423	23,914
Mekdela	90,551	5,228	3,240	5,501	28,548	931	4,811	4,655	5,988	31,005	644
Tenta	100,573	5,942	5,776	8,148	24,573	2,058	6,300	5,937	9,157	31,148	1,536
Kutaber	67,996	3,262	3,135	5,383	20,754	1,972	3,820	3,279	4,651	20,542	1,197
Ambasel	73,018	2,971	2,520	5,532	28,214	1,183	3,917	2,976	5,746	19,287	672
Tehuledere	68,181	3,398	2,749	5,576	22,633	1,630	3,963	2,522	5,552	18,862	1,296
Werebabu	66,259	4,148	2,741	4,136	20,669	1,599	4,027	3,105	4,702	20,290	841
Kalu	115,006	6,317	4,480	7,787	39,858	2,909	7,254	4,038	7,874	32,702	1,787
Dessie Zuria	189,045	8,514	7,163	15,554	57,751	4,409	9,951	9,035	16,992	56,458	3,218
Legambo	82,532	4,224	3,611	7,462	22,201	580	4,968	4,872	8,779	24,641	1,194
Sayint	143,580	7,636	6,147	8,307	45,791	2,074	8,012	7,390	11,475	44,731	2,016
Debresina	105,483	5,643	5,031	7,147	29,564	972	5,594	5,100	6,617	37,876	1,938
Kelala	122,496	5,607	5,142	7,105	38,722	4,817	7,115	5,359	9,225	35,799	3,605
Jama	74,413	3,085	3,589	4,226	24,968	3,099	3,665	3,229	5,214	22,309	1,030
Were Ilu	86,520	4,725	4,291	7,168	24,138	1,043	4,876	4,180	7,693	27,514	893
Wegde	82,198	4,611	2,677	6,190	25,274	2,381	4,122	3,487	5,982	25,452	2,023
Kombolcha	604	35	40	28	149	*	39	26	45	222	12
Dessie	1,297	104	92	39	149	-	78	107	132	585	11
North Shewa Zone	1,021,040	41,706	32,250	70,311	389,405	53,738	41,805	31,122	70,533	267,781	22,391
Middana Weremo	49,130	2,358	1,602	3,125	17,221	2,609	2,048	1,616	3,699	13,373	1,479
Merhabete	53,359	1,597	1,614	3,347	22,444	4,912	1,548	1,264	2,357	12,400	1,878
Insarona Wayu	66,222	1,887	1,821	3,920	27,397	4,725	2,313	1,936	3,996	16,778	1,448
Moretna Jiru	38,399	1,389	791	2,002	17,734	2,860	1,131	872	1,983	9,007	631
Gera Keya	83,698	4,146	3,789	5,806	25,811	3,239	3,819	3,414	6,642	25,208	1,825
Geshe	32,522	1,182	1,312	2,435	11,377	1,383	1,423	1,278	2,142	9,117	872
Antsokiya Gemza	26,922	1,199	763	1,521	11,167	1,195	1,078	856	1,674	7,283	186
Efratana Gidim	50,781	1,854	1,626	3,933	20,318	2,516	2,256	1,532	3,269	12,728	749

TABLE 7-2-a –(Cont'd)

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Lalo Midir	69,864	2,840	2,313	5,601	23,357	2,821	3,043	2,554	6,490	19,193	1,652
Mojana Wedera	40,824	1,558	1,309	2,732	16,076	2,875	1,563	1,200	3,295	9,314	901
Tarmaber	51,256	2,021	1,716	3,877	19,294	2,556	2,014	1,738	4,027	13,010	1,003
Kewet	67,100	3,583	1,935	4,436	25,637	3,402	3,639	1,908	4,742	16,393	1,425
Asagirt	37,518	1,845	1,427	2,816	12,899	1,284	2,069	1,099	2,591	10,924	564
Angolelana Tera	72,337	3,622	2,620	5,546	21,215	1,987	3,672	2,649	6,272	22,570	2,183
Ankober	50,664	2,179	1,268	4,455	20,973	1,017	2,121	1,863	3,377	13,200	212
Hagere Mariam	38,198	1,443	1,178	2,375	14,368	3,280	1,654	1,107	2,228	9,193	1,372
Berehet	20,717	807	581	1,455	9,359	446	784	640	1,279	5,184	183
Minjarna Shenkora	79,287	2,323	1,427	4,028	39,749	4,789	2,013	1,322	4,218	18,382	1,036
Debre Berhane	2,984	203	171	104	111	*	238	227	492	1,386	50
Basona Werana	89,257	3,671	2,986	6,797	32,899	5,839	3,381	2,045	5,758	23,139	2,742
East Gojam Zone	1,263,726	50,691	43,998	80,078	447,120	62,529	53,778	43,179	82,330	368,730	31,292
Bibugn	60,080	1,802	2,294	4,299	20,543	1,764	2,604	2,989	5,322	16,153	2,311
Hulet Ej Enesie	136,828	4,449	3,741	9,442	47,758	7,060	5,361	4,253	9,543	41,851	3,371
Goncha Siso Enesie	75,914	3,528	1,841	4,176	29,448	3,296	3,313	2,156	4,289	22,709	1,159
Enebse Sar Midir	59,427	2,751	2,038	3,872	22,148	2,693	2,561	1,544	4,157	15,778	1,884
Enarj Enawga	89,764	4,168	2,897	4,812	36,522	3,064	3,086	4,254	5,499	24,477	986
Enemay	83,577	3,717	3,173	5,847	26,732	6,272	3,809	2,391	5,737	23,152	2,747
Debay Telatgen	76,000	3,613	2,936	5,457	27,669	3,179	3,134	2,793	4,653	21,007	1,558
Machakel	173,098	6,394	5,849	10,420	61,146	11,266	6,346	4,814	10,896	50,186	5,782
Gozamin	170,515	6,823	6,824	9,846	54,250	9,791	7,745	5,684	12,313	51,022	6,218
Baso Liben	91,860	3,128	3,154	7,042	32,620	3,864	3,157	2,771	6,227	28,484	1,414
Awabel	137,515	5,071	6,294	6,755	48,726	5,849	6,437	6,237	7,017	42,950	2,178
Dejen	59,273	2,685	1,527	4,204	22,028	2,626	3,467	1,848	3,581	16,297	1,010
Shebel Berenta	43,992	2,133	1,128	3,496	17,093	1,756	2,379	1,138	2,493	11,833	541
Debre Markos	5,885	431	303	409	438	*	380	308	603	2,831	133
West Gojam Zone	1,399,492	50,033	47,054	92,337	484,432	63,433	50,182	45,424	103,480	422,924	40,193
Achefer	224,630	8,145	7,326	12,799	77,782	9,033	9,024	7,294	16,277	68,585	8,363
Bahirdar Zuria	206,865	8,196	7,590	13,271	64,876	5,863	9,014	6,539	18,115	68,606	4,795
Yilmana Densa	151,977	6,333	5,609	10,402	53,888	7,304	5,054	4,442	11,449	43,776	3,721
Merawi	204,783	6,531	6,180	11,631	67,722	10,831	6,137	6,177	14,223	67,720	7,632
Sekela	86,616	3,384	3,397	7,257	28,472	1,682	3,210	2,695	7,618	27,416	1,484
Kuarit	81,771	2,824	2,221	5,277	28,753	6,800	3,025	2,618	5,033	22,239	2,980
Dega Damot	87,419	3,144	3,175	5,326	31,090	4,204	3,367	3,427	5,229	26,725	1,730
Dembecha	101,570	2,786	3,093	6,430	39,529	5,711	3,356	3,325	6,402	28,076	2,863
Jabi Tehnan	124,595	4,470	4,124	9,801	43,557	5,745	4,178	4,678	9,358	34,594	4,090
Bure Wemberma	129,265	4,220	4,338	10,142	48,761	6,260	3,818	4,230	9,776	35,188	2,532
Wag Hamra Zone	355,055	16,975	18,060	24,418	85,721	6,700	17,836	19,762	27,321	132,521	5,742
Zikuala	152,863	*	10,326	12,201	25,210	1,298	*	9,131	13,473	64,725	1,761
Sekota	130,344	5,901	5,262	8,278	37,361	2,061	7,067	7,557	8,656	46,732	1,469
Dehana	71,849	3,412	2,472	3,939	23,150	3,341	3,694	3,073	5,192	21,065	2,511
Awi Zone	638,869	25,926	24,631	53,936	173,426	13,136	26,973	25,933	58,009	220,898	16,001
Dangela	156,264	6,057	4,618	13,052	49,513	5,070	7,050	5,105	12,024	49,394	4,381
Banja	99,567	5,565	3,900	8,868	12,602	910	4,784	4,855	12,929	42,409	2,745
Ankasha	117,188	4,887	5,157	9,889	35,727	2,295	4,325	4,635	10,222	37,928	2,123
Guangua	169,678	5,260	7,096	12,896	53,324	3,165	6,770	7,357	13,983	56,952	2,875
Faggeta Lekoma	96,171	4,157	3,861	9,232	22,260	1,696	4,043	3,981	8,850	34,215	3,877
Oromia Zone	326,825	22,846	14,139	21,673	83,233	5,940	23,321	14,423	25,184	108,617	7,448
Chefegolana Dawerahimedo	128,566	9,066	5,517	8,339	36,323	2,812	7,986	5,228	9,038	42,591	1,667
Bati	76,890	5,028	3,463	5,176	18,210	913	6,058	3,995	6,622	26,034	1,393
Jile Tumuga	61,639	4,702	2,762	4,094	13,603	1,075	4,906	2,649	4,838	21,200	1,811
Artuma Fursi	59,730	4,050	2,398	4,064	15,098	1,141	4,372	2,552	4,686	18,792	2,578
Bahirdar Special Zone	7,801	666	379	418	1,038	146	642	438	761	3,004	309
Bahirdar	7,801	666	379	418	1,038	146	642	438	761	3,004	309

b) Rural Holdings

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Amhara Region	10,360,069	445,531	426,600	731,918	3,233,762	379,953	465,257	442,440	797,940	3,177,772	258,896
North Gonder Zone	1,906,822	72,130	97,784	141,107	508,656	62,653	79,637	103,713	166,729	614,610	59,803
Addi Arkay	96,437	4,216	5,116	6,320	25,879	2,805	5,479	5,043	8,099	30,794	2,686
Beyeda	40,143	1,914	1,878	2,799	12,253	1,453	1,866	1,840	3,024	11,804	1,312
Janamora	66,290	2,481	3,387	4,496	22,126	2,581	2,772	3,514	4,482	18,596	1,855
Debark	70,087	2,970	2,868	5,378	16,331	2,776	4,173	3,280	4,961	23,386	3,964
Dabat	87,117	3,565	4,265	7,421	20,326	4,896	3,326	4,420	6,478	26,720	5,700
Sanja	229,795	12,564	13,742	16,141	45,282	6,455	13,740	15,135	21,367	76,894	8,475
Lay Armacheho	99,939	4,007	4,491	7,289	28,019	2,190	5,123	5,768	8,178	32,532	2,342
Wegera	111,337	2,908	5,015	10,078	31,766	6,310	3,310	5,034	8,489	33,740	4,687
Gonder Zuria	138,893	5,276	4,243	10,820	44,071	6,945	5,355	4,373	10,931	40,944	5,935
Dembia	163,451	5,898	6,361	11,536	49,336	4,219	6,285	7,065	14,828	55,427	2,497
Chilga	216,742	8,742	13,517	17,479	49,151	5,038	10,218	13,448	22,725	68,353	8,072
Metema	96,073	3,157	8,499	8,238	18,106	844	3,373	7,600	10,667	33,859	1,730
Quara	85,055	3,250	6,297	7,203	17,763	2,386	3,684	6,809	7,325	27,574	2,765
Alefa	224,902	7,690	10,239	16,565	63,802	7,102	6,316	11,326	21,168	76,357	4,336
Belesa	180,559	3,493	7,866	9,344	64,444	6,652	4,618	9,060	14,006	57,630	3,447
South Gonder Zone	1,168,223	49,348	48,050	80,939	365,180	61,064	47,603	51,272	81,703	346,628	36,435
Ebenat	123,601	4,774	5,128	8,690	40,913	5,236	3,289	5,509	9,246	37,228	3,588
Kemekem	103,003	3,277	4,327	7,682	34,811	4,594	3,395	4,163	7,153	30,914	2,687
Fogera	154,297	6,279	6,141	11,435	46,047	5,643	5,887	6,243	12,026	49,740	4,856
Farta	142,494	6,057	6,421	9,979	40,388	8,374	7,321	7,424	9,853	41,598	5,080
Lay Gayint	89,661	4,284	4,251	5,081	29,340	3,677	4,174	3,984	5,804	26,916	2,149
Tach Gayint	44,009	1,888	1,759	3,081	13,799	3,238	1,703	1,654	3,035	12,479	1,372
Simada	130,097	4,521	6,253	8,509	44,013	5,185	6,248	5,789	8,386	38,253	2,940
Estie	227,288	10,927	7,099	16,386	67,245	21,765	8,848	9,101	15,604	59,671	10,642
Dera	153,772	7,341	6,670	10,097	48,623	3,351	6,740	7,405	10,595	49,828	3,121
North Wollo Zone	900,791	46,598	42,613	68,335	257,636	20,345	47,569	42,966	75,277	281,657	17,794
Bugna	136,249	5,272	5,565	9,663	43,145	5,439	6,304	7,280	10,966	39,990	2,625
Kobo	149,614	7,099	6,014	11,517	47,388	2,572	8,404	5,700	12,918	44,536	3,467
Gidan	81,532	4,107	3,972	7,414	23,294	548	4,007	3,335	7,737	25,665	1,453
Meket	134,770	7,048	8,043	9,573	33,267	3,264	6,080	8,505	12,299	44,198	2,495
Wadla	76,806	4,408	3,567	5,653	18,954	1,452	4,238	4,120	6,100	26,643	1,671
Dawuntna Delanta	107,894	6,174	6,066	8,097	25,458	3,561	5,864	6,307	8,822	34,334	3,212
Guba Lafto	99,134	5,079	4,303	7,826	31,170	1,304	5,507	3,438	8,479	30,661	1,368
Habru	114,792	7,412	5,084	8,592	34,961	2,205	7,165	4,282	7,957	35,632	1,502
South Wollo Zone	1,456,478	74,533	61,754	104,535	451,042	31,528	81,594	68,514	114,830	444,413	23,734
Mekdela	90,281	5,214	3,235	5,488	28,518	931	4,783	4,632	5,966	30,897	617
Tenta	99,297	5,848	5,700	8,060	24,368	2,047	6,205	5,869	9,053	30,622	1,524
Kutaber	67,484	3,224	3,100	5,359	20,695	1,972	3,792	3,246	4,609	20,289	1,197
Ambasel	72,619	2,950	2,509	5,521	28,067	1,182	3,887	2,955	5,720	19,158	670
Tehuledere	66,791	3,299	2,677	5,453	22,306	1,623	3,878	2,457	5,430	18,387	1,281
Werebabu	65,655	4,129	2,707	4,116	20,449	1,599	4,004	3,086	4,651	20,082	832
Kalu	113,253	6,182	4,447	7,695	39,246	2,840	7,145	3,970	7,759	32,215	1,755
Dessie Zuria	188,574	8,489	7,140	15,509	57,644	4,396	9,916	9,013	16,943	56,315	3,208
Legambo	81,846	4,187	3,592	7,405	21,982	566	4,938	4,833	8,753	24,400	1,191
Sayint	143,131	7,604	6,125	8,278	45,726	2,074	7,959	7,368	11,440	44,545	2,011
Debresina	104,862	5,610	4,998	7,109	29,507	972	5,535	5,034	6,578	37,593	1,926
Kelala	121,634	5,534	5,097	7,059	38,542	4,811	7,030	5,301	9,170	35,503	3,588
Jama	73,788	3,052	3,564	4,196	24,838	3,097	3,619	3,168	5,164	22,061	1,029
Were Ilu	85,391	4,624	4,201	7,114	23,954	1,038	4,801	4,119	7,628	27,029	884
Wegde	81,871	4,588	2,664	6,174	25,200	2,381	4,101	3,463	5,963	25,316	2,021
North Shewa Zone	1,001,651	40,484	31,474	69,020	384,930	53,378	40,573	30,210	68,707	260,894	21,979
Middana Weremo	48,204	2,313	1,575	3,036	16,986	2,563	2,004	1,558	3,641	13,094	1,436
Merhabete	52,290	1,505	1,555	3,243	22,213	4,875	1,491	1,220	2,268	12,047	1,873
Insarona Wayu	65,164	1,843	1,779	3,854	27,145	4,713	2,254	1,900	3,903	16,334	1,438
Moretna Jiru	37,603	1,364	768	1,955	17,427	2,841	1,113	842	1,923	8,744	626
Gera Keya	83,141	4,121	3,749	5,770	25,749	3,234	3,775	3,364	6,586	24,973	1,820
Geshe	32,428	1,176	1,305	2,430	11,358	1,379	1,419	1,271	2,131	9,090	869
Antsokiya Gemza	25,884	1,150	729	1,473	10,669	1,159	1,045	838	1,612	7,028	180
Efratana Gidim	48,123	1,659	1,574	3,782	19,415	2,477	2,068	1,443	3,082	11,926	696
Lalo Midir	69,281	2,792	2,276	5,562	23,306	2,808	2,994	2,519	6,409	18,985	1,630
Mojana Wedera	40,619	1,542	1,300	2,714	16,050	2,875	1,547	1,191	3,283	9,215	901
Tarmaber	49,865	1,927	1,664	3,765	19,110	2,537	1,928	1,656	3,859	12,462	959
Kewet	64,781	3,379	1,862	4,210	25,158	3,323	3,468	1,818	4,554	15,657	1,352

TABLE 7-2-b –(Cont'd)

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Asagirt	37,206	1,826	1,405	2,797	12,834	1,284	2,045	1,088	2,564	10,811	552
Angolelana Tera	71,370	3,554	2,564	5,475	21,152	1,980	3,602	2,595	6,186	22,143	2,120
Ankober	50,138	2,144	1,240	4,401	20,854	1,014	2,085	1,844	3,339	13,009	208
Hagere Mariam	37,981	1,433	1,167	2,360	14,296	3,272	1,644	1,101	2,209	9,127	1,372
Berehet	20,532	796	579	1,450	9,265	446	774	631	1,271	5,142	178
Minjarna Shenkora	77,785	2,290	1,397	3,947	39,044	4,758	1,936	1,285	4,131	17,969	1,029
Basona Werana	89,257	3,671	2,986	6,797	32,899	5,839	3,381	2,045	5,758	23,139	2,742
East Gojam Zone	1,246,194	49,415	43,136	78,819	445,148	62,326	52,534	42,242	80,624	361,037	30,913
Bibugn	59,911	1,795	2,282	4,292	20,527	1,763	2,584	2,976	5,309	16,073	2,310
Hulet Ej Enesie	135,248	4,355	3,665	9,326	47,507	7,043	5,263	4,172	9,386	41,173	3,358
Goncha Siso Enesie	75,228	3,477	1,812	4,152	29,274	3,288	3,273	2,124	4,251	22,431	1,146
Enebse Sar Midir	58,552	2,697	1,990	3,794	21,979	2,659	2,498	1,512	4,092	15,469	1,863
Enarj Enawga	88,726	4,090	2,864	4,751	36,397	3,057	2,976	4,196	5,376	24,046	972
Enemay	82,111	3,590	3,096	5,743	26,611	6,247	3,689	2,286	5,582	22,576	2,690
Debay Telatgen	75,543	3,578	2,913	5,418	27,619	3,177	3,089	2,772	4,609	20,817	1,551
Machakel	171,296	6,264	5,769	10,306	60,957	11,233	6,230	4,716	10,727	49,370	5,723
Gozamin	170,016	6,790	6,798	9,811	54,185	9,784	7,698	5,653	12,261	50,833	6,203
Baso Liben	90,892	3,086	3,103	6,937	32,465	3,864	3,117	2,725	6,138	28,044	1,414
Awabel	136,137	4,939	6,216	6,656	48,541	5,831	6,336	6,175	6,894	42,408	2,142
Dejen	58,749	2,653	1,503	4,155	22,011	2,626	3,421	1,808	3,521	16,050	1,002
Shebel Berenta	43,784	2,100	1,124	3,477	17,073	1,754	2,359	1,129	2,481	11,748	538
West Gojam Zone	1,377,928	48,573	45,963	90,456	481,675	63,141	48,832	44,344	101,385	414,001	39,557
Achefer	221,285	7,910	7,216	12,583	76,989	8,939	8,833	7,200	16,026	67,317	8,273
Bahirdar Zuria	204,711	8,005	7,501	13,131	64,693	5,856	8,811	6,422	17,915	67,611	4,765
Yilmana Densa	150,626	6,224	5,524	10,279	53,755	7,286	4,963	4,354	11,341	43,212	3,690
Merawi	202,245	6,343	6,038	11,410	67,528	10,816	5,944	6,042	13,934	66,625	7,565
Sekela	86,128	3,361	3,360	7,212	28,448	1,677	3,189	2,669	7,550	27,189	1,472
Kuarit	81,560	2,816	2,197	5,263	28,726	6,800	3,011	2,598	5,014	22,155	2,980
Dega Damot	87,215	3,133	3,152	5,318	31,075	4,203	3,356	3,417	5,214	26,618	1,729
Dembecha	98,874	2,643	2,955	6,195	39,119	5,682	3,220	3,168	6,131	26,952	2,809
Jabi Tehnan	119,060	4,113	3,816	9,204	43,014	5,672	3,878	4,409	8,806	32,324	3,824
Bure Wemberma	126,225	4,026	4,204	9,862	48,327	6,209	3,627	4,066	9,454	33,999	2,451
Wag Hamra Zone	353,186	16,879	17,954	24,320	85,247	6,660	17,744	19,649	27,181	131,838	5,714
Zikuala	152,491	*	10,295	12,180	25,094	1,286	*	9,096	13,452	64,606	1,759
Sekota	129,277	5,841	5,203	8,219	37,119	2,033	7,002	7,491	8,581	46,345	1,443
Dehana	71,418	3,385	2,456	3,921	23,034	3,341	3,672	3,062	5,149	20,887	2,511
Awi Zone	625,656	24,992	23,895	52,955	171,846	13,008	26,143	25,254	56,627	215,320	15,615
Dangela	152,982	5,801	4,457	12,818	49,111	5,029	6,821	4,949	11,677	48,086	4,232
Banja	97,291	5,404	3,753	8,696	12,496	898	4,620	4,716	12,644	41,374	2,690
Ankasha	114,649	4,707	5,013	9,715	35,396	2,283	4,152	4,493	10,002	36,790	2,098
Guangua	165,706	5,002	6,882	12,584	52,656	3,110	6,583	7,188	13,550	55,385	2,765
Faggeta Lekoma	95,029	4,078	3,789	9,142	22,187	1,689	3,967	3,909	8,754	33,684	3,831
Oromia Zone	323,142	22,577	13,978	21,431	82,403	5,849	23,027	14,276	24,876	107,373	7,351
Chefegolana Dawerahimedo	126,693	8,916	5,428	8,203	35,989	2,782	7,835	5,153	8,867	41,914	1,606
Bati	76,506	5,000	3,452	5,156	18,117	908	6,024	3,977	6,590	25,893	1,390
Jile Tumuga	61,120	4,662	2,723	4,050	13,513	1,073	4,848	2,625	4,800	21,025	1,801
Artuma Fursi	58,823	4,000	2,375	4,023	14,784	1,086	4,321	2,522	4,620	18,541	2,554

c) Urban Holdings

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <3 yrs	3 - <10 yrs	10 yrs &Over
Amhara Region	152,708	10,094	7,875	10,883	24,643	2,131	9,781	8,514	14,655	60,201	3,930
North Gonder Zone	29,721	1,678	1,795	2,313	3,923	280	1,586	2,045	3,268	12,023	811
Addi Arkay	1,988	122	115	165	265	13	120	120	154	836	78
Beyeda	139	6	7	11	46	*	6	7	8	36	5
Janamora	211	15	12	12	53	*	5	15	15	79	*
Debark	927	71	74	61	43	-	61	70	108	395	45
Dabat	597	38	46	34	87	*	38	33	54	237	22
Sanja	2,517	282	109	204	*	*	106	141	271	1,052	*
Lay Armacheho	358	24	32	32	34	-	21	23	39	148	*
Wegera	1,156	86	85	70	144	36	62	79	143	398	54
Gonder Zuria	1,394	85	49	136	184	20	100	67	162	545	45
Dembia	2,595	182	128	240	306	19	196	136	252	1,033	104
Chilga	1,296	58	67	113	149	*	54	134	134	528	51
Metema	7,683	299	604	660	621	*	321	767	1,013	3,364	33
Quara	118	6	12	13	24	1	4	1	7	44	5
Alefa	2,680	113	118	222	598	31	125	107	317	996	51
Belesa	920	17	37	29	363	65	14	34	46	289	27
Gonder	5,144	276	300	310	756	64	352	312	543	2,042	189
South Gonder Zone	14,690	992	867	1,078	1,749	269	1,014	918	1,525	5,742	535
Ebenat	271	14	17	23	23	*	27	14	28	114	7
Kemekem	2,285	163	128	188	213	32	149	134	243	962	73
Fogera	2,831	157	139	251	377	47	196	112	340	1,098	114
Farta	700	43	51	41	54	*	52	66	78	308	*
Lay Gayint	1,617	122	103	85	255	23	87	120	166	605	51
Tach Gayint	284	24	24	15	20	12	16	21	35	86	30
Simada	610	36	42	50	116	21	22	28	52	222	20
Estie	2,103	140	128	189	250	87	114	147	194	724	131
Dera	2,547	164	140	190	384	35	220	156	213	1,004	41
Debre Tabor	1,441	127	96	46	57	*	130	120	176	619	63
North Wollo Zone	9,973	584	433	568	2,932	187	581	461	654	3,415	160
Bugna	675	56	35	41	79	13	59	47	54	276	16
Kobo	5,110	264	169	266	1,926	124	227	172	274	1,597	90
Gidan	809	30	39	81	168	*	36	48	83	271	37
Meket	603	32	40	34	38	*	42	53	67	279	*
Wadla	327	*	30	30	85	-	*	*	*	115	-
Dawuntna Delanta	389	35	27	*	51	*	32	33	20	174	*
Habru	1,789	139	79	100	535	12	158	64	111	587	4
Weldia	271	21	13	10	50	*	13	21	22	117	*
South Wollo Zone	13,273	918	668	755	2,913	136	917	783	992	5,010	179
Mekdela	270	*	*	*	*	-	28	*	21	108	*
Tenta	1,277	94	76	88	205	10	94	69	103	525	*
Kutaber	512	38	35	24	59	-	28	33	42	253	-
Ambasel	399	21	11	11	147	*	30	21	26	129	*
Tehuledere	1,390	99	73	123	327	*	85	65	122	475	14
Werebabu	603	19	34	20	220	-	23	19	51	208	9
Kalu	1,753	135	33	92	612	70	108	69	114	487	32
Dessie Zuria	471	25	23	45	107	13	36	22	49	142	10
Legambo	686	37	18	57	220	*	30	39	26	241	*
Sayint	448	32	22	29	65	-	53	22	35	186	*
Debresina	622	34	34	38	58	-	59	67	38	283	11
Kelala	863	73	45	46	180	7	85	58	55	297	18
Jama	624	33	25	30	129	*	45	61	49	248	*
Were Ilu	1,128	101	91	54	184	*	75	60	65	485	9
Wegde	327	24	13	16	74	-	21	24	19	136	*
Kombolcha	604	35	40	28	149	*	39	26	45	222	12
Dessie	1,297	104	92	39	149	-	78	107	132	585	11
North Shewa Zone	19,390	1,222	776	1,291	4,475	360	1,231	911	1,826	6,887	411
Middana Weremo	926	45	27	89	235	46	44	59	58	279	43
Merhabete	1,070	92	59	103	231	37	53	43	89	353	6
Insarona Wayu	1,057	44	42	66	252	13	58	36	93	444	10
Moretna Jiru	797	25	24	47	307	19	18	30	61	263	*
Gera Keya	557	25	40	36	61	*	45	50	56	235	*
Geshe	95	7	7	*	19	*	*	8	11	27	*
Antsokiya Gemza	1,038	48	34	48	498	36	32	18	62	255	*
Efratana Gidim	2,658	194	52	151	903	38	187	89	188	802	53

TABLE 7-2- c –(Cont'd)

Geographic Area	CATTLE										
	ALL CATTLE	MALE					FEMALE				
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 - <10 yrs	10 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 - <10 yrs	10 yrs &Over
Lalo Midir	583	48	37	40	51	12	48	35	82	208	22
Mojana Wedera	205	*	*	18	*	-	15	*	*	99	-
Tarmaber	1,391	95	52	112	184	20	86	81	168	548	45
Kewet	2,319	205	73	227	480	79	170	90	188	735	72
Asagirt	312	19	22	19	65	-	24	11	27	113	12
Angoletana Tera	967	68	56	71	63	*	70	55	86	427	63
Ankober	526	35	28	53	119	*	36	20	38	191	*
Hagere Mariam	217	10	11	15	72	*	10	6	20	66	-
Berehet	186	11	*	*	94	-	10	9	*	42	*
Minjarna Shenkora	1,502	33	30	82	705	31	77	37	87	413	*
Debre Berhane	2,984	203	171	104	111	*	238	227	492	1,386	50
East Gojam Zone	17,531	1,276	862	1,259	1,972	203	1,244	938	1,706	7,693	379
Bibugn	169	*	12	*	15	*	19	14	13	80	*
Hulet Ej Enesie	1,580	93	76	117	250	17	97	81	157	679	13
Goncha Siso Enesie	686	51	28	23	174	*	41	32	38	278	13
Enebse Sar Midir	875	53	48	79	170	34	63	32	66	309	20
Enarj Enawga	1,038	77	33	61	124	*	110	57	123	431	14
Enemay	1,466	127	76	103	121	25	120	106	155	576	57
Debay Telatgen	457	35	23	39	50	*	45	22	44	190	*
Machakel	1,802	129	80	114	189	33	115	98	169	816	59
Gozamin	499	32	26	35	65	*	47	31	51	190	15
Baso Liben	968	42	51	105	154	-	40	46	89	440	-
Awabel	1,377	133	78	100	185	18	101	62	124	542	35
Dejen	523	32	24	49	17	-	46	41	61	247	8
Shebel Berenta	207	33	*	19	19	*	20	9	13	84	*
Debre Markos	5,885	431	303	409	438	*	380	308	603	2,831	133
West Gojam Zone	21,564	1,460	1,091	1,880	2,757	292	1,351	1,080	2,095	8,923	636
Achefer	3,346	235	110	217	793	94	191	95	252	1,268	90
Bahirdar Zuria	2,154	191	89	140	183	*	202	117	199	995	30
Yilmana Densa	1,351	108	85	123	133	18	91	88	109	564	32
Merawi	2,539	188	142	221	194	15	192	135	288	1,095	68
Sekela	488	23	37	45	24	*	21	26	68	227	*
Kuarit	211	8	24	14	28	-	15	20	19	84	-
Dega Damot	203	11	23	7	15	*	11	10	16	107	*
Dembecha	2,696	143	138	236	410	29	136	156	270	1,124	54
Jabi Tehnan	3,535	357	308	598	542	73	300	270	552	2,269	267
Bure Wemberma	3,041	195	134	280	434	51	191	164	322	1,189	82
Wag Hamra Zone	1,870	96	106	97	474	40	92	113	140	683	29
Zikuala	372	9	31	21	116	12	5	36	21	119	2
Sekota	1,067	60	60	58	242	28	65	66	75	387	26
Dehana	431	26	*	18	116	-	*	*	43	178	-
Awi Zone	13,213	934	736	981	1,579	128	829	679	1,382	5,578	386
Dangela	3,283	255	161	234	402	41	229	156	348	1,308	149
Banja	2,277	161	147	172	107	*	164	138	285	1,036	55
Ankasha	2,539	180	144	174	331	13	173	143	220	1,138	25
Guangua	3,972	258	213	312	668	55	187	170	433	1,567	110
Faggeta Lekoma	1,142	79	72	90	73	*	76	72	96	530	46
Oromia Zone	3,683	268	162	242	831	91	294	147	308	1,244	97
Chefegolana Dawerahimedo	1,873	150	89	136	334	29	151	75	171	677	60
Bati	384	28	11	20	92	*	33	18	32	140	*
Jile Tumuga	519	40	39	44	90	*	58	24	38	175	10
Artuma Fursi	906	50	23	41	314	55	51	30	67	252	24
Bahirdar Special Zone	7,801	666	379	418	1,038	146	642	438	761	3,004	309
Bahirdar	7,801	666	379	418	1,038	146	642	438	761	3,004	309

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	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Amhara Region	5,320,330	702,371	238,478	160,843	274,165	730,689	339,578	401,189	2,473,016
North Gonder Zone	524,087	70,509	17,734	12,620	20,489	80,115	32,728	42,646	247,246
Addi Arkay	18,840	2,226	359	567	*	3,145	1,435	1,680	7,952
Beyeda	77,125	8,719	3,969	2,468	3,604	9,774	5,990	6,971	35,630
Janamora	104,161	12,506	5,074	2,500	4,218	15,911	6,889	8,730	48,334
Debark	47,853	5,505	1,347	1,204	1,428	6,657	3,212	3,954	24,547
Dabat	23,799	3,970	990	311	470	3,348	1,062	1,986	11,663
Sanja	2,147	207	*	*	233	655	135	93	755
Lay Armacheho	11,420	1,769	*	*	*	2,241	711	774	5,099
Wegera	94,651	14,230	1,232	1,648	2,551	16,119	4,056	7,194	47,622
Gonder Zuria	42,287	7,642	1,032	635	1,188	6,578	2,620	3,528	19,064
Dembia	8,886	960	202	*	*	1,226	*	1,136	4,525
Chilga	10,684	1,881	545	575	*	1,815	1,243	965	3,462
Metema	4,956	744	221	*	125	728	193	578	2,299
Quara	1,136	119	*	*	*	*	*	149	349
Alefa	21,066	3,931	631	*	*	3,659	2,088	2,888	7,563
Belesa	53,619	5,910	1,672	2,074	*	7,907	2,235	1,930	27,838
Gonder	1,455	190	130	153	70	174	105	90	543
South Gonder Zone	486,212	71,189	18,764	7,210	11,032	81,322	32,492	28,999	235,204
Ebenat	32,585	4,118	1,438	717	1,389	5,874	2,356	2,504	14,189
Kemekem	31,414	4,882	919	905	*	5,748	1,401	2,154	14,380
Fogera	7,607	1,262	*	*	*	1,483	*	468	3,211
Farta	80,441	13,084	2,302	595	801	13,002	5,603	5,664	39,389
Lay Gayint	69,495	7,944	3,423	1,218	1,584	11,376	4,189	4,811	34,950
Tach Gayint	24,480	3,437	930	578	1,250	3,808	1,518	1,714	11,245
Simada	80,633	12,498	3,233	2,354	2,132	13,941	5,261	4,721	36,493
Estie	131,171	19,672	5,300	592	2,098	21,427	10,074	5,035	66,973
Dera	27,542	4,174	604	31	564	4,545	1,768	1,872	13,985
Debre Tabor	846	119	47	19	45	118	53	57	389
North Wollo Zone	610,341	71,575	29,885	18,560	36,417	78,488	48,152	54,277	272,987
Bugna	64,053	9,010	3,855	2,198	4,058	7,838	5,119	5,633	26,341
Kobo	9,027	1,540	450	712	*	878	274	930	3,716
Gidan	115,015	13,642	4,861	2,985	5,617	15,691	8,849	10,251	53,118
Meket	115,643	13,992	5,371	3,898	7,837	14,435	10,197	10,518	49,395
Wadla	111,990	12,658	5,619	3,020	6,429	15,473	10,207	10,036	48,548
Dawuntna Delanta	118,938	13,271	5,869	4,072	8,127	14,563	7,390	9,385	56,262
Guba Lafto	63,147	5,901	3,380	1,404	3,428	7,855	5,096	6,286	29,796
Habru	12,373	1,536	475	*	383	1,736	1,013	1,225	5,742
Weldia	157	24	*	*	10	20	7	14	69
South Wollo Zone	1,489,247	196,776	66,009	54,620	94,985	197,105	91,793	111,712	676,248
Mekdela	105,802	12,540	4,520	4,242	9,890	13,980	7,753	6,944	45,933
Tenta	166,253	21,992	8,818	8,591	12,443	19,887	11,939	13,436	69,147
Kutaber	72,077	9,894	3,874	2,762	4,049	9,562	4,206	5,620	32,109
Ambasel	64,057	7,564	3,484	2,435	4,896	8,586	5,086	5,060	26,947
Tehuledere	29,881	4,081	1,441	751	2,143	3,500	2,236	2,761	12,969
Werebabu	9,354	1,280	1,080	650	1,098	796	369	1,055	3,026
Kalu	13,125	1,794	783	725	1,617	1,757	368	843	5,238
Dessie Zuria	227,943	30,948	8,882	11,587	23,516	29,252	10,626	13,650	99,481
Legambo	202,617	25,465	8,469	8,356	11,235	25,133	13,682	23,500	86,777
Sayint	135,051	20,202	6,625	3,211	4,731	19,043	7,420	7,627	66,192
Debresina	111,693	16,647	5,086	2,316	3,863	16,889	6,902	4,708	55,282
Kelala	65,368	7,230	1,837	1,731	3,983	11,196	3,733	3,958	31,701
Jama	108,193	14,813	4,419	2,575	4,086	15,076	6,502	8,012	52,709
Were Ilu	158,819	19,112	6,022	4,346	6,755	19,712	9,979	13,110	79,782
Wegde	17,214	2,967	591	220	464	2,537	900	1,329	8,206
Kombolcha	355	38	26	40	37	37	22	14	141
Dessie	1,446	210	53	83	178	162	68	84	608
North Shewa Zone	888,095	112,441	48,710	39,644	68,868	117,539	55,543	65,549	379,803
Middana Weremo	4,780	713	*	98	180	596	300	283	2,174
Merhabete	4,210	491	233	344	227	701	208	246	1,760
Insarona Wayu	50,345	6,074	1,923	1,701	2,892	6,438	2,885	1,968	26,464
Moretna Jiru	14,664	2,030	892	683	2,047	1,677	726	319	6,290
Gera Keya	200,403	24,132	10,842	9,172	19,296	28,187	14,453	13,880	80,441
Geshe	64,406	8,039	3,500	2,118	5,059	7,610	4,223	4,662	29,194
Antsokiya Gemza	15,192	1,880	742	618	1,270	1,964	996	878	6,844
Efratana Gidim	14,130	2,423	935	818	1,139	1,886	316	1,071	5,542

TABLE 7-3-a –(Cont'd)

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Lalo Madir	101,980	11,347	5,361	5,981	9,082	13,426	6,110	7,927	42,747
Mojana Wedera	71,296	9,035	4,079	3,831	5,235	9,654	4,855	6,796	27,810
Tarmaber	20,167	2,836	1,735	920	1,157	2,330	1,333	1,544	8,312
Kewet	9,427	1,153	1,132	701	346	996	499	795	3,806
Asagirt	29,165	4,017	1,401	1,073	1,620	3,944	1,995	2,359	12,754
Angolelana Tera	89,814	12,489	2,698	2,013	3,663	14,313	5,113	7,407	42,118
Ankober	15,904	2,427	2,001	1,340	876	1,275	715	1,105	6,164
Hagere Mariam	33,332	4,816	1,354	1,520	2,511	4,921	2,103	2,787	13,321
Berehet	4,732	574	184	330	624	456	257	325	1,982
Minjarna Shenkora	20,156	2,694	1,881	680	1,972	1,640	1,174	1,266	8,851
Debre Berhane	5,912	711	401	390	709	581	380	345	2,393
Basona Werana	118,081	14,558	6,981	5,312	8,961	14,947	6,902	9,586	50,834
East Gojam Zone	591,329	74,517	15,943	9,328	18,097	80,818	34,156	38,479	319,991
Bibugn	51,286	6,735	1,553	1,317	1,401	6,888	3,478	5,038	24,877
Hulet Ej Enesie	71,042	8,408	1,892	1,211	2,059	9,978	3,483	4,102	39,910
Goncha Siso Enesie	46,494	5,029	1,022	1,005	2,059	6,620	2,167	2,642	25,950
Enebse Sar Midir	15,606	1,816	561	443	356	1,944	1,252	1,130	8,103
Enarj Enawga	35,244	4,696	493	340	1,196	3,980	1,438	2,642	20,459
Enemay	32,188	3,758	837	420	963	4,736	2,075	2,271	17,128
Debay Telatgen	52,238	6,254	723	531	1,957	7,200	3,174	1,989	30,409
Machakel	73,407	10,586	3,609	1,427	2,063	9,585	4,741	4,662	36,733
Gozamin	113,330	14,341	2,344	1,044	2,618	14,678	6,844	7,583	63,877
Baso Liben	23,362	2,998	468	257	383	3,832	1,757	1,562	12,106
Awabel	53,763	6,450	1,096	718	2,121	7,491	2,088	3,309	30,490
Dejen	14,931	2,407	629	297	464	2,814	927	937	6,456
Shebel Berenta	5,522	622	462	167	292	785	512	278	2,404
Debre Markos	2,917	417	254	150	166	286	219	334	1,090
West Gojam Zone	372,879	55,782	22,143	8,893	8,957	45,429	23,022	29,539	179,115
Achefer	30,565	4,624	1,838	550	879	4,266	2,481	2,686	13,241
Bahirdar Zuria	14,329	1,574	1,169	-	192	2,393	670	1,305	6,936
Yilmana Densa	60,428	9,284	1,954	1,672	1,836	6,785	3,584	3,340	31,972
Merawi	28,753	4,289	2,293	1,041	-	3,588	2,699	3,031	11,176
Sekela	58,628	8,855	2,140	491	835	6,522	2,675	4,030	33,078
Kuarit	37,212	4,684	2,237	612	1,384	3,695	1,797	3,747	19,056
Dega Damot	67,208	9,860	2,087	1,365	1,237	7,820	3,264	5,005	36,571
Dembecha	18,695	2,876	2,512	1,380	871	2,687	703	936	6,730
Jabi Tehnan	17,996	2,902	2,314	819	536	2,169	1,064	1,423	6,769
Bure Wemberma	39,066	6,832	3,600	874	552	5,503	4,084	4,035	13,586
Wag Hamra Zone	86,328	8,064	5,311	4,766	8,590	9,872	6,594	9,437	33,694
Zikuala	26,910	2,115	1,435	1,905	2,293	2,287	1,988	3,307	11,580
Sekota	39,391	4,128	2,782	-	-	5,889	3,586	3,132	13,768
Dehana	20,027	1,821	1,094	959	2,093	1,697	1,019	2,999	8,346
Awi Zone	248,566	38,376	10,030	2,974	4,050	37,543	13,932	19,234	122,426
Dangela	25,819	5,114	4,228	1,154	722	3,293	1,840	2,683	6,784
Banja	86,870	12,478	1,646	244	900	13,037	4,188	5,209	49,167
Ankasha	53,743	8,306	1,424	376	878	8,430	3,192	5,006	26,130
Guangua	26,783	4,110	1,094	722	754	4,229	1,916	1,990	11,970
Faggeta Lekoma	55,351	8,367	1,639	478	795	8,555	2,797	4,347	28,375
Oromia Zone	20,969	2,835	3,526	2,021	2,418	2,255	975	1,134	5,806
Chefegolana Dawerahimedo	7,347	1,220	1,410	480	722	665	437	-	2,333
Bati	6,834	839	612	402	482	1,175	440	749	2,134
Jile Tumuga	3,083	377	764	385	227	296	-	238	745
Artuma Fursi	3,706	399	741	754	987	119	-	-	594
Bahirdar Special Zone	2,277	307	423	208	264	203	192	183	497
Bahirdar	2,277	307	423	208	264	203	192	183	497

b) Rural Holdings

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Amhara Region	5,232,302	690,736	232,514	156,198	267,086	720,011	334,446	395,503	2,435,807
North Gonder Zone	513,765	69,111	17,201	12,269	20,194	78,630	31,943	41,865	242,554
Addi Arkay	18,762	2,217	353	567	*	3,138	1,431	1,675	7,909
Beyeda	76,921	8,698	3,959	2,459	3,596	9,750	5,976	6,961	35,522
Janamora	104,043	12,482	5,071	2,494	4,212	15,899	6,887	8,725	48,274
Debark	46,179	5,295	1,283	1,133	1,371	6,433	3,131	3,819	23,713
Dabat	23,049	3,873	957	291	452	3,219	1,004	1,949	11,304
Sanja	*	-	-	-	*	*	-	-	*
Lay Armacheho	11,200	1,740	*	*	*	2,210	699	758	4,991
Wegera	93,823	14,110	1,216	1,644	2,544	15,985	4,006	7,148	47,170
Gonder Zuria	41,900	7,580	1,024	630	1,183	6,523	2,599	3,491	18,872
Dembia	8,261	877	*	*	*	1,125	*	1,053	4,261
Chilga	10,071	1,806	498	570	*	1,744	1,185	886	3,209
Metema	4,429	693	166	*	115	659	159	542	2,051
Quara	1,136	119	*	*	*	*	*	149	349
Alefa	19,807	3,748	559	*	*	3,485	1,930	2,808	7,000
Belesa	53,349	5,873	1,665	2,060	*	7,866	2,223	1,900	27,723
South Gonder Zone	477,500	69,950	18,380	6,948	10,641	79,965	31,942	28,409	231,266
Ebenat	32,436	4,103	1,425	715	1,382	5,849	2,347	2,495	14,120
Kemekem	30,627	4,780	897	875	*	5,636	1,342	2,072	14,030
Fogera	7,110	1,189	*	*	*	1,426	*	407	3,044
Farta	80,045	13,023	2,283	583	789	12,948	5,581	5,640	39,198
Lay Gayint	67,634	7,685	3,383	1,185	1,477	11,053	4,100	4,699	34,052
Tach Gayint	24,254	3,401	928	569	1,239	3,782	1,501	1,705	11,129
Simada	79,621	12,329	3,167	2,322	2,102	13,797	5,174	4,693	36,038
Estie	129,280	19,382	5,232	523	2,021	21,138	9,987	4,925	66,072
Dera	26,492	4,058	544	-	519	4,336	1,680	1,772	13,583
North Wollo Zone	606,621	71,082	29,683	18,358	36,068	78,092	47,939	53,993	271,405
Bugna	63,567	8,943	3,808	2,187	4,024	7,791	5,082	5,602	26,130
Kobo	8,579	1,472	*	666	*	823	255	879	3,593
Gidan	114,624	13,592	4,842	2,958	5,609	15,655	8,826	10,229	52,912
Meket	114,822	13,878	5,328	3,873	7,761	14,316	10,140	10,458	49,068
Wadla	111,616	12,609	5,619	3,020	6,378	15,436	10,196	9,983	48,374
Dawuntna Delanta	118,353	13,204	5,850	4,025	8,042	14,515	7,357	9,358	56,002
Guba Lafto	63,147	5,901	3,380	1,404	3,428	7,855	5,096	6,286	29,796
Habru	11,913	1,484	446	*	345	1,700	988	1,196	5,529
South Wollo Zone	1,474,936	195,039	65,308	53,961	93,092	195,524	91,271	110,992	669,748
Mekdela	105,383	12,480	4,457	4,223	9,845	13,953	7,721	6,915	45,790
Tenta	163,896	21,730	8,732	8,486	12,116	19,628	11,860	13,315	68,028
Kutaber	71,389	9,847	3,835	2,742	3,922	9,505	4,165	5,574	31,799
Ambasel	63,889	7,544	3,482	2,428	4,875	8,574	5,080	5,049	26,859
Tehuledere	28,708	3,946	1,387	684	*	3,354	2,199	2,706	12,452
Werebabu	9,085	1,246	1,051	624	1,047	778	364	1,043	2,932
Kalu	12,835	1,772	767	710	1,586	1,716	359	825	5,101
Dessie Zuria	227,134	30,831	8,828	11,570	23,465	29,141	10,615	13,631	99,053
Legambo	201,477	25,327	8,439	8,310	11,060	24,994	13,644	23,469	86,234
Sayint	134,537	20,133	6,599	3,189	4,645	19,001	7,407	7,609	65,954
Debresina	111,005	16,550	5,043	2,297	3,758	16,838	6,858	4,677	54,983
Kelala	64,522	7,126	1,810	1,701	3,878	11,106	3,709	3,910	31,282
Jama	107,346	14,721	4,386	2,545	3,950	14,961	6,464	7,980	52,339
Were Ilu	156,670	18,848	5,908	4,245	6,506	19,471	9,925	12,964	78,803
Wegde	17,059	2,939	586	208	458	2,506	900	1,326	8,137
North Shewa Zone	868,881	110,066	47,351	38,339	66,703	115,541	54,450	64,351	372,080
Middana Weremo	4,251	632	*	*	*	540	268	264	1,920
Merhabete	3,228	343	*	294	174	528	146	*	1,387
Insarona Wayu	48,885	5,856	1,851	1,615	2,779	6,225	2,821	1,898	25,840
Moretna Jiru	13,633	1,919	809	630	1,852	1,595	674	282	5,872
Gera Keya	198,854	23,974	10,772	9,105	19,046	28,066	14,369	13,772	79,752
Geshe	64,097	8,014	3,486	2,098	5,012	7,570	4,216	4,648	29,054
Antsokiya Gemza	14,664	1,798	671	577	1,230	1,926	985	837	6,640
Efratana Gidim	13,637	2,355	865	767	1,082	1,859	278	1,038	5,392
Lalo Midir	100,977	11,250	5,306	5,918	8,969	13,299	6,071	7,829	42,336
Mojana Wedera	70,997	8,994	4,065	3,824	5,185	9,627	4,832	6,780	27,691
Tarmaber	18,717	2,675	1,611	799	1,035	2,197	1,225	1,428	7,746
Kewet	8,692	1,076	1,032	595	257	918	461	760	3,593

TABLE 7-3-b –(Cont'd)

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Asagurt	28,833	3,973	1,391	1,059	1,595	3,889	1,980	2,328	12,617
Angolelana Tera	88,956	12,364	2,673	1,988	3,620	14,204	5,053	7,363	41,691
Ankober	15,216	2,333	1,914	1,261	794	1,222	689	1,062	5,941
Hagere Mariam	33,026	4,786	1,329	1,494	2,468	4,890	2,083	2,766	13,210
Berehet	4,679	565	179	322	609	456	252	323	1,973
Minjarna Shenkora	19,456	2,603	1,827	602	1,893	1,583	1,145	1,210	8,592
Basona Werana	118,081	14,558	6,981	5,312	8,961	14,947	6,902	9,586	50,834
East Gojam Zone	578,558	72,725	15,179	8,877	17,388	79,112	33,412	37,684	314,180
Bibugn	51,086	6,721	1,544	1,308	1,391	6,846	3,467	5,030	24,780
Hulet Ej Enesie	69,444	8,194	1,798	1,155	1,949	9,741	3,421	4,023	39,163
Goncha Siso Enesie	45,905	4,951	1,009	999	2,016	6,554	2,147	2,625	25,605
Enebse Sar Midir	15,083	1,755	543	423	310	1,864	1,233	1,101	7,854
Enarj Enawga	34,408	4,611	459	320	1,159	3,854	1,366	2,615	20,024
Enemay	30,770	3,519	737	379	910	4,512	1,983	2,208	16,522
Debay Telatgen	51,686	6,165	714	510	1,938	7,094	3,155	1,958	30,151
Machakel	72,295	10,413	3,520	1,378	1,981	9,449	4,684	4,585	36,284
Gozamin	112,669	14,238	2,324	1,033	2,603	14,614	6,800	7,543	63,514
Baso Liben	22,875	2,952	456	250	365	3,742	1,727	1,549	11,833
Awabel	52,814	6,313	1,050	695	2,068	7,387	2,047	3,280	29,974
Dejen	14,143	2,289	567	276	419	2,692	876	901	6,123
Shebel Berenta	5,382	605	459	152	278	762	507	267	2,353
West Gojam Zone	364,696	54,706	21,257	8,021	8,415	44,631	22,521	28,874	176,271
Achefer	29,425	4,436	1,764	516	844	4,141	2,384	2,580	12,760
Bahirdar Zuria	14,050	1,543	1,140	*	*	2,347	647	1,277	6,852
Yilmana Densa	59,459	9,184	1,812	1,362	1,746	6,714	3,563	3,289	31,790
Merawi	27,583	4,135	2,123	920	*	3,510	2,599	2,934	10,802
Sekela	58,169	8,788	2,116	491	832	6,475	2,651	4,004	32,813
Kuarit	36,948	4,661	2,213	599	1,344	3,671	1,794	3,731	18,934
Dega Damot	66,986	9,830	2,073	1,352	1,229	7,802	3,259	5,003	36,438
Dembecha	17,795	2,775	2,402	1,243	780	2,616	663	879	6,437
Jabi Tehnan	16,407	2,713	2,101	650	421	2,005	956	1,278	6,282
Bure Wemberma	37,873	6,642	3,512	818	484	5,349	4,005	3,899	13,163
Wag Hamra Zone	85,915	8,013	5,276	4,761	8,543	9,839	6,569	9,402	33,513
Zikuala	26,806	2,110	1,426	1,905	2,281	2,277	1,977	3,293	11,537
Sekota	39,202	4,100	2,770	*	*	5,872	3,581	3,121	13,679
Dehana	19,908	1,802	1,080	959	2,079	1,690	1,012	2,988	8,298
Awi Zone	241,131	37,302	9,416	2,713	3,723	36,494	13,461	18,833	119,189
Dangela	24,352	4,955	4,056	1,032	622	3,065	1,721	2,558	6,342
Banja	84,532	12,131	1,513	193	791	12,698	4,055	5,141	48,010
Ankasha	51,996	8,012	1,342	361	849	8,169	3,106	4,898	25,258
Guangua	25,621	3,960	957	683	693	4,100	1,821	1,913	11,495
Faggeta Lekoma	54,630	8,243	1,549	444	767	8,462	2,758	4,323	28,084
Oromia Zone	20,300	2,742	3,462	1,952	2,319	2,185	937	1,099	5,602
Chefegolana Dawerahimedo	7,167	1,192	1,390	472	714	641	424	*	2,264
Bati	6,586	801	576	372	428	1,167	435	732	2,075
Jile Tumuga	3,031	370	763	380	215	291	*	233	732
Artuma Fursi	3,516	379	734	728	963	*	*	*	531

c) Urban Holdings

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Amhara Region	88,028	11,636	5,963	4,645	7,079	10,678	5,132	5,686	37,209
North Gonder Zone	10,322	1,399	533	351	296	1,485	786	782	4,692
Addi Arkay	78	*	*	-	*	*	*	*	43
Beyeda	204	21	*	*	*	24	14	*	109
Janamora	118	24	*	*	*	12	*	5	60
Debark	1,675	210	64	71	57	223	80	135	834
Dabat	751	97	32	19	*	128	59	37	360
Sanja	1,313	207	*	*	*	238	135	93	546
Lay Armacheho	221	29	15	*	*	31	13	16	108
Wegera	828	120	17	*	*	134	49	45	452
Gonder Zuria	387	62	9	*	*	55	21	38	192
Dembia	625	83	22	*	23	101	43	83	264
Chilga	614	74	48	*	24	72	58	79	253
Metema	527	52	54	23	*	70	34	36	249
Quara	-	-	-	-	-	-	-	-	-
Alefa	1,258	183	72	*	17	174	158	81	563
Belesa	270	37	*	*	*	41	*	*	115
Gonder	1,455	190	130	153	70	174	105	90	543
South Gonder Zone	8,712	1,240	383	262	391	1,358	550	590	3,938
Ebenat	149	15	13	*	7	25	10	8	69
Kemekem	787	102	22	*	30	113	59	82	351
Fogera	497	73	47	24	26	57	41	60	167
Farta	395	61	18	12	13	54	22	24	191
Lay Gayint	1,861	259	40	32	108	324	89	111	898
Tach Gayint	226	36	*	*	*	26	*	9	117
Simada	1,011	169	66	33	30	144	86	28	456
Estie	1,891	290	68	70	77	289	87	110	901
Dera	1,049	116	60	31	45	208	87	100	402
Debre Tabor	846	119	47	19	45	118	53	57	389
North Wollo Zone	3,720	492	202	202	349	396	213	283	1,582
Bugna	485	68	47	11	34	47	37	31	211
Kobo	448	68	40	47	47	55	19	50	122
Gidan	391	50	19	27	*	35	23	22	205
Meket	821	115	43	25	76	119	57	59	327
Wadla	375	49	-	-	*	*	*	53	174
Dawuntna Delanta	584	67	18	46	85	48	*	26	260
Habru	460	52	29	38	38	36	25	28	213
Weldia	157	24	*	*	10	20	7	14	69
South Wollo Zone	14,312	1,738	701	659	1,892	1,581	521	720	6,500
Mekdela	418	60	*	*	*	*	*	*	143
Tenta	2,357	261	86	104	327	259	79	121	1,119
Kutaber	688	47	39	21	128	56	*	46	310
Ambasel	168	20	*	*	22	12	*	11	88
Tehuledere	1,173	134	54	67	163	146	37	55	517
Werebabu	269	34	30	*	51	18	*	12	94
Kalu	290	22	16	15	31	41	9	18	137
Dessie Zuria	809	118	54	17	51	111	12	19	427
Legambo	1,140	138	30	46	175	140	*	31	542
Sayint	515	69	25	22	85	42	14	19	238
Debresina	688	97	44	18	104	52	44	31	298
Kelala	846	104	27	30	105	90	24	47	419
Jama	848	92	33	30	136	115	38	33	370
Were Ilu	2,149	264	114	101	249	241	54	146	979
Wegde	155	28	*	*	*	31	-	*	69
Kombolcha	355	38	26	40	37	37	22	14	141
Dessie	1,446	210	53	83	178	162	68	84	608
North Shewa Zone	19,214	2,374	1,359	1,305	2,165	1,998	1,093	1,197	7,723
Middana Weremo	528	81	25	20	40	56	32	19	255
Merhabete	982	148	55	50	53	173	61	70	372
Insarona Wayu	1,460	218	72	86	113	213	64	70	624
Moretna Jiru	1,030	112	83	53	195	81	52	36	418
Gera Keya	1,549	158	70	67	250	121	85	108	689
Geshe	309	25	14	20	48	41	*	14	141
Antsokiya Gemza	527	82	71	41	39	38	11	40	205
Efratana Gidim	494	68	70	51	57	27	*	*	150

TABLE 7-3-c -(Cont'd)

Geographic Area	SHEEP								
	ALL SHEEP	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Lalo Mulir	1,003	97	56	62	113	127	39	98	411
Mojana Wedera	299	41	15	-	50	27	23	-	120
Tarmaber	1,451	161	124	121	122	133	107	117	566
Kewet	735	77	100	105	89	78	-	35	213
Asagirt	332	44	-	-	26	55	15	32	137
Angolelana Tera	856	125	25	25	43	109	60	44	427
Ankober	687	95	87	79	82	52	26	43	223
Hagere Mariam	306	30	25	25	43	31	20	20	111
Bereket	53	-	-	-	-	-	-	-	-
Minjarna Shenkora	700	91	53	78	79	56	28	56	258
Debre Berhane	5,912	711	401	390	709	581	380	345	2,393
East Gojam Zone	12,771	1,793	763	451	709	1,705	744	795	5,811
Bibugn	200	14	9	-	-	42	-	-	97
Hulet Ej Enesie	1,597	214	94	56	109	236	62	79	747
Goncha Siso Enesie	588	78	13	-	43	65	-	-	346
Enebse Sar Midir	523	61	18	20	46	81	18	29	249
Enarj Enawga	836	86	33	20	37	126	72	28	435
Enemay	1,418	239	100	41	53	224	92	63	606
Debay Telatgen	552	89	-	21	19	106	19	31	258
Machakel	1,112	174	89	49	81	136	57	77	448
Gozamin	662	103	20	11	16	64	44	40	363
Baso Liben	488	46	-	-	17	90	30	14	273
Awabel	950	136	47	23	53	104	41	29	516
Dejen	788	118	62	21	45	122	51	35	333
Shebel Berenta	140	18	-	16	14	23	-	-	50
Debre Markos	2,917	417	254	150	166	286	219	334	1,090
West Gojam Zone	8,183	1,075	886	873	542	798	501	665	2,844
Achefer	1,140	188	74	34	35	125	97	105	481
Bahirdar Zuria	279	32	29	18	19	45	24	28	85
Yilmana Densa	970	100	143	311	90	71	21	52	182
Merawi	1,169	154	170	121	75	78	100	98	374
Sekela	459	68	24	-	-	48	25	26	265
Kuarit	263	23	24	13	40	24	-	-	121
Dega Damot	222	31	13	13	8	18	5	-	133
Dembecha	900	101	110	137	90	71	40	57	293
Jabi Tehnan	1,589	189	212	169	114	164	108	145	487
Bure Wemberma	1,193	190	88	56	68	153	79	136	423
Wag Hamra Zone	412	51	35	-	46	34	25	35	181
Zikuala	104	5	9	-	12	9	12	14	43
Sekota	189	28	-	-	21	17	-	-	89
Dehana	120	19	-	-	-	-	-	-	49
Awi Zone	7,435	1,074	614	261	327	1,049	471	402	3,238
Dangela	1,467	159	172	121	100	228	119	125	442
Banja	2,337	347	133	52	109	338	133	68	1,157
Ankasha	1,747	294	82	-	29	261	86	108	872
Guangua	1,163	150	137	39	61	129	95	77	475
Faggeta Lekoma	722	124	90	34	-	93	38	24	291
Oromia Zone	669	92	64	69	98	70	37	34	204
Chefegolana Dawerahimedo	179	28	20	-	-	24	-	11	69
Bati	248	38	36	30	54	-	-	-	60
Jile Tumuga	52	-	-	-	-	-	-	-	13
Artuma Fursi	190	20	-	26	24	34	-	-	63
Bahirdar Special Zone	2,277	307	423	208	264	203	192	183	497
Bahirdar	2,277	307	423	208	264	203	192	183	497

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	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Amhara Region	3,815,859	507,609	226,339	186,101	344,041	526,309	263,286	320,164	1,442,010
North Gonder Zone	682,264	97,801	39,302	30,476	47,212	104,227	47,005	62,666	253,574
Addi Arkay	74,599	10,894	3,512	4,388	5,146	10,842	5,543	6,192	28,082
Beyeda	34,547	4,590	2,184	2,193	2,341	3,836	2,058	3,066	14,279
Janamora	40,724	5,728	2,072	1,844	1,906	6,985	2,428	4,500	15,261
Debark	39,072	5,067	2,001	1,360	3,695	6,207	3,123	2,917	14,701
Dabat	30,374	4,546	2,671	1,452	2,225	4,616	1,769	2,238	10,858
Sanja	78,715	9,812	5,253	4,185	8,173	12,177	6,641	6,109	26,363
Lay Armacheho	33,462	6,252	2,033	1,197	1,821	4,590	2,091	2,880	12,597
Wegera	38,353	6,945	1,402	1,511	2,400	6,573	1,540	2,491	15,490
Gonder Zuria	38,895	6,232	2,609	1,439	2,033	6,157	2,351	4,048	14,025
Dembia	5,427	715	272	*	317	704	412	469	2,523
Chilga	55,464	9,205	3,308	1,986	2,412	10,373	4,454	5,658	18,068
Metema	29,863	3,334	1,922	1,030	2,188	3,704	3,017	2,707	11,961
Quara	26,262	3,268	1,613	1,123	2,614	2,933	2,214	3,326	9,171
Alefa	66,826	10,400	3,983	2,341	2,494	11,973	5,262	7,777	22,596
Belesa	89,251	10,747	4,440	4,407	7,442	12,475	4,058	8,271	37,410
Gonder	430	66	28	*	*	80	43	17	188
South Gonder Zone	438,975	64,140	27,108	20,426	31,209	67,245	30,670	39,245	158,932
Ebenat	70,172	11,078	4,749	3,972	5,639	11,394	3,706	5,898	23,736
Kemekem	34,372	5,283	1,291	1,203	2,201	6,240	2,297	2,485	13,373
Fogera	27,867	4,270	1,940	925	1,821	4,246	2,133	2,369	10,164
Farta	41,312	6,874	2,474	750	1,801	6,520	3,812	4,037	15,044
Lay Gayint	43,561	4,794	2,223	1,968	*	6,070	2,451	3,234	18,958
Tach Gayint	32,668	4,896	1,908	999	2,747	4,906	2,285	2,819	12,107
Simada	97,466	13,843	7,279	6,421	9,032	12,233	8,070	11,793	28,796
Estie	66,408	9,305	3,746	3,675	3,377	11,055	4,282	4,487	26,481
Dera	25,044	3,777	1,484	512	*	4,571	1,630	2,116	10,226
Debre Tabor	105	21	*	*	-	11	*	*	46
North Wollo Zone	429,284	59,499	24,027	19,116	28,623	60,765	32,123	36,147	168,984
Bugna	80,133	10,554	5,812	3,927	5,746	11,766	6,373	4,524	31,432
Kobo	62,127	9,330	2,054	2,238	2,617	10,250	3,826	5,284	26,530
Gidan	42,134	4,721	2,616	2,104	3,322	6,040	3,457	4,179	15,696
Meket	62,935	7,698	4,510	3,105	4,756	6,945	5,355	8,203	22,363
Wadla	23,150	2,964	1,551	945	2,019	2,980	1,773	2,338	8,580
Dawuntna Delanta	63,710	9,415	2,804	4,039	6,146	8,394	4,745	4,799	23,368
Guba Lafto	51,257	7,314	2,315	1,484	2,457	7,162	3,783	4,135	22,606
Habru	43,829	7,500	2,366	1,274	1,560	7,229	2,809	2,685	18,406
Weldia	*	*	-	-	*	-	*	-	*
South Wollo Zone	720,544	98,297	42,626	39,018	62,248	100,733	46,976	59,842	270,805
Mekdela	46,903	5,368	2,699	3,408	7,427	5,623	3,131	4,033	15,214
Tenta	57,712	8,088	3,494	3,144	5,953	7,125	3,754	4,380	21,775
Kutaber	43,247	5,674	2,422	2,423	4,667	5,385	2,040	3,218	17,419
Ambasel	54,885	6,795	2,801	2,906	4,824	6,442	3,911	4,666	22,539
Tehuledere	23,684	4,281	1,215	799	1,151	3,894	2,204	2,178	7,961
Werebabu	29,222	4,037	1,866	1,304	1,458	4,412	2,774	3,647	9,725
Kalu	67,909	10,498	3,845	3,019	5,970	9,199	3,840	6,365	25,173
Dessie Zuria	102,686	13,791	6,184	3,139	4,910	17,203	6,307	10,156	40,995
Legambo	23,243	3,490	1,945	1,947	2,009	2,591	2,212	2,585	6,465
Sayint	115,390	15,027	7,587	7,870	11,436	16,023	6,965	7,488	42,995
Debresina	32,701	4,248	1,788	1,895	3,331	3,932	1,625	2,012	13,870
Kelala	47,548	6,475	2,092	3,115	4,200	6,544	3,185	3,666	18,271
Jama	17,581	2,382	1,127	977	1,614	2,690	923	1,143	6,726
Were Ilu	25,267	3,149	1,763	1,899	1,118	4,053	1,610	2,527	9,150
Wegde	32,125	4,929	1,766	1,164	2,147	5,546	2,471	1,758	12,344
Kombolcha	209	32	14	*	*	30	14	9	97
Dessie	232	32	19	*	27	40	*	*	88
North Shewa Zone	517,431	63,239	35,230	36,509	70,467	62,891	31,918	40,569	176,608
Middana Weremo	17,966	2,415	989	1,051	1,564	2,666	1,238	1,278	6,764
Merhabete	24,835	2,576	1,283	1,508	2,995	3,549	2,225	1,243	9,456
Insarona Wayu	16,729	1,850	640	1,040	2,197	1,676	1,021	1,197	7,107
Moretna Jiru	19,535	2,202	1,172	1,243	2,745	2,679	1,121	1,190	7,182
Gera Keya	39,533	5,309	2,780	2,077	5,016	5,442	2,610	2,545	13,754
Geshe	24,545	2,961	1,281	1,641	3,312	2,629	1,469	1,518	9,734

TABLE 7-4-a –(Cont'd)

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Antsokiya Gemza	14,616	1,718	699	727	1,043	2,087	906	1,011	6,426
Efratana Gidim	21,844	2,684	1,469	1,373	2,611	2,758	1,507	1,677	7,765
Lalo Midir	31,162	3,790	2,439	1,998	5,146	3,914	1,734	2,669	9,474
Mojana Wedera	22,331	2,390	2,025	2,118	2,937	2,514	1,628	1,970	6,747
Tarmaber	39,112	4,776	2,832	3,290	5,405	4,848	2,799	3,171	11,991
Kewet	34,733	4,725	3,023	2,969	3,587	3,447	2,139	3,730	11,115
Asagirt	27,991	2,970	2,122	2,291	4,300	3,574	1,548	2,675	8,511
Angolelana Tera	9,174	1,468	690	620	1,022	1,181	535	1,074	2,584
Ankober	45,343	6,076	3,642	4,248	6,604	4,954	2,334	3,575	13,910
Hagere Mariam	26,167	3,042	1,631	1,911	4,351	3,086	1,512	1,965	8,670
Berehet	14,357	1,417	1,057	1,066	2,189	1,363	1,042	1,011	5,211
Minjarna Shenkora	45,369	5,756	2,782	1,961	6,706	5,115	2,008	4,301	16,740
Debre Berhane	117	-	21	-	-	-	-	-	40
Basona Werana	41,973	5,109	2,651	3,364	6,724	5,398	2,535	2,763	13,428
East Gojam Zone	215,761	28,469	11,887	6,938	15,884	28,929	15,274	17,393	90,988
Bibugn	11,619	1,399	920	511	1,074	1,511	680	785	4,739
Hulet Ej Enesie	36,168	5,507	1,919	1,328	-	4,774	2,447	3,353	14,062
Goncha Siso Enesie	17,794	1,571	1,395	530	1,570	2,373	1,131	1,516	7,707
Enebse Sar Midir	32,706	3,974	1,484	719	2,649	5,097	1,802	2,816	14,165
Enarj Enawga	25,322	3,248	911	967	1,802	3,639	1,991	1,496	11,268
Enemay	9,240	1,345	338	-	645	1,069	588	382	4,575
Debay Telatgen	4,763	-	-	-	-	885	-	-	2,341
Machakel	9,313	1,887	-	305	245	1,203	687	902	3,814
Gozamin	12,086	1,708	680	747	485	1,123	847	1,839	4,657
Baso Liben	21,260	3,316	1,323	372	1,222	2,669	1,826	1,011	9,521
Awabel	10,782	1,047	634	333	1,007	1,200	990	972	4,598
Dejen	12,544	1,755	695	463	1,312	1,706	850	1,192	4,571
Shebel Berenta	12,147	1,319	1,017	291	870	1,680	1,023	985	4,961
Debre Markos	-	-	-	-	-	-	-	-	-
West Gojam Zone	181,795	26,803	12,411	7,554	10,862	26,993	12,915	15,571	68,686
Achefer	40,679	6,052	2,091	1,003	3,399	6,592	1,949	2,908	16,683
Bahirdar Zuria	26,049	3,354	1,840	1,448	1,297	3,737	2,672	2,825	8,877
Yilmana Densa	43,623	5,681	3,108	2,510	2,756	6,551	3,476	3,446	16,094
Merawi	15,680	2,481	1,346	600	328	2,268	836	1,253	6,568
Sekela	13,427	2,383	704	520	623	1,691	553	922	6,032
Kuarit	7,848	964	590	421	333	899	761	897	2,983
Dega Damot	13,037	2,009	678	-	1,103	1,770	776	694	5,570
Dembecha	5,334	960	637	97	-	844	290	719	1,624
Jabi Tehnan	9,225	1,775	933	467	515	1,468	711	938	2,418
Bure Wemberma	6,895	1,145	485	-	-	1,173	-	-	1,837
Wag Hamra Zone	417,737	34,278	21,335	18,116	67,372	39,823	29,560	32,171	175,082
Zikuala	251,395	16,668	11,984	11,345	-	19,577	18,458	18,278	104,753
Sekota	120,151	12,483	7,172	4,627	12,712	14,829	9,031	9,104	50,193
Dehana	46,192	5,127	2,180	2,144	4,329	5,417	2,070	4,789	20,136
Awi Zone	91,959	14,470	6,039	3,386	4,702	13,477	8,491	5,822	35,572
Dangela	19,437	2,938	1,532	806	1,188	2,238	2,254	1,566	6,914
Banja	6,381	676	391	308	345	1,168	651	-	2,207
Ankasha	17,737	2,999	1,025	494	1,146	2,872	1,367	744	7,090
Guangua	31,216	4,849	2,011	1,410	1,411	4,733	2,506	2,004	12,292
Faggeta Lekoma	17,189	3,009	1,080	369	611	2,467	1,714	871	7,069
Oromia Zone	119,590	20,559	6,335	4,507	5,457	21,111	8,284	10,714	42,623
Chefegolana Dawerahimedo	41,948	6,895	2,444	1,472	1,639	7,293	2,878	4,035	15,291
Bati	36,080	6,001	1,432	1,298	1,804	6,834	2,822	3,613	12,276
Jile Tumuga	23,156	4,094	1,650	804	886	3,967	1,342	1,760	8,654
Arturna Fursi	18,407	3,570	809	932	1,128	3,018	1,242	1,307	6,402
Bahirdar Special Zone	518	-	-	55	-	116	70	-	157
Bahirdar	518	-	-	55	-	116	70	-	157

b) Rural Holdings

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Amhara Region	3,800,802	505,600	225,443	185,418	342,920	524,397	262,210	319,018	1,435,796
North Gonder Zone	678,575	97,285	39,104	30,393	47,055	103,787	46,703	62,421	251,827
Addi Arkay	74,056	10,801	3,476	4,372	5,125	10,806	5,502	6,164	27,810
Beyeda	34,521	4,581	2,182	2,192	2,341	3,834	2,056	3,066	14,267
Janamora	40,709	5,726	2,072	1,844	1,906	6,982	2,428	4,497	15,255
Debark	39,000	5,059	1,994	1,356	3,694	6,199	3,112	2,915	14,672
Dabat	30,308	4,536	2,667	1,450	2,220	4,611	1,757	2,238	10,831
Sanja	78,212	9,724	5,253	4,185	8,154	12,108	6,603	6,078	26,106
Lay Armacheho	33,429	6,250	2,029	1,195	1,820	4,587	2,089	2,880	12,578
Wegera	38,275	6,934	1,396	1,508	2,391	6,567	1,536	2,485	15,459
Gonder Zuria	38,692	6,213	2,594	1,436	2,019	6,135	2,335	4,030	13,930
Dembia	5,073	670	256	*	*	675	379	444	2,357
Chilga	55,386	9,196	3,302	1,986	2,406	10,364	4,440	5,652	18,040
Metema	28,860	3,222	1,855	1,013	2,162	3,579	2,940	2,635	11,454
Quara	26,189	3,255	1,609	1,115	2,607	2,927	2,212	3,317	9,147
Alefa	66,701	10,380	3,979	2,341	2,479	11,949	5,257	7,764	22,553
Belesa	89,164	10,739	4,440	4,401	7,440	12,463	4,058	8,257	37,366
South Gonder Zone	437,927	63,998	27,035	20,382	31,160	67,107	30,582	39,154	158,508
Ebenat	70,135	11,074	4,743	3,970	5,637	11,387	3,705	5,898	23,721
Kemekem	34,140	5,256	1,283	1,189	2,195	6,216	2,270	2,467	13,264
Fogera	27,782	4,258	1,934	920	1,812	4,231	2,129	2,359	10,140
Farta	41,302	6,874	2,474	749	1,796	6,520	3,811	4,037	15,043
Lay Gayint	43,412	4,775	2,208	1,957	*	6,060	2,434	3,226	18,899
Tach Gayint	32,638	4,887	1,908	999	2,742	4,901	2,285	2,815	12,101
Simada	97,386	13,838	7,270	6,419	9,028	12,219	8,061	11,790	28,760
Estie	66,222	9,281	3,738	3,669	3,372	11,019	4,264	4,458	26,422
Dera	24,909	3,757	1,477	510	*	4,554	1,623	2,103	10,159
North Wollo Zone	428,272	59,365	23,982	19,078	28,569	60,607	32,055	36,062	168,555
Bugna	79,916	10,521	5,796	3,920	5,731	11,739	6,353	4,519	31,337
Kobo	61,762	9,272	2,047	2,232	2,606	10,170	3,807	5,251	26,377
Gidan	42,051	4,717	2,611	2,098	3,317	6,024	3,451	4,161	15,672
Meket	62,908	7,693	4,510	3,099	4,751	6,945	5,355	8,203	22,351
Wadla	23,139	2,964	1,551	945	2,016	2,980	1,773	2,338	8,573
Dawuntna Delanta	63,593	9,403	2,785	4,036	6,141	8,382	4,730	4,791	23,325
Guba Lafto	51,257	7,314	2,315	1,484	2,457	7,162	3,783	4,135	22,606
Habru	43,647	7,482	2,366	1,265	1,549	7,204	2,803	2,665	18,313
South Wollo Zone	718,743	98,029	42,550	38,944	62,044	100,500	46,878	59,757	270,041
Mekdela	46,903	5,368	2,699	3,408	7,427	5,623	3,131	4,033	15,214
Tenta	57,655	8,071	3,494	3,141	5,949	7,124	3,746	4,375	21,754
Kutaber	43,170	5,674	2,422	2,415	4,651	5,385	2,032	3,210	17,382
Ambasel	54,778	6,777	2,798	2,906	4,819	6,433	3,904	4,653	22,488
Tehuledere	23,461	4,233	1,211	795	1,139	3,867	2,194	2,167	7,856
Werebabu	28,940	4,011	1,854	1,292	1,403	4,380	2,763	3,636	9,601
Kalu	67,673	10,461	3,833	3,012	5,936	9,161	3,832	6,356	25,082
Dessie Zuria	102,606	13,768	6,180	3,139	4,903	17,197	6,301	10,154	40,964
Legambo	23,143	3,483	1,940	1,922	1,991	2,581	2,206	2,582	6,438
Sayint	115,338	15,024	7,586	7,866	11,429	16,010	6,964	7,488	42,972
Debresina	32,688	4,244	1,788	1,895	3,331	3,932	1,621	2,012	13,866
Kelala	47,525	6,469	2,092	3,113	4,197	6,543	3,183	3,665	18,264
Jama	17,567	2,382	1,127	977	1,614	2,690	923	1,143	6,712
Were Ilu	25,190	3,139	1,762	1,899	1,108	4,032	1,608	2,524	9,118
Wegde	32,106	4,925	1,766	1,164	2,147	5,544	2,471	1,758	12,331
North Shewa Zone	514,504	62,918	34,984	36,304	70,105	62,587	31,711	40,306	175,590
Middana Weremo	17,955	2,415	989	1,051	1,558	2,663	1,236	1,278	6,764
Merhabete	24,789	2,568	1,281	1,508	2,989	3,545	2,219	1,240	9,438
Insarona Wayu	16,514	1,837	630	1,040	2,151	1,654	1,016	1,189	6,996
Moretna Jiru	19,484	2,190	1,172	1,231	2,743	2,670	1,117	1,190	7,170
Gera Keya	39,511	5,305	2,780	2,075	5,009	5,440	2,607	2,545	13,750
Geshe	24,527	2,956	1,281	1,639	3,309	2,629	1,469	1,518	9,726
Antsokiya Gemza	14,529	1,703	699	724	1,022	2,075	904	1,002	6,401
Efratana Gidim	21,398	2,630	1,414	1,348	2,578	2,730	1,465	1,661	7,572
Lalo Midir	31,142	3,790	2,439	1,987	5,141	3,912	1,732	2,669	9,474
Mojana Wedera	22,264	2,378	2,022	2,112	2,931	2,511	1,625	1,958	6,726
Tarmaber	38,966	4,758	2,823	3,276	5,390	4,833	2,784	3,144	11,958
Kewet	33,720	4,642	2,934	2,904	3,489	3,322	2,061	3,602	10,766
Asagirt	27,901	2,953	2,109	2,284	4,286	3,566	1,546	2,672	8,485

TABLE 7-4-b –(Cont'd)

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALE			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Angolelana Tera	9,171	1,468	690	620	1,022	1,181	535	1,074	2,582
Ankober	45,017	6,028	3,608	4,220	6,555	4,924	2,315	3,537	13,830
Hagere Mariam	26,136	3,035	1,631	1,909	4,343	3,084	1,509	1,963	8,661
Berehet	14,263	1,408	1,055	1,057	2,170	1,352	1,033	1,007	5,182
Mirtjarma Shenkora	45,244	5,744	2,775	1,955	6,694	5,097	2,003	4,293	16,682
Basona Werana	41,973	5,109	2,651	3,364	6,724	5,398	2,535	2,763	13,428
East Gojam Zone	215,139	28,388	11,856	6,915	15,808	28,851	15,240	17,351	90,738
Bibugn	11,609	1,399	919	511	1,074	1,511	680	782	4,733
Hulet Ej Enesie	36,048	5,486	1,917	1,323	-	4,762	2,443	3,334	14,024
Goncha Siso Enesie	17,788	1,571	1,393	530	1,569	2,373	1,131	1,516	7,705
Enebse Sar Midir	32,672	3,971	1,479	719	2,644	5,093	1,802	2,815	14,148
Enarj Enawga	25,288	3,241	911	967	1,801	3,631	1,988	1,496	11,252
Enemay	9,126	1,325	331	-	632	1,051	582	374	4,536
Debay Telatgen	4,763	-	-	92	-	885	-	-	2,341
Machakel	9,235	1,876	-	304	242	1,194	674	898	3,781
Gozamin	12,086	1,708	680	745	485	1,123	847	1,839	4,657
Baso Liben	21,254	3,316	1,323	370	1,222	2,669	1,826	1,009	9,518
Awabel	10,702	1,031	632	331	998	1,192	988	968	4,562
Dejen	12,491	1,749	694	458	1,310	1,698	847	1,191	4,544
Shebel Berenta	12,077	1,312	1,012	291	850	1,671	1,019	985	4,938
West Gojam Zone	180,398	26,606	12,307	7,480	10,787	26,814	12,820	15,421	68,163
Achefer	40,351	6,007	2,079	979	3,384	6,539	1,938	2,888	16,536
Bahirdar Zuria	25,972	3,346	1,830	1,445	1,288	3,730	2,655	2,821	8,857
Yilmana Densa	43,571	5,675	3,103	2,500	2,754	6,549	3,469	3,440	16,081
Merawi	15,434	2,450	1,338	589	326	2,218	826	1,206	6,481
Sekela	13,419	2,383	704	520	623	1,689	553	922	6,027
Kuarit	7,844	964	590	421	330	899	761	897	2,982
Dega Damot	13,037	2,009	678	-	1,103	1,770	776	694	5,570
Dembecha	5,162	939	628	-	-	821	276	701	1,567
Jabi Tehnan	8,842	1,707	888	455	494	1,438	687	891	2,283
Bure Wemberma	6,765	1,127	469	-	-	1,162	-	-	1,779
Wag Hamra Zone	416,710	34,132	21,306	18,087	67,293	39,714	29,507	32,093	174,578
Zikuala	251,179	16,618	11,977	11,340	-	19,558	18,449	18,266	104,663
Sekota	119,664	12,423	7,151	4,615	12,682	14,778	8,998	9,077	49,938
Dehana	45,867	5,091	2,178	2,132	4,302	5,378	2,060	4,749	19,977
Awi Zone	91,495	14,408	6,010	3,356	4,682	13,400	8,457	5,790	35,392
Dangela	19,370	2,927	1,530	804	1,185	2,222	2,248	1,560	6,895
Banja	6,363	676	389	305	339	1,165	651	-	2,201
Ankasha	17,700	2,990	1,025	494	1,141	2,866	1,364	737	7,084
Guangua	30,926	4,807	1,992	1,400	1,408	4,685	2,482	1,991	12,162
Faggeta Lekoma	17,136	3,009	1,074	353	609	2,462	1,714	865	7,050
Oromia Zone	119,040	20,479	6,309	4,479	5,417	21,030	8,257	10,663	42,405
Chefegolana Dawerahimedo	41,692	6,864	2,435	1,457	1,618	7,256	2,854	4,022	15,186
Bati	35,950	5,985	1,423	1,298	1,791	6,807	2,821	3,597	12,227
Jile Tumuga	23,055	4,070	1,647	797	885	3,952	1,342	1,746	8,617
Artuma Fursi	18,343	3,561	805	927	1,123	3,014	1,240	1,299	6,375

c) Urban Holdings

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALES			
		< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1yr	1yr - <2 yrs	2 yrs &Over
Amhara Region	15,057	2,009	895	683	1,121	1,912	1,076	1,146	6,214
North Gonder Zone	3,689	516	198	82	157	440	303	246	1,747
Addi Arkay	543	93	36	16	21	36	41	28	272
Beyeda	26	*	*	*	-	*	*	-	*
Janamora	*	*	-	-	-	*	-	-	*
Debark	72	9	*	*	*	9	*	*	30
Dabat	66	*	*	*	*	*	*	-	27
Sanja	503	*	-	-	*	*	*	*	257
Lay Armacheho	33	*	*	*	*	*	*	-	19
Wegera	78	*	*	*	*	*	*	*	31
Gonder Zuria	203	19	15	*	*	22	17	18	94
Dembia	354	45	16	*	*	29	33	26	166
Chilga	78	*	*	-	*	*	*	*	28
Metema	1,002	111	66	*	26	125	77	72	507
Quara	73	13	4	8	7	6	2	8	24
Alefa	125	20	*	-	*	*	*	*	43
Belesa	87	*	-	*	*	*	-	*	44
Gonder	430	66	28	*	*	80	43	17	188
South Gonder Zone	1,048	142	73	44	49	138	88	91	424
Ebenat	*	4	*	*	*	*	*	-	15
Kemekem	231	28	*	*	*	23	27	17	109
Fogera	85	*	*	*	*	*	*	10	25
Farta	*	-	*	*	*	-	*	-	*
Lay Gayint	149	19	*	*	*	*	17	*	59
Tach Gayint	*	*	-	*	*	*	-	*	*
Simada	80	*	*	*	*	*	*	*	36
Estie	186	24	*	*	*	*	*	*	59
Dera	135	21	7	*	*	17	*	13	67
Debre Tabor	105	21	*	*	-	11	*	*	46
North Wollo Zone	1,011	134	46	38	54	158	68	85	429
Bugna	216	33	15	*	15	27	20	*	95
Kobo	365	58	*	*	*	79	*	33	153
Gidan	*	*	*	*	*	*	*	18	*
Meket	*	*	-	*	*	-	-	-	*
Wadla	*	-	-	-	*	-	-	-	*
Dawuntna Delanta	*	*	*	*	*	*	*	*	*
Habru	182	18	-	*	10	25	*	20	93
Weldia	*	*	-	-	*	*	-	-	*
South Wollo Zone	1,801	268	76	74	204	233	98	85	764
Mekdela	-	-	-	-	-	-	-	-	-
Tenta	58	*	-	*	*	*	*	*	21
Kutaber	*	-	-	*	*	-	*	*	*
Ambasel	107	*	*	*	*	*	*	13	50
Tehuledere	223	48	*	*	13	27	*	11	105
Werebabu	282	26	*	12	55	32	*	*	124
Kalu	237	38	*	*	34	38	*	*	91
Dessie Zuria	*	*	*	-	*	*	*	*	*
Legambo	100	*	*	25	*	*	*	*	*
Sayint	*	*	*	*	*	*	*	*	*
Debresina	*	*	-	-	-	-	*	*	*
Kelala	22	*	-	-	*	*	*	*	*
Jama	*	-	-	-	-	-	-	-	*
Were Ilu	77	*	*	-	*	21	*	*	32
Wegde	*	*	-	-	-	*	-	-	*
Kombolcha	209	32	14	*	*	30	14	9	97
Dessie	232	32	19	*	27	40	*	*	88
North Shewa Zone	2,927	321	246	206	363	304	207	263	1,018
Middana Weremo	*	-	-	-	*	*	*	-	-
Merhabete	*	*	*	-	-	*	*	*	*
Insarona Wayu	215	14	*	-	46	21	*	*	111
Moretna Jiru	*	*	-	-	*	*	*	-	*
Gera Keya	*	*	-	-	*	*	*	-	*
Geshe	*	*	-	-	*	*	*	-	*
Antsokiya Gemza	86	15	-	-	*	*	*	*	25

TABLE 7-4-c –(Cont'd)

Geographic Area	GOATS								
	ALL GOATS	MALE				FEMALES			
		< 6 Months	6 Mo < 1 yr	1 yr - <2 yrs	2 yrs &Over	< 6 Months	6 Mo < 1 yr	1 yr - <2 yrs	2 yrs &Over
Efratana Gidim	445	54		25	33	28		16	193
Lalo Midir									
Mojana Wedera	67								
Tarmuber	146							27	33
Kewet	1,013	83	89	64	98	124	77	128	349
Asagirt									
Angolelana Tera									
Ankober	326	49	34	29	49	30	19	38	79
Hagere Mariam	31								
Berehet	94	9		9					30
Minjarna Shenkora	125	12			11	17			58
Debre Berhane	117		21						40
East Gojam Zone	622	89	30	23	76	78	34	42	250
Bibugn	10								
Hulet Ej Enesie	120	22			17	12		19	38
Goncha Siso Enesie									
Enebse Sar Midir	35								17
Enarj Enawga	34								15
Enemay	114	17	6		13	18		8	39
Debay Telatgen									
Machakel									
Gozamin									
Baso Liben									
Awabel	80								36
Dejen									
Shebel Berenta	70								24
Debre Markos									
West Gojam Zone	1,397	197	104	74	74	179	95	151	523
Achefer	328	45		24	15	53		21	147
Bahirdar Zuria	77								20
Yilmana Densa	52			10					
Merawi	246	31				50			86
Sekela									
Kuarit									
Dega Damot									
Dembecha	172	21			20	23	14		57
Jabi Tehnan	383	68	45		22	31	23	47	135
Bure Wemberma	129	18				11			58
Wag Hamra Zone	1,028	146	29	29	80	108	53	78	504
Zikuala	216	50	7	5	24	19	9	12	90
Sekota	488		20	12	29	51	33		255
Dehana	325	36			27	38		40	160
Awi Zone	465	63	29	31	20	77	34	31	180
Dangela	66					16			
Banja	19								
Ankasha	37								
Guangua	289	42	19			48	24	13	130
Faggeta Lekoma									
Oromia Zone	550	80	26	28	40	81	27	51	218
Chefegolana Dawerahimedo	256	31				37	24	14	105
Bati	130	16	9		12	27			49
Jile Tumuga	101	24				14			37
Artuma Fursi	64	9							27
Bahirdar Special Zone	518			55		116	70		157
Bahirdar	518			55		116	70		157

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

a) Both Rural and 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
Amhara Region	306,443	35,776	99,480	38,313	132,873	1,465,021	213,425	392,813	225,957	632,826
North Gonder Zone	38,236	5,695	13,475	5,297	13,769	223,116	29,511	74,502	30,696	88,407
Addi Arkay	*	*	*	*	*	10,605	1,230	4,330	1,317	3,728
Beyeda	2,696	389	747	420	1,139	11,807	1,554	3,465	1,565	5,223
Janamora	5,183	740	1,847	701	1,895	19,661	3,468	4,889	3,339	7,965
Debark	10,809	1,454	4,563	1,402	3,390	10,095	1,429	2,522	1,498	4,645
Dabat	5,031	917	1,712	720	1,681	10,909	2,076	2,332	1,854	4,648
Sanja	*	-	*	-	-	14,525	1,257	12,843	*	298
Lay Armacheho	672	*	223	*	239	11,896	1,241	3,869	1,623	5,163
Wegera	10,451	1,501	3,371	1,452	4,127	21,560	4,185	3,607	3,262	10,506
Gonder Zuria	1,903	438	280	*	806	26,287	3,618	5,730	4,495	12,445
Dembia	*	-	*	-	*	10,717	1,201	826	1,523	7,166
Chilga	8	-	8	-	-	18,923	2,132	8,294	2,635	5,862
Metema	*	-	*	-	-	7,009	394	6,286	113	*
Quara	-	-	-	-	-	5,409	378	4,929	-	*
Alefa	*	-	*	-	-	16,786	2,013	4,491	2,769	7,513
Belesa	*	-	*	-	-	26,623	3,303	6,028	4,521	12,772
Gonder	75	12	61	-	*	304	32	59	58	155
South Gonder Zone	23,269	1,621	9,580	2,736	9,332	171,041	25,468	28,243	31,893	85,437
Ebenat	600	*	-	-	545	22,937	4,210	3,938	3,697	11,091
Kemekem	1,762	*	*	599	1,073	16,582	1,916	1,383	3,374	9,908
Fogera	*	-	*	-	-	13,187	1,874	722	2,535	8,056
Farta	6,328	*	3,957	466	1,627	20,366	2,938	3,053	3,841	10,533
Lay Gayint	5,361	652	2,342	548	1,818	20,041	2,737	4,887	3,538	8,879
Tach Gayint	*	-	*	-	*	13,217	2,160	2,767	2,086	6,204
Simada	1,090	*	755	-	*	24,779	4,017	4,532	5,327	10,904
Estie	7,488	*	2,212	*	3,630	28,412	4,489	5,559	5,103	13,261
Dera	*	-	*	-	*	11,457	1,121	1,358	2,389	6,588
Debre Tabor	29	*	24	*	*	62	*	43	*	*
North Wollo Zone	32,027	5,831	6,027	5,188	14,981	141,934	24,502	28,998	24,480	63,955
Bugna	*	-	-	*	*	27,444	5,109	3,161	5,255	13,919
Kobo	*	-	*	-	-	19,894	2,949	5,083	2,659	9,203
Gidan	*	*	*	*	*	18,346	3,119	3,135	3,675	8,417
Meket	12,109	1,830	2,318	2,322	5,639	18,895	3,203	4,389	3,132	8,170
Wadla	12,410	2,436	2,472	1,915	5,586	9,043	1,713	1,556	1,887	3,887
Dawuntna Delanta	3,736	866	935	*	1,529	21,956	4,129	5,817	3,606	8,405
Guba Lafto	*	*	*	*	*	15,490	2,781	3,401	2,511	6,797
Habru	*	-	15	-	*	10,847	1,498	2,446	1,753	5,150
Weldia	*	-	*	-	-	19	*	9	*	*
South Wollo Zone	48,484	5,176	9,513	6,811	26,985	252,841	36,936	67,615	41,104	107,185
Mekdela	1,441	*	363	*	830	19,598	2,219	7,000	2,637	7,741
Tenta	8,080	878	1,081	1,388	4,733	20,542	3,089	5,013	3,710	8,730
Kutaber	4,039	794	533	785	1,927	12,378	1,590	3,088	2,010	5,689
Ambasel	*	-	*	-	*	14,200	1,502	3,509	2,721	6,467
Tehuledere	*	*	*	*	*	5,697	1,005	2,335	609	1,748
Werebabu	*	-	-	-	*	6,956	1,155	1,430	1,147	3,225
Kalu	255	-	*	-	*	12,966	1,481	3,656	1,888	5,940
Dessie Zuria	8,166	571	3,020	723	3,852	30,130	3,248	10,475	5,250	11,157
Legambo	7,121	549	1,013	1,050	4,508	20,070	3,942	6,021	3,435	6,672
Sayint	1,456	*	478	211	656	21,165	2,888	6,057	2,505	9,715
Debresina	3,309	467	874	*	1,665	13,953	2,076	3,509	2,239	6,130
Kelala	2,207	399	271	361	1,176	20,975	3,001	3,473	3,296	11,205
Jama	4,667	582	606	865	2,614	18,417	3,327	4,125	3,301	7,664
Were Ilu	5,401	543	428	704	3,726	24,342	4,907	3,911	4,568	10,956
Wegde	577	*	-	225	249	11,250	1,489	3,866	1,777	4,118
Kombolcha	46	-	46	-	-	20	*	*	*	*
Dessie	*	-	*	-	*	182	*	141	*	21
North Shewa Zone	33,085	4,051	7,894	4,911	16,229	238,716	32,533	77,549	34,291	94,343
Middana Weremo	238	122	*	*	*	8,134	920	2,029	1,389	3,795
Merhabete	*	-	-	-	*	13,094	795	8,042	786	3,471
Insarona Wayu	3,117	173	1,198	550	1,196	16,613	2,366	5,940	2,477	5,829
Moretna Jiru	1,697	*	1,631	-	*	13,733	1,603	5,674	1,336	5,120
Gera Keya	3,608	571	994	461	1,582	21,876	3,797	4,008	3,998	10,072

TABLE 7-5-a –(Cont'd)

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
Gesha	227	-	-	-	169	8,106	1,137	1,709	1,252	4,009
Antsokiya Gemza	529	102	-	-	-	7,300	863	3,335	615	2,488
Efratana Gidim	933	-	-	-	489	8,771	1,310	3,297	1,070	3,095
Lalo Midir	1,905	277	342	406	880	17,420	3,118	2,742	4,151	7,408
Mojana Wodera	1,454	182	247	248	776	9,707	1,678	1,640	2,017	4,372
Tarmaber	958	-	86	119	624	8,750	1,323	2,258	1,308	3,862
Kewet	-	-	-	-	-	10,889	1,181	4,784	1,010	3,914
Asagirt	1,924	82	108	375	1,359	6,867	1,049	2,594	837	2,387
Angolelana Tera	7,797	1,279	938	1,201	4,379	14,072	2,437	3,269	2,539	5,828
Ankober	-	-	-	-	-	7,752	1,184	1,729	1,158	3,681
Hagere Mariam	1,259	110	168	194	787	9,857	1,255	3,824	1,088	3,690
Berehet	-	-	-	-	-	5,069	441	1,924	436	2,269
Minjarna Shenkora	923	-	897	-	-	24,659	2,123	11,211	2,716	8,610
Debre Berhane	169	-	147	-	-	211	32	74	21	84
Basona Werana	6,148	855	-	1,011	3,463	25,837	3,922	7,467	4,089	10,360
East Gojam Zone	50,633	6,300	19,090	6,029	19,215	178,838	26,586	45,478	27,631	79,143
Bibugn	5,932	948	935	873	3,176	4,134	458	992	802	1,882
Hulet Ej Enesie	7,529	1,082	2,548	765	3,134	18,732	3,197	3,576	3,146	8,813
Goncha Siso Enesie	1,121	157	316	147	501	12,366	1,693	3,392	1,669	5,612
Enebse Sar Midir	-	-	-	-	-	13,119	1,879	3,336	2,009	5,895
Enarj Enawga	-	-	622	-	-	19,079	2,909	5,566	2,944	7,660
Enemay	1,282	251	292	167	571	17,479	2,981	3,211	3,101	8,186
Debay Telatgen	7,539	845	3,267	885	2,542	14,611	1,730	3,319	2,917	6,645
Machakel	4,551	-	2,601	360	1,254	12,044	1,584	4,425	1,417	4,617
Gozamin	13,609	1,178	6,461	1,406	4,564	15,522	2,323	4,373	2,104	6,721
Baso Liben	194	-	-	-	-	10,777	1,211	4,373	1,149	4,044
Awabel	6,826	1,272	1,665	1,213	2,676	19,412	3,211	3,868	3,027	9,307
Dejen	-	-	-	-	-	11,275	1,459	3,147	1,769	4,900
Shebel Berenta	-	-	-	-	-	10,245	1,939	1,893	1,573	4,840
Debre Markos	143	-	143	-	-	-	-	-	-	-
West Gojam Zone	19,366	1,876	6,968	1,581	8,941	148,180	21,930	38,541	21,325	66,383
Achefer	-	-	469	-	-	24,950	4,773	4,375	3,354	12,448
Bahirdar Zuria	-	-	-	-	-	18,728	2,780	4,244	3,398	8,306
Yilmana Densa	536	-	536	-	-	22,429	2,894	7,596	3,161	8,778
Merawi	-	-	-	-	-	21,262	2,987	6,254	2,437	9,584
Sekela	8,266	420	3,820	-	3,552	8,133	1,193	1,328	1,202	4,410
Kuarit	-	-	-	-	170	10,049	1,249	2,786	1,389	4,624
Dega Damot	6,425	496	851	827	4,250	7,957	1,353	1,852	1,173	3,579
Dembecha	878	235	-	-	495	8,438	1,140	3,184	967	3,147
Jabi Tehnan	-	-	-	-	-	9,899	1,524	1,845	1,720	4,810
Bure Wemberma	-	-	316	-	-	16,335	2,036	5,078	2,524	6,697
Wag Hamra Zone	-	-	-	-	-	42,970	5,621	15,512	4,463	17,374
Zikuala	-	-	-	-	-	12,010	1,025	6,756	513	3,716
Sekota	-	-	-	-	-	16,842	2,527	6,384	1,846	6,085
Dehana	-	-	-	-	-	14,119	2,069	2,372	2,105	7,573
Awi Zone	61,074	5,227	26,809	5,761	23,278	39,419	6,606	9,967	6,502	16,344
Dangela	-	-	-	-	-	13,535	2,416	4,134	2,127	4,858
Banja	32,863	2,325	13,018	3,137	14,382	1,534	312	580	168	474
Ankasha	12,684	1,313	7,752	847	2,771	6,458	1,114	661	1,478	3,205
Guangua	-	-	-	-	-	13,222	2,207	4,007	1,679	5,329
Faggeta Lekoma	15,145	1,588	5,657	1,777	6,123	4,670	557	585	1,050	2,478
Oromia Zone	-	-	-	-	-	27,737	3,697	6,291	3,555	14,194
Chefegolana Dawerahimedo	-	-	-	-	-	9,031	1,027	1,707	1,164	5,133
Bati	-	-	-	-	-	4,275	761	582	735	2,197
Jile Tumuga	-	-	-	-	-	8,906	1,049	3,021	937	3,899
Artuma Fursi	-	-	-	-	-	5,526	860	982	719	2,966
Bahirdar Special Zone	-	-	-	-	-	228	34	116	-	61
Bahirdar	-	-	-	-	-	228	34	116	-	61

b) Rural 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
Amhara Region	304,205	35,623	97,954	38,217	132,412	1,453,894	212,443	386,325	225,167	629,960
North Gonder Zone	37,715	5,646	13,145	5,270	13,653	220,639	29,377	72,688	30,572	88,002
Addi Arkay	*	*	*	*	*	10,545	1,224	4,302	1,313	3,706
Beyeda	2,696	389	747	420	1,139	11,748	1,552	3,426	1,565	5,204
Janamora	5,172	737	1,845	700	1,891	19,601	3,464	4,846	3,335	7,956
Debark	10,624	1,439	4,453	1,392	3,340	10,081	1,429	2,516	1,498	4,638
Dabat	4,908	908	1,643	708	1,649	10,877	2,062	2,330	1,854	4,632
Sanja	-	-	-	-	-	13,898	1,252	12,233	*	292
Lay Armacheho	672	*	223	*	239	11,890	1,240	3,867	1,623	5,160
Wegera	10,348	1,491	3,309	1,449	4,099	21,464	4,160	3,591	3,246	10,467
Gonder Zuria	1,896	438	273	*	806	26,218	3,614	5,685	4,485	12,434
Dembia	*	-	-	-	*	10,654	1,197	808	1,517	7,133
Chilga	-	-	-	-	-	18,900	2,132	8,280	2,630	5,858
Metema	*	-	*	-	-	6,181	379	5,478	111	*
Quara	-	-	-	-	-	5,406	378	4,925	-	*
Alefa	-	-	-	-	-	16,668	2,000	4,456	2,755	7,457
Belesa	*	-	*	-	-	26,508	3,293	5,946	4,518	12,750
South Gonder Zone	22,917	1,590	9,343	2,724	9,260	170,085	25,356	27,816	31,792	85,122
Ebenat	600	*	-	-	545	22,927	4,210	3,929	3,697	11,090
Kemekem	1,756	*	*	599	1,072	16,441	1,900	1,307	3,363	9,872
Fogera	*	-	*	-	-	13,110	1,868	699	2,517	8,027
Farta	6,272	*	3,914	466	1,619	20,321	2,936	3,028	3,833	10,524
Lay Gayint	5,179	637	2,240	538	1,765	19,871	2,723	4,845	3,511	8,794
Tach Gayint	*	-	*	-	*	13,193	2,155	2,765	2,081	6,191
Simada	1,090	*	755	-	*	24,653	3,999	4,470	5,318	10,867
Estie	7,415	*	2,154	*	3,623	28,225	4,466	5,455	5,088	13,216
Dera	*	-	*	-	*	11,343	1,099	1,318	2,385	6,541
North Wollo Zone	31,941	5,831	5,966	5,181	14,963	141,098	24,405	28,522	24,422	63,748
Bugna	*	-	-	*	*	27,361	5,096	3,124	5,247	13,894
Kobo	-	-	-	-	-	19,506	2,918	4,832	2,635	9,121
Gidan	*	*	*	*	*	18,250	3,104	3,104	3,666	8,376
Meket	12,097	1,830	2,306	2,322	5,639	18,834	3,190	4,355	3,130	8,158
Wadla	12,361	2,436	2,450	1,908	5,567	8,991	1,706	1,534	1,879	3,872
Dawuntna Delanta	3,734	866	933	*	1,529	21,894	4,118	5,787	3,602	8,387
Guba Lafto	*	*	*	*	*	15,490	2,781	3,401	2,511	6,797
Habru	*	-	-	-	*	10,771	1,493	2,384	1,751	5,143
South Wollo Zone	48,286	5,162	9,393	6,806	26,924	250,963	36,763	66,594	40,971	106,635
Mekdela	1,441	*	363	*	830	19,557	2,219	6,966	2,637	7,734
Tenta	8,059	874	1,081	1,384	4,721	20,239	3,049	4,869	3,687	8,634
Kutaber	4,036	794	530	785	1,927	12,328	1,577	3,074	2,006	5,671
Ambasel	*	-	*	-	*	14,178	1,502	3,496	2,719	6,461
Tehuledere	*	*	*	*	*	5,540	999	2,220	593	1,728
Werebabu	*	-	-	-	*	6,791	1,151	1,307	1,139	3,194
Kalu	234	-	*	-	*	12,902	1,475	3,618	1,888	5,921
Dessie Zuria	8,156	570	3,013	723	3,850	30,062	3,239	10,435	5,244	11,143
Legambo	7,117	549	1,009	1,050	4,508	19,897	3,923	5,953	3,420	6,601
Sayint	1,452	*	474	211	656	21,131	2,887	6,039	2,501	9,704
Debresina	3,304	467	870	*	1,665	13,842	2,071	3,447	2,233	6,090
Kelala	2,180	398	266	361	1,155	20,877	2,999	3,432	3,292	11,154
Jama	4,648	576	602	865	2,605	18,301	3,317	4,069	3,286	7,628
Were Ilu	5,385	543	424	704	3,714	24,106	4,867	3,824	4,554	10,862
Wegde	575	*	-	225	247	11,210	1,487	3,843	1,772	4,109
North Shewa Zone	32,698	4,022	7,643	4,889	16,144	235,989	32,259	76,225	34,054	93,451
Middana Weremo	236	122	*	*	*	8.004	916	1,971	1,379	3,739
Merhabete	-	-	-	-	-	12,966	785	7,980	784	3,417
Insarona Wayu	3,102	169	1,191	550	1,191	16,365	2,326	5,865	2,434	5,740
Moretna Jiru	1,649	*	1,584	-	*	13,400	1,583	5,533	1,304	4,981
Gera Keya	3,598	569	990	461	1,578	21,739	3,790	3,950	3,989	10,010
Geshe	227	*	*	*	169	8,079	1,137	1,688	1,250	4,005
Antsokiya Gemza	529	102	*	*	*	7,052	840	3,146	612	2,454
Efratana Gidim	931	*	*	*	489	8,557	1,299	3,154	1,053	3,051
Lalo Midir	1,895	275	339	406	875	17,268	3,090	2,693	4,134	7,352
Mojana Wedera	1,454	182	247	248	776	9,678	1,675	1,627	2,010	4,366

TABLE 7-5-b –(Cont'd)

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
Tarmaber	914	-	-	105	606	8,651	1,307	2,245	1,290	3,808
Kewet	-	-	-	-	-	10,703	1,156	4,696	983	3,868
Asagirt	1,900	78	105	373	1,343	6,823	1,045	2,573	833	2,372
Angolelana Tera	7,741	1,271	912	1,198	4,359	13,984	2,414	3,243	2,533	5,794
Ankober	-	-	-	-	-	7,718	1,178	1,719	1,153	3,667
Hagere Mariam	1,259	110	168	194	787	9,784	1,243	3,806	1,077	3,659
Berehet	-	-	-	-	-	5,019	437	1,890	434	2,258
Minjarna Shenkora	923	-	897	-	-	24,362	2,117	10,979	2,714	8,552
Basona Werana	6,148	855	-	1,011	3,463	25,837	3,922	7,467	4,089	10,360
East Gojam Zone	50,347	6,292	18,849	6,019	19,187	178,085	26,535	45,028	27,580	78,941
Bibugn	5,927	948	933	871	3,176	4,131	458	991	802	1,880
Hulet Ej Enesie	7,509	1,082	2,531	765	3,131	18,592	3,197	3,482	3,136	8,776
Goncha Siso Enesie	1,099	156	309	144	490	12,342	1,691	3,390	1,663	5,599
Enebse Sar Midir	-	-	-	-	-	12,986	1,867	3,257	2,003	5,859
Enarj Enawga	-	-	622	-	-	19,019	2,902	5,540	2,939	7,638
Enemay	1,272	251	282	167	571	17,339	2,976	3,116	3,085	8,162
Debay Telatgen	7,514	844	3,250	883	2,537	14,582	1,727	3,307	2,915	6,634
Machakel	4,534	-	2,592	358	1,247	12,023	1,582	4,412	1,415	4,614
Gozamin	13,584	1,173	6,445	1,405	4,562	15,499	2,322	4,352	2,104	6,721
Baso Liben	-	-	-	-	-	10,756	1,211	4,357	1,149	4,039
Awabel	6,816	1,272	1,655	1,213	2,676	19,358	3,207	3,835	3,027	9,290
Dejen	-	-	-	-	-	11,231	1,459	3,110	1,769	4,894
Shebel Berenta	-	-	-	-	-	10,226	1,937	1,880	1,573	4,836
West Gojam Zone	19,310	1,873	6,946	1,576	8,914	147,589	21,873	38,155	21,288	66,273
Achefer	-	-	465	-	-	24,856	4,759	4,335	3,342	12,420
Bahirdar Zuria	-	-	-	-	-	18,719	2,780	4,235	3,398	8,306
Yilmana Densa	536	-	536	-	-	22,382	2,891	7,563	3,156	8,772
Merawi	-	-	-	-	-	21,256	2,987	6,254	2,437	9,578
Sekela	8,240	417	3,809	-	3,542	8,118	1,188	1,320	1,202	4,408
Kuarit	-	-	-	-	170	10,011	1,248	2,752	1,389	4,621
Dega Damot	6,411	496	850	826	4,239	7,956	1,353	1,852	1,173	3,577
Dembecha	876	235	-	-	495	8,331	1,132	3,099	964	3,137
Jabi Tehnan	-	-	-	-	-	9,825	1,518	1,804	1,714	4,789
Bure Wemberma	-	-	312	-	-	16,136	2,016	4,941	2,513	6,665
Wag Hamra Zone	-	-	-	-	-	42,661	5,597	15,299	4,454	17,311
Zikuala	-	-	-	-	-	11,986	1,023	6,745	511	3,708
Sekota	-	-	-	-	-	16,648	2,516	6,222	1,842	6,069
Dehana	-	-	-	-	-	14,027	2,059	2,333	2,102	7,533
Awi Zone	60,738	5,207	26,558	5,752	23,222	39,223	6,594	9,824	6,490	16,316
Dangela	-	-	-	-	-	13,439	2,410	4,067	2,117	4,844
Banja	32,671	2,311	12,895	3,130	14,334	1,515	312	561	168	474
Ankasha	12,598	1,313	7,667	847	2,771	6,442	1,114	645	1,478	3,205
Guangua	-	-	-	-	-	13,165	2,201	3,965	1,677	5,322
Faggeta Lekoma	15,089	1,583	5,616	1,774	6,116	4,662	557	585	1,050	2,470
Oromia Zone	-	-	-	-	-	27,563	3,684	6,173	3,544	14,162
Chefegolana Dawerahimedo	-	-	-	-	-	8,940	1,018	1,652	1,156	5,114
Bati	-	-	-	-	-	4,271	761	581	735	2,195
Jile Tumuga	-	-	-	-	-	8,900	1,049	3,017	937	3,897
Artuma Fursi	-	-	-	-	-	5,452	856	924	717	2,955

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
Amhara Region	2,238	153	1,526	97	461	11,127	983	6,488	790	2,866
North Gonder Zone	521	49	329	27	116	2,477	134	1,814	125	405
Addi Arkay	-	-	-	-	-	59	*	28	*	22
Beyeda	-	-	-	-	-	60	*	39	-	19
Janamora	11	*	*	*	*	60	*	43	*	9
Debark	185	15	110	11	49	*	-	*	-	*
Dabat	122	*	69	12	32	32	*	*	-	16
Sanja	*	-	*	-	-	627	*	610	*	*
Lay Armacheho	-	-	-	-	-	7	*	*	-	*
Wegera	103	10	62	*	28	96	25	16	15	39
Gonder Zuria	*	-	*	-	-	70	*	45	*	11
Dembia	*	-	*	-	-	62	*	19	*	34
Chilga	8	-	8	-	-	23	-	*	*	*
Metema	-	-	-	-	-	828	14	808	*	*
Quara	-	-	-	-	-	4	-	4	-	-
Alefa	*	-	*	-	-	118	13	36	14	55
Belesa	-	-	-	-	-	115	*	82	*	21
Gonder	75	12	61	-	*	304	32	59	58	155
South Gonder Zone	352	31	238	*	71	955	112	427	101	315
Ebenat	-	-	-	-	-	10	-	*	-	*
Kemekem	*	-	*	-	*	141	17	76	12	37
Fogera	-	-	-	-	-	77	*	23	19	29
Farta	56	*	43	-	*	44	*	*	*	*
Lay Gayint	181	16	102	*	53	170	14	42	28	85
Tach Gayint	*	-	*	-	-	25	*	*	*	12
Simada	-	-	-	-	-	126	18	62	9	37
Estie	73	*	58	-	*	187	23	104	*	46
Dera	*	-	*	-	-	113	*	40	*	46
Debre Tabor	29	*	24	*	*	62	*	43	*	*
North Wollo Zone	87	-	61	*	*	837	97	476	58	207
Bugna	-	-	-	-	-	83	13	37	*	25
Kobo	*	-	*	-	-	389	31	251	*	82
Gidan	-	-	-	-	-	95	15	31	9	41
Meket	12	-	12	-	-	60	13	34	*	12
Wadla	48	-	*	*	*	52	*	*	*	*
Dawuntna Delanta	*	-	*	-	-	62	11	29	*	17
Habru	15	-	15	-	-	76	*	62	*	7
Weldia	*	-	*	-	-	19	*	9	*	*
South Wollo Zone	198	13	120	*	60	1,878	173	1,022	133	551
Mekdela	-	-	-	-	-	*	-	*	-	*
Tenta	*	*	-	*	*	303	40	144	23	96
Kutaber	*	-	*	-	-	50	*	*	*	18
Ambasel	-	-	-	-	-	21	-	*	*	*
Tehuledere	*	-	*	-	-	157	*	115	16	20
Werebabu	-	-	-	-	-	165	*	123	*	31
Kalu	*	-	*	-	-	63	*	38	-	19
Dessie Zuria	10	*	*	-	*	68	*	40	*	14
Legambo	*	-	*	-	-	173	19	68	*	71
Sayint	*	-	*	-	-	35	*	18	*	12
Debresina	*	-	*	-	-	111	*	*	*	39
Kelala	27	*	*	-	20	99	*	42	*	51
Jama	19	*	*	-	9	115	*	55	14	36
Were Ilu	16	-	*	-	12	236	40	87	14	94
Wegde	*	-	-	-	*	39	*	23	*	*
Kombolcha	46	-	46	-	-	20	*	*	*	*
Dessie	*	-	*	-	-	182	*	141	*	21
North Shewa Zone	387	29	251	22	84	2,728	275	1,324	237	892
Middana Weremo	*	-	*	-	-	129	*	58	*	56
Merhabete	*	-	-	-	*	128	*	62	*	54
Insarona Wayu	14	*	*	-	*	248	41	75	43	89
Moretna Jiru	48	-	48	-	-	332	20	141	32	139
Gera Keya	*	*	*	-	*	137	*	58	*	62
Geshe	-	-	-	-	-	27	-	22	*	*
Antsokiya Gemza	-	-	-	-	-	248	22	189	*	34

TABLE 7-5-c –(Cont'd)

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
Efratana Gidim						214	11	143	16	44
Lalo Midir						152	29	50	17	57
Mojana Wedera						29				
Tarmaber	44			14	18	100	16	12	18	54
Kewet						186	25	88	27	47
Asagirt	24				16	45		21		16
Angolelana Tera	56		26		20	89	23	26		34
Ankober						34		9		14
Hagere Mariam						73	13	18	11	31
Berehet						50		34		
Minjarna Shenkora						296	6	231		58
Debre Berhane	169		147			211	32	74	21	84
East Gojam Zone	287		241	10	28	753	51	450	51	202
Bibugn										
Hulet Ej Enesie	20		18			140		93	10	37
Goncha Siso Enesie	22				12	24				
Enebse Sar Midir						132	12	79		36
Enarj Enawga						60	7	26		22
Enemay						140		96	16	24
Debay Telatgen	25		17			29				12
Machakel	17					21		13		
Gozamin	25		16			23		21		
Baso Liben						21		17		
Awabel	11		11			54		33		17
Dejen						43		37		
Shebel Berenta										
Debre Markos	143		143							
West Gojam Zone	56		22		27	591	57	386	38	110
Achefer						94	14	40		28
Bahirdar Zuria										
Yilmana Densa						47		33		
Merawi										
Sekela	27		11							
Kuarit						38		33		
Dega Damot	14				12					
Dembecha						107		85		10
Jabi Tehnan						74		41	7	21
Bure Wemberma						199	20	137		32
Wag Hamra Zone						309	24	213	9	63
Zikuala						24	2	12	2	7
Sekota						194	11	162		16
Dehana						92		39		40
Awi Zone	336	20	251		56	196	12	143	12	28
Dangela						96		66		
Banja	193	14	123		48					
Ankasha	86		86							
Guangua						57	6	42		
Faggeta Lekoma	55		41							
Oromia Zone	14		14			175	13	118	11	33
Chefegolana Dawerahimedo						91		55	8	18
Bati										
Jile Tumuga										
Artuma Fursi						74		58		10
Bahirdar Special Zone						228	34	116		61
Bahirdar						228	34	116		61

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

a) Both rural and Urban Holdings

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Amhara Region	105,514	8,849	39,830	12,538	44,298	28,475	3,072	20,704	*	4,570
North Gonder Zone	12,474	759	6,067	736	4,913	792	-	774	-	*
Addi Arkay	422	*	*	-	146	-	-	-	-	-
Beyeda	830	-	580	*	228	-	-	-	-	-
Janamora	1,326	*	663	197	314	-	-	-	-	-
Debark	875	*	517	*	91	-	-	-	-	-
Dabat	638	*	294	*	192	-	-	-	-	-
Sanja	881	-	621	-	260	*	-	*	-	-
Lay Armacheho	304	-	*	-	*	-	-	-	-	-
Wegera	1,454	*	*	196	890	-	-	-	-	-
Gonder Zuria	339	-	219	-	*	-	-	-	-	-
Dembia	292	-	*	*	*	-	-	-	-	-
Chilga	805	*	579	-	*	*	-	*	-	-
Metema	106	*	90	-	*	446	-	428	-	*
Quara	336	*	149	-	178	160	-	160	-	-
Alefa	972	*	325	-	582	-	-	-	-	-
Belesa	2,893	*	1,351	*	1,429	*	-	*	-	-
Gonder	*	-	-	-	*	-	-	-	-	-
South Gonder Zone	12,832	590	7,117	800	4,325	2,728	-	2,728	-	-
Ebenat	1,338	-	335	*	950	760	-	760	-	-
Kemekem	643	-	509	*	*	*	-	*	-	-
Fogera	339	*	*	-	*	-	-	-	-	-
Farta	3,859	*	2,579	*	1,088	551	-	551	-	-
Lay Gayint	758	-	356	*	283	*	-	*	-	-
Tach Gayint	412	-	234	-	179	*	-	*	-	-
Simada	1,631	*	694	*	724	*	-	*	-	-
Estie	3,355	*	2,050	*	743	*	-	*	-	-
Dera	445	*	*	-	*	*	-	*	-	-
Debre Tabor	53	*	30	*	15	-	-	-	-	-
North Wollo Zone	10,600	1,122	2,886	1,858	4,733	6,233	1,134	4,981	-	*
Bugna	2,356	*	305	*	1,191	-	-	-	-	-
Kobo	611	-	*	-	488	3,150	*	2,337	-	*
Gidan	1,515	*	505	*	670	*	-	*	-	-
Meket	1,946	509	*	*	544	*	-	*	-	-
Wadla	1,593	330	533	*	458	*	-	*	-	-
Dawuntna Delanta	1,953	*	680	*	1,059	-	-	-	-	-
Guba Lafto	372	*	*	-	278	*	*	*	-	-
Habru	*	-	*	-	*	2,236	*	2,050	-	-
Weldia	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	27,426	2,010	6,956	3,395	15,066	3,274	702	2,571	-	-
Mekdela	1,451	-	*	368	884	-	-	-	-	-
Tenta	2,313	302	474	510	1,027	-	-	-	-	-
Kutaber	3,088	*	786	260	1,895	-	-	-	-	-
Ambasel	1,849	*	637	*	978	*	-	*	-	-
Tehuledere	2,058	-	482	-	1,577	-	-	-	-	-
Werebabu	273	*	136	-	112	822	*	399	-	-
Kalu	642	*	282	*	209	2,048	*	1,769	-	-
Dessie Zuria	6,222	*	1,861	392	3,790	-	-	-	-	-
Legambo	1,477	*	*	514	691	-	-	-	-	-
Sayint	289	*	*	-	*	-	-	-	-	-
Debresina	629	*	296	*	*	-	-	-	-	-
Kelala	2,962	172	868	341	1,581	*	-	*	-	-
Jama	1,287	170	169	137	811	179	-	179	-	-
Were Ilu	2,236	376	353	503	1,005	-	-	-	-	-
Wegde	650	*	273	-	278	-	-	-	-	-
Kombolcha	-	-	-	-	-	-	-	-	-	-
Dessie	-	-	-	-	-	-	-	-	-	-
North Shewa Zone	11,009	1,122	4,344	1,436	4,107	3,170	467	2,668	-	*
Middana Weremo	497	-	185	*	290	*	-	*	-	-
Merhabete	485	-	*	*	390	-	-	-	-	-
Insarona Wayu	239	119	-	120	-	*	-	*	-	-
Moretna Jiru	*	-	*	-	*	*	-	*	-	-
Gera Keya	1,195	*	317	*	730	*	-	*	-	-

TABLE 7-6-a –(Cont'd)

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Gesibe	1,157	171	432	91	463					
Antsokiya Gemza	513		212		135	59		55		
Efratana Gidim	458				348	277		277		
Lalo Midir	856			279	487					
Mojana Wedera	159									
Tarmaber	315				141					
Kewet	169				168					
Asagirt	454	73	136	99	145					
Angolelana Tera	523	154		240						
Ankober	366		175		185					
Hagere Mariam	436	61	196	49	130					
Berehet	348	37	201		110	529		466		
Minjarna Shenkora	2,284		2,155		103	1,409		1,382		
Debre Berhane										
Basona Werana	469	217								
East Gojam Zone	9,199	1,248	3,530	1,370	3,050	905		314		524
Bibugn	1,062	330		404						
Hulet Ej Enesie	1,874	325	732		510					
Goncha Siso Enesie	372				304					
Enebse Sar Midir	519				355					
Enarj Enawga	379				221					
Enemay										
Debay Telatgen	326			148						
Machakel	1,526		924		408					
Gozamin	2,567		1,299	246	783					
Baso Liben										
Awabel										
Dejen										
Shebel Berenta										
Debre Markos										
West Gojam Zone	12,054	1,427	4,391	1,784	4,452	4,811		1,604		3,207
Achefer	1,462				1,042					
Bahirdar Zuria	716				389					
Yilmana Densa	1,890		1,009	300	417	1,141		380		761
Merawi	1,010				817					
Sekela	1,375	322	667	143	243					
Kuarit	2,185		1,435		565					
Dega Damot	2,211	547	756	640	269					
Dembecha	383		23	179	180	450		150		300
Jabi Tehnan	342									
Bure Wemberma	479				419					
Wag Hamra Zone	4,154		2,186		1,838					
Zikuala	1,688		760		909					
Sekota	1,537				623					
Dehana	930		513		306					
Awi Zone	4,479	381	1,979	1,109	1,011	830		277		553
Dangela	685		177		316					
Banja	1,438	176	306	855						
Ankasha	1,041		807							
Guangua	731		462		222					
Faggeta Lekoma	584		227		233					
Oromia Zone	977		223		661	5,685	768	4,771		
Chefegolana Dawerahimedo	749					1,402		1,391		
Bati						2,858	604	2,254		
Jile Tumuga	144		123			905	131	629		
Artuma Fursi						520		497		
Bahirdar Special Zone	309		151		141					
Bahirdar	309		151		141					

b) Rural Holdings

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Amhara Region	103,990	8,814	39,106	12,490	43,581	27,793	3,014	20,080	*	4,570
North Gonder Zone	12,360	757	6,016	735	4,852	704	-	685	-	*
Addi Arkay	422	*	*	-	146	-	-	-	-	-
Beyeda	826	-	580	*	224	-	-	-	-	-
Janamora	1,320	*	659	197	313	-	-	-	-	-
Debark	858	*	510	*	*	-	-	-	-	-
Dabat	633	*	289	*	192	-	-	-	-	-
Sanja	875	-	615	-	260	-	-	-	-	-
Lay Armacheho	304	-	*	-	*	-	-	-	-	-
Wegera	1,439	*	*	196	879	-	-	-	-	-
Gonder Zuria	333	-	218	*	*	-	-	-	-	-
Dembia	279	-	*	*	*	-	-	-	-	-
Chilga	803	*	579	-	*	-	-	-	-	-
Metema	103	-	90	-	*	418	-	400	-	*
Quara	334	*	148	-	177	160	-	160	-	-
Alefa	938	*	310	-	562	-	-	-	-	-
Belesa	2,893	*	1,351	*	1,429	*	-	*	-	-
South Gonder Zone	12,573	580	7,013	793	4,187	2,728	-	2,728	-	-
Ebenat	1,337	-	334	*	950	760	-	760	-	-
Kemekem	621	-	501	*	*	*	-	*	-	-
Fogera	318	*	*	*	*	-	-	-	-	-
Farta	3,822	*	2,561	*	1,070	551	-	551	-	-
Lay Gayint	748	-	354	*	279	*	-	*	-	-
Tach Gayint	412	-	234	-	179	*	-	*	-	-
Simada	1,601	*	677	*	713	*	-	*	-	-
Estie	3,296	*	2,035	*	699	*	-	*	-	-
Dera	418	*	*	-	*	*	-	*	-	-
North Wollo Zone	10,566	1,122	2,865	1,853	4,726	5,963	1,101	4,744	-	*
Bugna	2,351	*	300	*	1,191	-	-	-	-	-
Kobo	600	-	*	-	484	2,923	*	2,139	-	*
Gidan	1,510	*	505	*	670	*	-	*	-	-
Meket	1,946	509	*	*	544	*	-	*	-	-
Wadla	1,593	330	533	*	458	*	-	*	-	-
Dawuntna Delanta	1,945	*	676	*	1,055	-	-	-	-	-
Guba Lafto	372	*	*	-	278	*	*	*	-	-
Habru	*	*	*	-	*	2,192	*	2,011	-	-
South Wollo Zone	27,219	2,005	6,896	3,388	14,930	3,165	697	2,468	-	-
Mekdela	1,451	-	*	368	884	-	-	-	-	-
Tenta	2,283	302	468	510	1,002	-	-	-	-	-
Kutaber	3,067	*	786	260	1,874	-	-	-	-	-
Ambasel	1,849	*	637	*	978	*	-	*	-	-
Tehuledere	2,043	-	*	-	1,567	-	-	-	-	-
Werebabu	266	*	*	-	108	751	*	330	-	-
Kalu	634	*	278	*	204	2,011	*	1,734	-	-
Dessie Zuria	6,192	*	1,846	392	3,774	-	-	-	-	-
Legambo	1,467	*	*	509	691	-	-	-	-	-
Sayint	282	*	*	-	*	-	-	-	-	-
Debresina	618	*	295	-	*	-	-	-	-	-
Kelala	2,935	172	858	341	1,564	*	-	*	-	-
Jama	1,276	168	167	137	805	179	-	179	-	-
Were Ilu	2,209	376	349	501	983	-	-	-	-	-
Wegde	649	*	273	-	277	-	-	-	-	-
North Shewa Zone	10,935	1,119	4,326	1,426	4,064	3,041	461	2,546	-	*
Middana Weremo	493	-	185	*	286	*	-	*	-	-
Merhabete	482	-	*	*	387	-	-	-	-	-
Insarona Wayu	239	119	-	120	-	-	-	-	-	-
Moretna Jiru	*	*	*	-	*	-	-	-	-	-
Gera Keya	1,188	*	317	*	723	-	-	-	-	-
Geshe	1,156	171	431	91	463	-	-	-	-	-
Antsokiya Gemza	512	*	211	*	135	-	-	-	-	-
Efratana Gidim	455	-	*	*	344	248	-	248	-	-
Lalo Midir	852	*	*	277	486	-	-	-	-	-
Mojana Wedera	159	*	*	*	*	-	-	-	-	-
Tarmaber	313	*	*	*	139	-	-	-	-	-

TABLE 7-6-b –(Cont'd)

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Kewet	167	-	-	-	167	-	-	-	-	-
Asagirt	449	73	136	97	143	-	-	-	-	-
Angolellana Tera	520	154	-	237	-	-	-	-	-	-
Ankober	334	-	167	-	167	-	-	-	-	-
Hagere Mariam	436	61	196	49	130	-	-	-	-	-
Berehet	348	37	201	-	110	471	-	410	-	-
Minjarna Shenkora	2,278	-	2,149	-	103	1,409	-	1,382	-	-
Basona Werana	469	217	-	-	-	-	-	-	-	-
East Gojam Zone	9,130	1,245	3,481	1,369	3,035	905	-	314	-	524
Bibugn	1,056	328	-	404	-	-	-	-	-	-
Hulet Ej Enesie	1,858	325	720	-	505	-	-	-	-	-
Goncha Siso Enesie	372	-	-	-	304	-	-	-	-	-
Enebse Sar Midir	514	-	-	-	353	-	-	-	-	-
Enarj Enawga	379	-	-	-	221	-	-	-	-	-
Enemay	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	325	-	-	148	-	-	-	-	-	-
Machakel	1,512	-	915	-	405	-	-	-	-	-
Gozamin	2,567	-	1,299	246	783	-	-	-	-	-
Baso Liben	-	-	-	-	-	-	-	-	-	-
Awabel	-	-	-	-	-	-	-	-	-	-
Dejen	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	11,759	1,424	4,242	1,784	4,309	4,811	-	1,604	-	3,207
Achefer	1,401	-	-	-	993	-	-	-	-	-
Bahirdar Zuria	683	-	-	-	360	-	-	-	-	-
Yilmana Densa	1,864	-	996	300	404	1,141	-	380	-	761
Merawi	966	-	-	-	788	-	-	-	-	-
Sekela	1,363	322	665	143	233	-	-	-	-	-
Kuarit	2,185	-	1,435	-	565	-	-	-	-	-
Dega Damot	2,207	545	755	640	268	-	-	-	-	-
Dembecha	358	-	-	179	179	450	-	150	-	300
Jabi Tehnan	-	-	-	-	-	-	-	-	-	-
Bure Wemberma	467	-	-	-	415	-	-	-	-	-
Wag Hamra Zone	4,121	-	2,159	-	1,833	-	-	-	-	-
Zikuala	1,678	-	755	-	904	-	-	-	-	-
Sekota	1,514	-	-	-	623	-	-	-	-	-
Dehana	929	-	513	-	305	-	-	-	-	-
Awi Zone	4,350	372	1,885	1,109	984	830	-	277	-	553
Dangela	617	-	-	-	300	-	-	-	-	-
Banja	1,423	174	294	855	-	-	-	-	-	-
Ankasha	1,034	-	799	-	-	-	-	-	-	-
Guangua	713	-	451	-	214	-	-	-	-	-
Faggeta Lekoma	564	-	209	-	230	-	-	-	-	-
Oromia Zone	977	-	223	-	661	5,599	754	4,699	-	-
Chefegolana Dawerahimedo	749	-	-	-	-	1,370	-	1,370	-	-
Bati	-	-	-	-	-	2,847	602	2,245	-	-
Jile Tumuga	144	-	123	-	-	866	129	592	-	-
Artuma Fursi	-	-	-	-	-	515	-	492	-	-

c) Urban Holdings

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Amhara Region	1,524	35	724	48	717	682	58	624	-	-
North Gonder Zone	115	*	51	*	60	88	-	88	-	-
Addi Arkay	-	-	-	-	-	-	-	-	-	-
Beyeda	*	-	-	-	*	-	-	-	-	-
Janamora	6	-	*	-	*	-	-	-	-	-
Debark	17	-	7	*	9	-	-	-	-	-
Dabat	*	-	*	-	-	-	-	-	-	-
Sanja	*	-	*	-	-	*	-	*	-	-
Lay Armacheho	-	-	-	-	-	-	-	-	-	-
Wegera	15	-	*	-	10	-	-	-	-	-
Gonder Zuria	*	-	*	-	*	-	-	-	-	-
Dembia	14	-	*	-	*	-	-	-	-	-
Chilga	*	-	-	-	*	*	-	*	-	-
Metema	*	*	-	-	-	28	-	28	-	-
Quara	2	-	1	-	1	-	-	-	-	-
Alefa	34	-	*	-	20	-	-	-	-	-
Belesa	-	-	-	-	-	-	-	-	-	-
Gonder	*	-	-	-	*	-	-	-	-	-
South Gonder Zone	259	*	104	*	138	-	-	-	-	-
Ebenat	*	-	*	-	-	-	-	-	-	-
Kemekem	*	-	*	-	*	-	-	-	-	-
Fogera	20	*	-	-	17	-	-	-	-	-
Farta	37	-	18	-	18	-	-	-	-	-
Lay Gayint	*	-	*	*	*	-	-	-	-	-
Tach Gayint	-	-	-	-	-	-	-	-	-	-
Simada	30	-	17	*	11	-	-	-	-	-
Estie	59	-	16	-	44	-	-	-	-	-
Dera	27	-	12	-	*	-	-	-	-	-
Debre Tabor	53	*	30	*	15	-	-	-	-	-
North Wollo Zone	34	-	21	*	*	271	33	238	-	-
Bugna	*	-	*	-	-	-	-	-	-	-
Kobo	12	-	*	-	*	227	28	198	-	-
Gidan	*	-	-	*	-	-	-	-	-	-
Meket	-	-	-	-	-	-	-	-	-	-
Wadla	-	-	-	-	-	-	-	-	-	-
Dawuntna Delanta	*	-	*	-	*	-	-	-	-	-
Habru	*	-	*	-	-	44	*	39	-	-
Weldia	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	207	*	59	*	136	108	*	103	-	-
Mekdela	-	-	-	-	-	-	-	-	-	-
Tenta	31	-	*	-	25	-	-	-	-	-
Kutaber	*	-	-	-	*	-	-	-	-	-
Ambasel	-	-	-	-	-	-	-	-	-	-
Tehuledere	*	-	*	-	*	-	-	-	-	-
Werebabu	*	-	*	-	*	72	*	68	-	-
Kalu	9	-	*	-	*	37	*	35	-	-
Dessie Zuria	30	-	15	-	*	-	-	-	-	-
Legambo	*	-	*	*	-	-	-	-	-	-
Sayint	7	-	*	-	*	-	-	-	-	-
Debresina	10	*	*	-	*	-	-	-	-	-
Kelala	26	-	9	-	17	-	-	-	-	-
Jama	11	*	*	-	*	-	-	-	-	-
Were Ilu	*	-	*	*	*	-	-	-	-	-
Wegde	*	-	-	-	*	-	-	-	-	-
Kombolcha	-	-	-	-	-	-	-	-	-	-
Dessie	-	-	-	-	-	-	-	-	-	-
North Shewa Zone	74	*	18	*	43	128	*	122	-	-
Middana Weremo	*	-	-	-	*	-	-	-	-	-
Merhabete	*	-	-	-	*	-	-	-	-	-
Insarona Wayu	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	-	-	-	-	-	-	-	-	-	-
Gera Keya	*	-	-	-	*	-	-	-	-	-

TABLE 7-6-c –(Cont'd)

Geographic Area	MULES					CAMELS				
		MALE		FEMALE			MALE		FEMALE	
	All Mules	< 3 Years	3 Years and Older	< 3 Years	3 Years and Older	All Camels	< 4 Years	4 Years and Older	< 4 Years	4 Years and Older
Geshe										
Antsokiya Gemza										
Efratana Gidim						42		38		
Lalo Midir										
Mojana Wedera										
Tarmaber										
Kewet										
Asagirt										
Angolelana Tera										
Ankober	32				18					
Hagere Mariam										
Berehet										
Minjarna Shenkora						58		55		
Debre Berhane										
East Gojam Zone	69		49		15					
Bibugn										
Hulet Ej Enesie	16		11							
Goncha Siso Enesie										
Enebse Sar Midir										
Enarj Enawga										
Enemay										
Debay Telatgen										
Machakel	14									
Gozamin										
Baso Liben										
Awabel										
Dejen										
Shebel Berenta										
Debre Markos										
West Gojam Zone	295		150		143					
Achefer	61				49					
Bahirdar Zuria	34				29					
Yilmana Densa	26		13		13					
Merawi	45		17		28					
Sekela					10					
Kuarit										
Dega Damot										
Dembecha	26		23							
Jabi Tehnan	77		70		7					
Bure Wemberma										
Wag Hamra Zone					6					
Zikuala	9		5		5					
Sekota										
Dehana										
Awi Zone	129		93		27					
Dangela	68		46		15					
Banja	15		12							
Ankasha										
Guangua	18		10							
Faggeta Lekoma	20		17							
Oromia Zone										
Chefegolana Dawerahimedo						86		72		
Bati						32		21		
Jile Tumuga						11		9		
Artuma Fursi										
Bahirdar Special Zone	309		151		141					
Bahirdar	309		151		141					

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									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Amhara Region	6,496,378	3,079,655	32,287	92,960	53,503	1,062,227	85,869	18,851	1,968,865	102,160
North Gonder Zone	1,139,212	459,049	7,888	38,364	7,279	228,923	13,338	6,562	367,917	9,893
Addi Arkay	57,774	22,999	407	2,666	*	13,031	814	832	16,834	*
Beyeda	24,139	12,040	*	136	-	3,861	96	*	7,672	86
Janamora	40,853	20,913	*	843	314	4,355	432	*	13,081	734
Debark	40,154	14,708	590	*	187	4,392	*	173	18,291	415
Dabat	47,371	19,659	281	366	108	4,033	*	320	22,369	*
Sanja	123,479	33,389	1,266	10,469	409	39,533	3,886	1,545	31,752	1,232
Lay Armacheho	60,733	26,416	163	1,132	341	8,215	832	337	22,838	*
Wegera	66,048	29,399	*	*	*	13,018	1,261	523	18,379	957
Gonder Zuria	85,744	41,743	408	1,074	1,029	15,660	1,820	*	22,694	*
Dembia	106,102	47,319	*	*	*	27,651	543	*	27,359	*
Chilga	118,181	43,926	964	2,916	1,495	5,161	*	591	60,303	1,846
Metema	55,950	13,213	466	4,599	449	22,794	313	824	12,961	331
Quara	45,406	11,337	924	5,054	472	12,714	500	486	13,436	483
Alefa	141,754	58,789	562	3,737	1,312	35,896	*	434	39,911	847
Belesa	122,726	62,686	*	1,678	*	17,542	1,026	*	39,125	*
Gonder	2,798	512	163	34	46	1,068	*	14	913	36
South Gonder Zone	719,299	345,472	1,758	10,774	8,925	140,011	16,567	975	178,834	15,982
Ebenat	78,278	38,826	*	1,379	547	16,930	2,983	*	15,727	1,644
Kemekem	66,900	33,255	214	1,060	*	20,038	1,393	*	9,232	959
Fogera	97,263	41,646	*	1,039	3,453	34,323	1,102	*	8,041	7,169
Farta	82,348	39,164	316	521	*	10,549	799	*	29,803	688
Lay Gayint	57,116	28,387	*	860	*	10,033	1,445	*	15,572	*
Tach Gayint	26,385	12,898	-	*	354	4,573	918	-	6,198	876
Simada	82,604	43,189	*	*	441	9,573	3,529	*	24,804	447
Estie	127,890	64,147	*	1,307	1,778	11,952	2,598	*	43,590	2,098
Dera	99,839	43,913	*	3,815	1,277	21,561	1,798	*	25,767	1,640
Debre Tabor	676	47	*	*	*	478	*	-	101	38
North Wollo Zone	545,640	253,184	698	4,582	2,104	80,500	7,597	920	186,781	9,273
Bugna	83,489	41,750	*	694	666	11,213	1,325	*	23,996	3,729
Kobo	95,446	48,499	*	547	262	5,854	1,100	*	37,517	1,412
Gidan	49,398	23,104	*	*	*	9,680	2,003	*	13,594	524
Meket	77,781	31,478	*	1,594	*	14,677	606	*	28,807	*
Wadla	45,797	18,171	*	560	266	10,518	1,092	*	14,642	*
Dawuntna Delanta	60,017	24,934	*	*	*	10,517	670	*	21,753	1,367
Guba Lafto	61,830	30,621	*	317	*	7,533	411	-	22,333	*
Habru	71,715	34,583	*	450	368	10,420	392	*	24,111	1,239
Weldia	167	45	*	*	-	86	-	-	30	*
South Wollo Zone	903,378	441,343	1,054	6,783	4,776	205,251	11,941	714	221,478	10,039
Mekdela	59,553	26,835	*	1,291	306	21,411	1,249	*	7,694	*
Tenta	55,720	23,457	*	831	*	18,573	736	*	10,829	*
Kutaber	41,297	19,850	*	653	*	10,914	150	-	9,209	*
Ambasel	47,501	27,785	181	*	*	8,656	516	*	9,650	400
Tehuledere	41,494	22,096	*	167	334	11,870	*	*	6,183	719
Werebabu	40,959	20,302	*	*	*	11,390	*	*	8,832	*
Kalu	72,560	38,255	*	*	1,307	17,678	*	*	13,368	1,318
Dessie Zuria	114,209	56,850	*	*	*	27,294	394	-	27,345	1,424
Legambo	46,842	22,055	-	*	*	5,021	*	*	19,285	*
Sayint	90,522	44,859	*	*	360	14,672	2,719	-	26,588	752
Debresina	67,440	28,512	*	577	431	6,934	3,714	-	25,816	1,413
Kelala	74,521	37,994	*	*	*	20,836	*	*	13,855	*
Jama	47,277	24,390	-	339	*	4,067	*	*	17,797	382
Were Ilu	51,651	23,609	*	*	*	16,575	*	-	10,525	284
Wegde	50,725	24,258	*	320	*	8,830	1,603	*	14,241	744
Kombolcha	371	138	*	*	*	95	-	-	122	*
Dessie	734	96	*	9	*	435	*	-	139	*
North Shewa Zone	657,185	369,229	8,330	3,539	8,307	83,015	4,319	2,073	162,563	15,811
Middana Weremo	30,594	15,890	*	*	1,179	192	231	*	10,778	2,081
Merhabete	34,843	21,417	*	313	642	1,006	145	*	10,220	950
Insarona Wayu	44,175	23,950	3,049	113	285	4,176	*	338	11,126	1,103
Moretna Jiru	26,740	16,178	1,191	82	283	1,260	232	275	6,586	654
Gera Keya	51,018	24,165	228	448	969	5,339	187	*	18,216	1,345
Geshe	20,494	11,095	*	121	145	1,525	161	*	7,008	407

TABLE 7-7-a –(Cont'd)

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Antsokiya Gemza	18,450	10,666	-	190	238	2,483	-	-	4,512	208
Efratana Gidim	33,046	19,628	140	351	-	5,744	96	-	6,453	343
Lalo Midir	42,550	22,401	127	-	665	8,345	772	-	8,566	1,409
Mojana Wedera	25,391	15,678	-	-	218	1,218	290	-	7,035	722
Tarmaber	32,304	18,680	101	147	365	5,434	111	124	6,111	1,230
Kewet	42,030	24,948	14	-	613	3,102	-	-	12,287	847
Asagirt	23,823	12,245	298	226	130	7,245	121	114	3,025	420
Angolelana Tera	43,785	19,795	855	377	188	11,863	282	104	9,233	1,089
Ankober	34,172	20,715	88	-	-	4,561	-	107	7,975	515
Hagere Mariam	23,561	13,475	457	-	375	1,903	181	84	6,066	959
Berehet	14,543	9,107	60	110	82	3,455	-	5	1,420	302
Minjarna Shenkora	58,131	37,620	910	283	936	4,271	341	196	13,057	516
Debre Berhane	1,497	56	-	-	-	1,086	-	25	247	28
Basona Werana	56,037	31,519	369	278	732	8,807	973	-	12,642	680
East Gojam Zone	815,850	430,843	3,830	8,330	4,117	135,404	12,141	2,295	206,760	12,130
Bibugn	36,696	20,065	-	250	-	151	-	-	15,735	-
Hulet Ej Enesie	89,609	46,239	-	945	347	17,880	1,698	-	20,429	1,448
Goncha Siso Enesie	52,157	29,055	-	226	-	7,400	372	-	14,401	503
Enebse Sar Midir	37,927	21,926	-	-	-	4,213	283	-	10,768	406
Enarj Enawga	60,999	35,474	-	591	-	6,143	418	-	17,454	-
Enemay	49,884	25,322	283	253	874	4,727	549	194	16,488	1,195
Debay Telatgen	48,676	27,161	-	-	-	16,251	616	-	3,750	390
Machakel	111,331	59,298	459	1,212	176	14,990	3,294	-	27,908	3,452
Gozamin	105,272	52,698	351	1,072	-	25,362	2,995	-	22,085	-
Baso Liben	61,104	30,855	227	1,148	390	9,962	643	-	16,627	1,146
Awabel	91,676	46,020	852	1,144	709	16,252	767	-	23,816	1,986
Dejen	38,325	19,986	742	751	550	6,267	264	-	9,282	-
Shebel Berenta	28,925	16,472	-	386	-	3,968	148	-	7,140	446
Debre Markos	3,269	273	42	113	-	1,839	-	-	877	-
West Gojam Zone	907,356	462,037	3,337	7,432	11,625	41,197	14,802	2,643	343,578	20,704
Achefer	146,367	73,348	814	2,026	1,594	7,310	1,676	-	55,463	3,974
Bahirdar Zuria	133,482	61,766	525	-	1,929	4,519	1,242	562	59,276	3,007
Yilmana Densa	97,664	52,377	-	393	832	7,266	3,763	273	30,765	1,709
Merawi	135,442	65,664	803	1,186	-	9,039	3,276	646	53,949	-
Sekela	55,888	26,615	-	777	1,010	3,425	848	-	21,264	1,723
Kuarit	50,992	26,840	-	752	1,131	1,687	550	-	19,027	898
Dega Damot	57,816	30,484	208	394	-	2,183	-	373	23,756	-
Dembecha	67,606	36,625	117	173	2,615	379	739	231	22,995	3,732
Jabi Tehnan	78,150	41,305	-	-	1,899	2,730	902	-	26,387	4,468
Bure Wemberma	83,948	47,013	387	819	541	2,659	1,394	-	30,695	384
Wag Hamra Zone	218,242	74,999	-	6,447	-	69,783	1,697	808	59,947	-
Zikuala	89,935	16,858	-	4,770	-	-	546	-	19,506	-
Sekota	84,092	35,355	300	1,382	-	20,547	516	292	25,200	-
Dehana	44,215	22,785	-	295	-	5,187	636	-	15,242	-
Awi Zone	394,324	163,011	1,098	4,447	4,870	26,378	2,842	1,534	184,338	5,806
Dangela	98,907	45,913	410	1,107	2,083	8,277	1,243	597	36,146	3,130
Banja	55,012	11,475	-	801	273	2,840	-	365	38,627	-
Ankasha	73,655	33,810	-	962	687	3,167	779	-	33,251	549
Guangua	110,276	49,990	334	1,353	1,648	6,592	-	-	48,094	1,588
Faggeta Lekoma	56,474	21,823	-	225	-	5,502	394	-	28,219	-
Oromia Zone	191,850	79,614	361	2,224	1,034	49,799	623	324	55,823	2,048
Chefegolana Dawerahimedo	78,914	34,992	214	732	386	24,405	206	-	16,656	-
Bati	44,244	17,677	-	221	222	11,636	174	101	13,663	459
Jile Tumuga	34,803	12,562	-	797	190	7,009	128	-	13,691	372
Artuma Fursi	33,890	14,384	-	475	236	6,749	-	-	11,813	-
Bahirdar Special Zone	4,042	875	-	-	44	1,965	-	-	847	188
Bahirdar	4,042	875	-	-	44	1,965	-	-	847	188

b) Rural Holdings

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Amhara Region	6,411,534	3,058,916	31,213	91,385	52,248	1,031,765	85,488	18,408	1,941,706	100,404
North Gonder Zone	1,123,266	456,193	7,662	37,768	7,032	222,679	13,283	6,518	362,390	9,740
Addi Arkay	56,673	22,798	393	2,632	*	12,589	804	829	16,460	*
Beyeda	24,057	11,994	*	136	-	3,843	96	*	7,654	86
Janamora	40,722	20,862	*	843	313	4,293	432	*	13,079	719
Debark	39,717	14,678	588	*	184	4,161	*	172	18,129	414
Dabat	47,047	19,591	278	351	106	3,878	*	320	22,289	*
Sanja	122,176	33,310	1,266	10,297	409	38,854	3,886	1,545	31,378	1,232
Lay Armacheho	60,551	26,387	162	1,131	338	8,116	831	336	22,791	*
Wegera	65,506	29,264	*	*	-	12,761	1,259	521	18,245	954
Gonder Zuria	85,016	41,584	404	1,067	*	15,417	1,817	*	22,409	*
Dembia	104,763	47,082	*	*	*	27,050	543	*	26,957	*
Chilga	117,504	43,824	960	2,913	1,454	4,971	*	590	59,970	1,843
Metema	51,965	12,883	466	4,366	391	21,163	305	814	11,252	325
Quara	45,337	11,329	924	5,039	470	12,695	500	485	13,412	483
Alefa	140,159	58,285	533	3,697	1,287	35,467	*	428	39,394	808
Belesa	122,074	62,323	*	1,678	*	17,422	1,011	*	38,972	*
South Gonder Zone	711,808	343,952	1,744	10,714	8,770	136,478	16,526	965	176,894	15,765
Ebenat	78,141	38,809	*	1,375	545	16,870	2,983	*	15,675	1,642
Kemekem	65,725	33,083	212	1,037	*	19,377	1,391	*	8,952	942
Fogera	95,788	41,355	*	1,025	3,385	33,616	1,088	*	7,770	7,069
Farta	81,986	39,117	316	519	*	10,309	794	*	29,749	680
Lay Gayint	56,256	28,135	*	860	*	9,747	1,445	*	15,257	*
Tach Gayint	26,279	12,880	-	*	352	4,519	918	-	6,169	874
Simada	82,266	43,080	*	*	435	9,448	3,529	*	24,707	447
Estie	126,917	63,924	*	1,304	1,757	11,571	2,592	*	43,281	2,069
Dera	98,451	43,570	-	3,802	1,251	21,020	1,786	*	25,334	1,623
North Wollo Zone	539,293	250,355	686	4,517	2,078	79,307	7,521	911	184,719	9,199
Bugna	83,135	41,673	*	693	666	11,024	1,323	-	23,921	3,721
Kobo	91,923	46,624	-	510	253	5,672	1,089	*	36,172	1,361
Gidan	48,959	22,946	*	*	*	9,585	1,958	*	13,463	524
Meket	77,464	31,440	*	1,594	*	14,476	593	*	28,748	*
Wadla	45,597	18,101	*	560	251	10,444	1,092	*	14,600	*
Dawuntna Delanta	59,792	24,883	*	*	*	10,392	670	*	21,704	1,367
Guba Lafto	61,830	30,621	*	317	*	7,533	411	-	22,333	*
Habru	70,593	34,068	*	433	365	10,180	386	*	23,778	1,230
South Wollo Zone	895,455	438,594	982	6,716	4,750	202,598	11,882	708	219,269	9,956
Mekdela	59,415	26,805	*	1,291	306	21,347	1,249	*	7,650	*
Tenta	54,990	23,255	*	829	*	18,274	721	*	10,634	*
Kutaber	40,985	19,794	*	653	*	10,720	146	-	9,167	*
Ambasel	47,225	27,640	181	*	*	8,597	514	*	9,583	398
Tehuledere	40,693	21,776	*	165	334	11,659	*	*	5,940	698
Werebabu	40,531	20,095	*	*	*	11,312	-	*	8,707	*
Kalu	71,461	37,650	-	*	1,307	17,625	*	*	12,939	1,317
Dessie Zuria	113,960	56,746	*	*	*	27,203	389	-	27,300	1,424
Legambo	46,382	21,838	-	*	-	4,924	*	*	19,144	*
Sayint	90,272	44,801	*	*	353	14,557	2,719	-	26,520	750
Debresina	67,100	28,465	*	567	429	6,751	3,707	-	25,729	1,406
Kelala	74,044	37,822	*	*	*	20,657	*	*	13,743	*
Jama	46,900	24,277	-	323	*	3,913	*	*	17,709	381
Were Ilu	50,983	23,445	*	*	-	16,293	*	-	10,328	278
Wegde	50,516	24,184	*	320	*	8,768	1,597	*	14,176	741
North Shewa Zone	645,824	365,399	7,930	3,450	8,151	79,810	4,295	1,833	159,421	15,535
Middana Weremo	30,079	15,687	*	*	1,149	*	231	*	10,563	2,055
Merhabete	34,260	21,200	*	311	634	861	141	*	10,027	942
Insarona Wayu	43,479	23,741	3,015	108	281	3,951	*	263	10,999	1,086
Moretna Jiru	26,171	15,945	1,127	82	274	1,169	232	250	6,474	619
Gera Keya	50,722	24,117	228	448	956	5,234	187	*	18,100	1,335
Geshe	20,448	11,077	*	121	145	1,516	161	*	6,990	407
Antsokiya Gemza	17,697	10,175	*	188	234	2,429	*	*	4,320	206
Efratana Gidim	31,341	18,804	*	342	*	5,534	93	*	5,900	*
Lalo Midir	42,292	22,357	121	*	663	8,202	767	*	8,514	1,402
Mojana Wedera	25,265	15,662	*	*	218	1,184	290	*	6,990	715

TABLE 7-7-b –(Cont'd)

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Tarmaber	31,572	18,519	-	146	363	5,188	111	-	5,884	1,219
Kewet	40,815	24,509	-	-	601	2,893	-	-	11,803	815
Asagirt	23,645	12,182	296	226	130	7,190	115	114	2,972	420
Angolelana Tera	43,295	19,745	847	372	188	11,530	282	-	9,173	1,058
Ankober	33,863	20,596	88	-	-	4,499	-	107	7,847	515
Hagere Mariam	23,423	13,426	434	-	375	1,852	181	84	6,054	956
Berehet	14,407	9,025	48	110	82	3,438	-	-	1,401	302
Minjarna Shenkora	57,012	37,112	780	235	917	4,181	341	185	12,768	-
Basona Werana	56,037	31,519	369	278	732	8,807	973	-	12,642	680
East Gojam Zone	806,185	429,387	3,745	8,021	3,995	130,657	12,087	2,227	204,061	12,005
Bibugn	36,600	20,050	-	250	-	151	-	-	15,659	-
Hulet Ej Enesie	88,680	46,024	-	930	-	17,463	1,694	-	20,207	1,416
Goncha Siso Enesie	51,705	28,904	-	214	-	7,202	372	-	14,329	498
Enebse Sar Midir	37,448	21,770	-	-	-	3,991	273	-	10,699	-
Enarj Enawga	60,443	35,377	-	582	-	5,873	407	-	17,313	-
Enemay	49,187	25,215	280	246	869	4,396	546	-	16,257	1,187
Debay Telatgen	48,435	27,116	-	-	-	16,119	616	-	3,692	389
Machakel	110,327	59,206	452	1,148	-	14,617	3,290	-	27,474	3,451
Gozamin	105,018	52,641	351	1,067	-	25,229	2,993	-	22,031	-
Baso Liben	60,510	30,750	224	1,102	390	9,735	643	-	16,416	1,146
Awabel	90,949	45,903	840	1,123	676	15,895	763	-	23,638	1,982
Dejen	38,061	19,973	742	748	548	6,064	262	-	9,241	-
Shebel Berenta	28,822	16,459	-	380	-	3,921	148	-	7,105	446
West Gojam Zone	895,676	459,947	3,217	7,226	11,285	37,156	14,762	2,616	339,151	20,316
Achefer	144,306	72,649	810	1,981	1,548	7,027	1,659	-	54,550	3,919
Bahirdar Zuria	132,304	61,669	492	-	1,906	4,055	1,242	562	58,761	2,991
Yilmana Densa	96,967	52,260	-	-	828	6,814	3,751	272	30,675	1,700
Merawi	134,153	65,554	762	1,142	-	8,294	3,276	644	53,605	-
Sekela	55,637	26,596	-	777	1,005	3,326	848	-	21,165	1,694
Kuarit	50,881	26,820	-	747	1,128	1,687	550	-	18,946	895
Dega Damot	57,693	30,473	208	394	-	2,179	-	371	23,654	-
Dembecha	66,071	36,331	117	150	2,522	-	734	226	22,276	3,641
Jabi Tehnan	75,339	40,943	-	-	1,752	-	896	-	25,517	4,304
Bure Wemberma	82,326	46,651	-	794	525	2,186	1,394	-	30,002	367
Wag Hamra Zone	217,085	74,560	-	6,425	-	69,385	1,692	807	59,669	-
Zikuala	89,700	16,761	-	4,761	-	-	546	-	19,480	-
Sekota	83,464	35,130	298	1,370	-	20,344	514	291	25,018	-
Dehana	43,921	22,669	-	295	-	5,083	632	-	15,171	-
Awi Zone	387,166	161,672	1,052	4,346	4,776	24,429	2,830	1,509	180,951	5,601
Dangela	97,197	45,563	392	1,087	2,069	7,602	1,235	583	35,643	3,022
Banja	53,869	11,438	-	766	-	2,631	-	361	37,827	-
Ankasha	72,187	33,528	-	929	672	2,808	776	-	32,492	532
Guangua	108,042	49,382	313	1,346	1,615	6,157	-	-	47,016	1,537
Faggeta Lekoma	55,871	21,761	-	218	-	5,230	394	-	27,972	-
Oromia Zone	189,776	78,857	353	2,201	992	49,267	611	314	55,179	2,002
Chefegolana Dawerahimedo	77,903	34,700	212	717	359	24,059	201	-	16,373	-
Bati	44,011	17,592	-	219	220	11,569	173	98	13,597	456
Jile Tumuga	34,538	12,478	-	794	188	6,965	128	-	13,561	372
Artuma Fursi	33,324	14,087	-	471	225	6,674	-	-	11,648	-

c) Urban Holdings

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Amhara Region	84,844	20,739	1,074	1,575	1,255	30,463	381	443	27,159	1,756
North Gonder Zone	15,946	2,856	225	595	247	6,244	55	43	5,527	153
Addi Arkay	1,101	201	*	34	16	442	*	*	374	7
Beyeda	82	46	-	-	-	18	-	-	17	-
Janamora	132	51	-	-	*	62	-	-	*	15
Debark	437	30	*	*	*	231	-	*	162	*
Dabat	324	68	*	14	*	154	-	-	80	*
Sanja	1,303	79	-	*	-	679	-	-	373	-
Lay Armacheho	182	29	*	*	*	99	*	*	47	-
Wegera	542	135	*	-	*	257	*	*	133	*
Gonder Zuria	729	159	*	*	12	243	*	*	285	13
Dembia	1,339	237	*	33	33	602	-	*	401	28
Chilga	677	102	*	*	40	190	-	*	334	*
Metema	3,985	329	-	233	*	1,631	*	*	1,709	*
Quara	68	8	-	14	1	19	-	1	24	-
Alefa	1,595	504	29	40	25	429	*	*	517	39
Belesa	652	363	-	-	-	120	*	-	154	-
Gonder	2,798	512	163	34	46	1,068	*	14	913	36
South Gonder Zone	7,491	1,520	14	60	155	3,533	41	*	1,941	217
Ebenat	137	17	-	4	*	60	-	-	52	*
Kemekem	1,175	172	*	23	*	661	*	*	280	17
Fogera	1,475	291	*	14	67	706	15	*	271	99
Farta	362	47	-	*	*	240	*	-	54	8
Lay Gayint	860	252	*	-	*	286	-	-	315	*
Tach Gayint	106	18	-	-	*	55	-	-	29	*
Simada	338	109	-	-	*	125	-	-	97	-
Estie	974	223	*	*	21	381	*	-	309	28
Dera	1,388	343	*	*	26	541	*	*	433	18
Debre Tabor	676	47	*	*	*	478	*	-	101	38
North Wollo Zone	6,347	2,829	*	65	*	1,193	77	*	2,062	74
Bugna	355	78	-	*	-	189	*	*	74	8
Kobo	3,523	1,874	*	37	*	182	*	*	1,345	51
Gidan	439	158	*	*	-	96	45	-	130	-
Meket	317	38	-	-	-	201	13	-	59	*
Wadla	200	70	-	-	*	74	-	-	41	-
Dawuntna Delanta	225	51	-	-	-	125	-	-	49	-
Habru	1,122	515	-	17	*	240	*	-	333	8
Weldia	167	45	*	*	-	86	-	-	30	*
South Wollo Zone	7,923	2,749	71	67	26	2,653	59	*	2,208	83
Mekdela	138	*	-	-	-	65	-	-	44	-
Tenta	730	203	-	*	-	299	15	-	196	16
Kutaber	312	56	*	-	-	195	*	-	42	*
Ambasel	276	145	-	*	-	59	*	-	67	*
Tehuledere	801	320	*	*	-	210	*	-	242	21
Werebabu	428	207	*	*	*	78	*	*	125	-
Kalu	1,099	605	*	-	-	53	*	-	429	*
Dessie Zuria	249	105	*	-	-	91	*	-	46	-
Legambo	460	217	-	-	*	97	-	*	141	-
Sayint	250	58	-	-	*	115	-	-	68	*
Debresina	340	46	-	*	*	183	*	-	86	*
Kelala	477	172	-	*	-	179	*	-	112	*
Jama	377	113	-	*	-	155	*	-	88	*
Were Ilu	669	164	*	*	*	283	-	-	197	*
Wegde	209	74	-	-	-	62	*	-	65	*
Kombolcha	371	138	*	*	*	95	-	-	122	*
Dessie	734	96	*	9	*	435	*	-	139	*
North Shewa Zone	11,361	3,830	400	89	156	3,205	24	239	3,142	276
Middana Weremo	515	203	*	-	30	38	-	-	215	26
Merhabete	584	217	*	*	8	145	*	*	193	*
Insarona Wayu	696	210	34	*	*	225	-	75	127	*
Moretna Jiru	569	233	64	-	*	91	-	26	112	34
Gera Keya	296	48	-	-	13	105	-	*	116	*
Geshe	47	18	*	-	-	9	-	-	18	-
Antsokiya Gemza	753	491	*	*	*	54	*	-	193	*

TABLE 7-7-c –(Cont'd)

Geographic Area	CATTLE AGED 3 – 10 YEARS									
		MALE				FEMALE				
	Total	Draught	Beef	Breeding	Other	Milk	Draught	Beef	Breeding	Other
Efratana Gidim	1,705	823	20	-	51	211	-	-	553	36
Lalo Midir	259	44	-	-	-	143	-	-	52	-
Mojana Wedera	125	-	-	-	-	34	-	13	45	-
Tarmaber	732	161	20	-	-	246	-	64	227	-
Kewet	1,215	439	14	-	-	209	-	-	485	32
Asagirt	178	63	-	-	-	55	-	-	53	-
Angolelana Tera	490	50	-	-	-	333	-	-	60	30
Ankober	310	119	-	-	-	63	-	-	128	-
Hagere Mariam	138	49	-	-	-	51	-	-	12	-
Berehet	136	82	12	-	-	17	-	5	18	-
Minjarna Shenkora	1,119	508	131	49	18	91	-	-	289	-
Debre Berhane	1,497	56	-	-	-	1,086	-	25	247	28
East Gojam Zone	9,666	1,457	85	309	122	4,747	54	68	2,699	125
Bibugn	95	15	-	-	-	-	-	-	76	-
Hulet Ej Enesie	929	214	-	15	16	417	-	-	222	32
Goncha Siso Enesie	452	150	-	-	-	198	-	-	73	-
Enebse Sar Midir	479	156	-	-	7	222	-	-	68	-
Enarj Enawga	556	96	-	9	11	270	-	-	141	10
Enemay	697	107	-	7	-	331	-	-	231	8
Debay Telatgen	241	46	-	-	-	132	-	-	58	-
Machakel	1,005	92	7	65	-	374	-	-	435	-
Gozamin	254	58	-	-	-	133	-	-	53	-
Baso Liben	594	105	-	46	-	226	-	-	210	-
Awabel	727	117	13	21	33	357	-	-	178	-
Dejen	264	13	-	-	-	203	-	-	42	-
Shebel Berenta	104	14	-	-	-	47	-	-	36	-
Debre Markos	3,269	273	42	113	-	1,839	-	-	877	-
West Gojam Zone	11,680	2,090	121	206	340	4,041	40	27	4,427	388
Achefer	2,061	699	-	45	45	284	16	-	914	55
Bahirdar Zuria	1,178	98	-	30	23	464	-	-	515	17
Yilmana Densa	697	117	11	-	-	452	-	-	90	-
Merawi	1,289	109	41	44	-	744	-	-	344	-
Sekela	251	19	-	-	-	99	-	-	99	29
Kuarit	111	20	-	-	-	-	-	-	81	-
Dega Damot	123	11	-	-	-	-	-	-	102	-
Dembecha	1,535	294	-	23	93	305	-	-	719	91
Jabi Tehnan	2,812	362	-	32	147	1,217	-	11	871	165
Bure Wemberma	1,623	362	31	25	16	473	-	-	693	17
Wag Hamra Zone	1,156	438	11	22	-	399	-	-	278	-
Zikuala	235	97	9	9	-	92	-	-	26	-
Sekota	628	225	-	12	-	202	-	-	182	-
Dehana	293	116	-	-	-	104	-	-	70	-
Awi Zone	7,158	1,339	46	101	94	1,950	-	24	3,387	205
Dangela	1,709	350	-	21	-	675	-	-	502	108
Banja	1,142	37	-	34	31	209	-	-	800	23
Ankasha	1,468	282	-	33	-	358	-	-	759	-
Guangua	2,234	607	20	-	33	435	-	-	1,078	51
Faggeta Lekoma	604	63	-	-	-	272	-	-	247	-
Oromia Zone	2,074	757	-	23	42	532	12	-	644	46
Chefegolana Dawerahimedo	1,011	291	-	14	27	346	-	-	282	40
Bati	233	85	-	-	-	67	-	-	66	-
Jile Tumuga	265	84	-	-	-	44	-	-	130	-
Artuma Fursi	566	297	-	-	11	75	-	-	165	-
Bahirdar Special Zone	4,042	875	-	-	44	1,965	-	-	847	188
Bahirdar	4,042	875	-	-	44	1,965	-	-	847	188

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

a) Both Rural and Urban Holdings

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
		MALE				FEMALE			
	Total	Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Amhara Region	2,747,181	108,107	2,512	122,214	41,333	22,470	11,790	2,418,893	19,862
North Gonder Zone	267,735	5,018	*	14,089	1,285	3,476	710	240,868	2,191
Addi Arkay	9,429	*	-	918	*	*	-	6,922	*
Beyeda	39,234	1,473	-	2,052	*	1,001	-	34,068	562
Janamora	52,552	990	*	2,510	679	*	*	47,726	*
Debark	25,975	332	-	1,010	*	*	*	23,911	*
Dabat	12,133	169	-	171	*	132	*	11,357	*
Sanja	988	*	-	*	-	*	-	733	-
Lay Armacheho	5,547	*	-	*	-	-	*	5,041	-
Wegera	50,172	737	-	1,698	*	*	-	46,770	*
Gonder Zuria	20,252	352	-	769	*	*	-	18,850	*
Dembia	4,707	*	-	*	-	*	*	4,299	-
Chilga	3,659	*	-	*	*	*	*	3,341	-
Metema	2,425	*	-	88	*	*	-	2,290	-
Quara	418	*	-	*	-	-	-	338	*
Alefa	7,739	*	*	*	-	*	*	7,268	*
Belesa	31,891	245	*	*	-	*	*	27,447	*
Gonder	613	24	*	41	*	30	-	508	*
South Gonder Zone	246,235	5,247	*	4,323	1,268	2,504	1,503	228,735	2,462
Ebenat	15,578	698	-	567	*	-	-	13,963	*
Kemekem	15,404	*	-	345	*	*	*	13,526	*
Fogera	3,356	*	-	*	-	*	*	3,198	*
Farta	40,190	519	*	*	-	513	*	38,306	*
Lay Gayint	36,534	641	-	816	*	366	-	34,353	*
Tach Gayint	12,496	860	-	390	-	*	*	10,929	*
Simada	38,626	1,034	*	644	*	*	*	34,988	*
Estie	69,071	1,020	*	936	*	*	*	65,476	1,093
Dera	14,548	*	-	357	*	*	*	13,617	*
Debre Tabor	433	22	-	11	*	*	-	380	-
North Wollo Zone	309,404	14,845	*	19,492	1,878	3,440	1,541	264,850	3,155
Bugna	30,399	2,092	-	1,870	*	*	-	25,902	*
Kobo	4,243	*	-	*	*	*	*	3,531	*
Gidan	58,735	2,219	-	3,169	*	*	*	50,273	*
Meket	57,232	4,123	*	*	*	933	*	47,557	*
Wadla	54,977	2,926	*	2,949	*	374	*	46,938	1,109
Dawuntna Delanta	64,389	2,831	*	4,885	*	*	-	55,730	*
Guba Lafto	33,224	375	-	2,841	*	*	-	29,585	*
Habru	6,126	32	-	219	*	*	*	5,267	305
Weldia	79	7	-	*	-	*	-	68	-
South Wollo Zone	771,232	26,447	*	41,532	26,853	3,106	2,215	665,740	5,187
Mekdela	55,823	2,049	-	6,871	970	*	*	44,584	*
Tenta	81,590	2,766	-	6,609	*	*	*	68,046	*
Kutaber	36,159	1,795	-	2,138	*	*	*	31,651	271
Ambasel	31,843	2,313	-	1,946	*	*	-	26,634	*
Tehuledere	15,112	275	-	*	482	*	*	12,611	*
Werebabu	4,124	701	-	278	119	*	-	3,026	-
Kalu	6,855	*	-	330	1,090	*	-	5,184	-
Dessie Zuria	122,997	4,628	-	6,156	*	*	-	98,558	758
Legambo	98,012	4,417	-	4,615	2,203	579	-	85,542	656
Sayint	70,923	1,642	-	2,566	522	*	*	65,128	*
Debresina	59,144	2,498	-	1,253	*	*	*	54,114	*
Kelala	35,684	966	-	*	1,678	*	*	31,070	*
Jama	56,795	*	-	2,654	870	*	*	52,264	*
Were Ilu	86,537	1,272	*	3,138	*	*	*	78,466	352
Wegde	8,670	*	-	*	*	-	-	8,137	*
Kombolcha	179	22	-	9	*	-	-	141	-
Dessie	786	121	-	43	*	15	*	585	*
North Shewa Zone	448,670	34,499	1,473	25,279	7,617	2,444	3,174	371,419	2,765
Middana Weremo	2,354	*	-	*	*	*	*	2,036	*
Merhabete	1,987	158	*	*	*	*	*	1,753	-
Insarona Wayu	29,356	2,224	-	584	*	265	*	25,961	*
Moretna Jiru	8,337	1,930	-	*	*	142	-	6,148	-
Gera Keya	99,737	8,020	*	6,751	3,621	279	1,672	77,799	691
Geshe	34,254	1,022	*	2,948	1,075	*	*	29,035	*
Antsokiya Gemza	8,114	257	*	*	-	*	*	6,675	-

TABLE 7-8-a –(Cont'd)

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
		MALE				FEMALE			
	Total	Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Efratana Gidim	6,681	897		148				5,340	
Lalo Midir	51,829	4,454		3,931		226		41,773	212
Mojana Wedera	33,046	2,931		1,644	640	239		27,105	467
Tarmaber	9,470	416		518	171			8,159	
Kewet	4,152	185						3,725	
Asagirt	14,375	832		508	269	161		12,470	61
Angolelana Tera	45,781	1,855		1,633	155	383		41,258	
Ankober	7,040	520			294			5,997	
Hagere Mariam	15,832	1,665		645	201	113		13,072	
Berehet	2,607	513		96				1,960	
Minjarna Shenkora	10,822	642		1,128				8,630	
Debre Berhane	3,103	593		76		60		2,328	
Basona Werana	59,794	5,297		3,377				50,197	
East Gojam Zone	338,088	11,240		6,179	606	2,648	1,187	314,971	1,186
Bibugn	26,277	937		434			235	24,343	
Hulet Ej Enesie	41,968	1,159		855		266		39,174	
Goncha Siso Enesie	28,009	1,577		438				25,640	
Enebse Sar Midir	8,459							8,045	
Enarj Enawga	21,655	660		492		457		19,789	
Enemay	18,091	634		263				16,946	
Debay Telatgen	32,367	1,346		582				30,310	
Machakel	38,795	836		1,038				36,237	
Gozamin	66,496	1,660		900		497		62,841	
Baso Liben	12,488	231		152				11,966	
Awabel	32,611	1,337		656				29,929	
Dejen	6,920	331				109		6,303	
Shebel Berenta	2,695	205						2,375	
Debre Markos	1,256	116		41				1,073	
West Gojam Zone	188,072	5,274		2,382	1,220	2,312	591	173,960	2,252
Achefer	14,120	298		582				12,693	
Bahirdar Zuria	7,128							6,726	
Yilmana Densa	33,808	1,250						31,209	
Merawi	11,812	353				376		10,512	
Sekela	33,913			460				32,689	
Kuarit	20,439	738		295		218		18,033	761
Dega Damot	37,808	867				341		36,103	
Dembecha	7,601	715						6,565	
Jabi Tehnan	7,304	351						6,492	
Bure Wemberma	14,138	351						12,938	
Wag Hamra Zone	42,283	1,911		6,420		440	551	32,651	
Zikuala	13,873	593		1,648		392		10,962	
Sekota	17,971							13,527	
Dehana	10,439			1,629				8,162	
Awi Zone	126,476	2,370		1,596		2,015		119,624	516
Dangela	7,507	521				250		6,527	
Banja	50,067	418		480				48,600	
Ankasha	27,009	571						25,360	
Guangua	12,723	339		415		207		11,623	
Faggeta Lekoma	29,170	521		243				27,514	
Oromia Zone	8,224	1,086		866	399			5,611	
Chefegolana Dawerahimedo	3,054							2,236	
Bati	2,617							2,036	
Jile Tumuga	972							745	
Artuma Fursi	1,581	352						594	
Bahirdar Special Zone	760	171						463	
Bahirdar	760	171						463	

b) Rural Holdings

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
		MALE				FEMALE			
	Total	Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Amhara Region	2,702,893	103,439	2,484	120,231	40,933	21,810	11,588	2,382,711	19,698
North Gonder Zone	262,747	4,883	*	13,942	1,277	3,331	681	236,373	2,168
Addi Arkay	9,381	*	-	913	*	*	-	6,879	*
Beyeda	39,117	1,473	-	2,044	*	1,001	-	33,959	562
Janamora	52,485	984	*	2,510	679	*	*	47,666	*
Debark	25,084	*	-	987	*	*	-	23,094	*
Dabat	11,755	*	-	164	*	*	*	11,002	*
Sanja	*	-	-	*	-	-	-	*	-
Lay Armacheho	5,433	-	-	*	-	-	*	4,932	-
Wegera	49,714	733	-	1,698	*	*	-	46,351	*
Gonder Zuria	20,054	352	-	764	*	*	-	18,661	*
Dembia	4,420	-	-	*	-	*	*	4,047	-
Chilga	3,382	*	-	*	-	*	-	3,120	-
Metema	2,165	*	-	*	*	-	-	2,051	-
Quara	418	*	-	*	-	-	-	338	*
Alefa	7,158	-	-	*	-	-	*	6,724	-
Belesa	31,761	245	*	*	-	*	*	27,340	*
South Gonder Zone	241,907	4,993	*	4,215	1,241	2,474	1,491	224,876	2,424
Ebenat	15,502	692	-	566	*	-	-	13,895	*
Kemekem	15,024	*	-	328	*	*	*	13,188	*
Fogera	3,163	*	-	*	-	-	-	3,044	-
Farta	39,987	508	*	*	-	508	*	38,120	*
Lay Gayint	35,529	557	-	793	*	359	-	33,462	*
Tach Gayint	12,368	851	-	388	-	*	*	10,821	*
Simada	38,140	1,015	*	644	*	*	*	34,548	*
Estie	68,093	957	-	927	*	*	*	64,583	1,092
Dera	14,101	*	-	330	-	*	*	13,215	*
North Wollo Zone	307,473	14,608	*	19,401	1,858	3,403	1,541	263,308	3,153
Bugna	30,154	2,070	-	1,859	*	*	-	25,691	*
Kobo	4,075	*	-	*	*	-	*	3,421	*
Gidan	58,521	2,213	-	3,167	*	*	*	50,068	*
Meket	56,829	4,057	*	*	*	922	*	47,241	*
Wadla	54,753	2,890	*	2,934	*	374	*	46,764	1,109
Dawuntna Delanta	64,044	2,763	*	4,867	*	-	-	55,474	*
Guba Lafto	33,224	375	-	2,841	*	*	-	29,585	*
Habru	5,874	-	-	212	*	*	*	5,064	*
South Wollo Zone	762,840	25,481	*	40,726	26,733	3,042	2,198	659,389	5,118
Mekdela	55,636	2,049	-	6,836	960	*	*	44,475	*
Tenta	80,144	2,641	-	6,435	*	*	*	66,949	*
Kutaber	35,721	1,679	-	2,126	*	*	*	31,346	271
Ambasel	31,733	2,302	-	1,937	*	*	-	26,553	*
Tehuledere	14,433	*	-	*	471	*	*	12,096	*
Werebabu	3,979	656	-	277	114	-	-	2,932	-
Kalu	6,687	*	-	*	1,090	*	-	5,047	-
Dessie Zuria	122,518	4,586	-	6,147	*	*	-	98,130	758
Legambo	97,295	4,299	-	4,568	2,194	575	-	85,003	656
Sayint	70,599	1,587	-	2,551	507	*	*	64,902	*
Debresina	58,741	2,448	-	1,205	*	*	*	53,826	*
Kelala	35,161	914	-	*	1,674	*	-	30,667	*
Jama	56,289	*	-	2,542	861	*	*	51,905	*
Were Ilu	85,309	1,165	*	2,997	*	*	*	77,491	352
Wegde	8,595	*	-	*	*	-	-	8,068	*
North Shewa Zone	438,782	32,825	1,467	24,876	7,535	2,315	3,134	363,877	2,754
Middana Weremo	2,059	*	-	*	-	*	*	1,781	*
Merhabete	1,562	*	-	*	-	-	-	1,387	-
Insarona Wayu	28,619	2,126	-	570	*	246	*	25,367	*
Moretna Jiru	7,724	1,743	-	*	*	138	-	5,733	-
Gera Keya	98,797	7,848	*	6,674	3,620	279	1,672	77,110	691
Geshe	34,065	992	*	2,933	1,073	*	*	28,894	*
Antsokiya Gemza	7,870	220	*	*	-	-	*	6,483	-
Efratana Gidim	6,474	868	-	*	*	*	*	5,197	-
Lalo Midir	51,305	4,395	*	3,877	*	226	*	41,362	212
Mojana Wedera	32,876	2,892	*	1,632	640	230	-	26,993	467
Tarmaber	8,781	330	*	486	167	-	*	7,621	*
Kewet	3,849	*	-	*	*	*	-	3,519	*

TABLE 7-8-b –(Cont'd)

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
		MALE				FEMALE			
	Total	Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Asagurt	14,212	813	-	502	269	161	-	12,332	61
Angolelana Tera	45,311	1,831	-	1,617	-	378	-	40,836	-
Ankober	6,736	443	-	-	293	-	-	5,779	-
Hagere Mariam	15,678	1,636	-	631	201	113	-	12,961	-
Berehet	2,582	497	-	96	-	-	-	1,951	-
Minjarna Shenkora	10,485	587	-	1,104	-	-	-	8,372	-
Basona Werana	59,794	5,297	-	3,377	-	-	-	50,197	-
East Gojam Zone	331,568	10,689	-	6,048	587	2,576	1,130	309,290	1,184
Bibugn	26,171	927	-	434	-	-	228	24,255	-
Hulet Ej Enesie	41,112	1,070	-	840	-	248	-	38,465	-
Goncha Siso Enesie	27,621	1,554	-	426	-	-	-	25,307	-
Enebse Sar Midir	8,164	-	-	-	-	-	-	7,803	-
Enarj Enawga	21,183	624	-	492	-	451	-	19,367	-
Enemay	17,432	588	-	256	-	-	-	16,345	-
Debay Telatgen	32,089	1,329	-	580	-	-	-	30,052	-
Machakel	38,266	772	-	1,020	-	-	-	35,801	-
Gozamin	66,117	1,648	-	896	-	497	-	62,480	-
Baso Liben	12,198	220	-	146	-	-	-	11,693	-
Awabel	32,042	1,294	-	652	-	-	-	29,426	-
Dejen	6,542	299	-	-	-	109	-	5,969	-
Shebel Berenta	2,631	191	-	-	-	-	-	2,327	-
West Gojam Zone	184,686	4,839	-	2,331	1,169	2,214	578	171,237	2,243
Achefer	13,605	274	-	571	-	-	-	12,218	-
Bahirdar Zuria	7,024	-	-	-	-	-	-	6,641	-
Yilmana Densa	33,535	1,187	-	-	-	-	-	31,034	-
Merawi	11,363	-	-	-	-	357	-	10,157	-
Sekela	33,645	-	-	460	-	-	-	32,429	-
Kuarit	20,278	706	-	288	-	216	-	17,914	761
Dega Damot	37,667	859	-	-	-	337	-	35,975	-
Dembecha	7,217	640	-	-	-	-	-	6,277	-
Jabi Tehnan	6,703	-	-	-	-	-	-	6,048	-
Bure Wemberma	13,647	297	-	-	-	-	-	12,542	-
Wag Hamra Zone	42,056	1,904	-	6,381	-	440	551	32,470	-
Zikuala	13,818	588	-	1,641	-	392	-	10,919	-
Sekota	17,861	-	-	-	-	-	-	13,438	-
Dehana	10,377	-	-	1,616	-	-	-	8,113	-
Awi Zone	122,911	2,169	-	1,478	-	1,970	-	116,473	506
Dangela	6,964	439	-	-	-	-	-	6,114	-
Banja	48,801	375	-	416	-	-	-	47,466	-
Ankasha	26,107	557	-	-	-	-	-	24,500	-
Guangua	12,188	-	-	392	-	202	-	11,153	-
Faggeta Lekoma	28,851	497	-	240	-	-	-	27,240	-
Oromia Zone	7,922	1,049	-	832	372	-	-	5,417	-
Chefegolana Dawerahimedo	2,978	-	-	-	-	-	-	2,170	-
Bati	2,503	-	-	-	-	-	-	1,984	-
Jile Tumuga	947	-	-	-	-	-	-	732	-
Artuma Fursi	1,494	349	-	-	-	-	-	531	-

c) Urban Holdings

Geographic Area	SHEEP AGED 2 YEARS AND OLDER								
	Total	MALE				FEMALE			
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Amhara Region	44,287	4,668	28	1,983	400	660	203	36,182	164
North Gonder Zone	4,988	135	*	147	8	145	*	4,495	23
Addi Arkay	48	-	-	*	-	-	-	43	-
Beyeda	117	-	-	*	-	-	-	109	-
Janamora	67	*	-	-	-	-	-	60	-
Debark	891	32	-	24	*	*	*	817	*
Dabat	378	*	-	*	-	*	-	355	-
Sanja	571	*	-	-	-	*	-	524	-
Lay Armacheho	114	*	-	-	-	*	-	108	-
Wegera	459	*	-	-	-	*	-	419	-
Gonder Zuria	198	-	-	*	-	*	-	190	*
Dembia	287	*	-	14	-	*	-	251	-
Chilga	277	*	-	10	*	*	*	221	-
Metema	259	-	-	*	-	*	-	239	-
Quara	-	-	-	-	-	-	-	-	-
Alefa	580	*	*	5	-	-	*	543	*
Belesa	130	-	-	*	-	-	*	107	-
Gonder	613	24	*	41	*	30	*	508	*
South Gonder Zone	4,329	254	*	108	*	30	*	3,859	38
Ebenat	76	6	-	*	-	-	-	68	*
Kemekem	381	*	-	*	-	*	-	338	*
Fogera	193	12	-	14	-	*	-	154	*
Farta	203	11	-	*	-	*	-	186	-
Lay Gayint	1,005	84	-	23	*	*	-	891	-
Tach Gayint	128	*	-	*	-	-	-	108	-
Simada	486	19	-	-	-	*	*	440	*
Estie	978	64	*	10	*	*	*	892	*
Dera	447	15	-	27	*	*	-	402	-
Debre Tabor	433	22	-	11	*	*	-	380	-
North Wollo Zone	1,931	237	-	92	*	37	*	1,542	*
Bugna	245	22	-	11	-	-	-	211	-
Kobo	169	-	-	-	-	-	-	109	-
Gidan	213	*	-	*	-	*	-	205	-
Meket	403	66	-	*	-	*	-	316	-
Wadla	*	*	-	*	-	*	-	174	-
Dawuntna Delanta	345	67	-	18	-	*	-	257	-
Habru	252	32	-	*	-	*	-	202	*
Weldia	79	7	-	*	-	*	-	68	-
South Wollo Zone	8,392	966	-	806	120	63	*	6,351	68
Mekdela	187	-	-	*	-	-	-	109	*
Tenta	1,446	125	-	174	28	*	-	1,097	*
Kutaber	438	116	-	*	-	*	*	305	-
Ambasel	110	*	-	*	-	*	-	81	-
Tehuledere	679	71	-	80	11	*	-	515	*
Werebabu	145	45	-	*	-	-	-	94	-
Kalu	168	11	-	20	-	-	-	137	-
Dessie Zuria	478	43	-	*	-	*	-	427	-
Legambo	717	118	-	47	*	*	-	539	-
Sayint	324	55	-	15	15	*	-	226	*
Debresina	403	50	-	*	-	11	-	288	-
Kelala	524	52	-	49	-	*	*	403	*
Jama	505	*	-	111	-	*	-	359	-
Were Ilu	1,228	107	-	142	-	*	-	975	-
Wegde	75	*	-	*	-	-	-	69	-
Kombolcha	179	22	-	9	-	*	-	141	-
Dessie	786	121	-	43	*	15	*	585	*
North Shewa Zone	9,888	1,674	*	403	82	129	41	7,542	*
Middana Weremo	295	26	-	*	-	*	-	255	-
Merhabete	425	36	*	14	-	*	*	366	*
Insarona Wayu	737	98	-	*	-	19	*	594	*
Moretna Jiru	613	186	-	*	-	*	-	414	-
Gera Keya	940	173	-	77	*	*	-	689	-
Geshe	188	30	-	*	*	-	-	141	-

TABLE 7-8-c –(Cont'd)

Geographic Area	SHEEP AGED 2 YEARS AND OLDER							
	Total	MALE				FEMALE		
		Mutton/Meat	Wool	Breeding	Other	Mutton/Meat	Wool	Breeding	Other
Antsokiya Gemza	244	37						191	
Efratana Gidim	207	30			21			143	
Lalo Midir	524	59		54				411	
Mojana Wedera	170	38						111	
Tarmaber	688	86		32				537	
Kewet	302	63		27				206	
Asagirt	163							137	
Angolelana Tera	470	24		16				422	
Ankober	305	77						218	
Hagere Mariam	154	29		14				111	
Berehet									
Minjarna Shenkora	337	55		24				258	
Debre Berhane	3,103	593		76		60		2,328	
East Gojam Zone	6,520	550		131	19	72	57	5,681	
Bibugn	106							89	
Hulet Ej Enesie	856	89		15		19		709	
Goncha Siso Enesie	389	23						333	
Enebse Sar Midir	295	37		9				242	
Enarj Enawga	472	36						421	
Enemay	659	47						600	
Debay Telatgen	277	17						258	
Machakel	530	64		18				437	
Gozamin	379	12						361	
Baso Liben	290							273	
Awabel	569	43						503	
Dejen	378	32		13				333	
Shebel Berenta	64	14						48	
Debre Markos	1,256	116		41				1,073	
West Gojam Zone	3,385	435		51	51	98		2,724	9
Achefer	516	24						474	
Bahirdar Zuria	104	16						85	
Yilmana Densa	272	63		20				176	
Merawi	449	66				19		355	
Sekela	268							260	
Kuarit	161	31						119	
Dega Damot	140	8						128	
Dembecha	383	75						288	
Jabi Tehnan	601	95				36		445	
Bure Wemberma	491	53				24		396	
Wag Hamra Zone	227	7		39				181	
Zikuala	55	5		7				43	
Sekota	110			19				89	
Dehana	63							49	
Awi Zone	3,564	201		118		46	32	3,151	
Dangela	543	82		16				413	
Banja	1,266	43						1,134	
Ankasha	902			11				860	
Guangua	536	38						470	
Faggeta Lekoma	319							274	
Oromia Zone	302	38		34	27			194	
Chefegolana Dawerahimedo	77							66	
Bati	114	26			16			52	
Jile Tumuga								13	
Artuma Fursi	87							63	
Bahirdar Special Zone	760	171						463	
Bahirdar	760	171						463	

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

a) Both Rural and Urban Holdings

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALES			FEMALES			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Amhara Region	1,786,052	199,948	120,194	23,900	22,654	79,306	1,319,554	20,498
North Gonder Zone	300,786	17,985	26,650	2,577	6,169	3,348	239,604	4,453
Addi Arkay	33,228	2,121	2,904	*	737	494	26,577	274
Beyeda	16,620	942	1,399	*	*	*	13,757	*
Janamora	17,167	345	1,057	504	*	*	14,434	*
Debark	18,396	1,796	1,511	*	*	*	13,733	*
Dabat	13,082	1,727	407	*	368	*	10,289	*
Sanja	34,536	1,608	6,047	518	1,163	348	24,272	579
Lay Armacheho	14,419	647	623	*	215	*	11,824	*
Wegera	17,890	1,488	909	*	*	*	14,404	*
Gonder Zuria	16,058	1,315	534	*	*	*	13,513	*
Dembia	2,840	*	*	*	*	*	2,389	*
Chilga	20,480	1,050	1,301	*	*	*	17,898	*
Metema	14,149	776	1,331	*	216	*	11,358	*
Quara	11,785	565	1,977	*	420	766	7,712	273
Alefa	25,089	*	1,192	*	532	*	21,684	*
Belesa	44,853	2,128	5,315	*	*	*	35,573	*
Gonder	193	*	*	*	*	*	188	*
South Gonder Zone	190,140	21,565	6,161	3,483	2,237	1,799	148,725	*
Ebenat	29,375	4,456	794	*	653	*	22,390	693
Kemekem	15,574	1,433	410	*	*	*	12,736	313
Fogera	11,985	*	857	*	*	*	10,069	*
Farta	16,845	1,398	*	*	*	*	14,151	*
Lay Gayint	22,823	*	*	*	*	*	15,181	*
Tach Gayint	14,854	2,109	552	*	*	*	11,394	*
Simada	37,827	6,516	1,845	*	*	*	27,943	*
Estie	29,858	2,484	*	*	*	*	25,192	819
Dera	10,954	*	*	*	*	*	9,622	*
Debre Tabor	46	*	*	*	*	*	46	*
North Wollo Zone	197,607	15,752	11,384	1,487	2,662	*	164,148	1,962
Bugna	37,178	2,451	2,936	*	*	*	30,714	*
Kobo	29,146	1,075	1,494	*	*	*	25,911	*
Gidan	19,018	2,200	969	*	325	*	15,019	*
Meket	27,119	2,737	1,910	*	*	*	21,728	*
Wadla	10,600	1,399	466	*	*	*	8,387	*
Dawuntna Delanta	29,514	4,938	1,050	*	*	*	22,451	*
Guba Lafto	25,063	407	1,903	*	*	*	22,396	*
Habru	19,966	546	*	*	*	*	17,540	589
Weldia	*	*	*	*	*	*	*	*
South Wollo Zone	333,054	28,772	24,932	8,545	1,921	617	263,557	4,711
Mekdela	22,641	*	2,015	1,762	412	*	14,525	277
Tenta	27,727	2,335	3,107	511	*	*	20,789	641
Kutaber	22,086	2,483	2,102	*	*	*	17,030	256
Ambasel	27,362	3,395	1,356	*	*	*	22,433	*
Tehuledere	9,113	831	*	*	*	*	7,561	308
Werebabu	11,183	668	492	*	*	*	9,272	320
Kalu	31,143	1,920	3,531	520	210	*	24,485	*
Dessie Zuria	45,905	1,531	3,057	*	*	*	39,668	1,170
Legambo	8,474	911	376	722	*	*	6,248	217
Sayint	54,431	4,674	4,455	2,307	*	*	42,750	*
Debresina	17,201	2,546	656	*	*	*	13,634	*
Kelala	22,471	1,812	1,925	464	*	*	17,685	*
Jama	8,340	284	769	*	*	*	6,475	*
Were Ilu	10,267	*	284	*	*	*	8,906	206
Wegde	14,491	1,424	533	*	238	*	11,914	*
Kombolcha	103	*	*	*	*	*	95	*
Dessie	115	*	*	*	*	*	87	*
North Shewa Zone	247,075	50,990	15,702	3,775	2,894	848	171,917	948
Middana Weremo	8,327	1,061	225	278	*	*	6,720	*
Merhabete	12,451	2,358	580	*	*	*	8,988	*
Insarona Wayu	9,303	1,820	244	*	*	*	7,030	*
Moretna Jiru	9,927	2,123	485	136	*	*	7,008	*
Gera Keya	18,770	2,877	1,746	393	255	*	13,393	*
Geshe	13,046	1,611	1,068	634	*	*	9,535	*
Antsokiya Gemza	7,468	534	371	137	*	*	6,348	*
Efratana Gidim	10,377	2,244	293	*	263	*	7,456	*

TABLE 7-9-a –(Cont'd)

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALES			FEMALES			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Lalo Midir	14,619	4,088	1,030	-	-	-	9,169	-
Mojana Wedera	9,684	2,028	679	-	-	-	6,639	88
Tarmaber	17,396	3,470	1,419	516	-	-	11,516	206
Kewet	14,702	3,012	309	266	-	-	10,970	-
Asagirt	12,811	3,349	746	206	391	-	7,897	158
Angolelana Tera	3,607	605	-	-	-	-	2,476	-
Ankober	20,513	5,291	1,166	-	150	-	13,534	-
Hagere Mariam	13,020	3,712	375	264	86	-	8,490	-
Berehet	7,400	1,599	572	-	42	-	5,139	-
Minjarna Shenkora	23,446	3,764	2,791	-	239	-	16,304	-
Debre Berhane	54	-	-	-	-	-	30	-
Basona Werana	20,152	5,433	1,216	-	-	-	13,276	-
East Gojam Zone	106,872	9,756	5,161	967	1,189	399	89,033	367
Bibugn	5,813	758	-	-	-	-	4,537	-
Hulet Ej Enesie	16,839	2,135	-	-	-	-	13,867	-
Goncha Siso Enesie	9,277	1,260	246	-	-	-	7,550	-
Enebse Sar Midir	16,813	1,645	860	-	-	-	13,787	-
Enarj Enawga	13,070	776	-	-	-	-	11,090	-
Enemay	5,220	344	-	-	-	-	4,488	-
Debay Telatgen	2,564	-	-	-	-	-	2,341	-
Machakel	4,058	-	-	-	-	-	3,695	-
Gozamin	5,142	-	-	-	-	-	4,657	-
Baso Liben	10,743	710	390	-	-	-	9,452	-
Awabel	5,605	420	-	-	-	-	4,474	-
Dejen	5,883	669	588	-	188	-	4,276	-
Shebel Berenta	5,832	638	232	-	-	-	4,810	-
Debre Markos	-	-	-	-	-	-	-	-
West Gojam Zone	79,548	6,624	3,162	1,075	1,171	-	66,645	558
Achefer	20,082	938	-	-	-	-	16,223	-
Bahirdar Zuria	10,173	1,010	286	-	-	-	8,760	-
Yilmana Densa	18,850	2,425	-	-	-	-	15,754	-
Merawi	6,896	-	-	-	-	-	6,241	-
Sekela	6,655	543	-	-	-	-	5,762	-
Kuarit	3,316	-	-	-	-	-	2,848	-
Dega Damot	6,674	-	-	-	-	-	5,329	-
Dembecha	1,787	-	-	-	-	-	1,593	-
Jabi Tehnan	2,933	460	-	-	-	-	2,372	-
Bure Wemberma	2,182	-	-	-	-	-	1,763	-
Wag Hamra Zone	242,455	-	23,689	1,123	3,419	-	99,734	818
Zikuala	-	-	13,382	137	3,125	-	38,209	-
Sekota	62,905	3,951	-	-	-	-	42,166	-
Dehana	24,465	1,798	2,364	-	-	-	19,358	-
Awi Zone	40,274	3,433	1,200	-	726	-	34,618	-
Dangela	8,102	1,054	-	-	-	-	6,771	-
Banja	2,552	277	-	-	-	-	2,173	-
Ankasha	8,236	870	-	-	-	-	7,053	-
Guangua	13,703	769	605	-	-	-	11,639	-
Faggeta Lekoma	7,681	463	-	-	-	-	6,982	-
Oromia Zone	48,080	2,505	2,154	798	260	659	41,420	283
Chefegolana Dawerahimedo	16,930	990	587	-	-	-	15,187	-
Bati	14,080	775	534	494	-	-	11,997	-
Jile Tumuga	9,540	318	486	-	-	525	7,899	-
Artuma Fursi	7,530	422	546	160	-	-	6,338	-
Bahirdar Special Zone	161	-	-	-	-	-	152	-
Bahirdar	161	-	-	-	-	-	152	-

b) Rural Holdings

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALES			FEMALES			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Amhara Region	1,778,717	199,257	119,818	23,845	22,444	79,257	1,313,660	20,435
North Gonder Zone	298,882	17,931	26,555	2,570	6,072	3,342	237,993	4,420
Addi Arkay	32,935	2,109	2,896	*	733	494	26,315	268
Beyeda	16,608	942	1,399	*	*	*	13,745	*
Janamora	17,160	345	1,057	504	*	*	14,427	*
Debark	18,366	1,796	1,510	*	*	*	13,703	*
Dabat	13,051	1,723	407	*	368	*	10,263	*
Sanja	34,260	1,608	6,028	518	1,087	348	24,111	560
Lay Armacheho	14,398	646	623	*	215	*	11,812	*
Wegera	17,850	1,483	908	*	*	*	14,377	*
Gonder Zuria	15,949	1,310	524	*	*	*	13,426	*
Dembia	2,650	*	*	*	*	*	2,234	*
Chilga	20,446	1,044	1,301	*	*	*	17,870	*
Metema	13,616	775	1,309	*	216	*	10,851	*
Quara	11,754	565	1,969	*	420	766	7,688	273
Alefa	25,031	*	1,186	*	529	*	21,644	*
Belesa	44,806	2,125	5,315	*	*	*	35,529	*
South Gonder Zone	189,667	21,527	6,152	3,480	2,223	1,799	148,315	*
Ebenat	29,358	4,455	794	*	653	*	22,374	693
Kemekem	15,459	1,427	410	*	*	*	12,637	313
Fogera	11,952	*	850	*	*	*	10,044	*
Farta	16,838	1,392	*	*	*	*	14,150	*
Lay Gayint	22,751	*	*	*	*	*	15,126	*
Tach Gayint	14,842	2,104	552	*	*	*	11,387	*
Simada	37,788	6,512	1,845	*	*	*	27,908	*
Estie	29,793	2,481	*	*	*	*	25,133	819
Dera	10,886	*	*	*	*	*	9,555	*
North Wollo Zone	197,124	15,729	11,354	1,486	2,640	*	163,742	1,962
Bugna	37,068	2,445	2,927	*	*	*	30,620	*
Kobo	28,983	1,075	1,484	*	*	*	25,768	*
Gidan	18,990	2,200	964	*	325	*	14,996	*
Meket	27,103	2,732	1,910	*	*	*	21,717	*
Wadla	10,589	1,399	463	*	*	*	8,380	*
Dawuntna Delanta	29,466	4,933	1,050	*	*	*	22,408	*
Guba Lafto	25,063	407	1,903	*	*	*	22,396	*
Habru	19,862	538	*	*	*	*	17,458	589
South Wollo Zone	332,085	28,628	24,883	8,534	1,917	614	262,808	4,702
Mekdela	22,641	*	2,015	1,762	412	*	14,525	277
Tenta	27,703	2,335	3,104	511	*	*	20,769	641
Kutaber	22,033	2,467	2,102	*	*	*	16,994	256
Ambasel	27,307	3,392	1,354	*	*	*	22,382	*
Tehuledere	8,995	822	*	*	*	*	7,463	304
Werebabu	11,004	614	492	*	*	*	9,151	317
Kalu	31,018	1,892	3,524	520	210	*	24,394	*
Dessie Zuria	45,867	1,527	3,054	*	*	*	39,637	1,170
Legambo	8,429	898	376	717	*	*	6,221	217
Sayint	54,401	4,667	4,455	2,307	*	*	42,727	*
Debresina	17,197	2,546	656	*	*	*	13,630	*
Kelala	22,460	1,812	1,925	460	*	*	17,678	*
Jama	8,326	284	769	*	*	*	6,461	*
Were Ilu	10,226	*	275	*	*	*	8,874	206
Wegde	14,478	1,424	533	*	238	*	11,901	*
North Shewa Zone	245,694	50,732	15,603	3,769	2,854	848	170,939	948
Middana Weremo	8,321	1,055	225	278	*	*	6,720	*
Merhabete	12,427	2,356	576	*	*	*	8,970	*
Insarona Wayu	9,147	1,792	227	*	*	*	6,928	*
Moretna Jiru	9,913	2,121	485	136	*	*	6,996	*
Gera Keya	18,759	2,870	1,746	393	255	*	13,389	*
Geshe	13,035	1,609	1,066	634	*	*	9,527	*
Antsokiya Gemza	7,423	531	358	133	*	*	6,323	*
Efratana Gidim	10,150	2,236	269	*	263	*	7,263	*
Lalo Midir	14,615	4,083	1,030	*	*	*	9,169	*
Mojana Wedera	9,657	2,022	679	*	*	*	6,620	88
Tarmaber	17,348	3,464	1,410	516	*	*	11,485	206
Kewet	14,255	2,924	299	266	*	*	10,631	*

TABLE 7-9-b -(Cont'd)

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
		MALES			FEMALES			
	Total	Meat	Breeding	Other	Meat	Milk	Breeding	Other
Asasirt	12,771	3,334	746	206	389		7,874	158
Angolelana Tera	3,604	605					2,474	
Ankober	20,385	5,254	1,156		148		13,457	
Hagere Mariam	13,004	3,704	375	264	86		8,481	
Berehet	7,352	1,581	572		40		5,111	
Mimjarna Shenkora	23,377	3,758	2,786		239		16,247	
Basona Werana	20,152	5,433	1,216				13,276	
East Gojam Zone	106,546	9,686	5,157	966	1,179	399	88,793	367
Bibugn	5,807	758					4,533	
Hulet Ej Enesie	16,783	2,118					13,830	
Goncha Siso Enesie	9,273	1,259	246				7,547	
Enebse Sar Midir	16,792	1,641	860				13,770	
Enarj Enawga	13,054	775					11,075	
Enemay	5,169	333					4,450	
Debay Telatgen	2,564						2,341	
Machakel	4,022						3,665	
Gozamin	5,142						4,657	
Baso Liben	10,740	710	390				9,449	
Awabel	5,559	410					4,440	
Dejen	5,854	668	588		187		4,250	
Shebel Berenta	5,788	622	229				4,786	
West Gojam Zone	78,950	6,573	3,144	1,070	1,169		66,147	553
Achefer	19,920	930					16,090	
Bahirdar Zuria	10,145	1,003	285				8,741	
Yilmana Densa	18,835	2,423					15,741	
Merawi	6,807						6,155	
Sekela	6,649	543					5,756	
Kuarit	3,313						2,847	
Dega Damot	6,674						5,329	
Dembecha	1,709						1,538	
Jabi Tehnan	2,777	448					2,237	
Bure Wemberma	2,122						1,713	
Wag Hamra Zone	241,870		23,628	1,122	3,414		99,249	818
Zikuala			13,358	137	3,125		38,133	
Sekota	62,621	3,940					41,911	
Dehana	24,279	1,791	2,344				19,204	
Awi Zone	40,074	3,417	1,196		718		34,446	
Dangela	8,080	1,052					6,752	
Banja	2,540	272					2,166	
Ankasha	8,225	864					7,047	
Guangua	13,570	768	603				11,517	
Faggeta Lekoma	7,659	460					6,963	
Oromia Zone	47,823	2,493	2,146	779	258	651	41,229	268
Chefegolana Dawerahimedo	16,804	988	585				15,105	
Bati	14,019	769	528	494			11,949	
Jile Tumuga	9,502	317	486			525	7,865	
Artuma Fursi	7,497	419	546	157			6,310	

c) Urban Holdings

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
	Total	MALES			FEMALES			
		Meat	Breeding	Other	Meat	Milk	Breeding	Other
Amhara Region	7,335	691	376	55	210	49	5,894	62
North Gonder Zone	1,904	55	95	*	*	*	1,611	*
Addi Arkay	293	*	*	*	*	*	263	*
Beyeda	*	*	*	*	*	*	*	*
Janamora	*	*	*	*	*	*	*	*
Debark	31	*	*	*	*	*	30	*
Dabat	31	*	*	*	*	*	27	*
Sanja	276	*	*	*	*	*	161	*
Lay Armacheho	20	*	*	*	*	*	13	*
Wegera	40	*	*	*	*	*	26	*
Gonder Zuria	109	*	*	*	*	*	87	*
Dembia	190	*	*	*	*	*	156	*
Chilga	34	*	*	*	*	*	28	*
Metema	533	*	22	*	*	*	507	*
Quara	31	*	7	*	*	*	24	*
Alefa	58	*	*	*	*	*	40	*
Belesa	47	*	*	*	*	*	44	*
Gonder	193	*	*	*	*	*	188	*
South Gonder Zone	473	38	*	*	*	*	410	*
Ebenat	17	*	*	*	*	*	15	*
Kemekem	115	*	*	*	*	*	100	*
Fogera	33	*	*	*	*	*	25	*
Farta	*	*	*	*	*	*	*	*
Lay Gayint	71	*	*	*	*	*	55	*
Tach Gayint	*	*	*	*	*	*	*	*
Simada	39	*	*	*	*	*	36	*
Estie	64	*	*	*	*	*	59	*
Dera	68	*	*	*	*	*	67	*
Debre Tabor	46	*	*	*	*	*	46	*
North Wollo Zone	483	24	30	*	*	*	406	*
Bugna	109	*	*	*	*	*	94	*
Kobo	163	*	*	*	*	*	143	*
Gidan	*	*	*	*	*	*	*	*
Meket	16	*	*	*	*	*	*	*
Wadla	*	*	*	*	*	*	*	*
Dawuntna Delanta	*	*	*	*	*	*	*	*
Habru	104	*	*	*	*	*	82	*
Weldia	*	*	*	*	*	*	*	*
South Wollo Zone	968	144	49	*	*	*	749	8
Mekdela	24	*	*	*	*	*	19	*
Tenta	*	*	*	*	*	*	*	*
Kutaber	55	*	*	*	*	*	50	*
Ambasel	118	9	*	*	*	*	98	*
Tehuledere	178	55	*	*	*	*	121	*
Werebabu	125	28	*	*	*	*	91	*
Kalu	*	*	*	*	*	*	*	*
Dessie Zuria	45	*	*	*	*	*	*	*
Legambo	*	*	*	*	*	*	*	*
Sayint	*	*	*	*	*	*	*	*
Debresina	*	*	*	*	*	*	*	*
Kelala	*	*	*	*	*	*	*	*
Jama	*	*	*	*	*	*	*	*
Were Ilu	41	*	*	*	*	*	32	*
Wegde	*	*	*	*	*	*	*	*
Kombolcha	103	*	*	*	*	*	95	*
Dessie	115	*	*	*	*	*	87	*
North Shewa Zone	1,380	258	99	*	40	*	978	*
Middana Weremo	*	*	*	*	*	*	*	*
Merhabete	*	*	*	*	*	*	*	*
Insarona Wayu	157	28	*	*	*	*	103	*
Moretna Jiru	14	*	*	*	*	*	*	*
Gera Keya	*	*	*	*	*	*	*	*
Geshe	*	*	*	*	*	*	*	*
Antsokiya Gemza	46	*	*	*	*	*	25	*
Efratana Gidim	226	*	25	*	*	*	193	*

TABLE 7-9-c -(Cont'd)

Geographic Area	GOATS AGED 2 YEARS AND OLDER							
		MALES			FEMALES			
	Total	Meat	Breeding	Other	Meat	Milk	Breeding	Other
Lalo Midir	-	-	-	-	-	-	-	-
Mojana Wedera	27	-	-	-	-	-	-	-
Tarmaber	48	-	-	-	-	-	-	-
Kewet	447	88	-	-	-	-	31	-
Asagirt	-	-	-	-	10	-	339	-
Angolelana Tera	-	-	-	-	-	-	-	-
Ankober	128	36	-	-	-	-	77	-
Hagere Mariam	-	-	-	-	-	-	-	-
Berehet	48	-	-	-	-	-	27	-
Minjarna Shenkora	69	-	-	-	-	-	58	-
Debre Berhane	54	-	-	-	-	-	30	-
East Gojam Zone	326	70	-	-	10	-	240	-
Bibugn	-	-	-	-	-	-	-	-
Hulet Ej Enesie	55	17	-	-	-	-	37	-
Goncha Siso Enesie	-	-	-	-	-	-	-	-
Enebse Sar Midir	22	-	-	-	-	-	17	-
Enarj Enawga	16	-	-	-	-	-	15	-
Enemay	52	11	-	-	-	-	38	-
Debay Telatgen	-	-	-	-	-	-	-	-
Machakel	36	-	-	-	-	-	29	-
Gozamin	-	-	-	-	-	-	-	-
Baso Liben	-	-	-	-	-	-	-	-
Awabel	46	-	-	-	-	-	34	-
Dejen	-	-	-	-	-	-	-	-
Shebel Berenta	44	-	-	-	-	-	24	-
Debre Markos	-	-	-	-	-	-	-	-
West Gojam Zone	597	51	18	-	-	-	498	-
Achefer	162	-	-	-	-	-	132	-
Bahirdar Zuria	28	-	-	-	-	-	20	-
Yilmana Densa	-	-	-	-	-	-	-	-
Merawi	89	-	-	-	-	-	86	-
Sekela	-	-	-	-	-	-	-	-
Kuarit	-	-	-	-	-	-	-	-
Dega Damot	-	-	-	-	-	-	-	-
Dembecha	78	15	-	-	-	-	55	-
Jabi Tehnan	157	-	-	-	-	-	135	-
Bure Wemberma	60	-	-	-	-	-	50	-
Wag Hamra Zone	584	18	61	-	-	14	485	-
Zikuala	114	-	24	-	-	14	76	-
Sekota	284	-	17	-	-	-	255	-
Dehana	186	-	20	-	-	-	154	-
Awi Zone	200	16	-	-	-	-	172	-
Dangela	-	-	-	-	-	-	-	-
Banja	12	-	-	-	-	-	-	-
Ankasha	11	-	-	-	-	-	-	-
Guangua	133	-	-	-	-	-	122	-
Faggeta Lekoma	-	-	-	-	-	-	-	-
Oromia Zone	257	12	8	-	-	-	191	-
Chefegolana Dawerahimedo	126	-	-	-	-	-	82	-
Bati	61	6	6	-	-	-	48	-
Jile Tumuga	38	-	-	-	-	-	34	-
Artuma Fursi	32	-	-	-	-	-	27	-
Bahirdar Special Zone	161	-	-	-	-	-	152	-
Bahirdar	161	-	-	-	-	-	152	-

TABLE 7-10: HORSES AGED 3 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND WEREDA
a) Both Rural and Urban Holdings

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	232,353	40,370	57,342	1,768	29,580	54,330	48,962
North Gonder Zone	27,244	3,632	9,558	285	2,821	5,173	5,775
Addi Arkay	*	*	*	*	-	*	*
Beyeda	1,886	570	177	-	154	*	654
Janamora	3,742	519	1,284	*	426	*	847
Debark	7,953	138	4,410	*	*	1,889	1,349
Dabat	3,393	313	1,347	*	*	733	822
Sanja	*	*	-	-	-	-	-
Lay Armacheho	462	223	-	-	239	-	-
Wegera	7,498	1,290	2,024	*	969	1,327	1,830
Gonder Zuria	1,086	274	-	*	690	*	*
Dembia	*	*	-	-	*	-	-
Chilga	8	8	-	-	-	-	-
Metema	*	*	-	*	-	-	-
Quara	-	-	-	-	-	-	-
Alefa	*	*	-	-	-	-	-
Belesa	*	*	-	-	-	-	-
Gonder	63	61	-	-	*	-	-
South Gonder Zone	18,912	3,544	5,898	*	2,040	1,450	5,841
Ebenat	545	-	-	-	545	-	-
Kemekem	1,120	*	-	-	514	-	559
Fogera	*	*	-	-	-	-	-
Farta	5,583	*	3,817	-	*	1,073	*
Lay Gayint	4,160	589	1,674	*	*	312	1,386
Tach Gayint	*	*	-	*	*	-	-
Simada	1,025	755	-	-	*	-	*
Estie	5,842	1,808	*	-	*	*	2,910
Dera	*	*	-	-	-	-	*
Debre Tabor	26	15	*	5	-	*	*
North Wollo Zone	21,008	2,776	3,205	*	790	10,788	3,404
Bugna	*	-	-	-	*	-	-
Kobo	*	*	-	-	-	-	-
Gidan	*	-	*	-	-	*	*
Meket	7,957	1,694	*	-	*	4,197	1,269
Wadla	8,058	911	1,518	*	*	3,789	1,515
Dawuntna Delanta	2,464	*	786	-	*	984	*
Guba Lafto	*	-	*	-	*	*	*
Habru	*	*	-	*	*	-	-
Weldia	*	*	-	-	-	-	-
South Wollo Zone	36,498	7,597	1,287	629	8,805	5,653	12,527
Mekdela	1,194	363	-	-	792	-	*
Tenta	5,814	718	319	*	599	1,829	2,305
Kutaber	2,460	533	-	-	412	-	1,515
Ambasel	*	*	-	-	*	*	*
Tehuledere	*	*	-	-	*	-	-
Werebabu	*	-	-	-	-	-	-
Kalu	255	*	-	-	-	-	-
Dessie Zuria	6,872	2,531	*	*	906	*	*
Legambo	5,522	453	561	-	732	2,581	1,196
Sayint	1,134	478	-	-	327	-	*
Debresina	2,539	556	*	*	*	-	1,577
Kelala	1,447	271	-	-	465	*	597
Jama	3,220	606	-	-	2,485	*	*
Were Ilu	4,154	*	*	-	1,645	*	1,622
Wegde	249	-	-	-	*	*	*
Kombolcha	46	-	-	42	-	-	-
Dessie	*	*	-	-	-	-	*
North Shewa Zone	24,123	4,867	2,992	*	9,740	2,912	3,577
Middana Weremo	*	*	-	-	*	-	*
Merhabete	*	-	-	-	-	*	-
Insarona Wayu	2,394	557	641	-	786	*	386
Moretna Jiru	1,675	*	1,586	-	-	*	-
Gera Keva	2,576	560	398	*	507	652	423
Geshe	184	*	-	-	76	*	*
Antsokiya Gemza	274	*	*	-	*	*	-
Efratana Gidim	706	*	*	-	-	468	*

TABLE 7-10-a –(Cont'd)

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	Total	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Lalo Midir	1,222	273					
Mojana Wedera	1,024	187			133		105
Tarmaber	710				86		
Kewet							
Asagirt	1,467	108			794		546
Angolelana Tera	5,317	938			3,238		1,141
Ankober							
Hagere Mariam	955	168			688		86
Berehet							
Minjarna Shenkora	923	897					
Debre Berhane	158	147					
Basona Werana	4,283				2,669		
East Gojam Zone	38,305	12,965	5,717	408	4,476	4,105	10,633
Bibugn	4,110	511	402		274	433	2,469
Hulet Ej Enesie	5,682	2,139			1,084		1,937
Goncha Siso Enesie	817	315					
Enebse Sar Midir							
Enarj Enawga	1,168	512					
Enemay	863	292			221		313
Debay Telatgen	5,809	2,509	726		728	619	1,196
Machakel	3,854	2,445					726
Gozamin	11,024	2,863	3,478		751	2,329	1,483
Baso Liben	151						
Awabel	4,342	1,121			606		1,840
Dejen							
Shebel Berenta							
Debre Markos	143	143					
West Gojam Zone	15,909	1,947	4,956		638	4,886	3,417
Achefer	469	469					
Bahirdar Zuria							
Yilmana Densa	536	484					
Merawi							
Sekela	7,372	435	3,385		206	2,861	
Kuarit							
Dega Damot	5,101	302	549		309	1,647	2,294
Dembecha	525						433
Jabi Tehnan							
Bure Wemberma							
Wag Hamra Zone							
Zikuala							
Sekota							
Dehana							
Awi Zone	50,086	2,923	23,730		127	19,363	3,787
Dangela							
Banja	27,401	1,203	11,662			12,392	1,950
Ankasha	10,524	805	6,945			1,795	
Guangua							
Faggeta Lekoma	11,780	534	5,123			5,176	859
Oromia Zone							
Chefegolana Dawerahimedo							
Bati							
Jile Tumuga							
Artuma Fursi							
Bahirdar Special Zone							
Bahirdar							

b) Rural Holdings

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	230,366	39,349	56,922	1,683	29,451	54,202	48,759
North Gonder Zone	26,799	3,466	9,404	275	2,800	5,134	5,720
Addi Arkay	*	*	*	*	*	*	*
Beyeda	1,886	570	177	*	154	*	654
Janamora	3,736	517	1,284	*	426	*	844
Debark	7,794	*	4,347	*	*	1,866	1,328
Dabat	3,292	301	1,292	*	*	722	804
Sanja	*	*	*	*	*	*	*
Lay Armacheho	462	223	*	*	239	*	*
Wegera	7,408	1,264	1,988	*	958	1,324	1,817
Gonder Zuria	1,079	273	*	*	690	*	*
Dembia	*	*	*	*	*	*	*
Chilga	*	*	*	*	*	*	*
Metema	*	*	*	*	*	*	*
Quara	*	*	*	*	*	*	*
Alefa	*	*	*	*	*	*	*
Belesa	*	*	*	*	*	*	*
South Gonder Zone	18,603	3,392	5,818	*	2,038	1,418	5,805
Ebenat	545	*	*	*	545	*	*
Kemekem	1,114	*	*	*	514	*	558
Fogera	*	*	*	*	*	*	*
Farta	5,532	*	3,789	*	*	1,065	*
Lay Gayint	4,005	537	1,625	*	*	*	1,357
Tach Gayint	*	*	*	*	*	*	*
Simada	1,025	755	*	*	*	*	*
Estie	5,777	1,750	*	*	*	*	2,907
Dera	*	*	*	*	*	*	*
North Wollo Zone	20,929	2,725	3,197	*	779	10,780	3,404
Bugna	*	*	*	*	*	*	*
Kobo	*	*	*	*	*	*	*
Gidan	*	*	*	*	*	*	*
Meket	7,945	1,682	*	*	*	4,197	1,269
Wadla	8,017	897	1,510	*	*	3,782	1,515
Dawuntna Delanta	2,462	*	786	*	*	984	*
Guba Lafto	*	*	*	*	*	*	*
Habru	*	*	*	*	*	*	*
South Wollo Zone	36,318	7,533	1,283	577	8,775	5,653	12,497
Mekdela	1,194	363	*	*	792	*	*
Tenta	5,802	718	319	*	599	1,829	2,292
Kutaber	2,457	530	*	*	412	*	1,515
Ambasel	*	*	*	*	*	*	*
Tehuledere	*	*	*	*	*	*	*
Werebabu	*	*	*	*	*	*	*
Kalu	234	*	*	*	*	*	*
Dessie Zuria	6,863	2,524	*	*	904	*	*
Legambo	5,518	453	556	*	732	2,581	1,196
Sayint	1,130	474	*	*	327	*	*
Debresina	2,534	551	*	*	*	*	1,577
Kelala	1,421	266	*	*	458	*	584
Jama	3,207	602	*	*	2,477	*	*
Were Ilu	4,138	*	*	*	1,633	*	1,622
Wegde	247	*	*	*	*	*	*
North Shewa Zone	23,788	4,662	2,945	*	9,695	2,895	3,554
Middana Weremo	*	*	*	*	*	*	*
Merhabete	*	*	*	*	*	*	*
Insarona Wayu	2,383	553	638	*	781	*	386
Moretna Jiru	1,627	*	1,543	*	*	*	*
Gera Keya	2,568	556	398	*	507	650	421
Geshe	184	*	*	*	76	*	*
Antsokiya Gemza	274	*	*	*	*	*	*
Efratana Gidim	704	*	*	*	*	468	*
Lalo Midir	1,214	271	*	*	*	*	*
Mojana Wedera	1,024	187	*	*	133	*	105
Tarmaber	683	*	*	*	70	*	*
Kewet	*	*	*	*	*	*	*
Asagirt	1,448	105	*	*	790	*	541

TABLE 7-10-b –(Cont'd)

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Angolelana Tera	5,271	912			3,224		1,135
Ankober							
Hagere Mariam	955	168			688		86
Berehet							
Minjarma Shenkora	923	897					
Basona Werana	4,283				2,669		
East Gojam Zone	38,036	12,729	5,714	406	4,464	4,105	10,618
Bibugn	4,108	509	402		274	433	2,469
Hulet Ej Enesie	5,662	2,122			1,081		1,937
Goncha Siso Enesie	799	309					
Enebse Sar Midir							
Enarj Enawga	1,168	512					
Enemay	853	282			221		313
Debay Telatgen	5,787	2,492	726		728	619	1,191
Machakel	3,839	2,436					722
Gozamin	11,007	2,850	3,475		751	2,329	1,481
Baso Liben	141						
Awabel	4,331	1,111			606		1,840
Dejen							
Shebel Berenta							
West Gojam Zone	15,860	1,925	4,956		633	4,886	3,395
Achefer	465	465					
Bahirdar Zuria							
Yilmana Densa	536	484					
Merawi							
Sekela	7,351	424	3,385		206	2,861	
Kuarit							
Dega Damot	5,088	301	549		309	1,647	2,283
Dembecha	523						433
Jabi Tehnan							
Bure Wemberma							
Wag Hamra Zone							
Zikuala							
Sekota							
Dehana							
Awi Zone	49,780	2,806	23,604		125	19,331	3,766
Dangela	27,229	1,141	11,606			12,364	1,933
Banja	10,438	785	6,882			1,795	
Ankasha	11,732	500	5,116			5,172	856
Guangua							
Faggeta Lekoma							
Oromia Zone							
Chefegolana Dawerahimedo							
Bati							
Jile Tumuga							
Artuma Fursi							

c) Urban Holdings

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	1,988	1,021	420	85	129	128	204
North Gonder Zone	445	166	153		21	40	55
Addi Arkay							
Beyeda							
Janamora	7						
Debark	159	46	63				
Dabat	102		55			23	21
Sanja						11	19
Lay Armacheho							
Wegera	90	26	36		11		13
Gonder Zuria							
Dembia							
Chilga	8	8					
Metema							
Quara							
Alefa							
Belesa							
Gonder	63	61					
South Gonder Zone	309	152	80	5		32	36
Ebenat							
Kemekem							
Fogera							
Farta	51	15	28				
Lay Gayint	155	53	50				29
Tach Gayint							
Simada							
Estie	64	58					
Dera							
Debre Tabor	26	15					
North Wollo Zone	79	50		5			
Bugna							
Kobo							
Gidan							
Meket	12	12					
Wadla	41						
Dawuntna Delanta							
Habru	15						
Weldia							
South Wollo Zone	180	64		52	30		30
Mekdela							
Tenta							
Kutaber							
Ambasel							
Tehuledere							
Werebabu							
Kalu							
Dessie Zuria							
Legambo							
Sayint							
Debresina							
Kelala							
Jama	26						
Were Ilu	13						12
Wegde	16				12		
Kombolcha							
Dessie	46			42			
North Shewa Zone	335	204	47		45	16	23
Middana Weremo							
Merhabete							
Insarona Wayu	11						
Moretna Jiru	48		44				
Gera Keya							
Geshe							
Antsokiya Gemza							
Efratana Gidim							
Lalo Midir							

TABLE 7-10-c –(Cont'd)

Geographic Area	HORSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Mojana Wedera							
Tarmaber							
Kewet	27						
Asagirt							
Angolelana Tera	18						
Ankober	46	26				14	
Hagere Mariam							
Berehet							
Minjarna Shenkora							
Debre Berhane							
East Gojam Zone	158	147					
Bibugn	269	236				12	
Hulet Ej Enesie							16
Goncha Siso Enesie	20	18					
Enebse Sar Midir	18						
Enarj Enawga							
Enemay							
Debay Telatgen							
Machakel	22	17					
Gozamin	15						
Baso Liben	18	13					
Awabel							
Dejen	11	11					
Shebel Berenta							
Debre Markos							
West Gojam Zone	143	143					
Achefer	49	22					
Bahirdar Zuria							22
Yilmana Densa							
Merawi							
Sekela							
Kuarit	21	11					
Dega Damot							
Dembecha	13						
Jabi Tehnan							12
Bure Wemberma							
Wag Hamra Zone							
Zikuala							
Sekota							
Dehana							
Awi Zone							
Dangela	306	117	125			32	21
Banja							
Ankasha	171	62	56			28	17
Guangua	86	20	63				
Faggeta Lekoma							
Oromia Zone	47	34					
Chefegolana Dawerahimedo	14						
Bati							
Jile Tumuga							
Artuma Fursi							
Bahirdar Special Zone							
Bahirdar							

TABLE 7-11: ASSES AGED 3 YEARS AND OLDER BY SEX, 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
Amhara Region	1,025,639	304,600	76,805	11,408	447,055	150,029	35,743
North Gonder Zone	162,909	66,375	6,026	2,101	77,769	6,656	3,982
Addi Arkay	8,058	3,848	204	*	3,265	*	*
Beyeda	8,688	3,341	*	*	4,869	*	130
Janamora	12,855	3,998	683	209	6,474	734	757
Debark	7,168	2,303	*	*	3,507	671	468
Dabat	6,980	1,986	*	*	3,715	*	680
Sanja	13,141	11,247	*	*	259	*	*
Lay Armacheho	9,032	3,488	*	*	5,130	*	*
Wegera	14,114	3,299	254	*	8,790	1,252	464
Gonder Zuria	18,175	5,505	*	*	11,386	418	*
Dembia	7,993	826	*	*	7,127	*	*
Chilga	14,156	8,175	*	*	5,272	*	*
Metema	6,502	5,731	253	303	*	*	*
Quara	5,031	3,041	1,338	*	*	*	*
Alefa	12,004	3,846	643	*	5,669	1,581	*
Belesa	18,799	5,686	281	*	11,856	*	*
Gonder	214	55	5	*	141	14	*
South Gonder Zone	113,680	19,546	7,466	1,232	57,408	23,538	4,491
Ebenat	15,029	3,367	*	*	9,067	1,823	*
Kemekem	11,292	1,336	*	*	7,743	2,165	*
Fogera	8,778	662	*	*	7,901	*	*
Farta	13,587	1,443	1,610	*	4,424	6,038	*
Lay Gayint	13,765	3,705	*	549	5,792	1,245	1,842
Tach Gayint	8,971	1,216	1,524	*	2,485	3,543	176
Simada	15,436	2,544	1,748	*	5,928	4,033	944
Estie	18,821	4,138	1,203	*	8,846	3,443	*
Dera	7,946	1,095	*	*	5,217	1,246	*
Debre Tabor	56	39	*	*	*	*	*
North Wollo Zone	92,953	20,867	7,623	508	34,868	22,103	6,984
Bugna	17,080	673	2,488	*	1,214	12,294	*
Kobo	14,286	3,765	1,238	*	6,329	2,780	*
Gidan	11,551	1,659	1,354	*	4,149	2,171	2,097
Meket	12,559	4,217	*	*	7,883	*	*
Wadla	5,443	1,335	*	*	2,830	*	672
Dawuntna Delanta	14,221	5,412	350	*	4,739	969	2,697
Guba Lafto	10,198	1,378	1,866	*	3,092	3,187	517
Habru	7,597	2,421	*	*	4,626	199	*
Weldia	*	*	*	*	*	*	*
South Wollo Zone	174,801	50,432	15,458	1,725	68,185	32,829	6,172
Mekdela	14,741	6,958	*	*	7,606	*	*
Tenta	13,743	4,634	*	280	7,713	*	967
Kutaber	8,777	1,397	1,664	*	1,336	3,647	707
Ambasel	9,976	1,993	1,416	*	3,843	2,192	432
Tehuledere	4,083	1,834	434	67	855	891	*
Werebabu	4,655	843	*	*	2,429	710	*
Kalu	9,597	3,546	*	*	5,592	*	*
Dessie Zuria	21,632	9,399	*	*	9,874	*	338
Legambo	12,693	4,165	1,744	*	3,508	2,550	614
Sayint	15,772	5,557	*	*	8,027	*	*
Debresina	9,638	2,846	537	*	2,919	2,412	799
Kelala	14,678	1,573	1,901	*	4,248	6,713	244
Jama	11,789	1,458	2,425	*	3,049	4,480	*
Were Ilu	14,867	1,692	2,154	*	5,320	5,114	522
Wegde	7,984	2,410	1,417	*	1,846	1,943	328
Kombolcha	12	*	*	*	*	*	*
Dessie	162	127	*	*	21	*	*
North Shewa Zone	171,892	64,365	12,777	407	70,124	22,071	2,148
Middana Weremo	5,824	1,563	466	*	2,954	841	*
Merhabete	11,513	7,105	*	*	2,916	439	*
Insarona Wayu	11,769	3,686	2,255	*	1,927	3,815	*
Moretna Jiru	10,794	2,822	2,831	*	980	4,079	*
Gera Keya	14,080	3,067	942	*	6,366	2,639	1,067

TABLE 7-11-a –(Cont'd)

Geographic Area	ASSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Gesha	5,718	1,175	534	-	2,835	1,158	-
Antsokiya Gemza	5,823	2,889	446	-	2,468	-	-
Efratana Gidim	6,391	2,916	206	-	2,464	-	-
Lalo Midir	10,151	1,930	812	-	4,735	2,618	-
Mojana Wedera	6,012	905	701	-	3,411	869	-
Tarmaber	6,120	2,221	-	-	3,765	-	-
Kewet	8,698	4,737	-	-	3,885	-	-
Asagirt	4,981	2,383	-	56	2,318	-	58
Angoleiana Tera	9,097	2,994	259	-	4,171	1,598	-
Ankober	5,409	1,729	-	-	3,567	-	-
Hagere Mariam	7,514	3,287	537	-	2,613	1,064	-
Berehet	4,192	1,891	32	-	2,210	59	-
Minjarna Shenkora	19,820	9,995	1,162	-	6,497	1,889	-
Debre Berhane	158	-	-	-	62	-	-
Basona Werana	17,827	7,026	-	-	9,979	-	-
East Gojam Zone	124,621	38,373	5,512	1,593	61,211	12,368	5,563
Bibugn	2,874	905	-	-	1,719	-	-
Hulet Ej Enesie	12,389	3,432	-	-	8,675	-	-
Goncha Siso Enesie	9,004	2,382	939	-	3,744	1,696	171
Enebse Sar Midir	9,231	2,040	776	-	4,134	1,152	609
Enarj Enawga	13,226	5,524	-	-	6,976	-	-
Enemay	11,397	3,175	-	-	7,697	-	-
Debay Telatgen	9,965	1,770	1,550	-	2,333	3,551	761
Machakel	9,043	3,972	-	-	3,137	1,481	-
Gozamin	11,094	3,313	-	-	3,986	-	1,223
Baso Liben	8,417	3,625	748	-	2,334	1,347	-
Awabel	13,175	3,511	243	-	8,192	-	531
Dejen	8,047	2,972	-	-	4,099	-	499
Shebel Berenta	6,733	1,746	-	-	4,164	-	138
Debre Markos	27	-	-	-	-	-	-
West Gojam Zone	104,924	21,523	14,930	2,088	40,330	22,650	3,404
Achefer	16,823	3,122	-	-	10,960	-	696
Bahirdar Zuria	12,550	3,959	-	-	7,149	-	226
Yilmana Densa	16,374	4,457	2,846	-	3,768	4,945	-
Merawi	15,838	3,416	2,297	-	6,021	3,112	-
Sekela	5,738	1,290	-	-	4,257	-	-
Kuarit	7,410	1,860	899	-	3,002	1,445	178
Dega Damot	5,430	-	1,777	-	-	2,798	-
Dembecha	6,331	85	3,065	34	-	2,708	-
Jabi Tehnan	6,655	-	-	-	2,338	1,748	724
Bure Wemberma	11,775	2,129	2,385	-	2,073	4,074	-
Wag Hamra Zone	32,886	11,039	3,463	1,009	14,575	1,584	1,215
Zikuala	10,472	5,330	1,285	-	3,068	403	-
Sekota	12,469	4,210	2,105	-	5,093	945	-
Dehana	9,945	1,500	-	799	6,414	-	922
Awi Zone	26,311	5,852	3,385	730	8,617	6,105	1,622
Dangela	8,992	3,534	555	-	3,482	1,163	-
Banja	1,054	438	-	-	367	-	-
Ankasha	3,867	513	-	-	2,224	-	-
Guangua	9,336	1,309	2,247	452	2,303	2,827	-
Faggeta Lekoma	3,063	-	401	-	241	1,707	-
Oromia Zone	20,486	6,183	-	-	13,930	-	162
Chefegolana Dawcrahimedo	6,840	1,651	-	-	4,993	-	-
Bati	2,779	582	-	-	2,175	-	-
Jile Tumuga	6,919	2,982	-	-	3,839	-	-
Artuma Fursi	3,947	967	-	-	2,923	-	-
Bahirdar Special Zone	176	46	-	-	38	-	-
Bahirdar	176	46	-	-	38	-	-

b) Rural Holdings

Geographic Area	ASSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	1,016,285	299,973	75,467	10,885	445,013	149,383	35,563
North Gonder Zone	160,690	65,179	5,509	2,000	77,431	6,607	3,964
Addi Arkay	8,008	3,825	199	-	3,245	-	-
Beyeda	8,630	3,304	-	-	4,850	-	130
Janamora	12,802	3,967	671	209	6,473	729	754
Debark	7,154	2,298	-	-	3,501	671	466
Dabat	6,962	1,984	-	-	3,701	-	678
Sanja	12,525	10,999	-	-	253	-	-
Lay Armacheho	9,026	3,486	-	-	5,127	-	-
Wegera	14,058	3,282	254	-	8,754	1,250	464
Gonder Zuria	18,119	5,469	-	-	11,384	414	-
Dembia	7,940	808	-	-	7,093	-	-
Chilga	14,138	8,161	-	-	5,271	-	-
Metema	5,690	5,129	85	264	-	-	-
Quara	5,028	3,037	1,338	-	-	-	-
Alefa	11,913	3,822	634	-	5,640	1,560	-
Belesa	18,696	5,608	277	-	11,835	-	-
South Gonder Zone	112,937	19,186	7,437	1,193	57,173	23,477	4,471
Ebenat	15,019	3,359	-	-	9,066	1,823	-
Kemekem	11,179	1,265	-	-	7,709	2,163	-
Fogera	8,725	638	-	-	7,871	-	-
Farta	13,552	1,420	1,608	-	4,419	6,034	-
Lay Gayint	13,638	3,669	-	549	5,724	1,232	1,838
Tach Gayint	8,957	1,216	1,522	-	2,485	3,533	174
Simada	15,337	2,482	1,748	-	5,904	4,026	937
Estie	18,671	4,078	1,188	-	8,824	3,420	-
Dera	7,860	1,059	-	-	5,171	1,246	-
North Wollo Zone	92,270	20,528	7,541	453	34,723	22,043	6,982
Bugna	17,018	656	2,469	-	1,205	12,278	-
Kobo	13,954	3,592	1,193	-	6,281	2,745	-
Gidan	11,480	1,634	1,348	-	4,118	2,162	2,097
Meket	12,513	4,183	-	-	7,871	-	-
Wadla	5,406	1,321	-	-	2,815	-	672
Dawuntna Delanta	14,175	5,382	350	-	4,722	969	2,697
Guba Lafto	10,198	1,378	1,866	-	3,092	3,187	517
Habru	7,527	2,384	-	-	4,620	199	-
South Wollo Zone	173,229	49,670	15,311	1,612	67,868	32,671	6,096
Mekdela	14,700	6,923	-	-	7,599	-	-
Tenta	13,503	4,495	-	278	7,648	-	939
Kutaber	8,745	1,383	1,664	-	1,331	3,633	707
Ambasel	9,957	1,980	1,416	-	3,839	2,190	432
Tehuledere	3,948	1,813	407	-	842	886	-
Werebabu	4,501	725	-	-	2,403	705	-
Kalu	9,540	3,510	-	-	5,581	-	-
Dessie Zuria	21,579	9,381	-	-	9,868	-	338
Legambo	12,554	4,106	1,735	-	3,453	2,543	605
Sayint	15,743	5,541	-	-	8,021	-	-
Debresina	9,538	2,787	534	-	2,883	2,410	798
Kelala	14,586	1,549	1,883	-	4,238	6,675	241
Jama	11,697	1,434	2,394	-	3,042	4,450	-
Were Ilu	14,685	1,654	2,134	-	5,276	5,080	505
Wegde	7,952	2,389	1,414	-	1,845	1,943	321
North Shewa Zone	169,677	63,329	12,511	385	69,440	21,878	2,133
Middana Weremo	5,710	1,517	454	-	2,905	833	-
Merhabete	11,397	7,062	-	-	2,887	426	-
Insarona Wayu	11,605	3,639	2,226	-	1,846	3,808	-
Moretna Jiru	10,514	2,780	2,733	-	954	3,965	-
Gera Keya	13,960	3,009	942	-	6,306	2,639	1,064
Geshe	5,693	1,159	529	-	2,831	1,158	-
Antsokiya Gemza	5,600	2,748	398	-	2,435	-	-
Efratana Gidim	6,204	2,787	196	-	2,420	-	-
Lalo Midir	10,045	1,880	812	-	4,687	2,609	-
Mojana Wedera	5,993	895	698	-	3,407	867	-
Tarmaber	6,053	2,208	-	-	3,713	-	-
Kewet	8,564	4,674	-	-	3,842	-	-
Asagirt	4,945	2,362	-	56	2,303	-	58

TABLE 7-11-b –(Cont'd)

Geographic Area	ASSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Angolelana Tera	9,037	2,972	255	-	4,142	1,594	-
Ankober	5,386	1,719	-	-	3,553	-	-
Hagere Mariam	7,465	3,270	535	-	2,586	1,061	-
Berehet	4,148	1,857	32	-	2,199	59	-
Minjarna Shenkora	19,531	9,764	1,162	-	6,445	1,883	-
Basona Werana	17,827	7,026	-	-	9,979	-	-
East Gojam Zone	123,970	37,974	5,489	1,566	61,052	12,356	5,533
Bibugn	2,871	904	-	-	1,716	-	-
Hulet Ej Enesse	12,259	3,362	-	-	8,643	-	-
Goncha Siso Enesse	8,989	2,380	939	-	3,733	1,695	171
Enebse Sar Midir	9,116	1,966	770	-	4,108	1,148	603
Enarj Enawga	13,178	5,498	-	-	6,957	-	-
Enemay	11,278	3,079	-	-	7,681	-	-
Debay Telatgen	9,940	1,757	1,550	-	2,331	3,551	752
Machakel	9,026	3,959	-	-	3,133	1,481	-
Gozamin	11,073	3,300	-	-	3,986	-	1,223
Baso Liben	8,396	3,615	742	-	2,332	1,344	-
Awabel	13,124	3,479	242	-	8,180	-	528
Dejen	8,004	2,935	-	-	4,092	-	499
Shebel Berenta	6,716	1,739	-	-	4,160	-	138
West Gojam Zone	104,428	21,332	14,856	1,966	40,288	22,591	3,394
Achefer	16,755	3,085	-	-	10,958	-	696
Bahirdar Zuria	12,541	3,949	-	-	7,149	-	226
Yilmana Densa	16,335	4,442	2,836	-	3,767	4,941	-
Merawi	15,832	3,416	2,297	-	6,017	3,109	-
Sekela	5,728	1,282	-	-	4,255	-	-
Kuarit	7,373	1,860	892	-	3,002	1,443	176
Dega Damot	5,429	-	1,777	-	-	2,797	-
Dembecha	6,236	-	3,019	-	-	2,698	-
Jabi Tehnan	6,593	-	-	-	2,325	1,741	722
Bure Wemberma	11,607	2,036	2,376	-	2,053	4,069	-
Wag Hamra Zone	32,610	10,928	3,403	968	14,532	1,569	1,210
Zikuala	10,453	5,325	1,278	-	3,068	395	-
Sekota	12,290	4,121	2,056	-	5,083	941	-
Dehana	9,867	1,482	-	782	6,381	-	920
Awi Zone	26,140	5,782	3,314	727	8,606	6,089	1,621
Dangela	8,912	3,501	524	-	3,472	1,160	-
Banja	1,035	419	-	-	367	-	-
Ankasha	3,851	497	-	-	2,224	-	-
Guangua	9,288	1,306	2,207	452	2,301	2,822	-
Faggeta Lekoma	3,055	-	401	-	241	1,700	-
Oromia Zone	20,335	6,064	-	-	13,901	-	158
Chefegolana Dawerahimedo	6,766	1,596	-	-	4,978	-	-
Bati	2,776	581	-	-	2,173	-	-
Jile Tumuga	6,914	2,978	-	-	3,838	-	-
Artuma Fursi	3,879	909	-	-	2,912	-	-

c) Urban Holdings

Geographic Area	ASSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	9,354	4,627	1,338	523	2,041	645	180
North Gonder Zone	2,219	1,196	517	102	338	49	19
Addi Arkay	50	23	*	*	19	*	*
Beyeda	58	36	*	*	19	*	*
Janamora	52	31	12	*	*	*	*
Debark	*	*	*	*	*	*	*
Dabat	18	*	*	*	*	*	*
Sanja	616	248	305	*	*	*	*
Lay Armacheho	6	*	*	*	*	*	*
Wegera	56	16	*	*	37	*	*
Gonder Zuria	56	36	*	*	*	*	*
Dembia	53	19	*	*	34	*	*
Chilga	18	*	*	*	*	*	*
Metema	811	601	168	39	*	*	*
Quara	4	4	*	*	*	*	*
Alefa	91	24	*	*	30	21	*
Belesa	103	78	*	*	21	*	*
Gonder	214	55	5	*	141	14	*
South Gonder Zone	743	360	29	39	235	61	19
Ebenat	10	*	*	*	*	*	*
Kemekem	113	72	*	*	34	*	*
Fogera	52	23	*	*	29	*	*
Farta	34	*	*	*	*	*	*
Lay Gayint	127	36	*	*	68	13	*
Tach Gayint	15	*	*	*	*	10	*
Simada	99	62	*	*	24	*	7
Estie	150	*	*	*	23	*	*
Dera	86	35	*	*	46	*	*
Debre Tabor	56	39	*	*	*	*	*
North Wollo Zone	682	339	82	55	146	60	*
Bugna	62	17	20	*	9	16	*
Kobo	333	173	45	*	47	35	*
Gidan	71	25	*	*	32	*	*
Meket	46	34	*	*	12	*	*
Wadla	37	*	*	*	*	*	*
Dawuntna Delanta	47	29	*	*	17	*	*
Habru	70	*	*	*	*	*	*
Weldia	*	*	*	*	*	*	*
South Wollo Zone	1,572	761	147	114	317	158	76
Mekdela	*	*	*	*	*	*	*
Tenta	240	139	*	*	65	*	28
Kutaber	32	*	*	*	*	*	*
Ambasel	19	*	*	*	*	*	*
Tehuledere	135	21	28	67	13	*	*
Werebabu	153	118	*	*	27	*	*
Kalu	57	36	*	*	*	*	*
Dessie Zuria	53	18	17	*	7	*	*
Legambo	139	59	10	*	54	*	*
Sayint	29	16	*	*	7	*	*
Debresina	100	*	*	*	36	*	*
Kelala	93	24	18	*	10	38	*
Jama	91	24	31	*	*	30	*
Were Ilu	182	39	*	*	44	34	*
Wegde	32	21	*	*	*	*	*
Kombolcha	12	*	*	*	*	*	*
Dessie	162	127	*	*	21	*	*
North Shewa Zone	2,216	1,036	266	*	683	193	15
Middana Weremo	114	47	11	*	48	*	*
Merhabete	116	43	19	*	29	13	12
Insarona Wayu	164	47	*	*	82	*	*
Moretna Jiru	280	42	98	*	25	114	*
Gera Keya	120	58	*	*	60	*	*
Geshe	26	16	*	*	*	*	*
Antsokiya Gemza	223	141	48	*	33	*	*
Efratana Gidim	187	130	*	*	44	*	*

TABLE 7-11-c –(Cont'd)

Geographic Area	ASSES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Lalo Midir	106	56			48	9	
Mojana Wedera	19						
Tarmaber	66	12			52		
Kewet	134	63	20		43		
Asagirt	37	21			16		
Angolelana Tera	60	22			30		
Ankober	23	9			14		
Hagere Mariam	49	16			28		
Berehet	44	34					
Minjarna Shenkora	289	231			52		
Debre Berhane	158				62		
East Gojam Zone	652	399	24		159	12	30
Bibugn							
Hulet Ej Enesie	130	69			32		
Goncha Siso Enesie	15						
Enebse Sar Midir	115	74			27		
Enarj Enawga	48	26			19		
Enemay	119	96			16		7
Debay Telatgen	24						9
Machakel	17	13					
Gozamin	21	13					
Baso Liben	21						
Awabel	50	32			13		
Dejen	43	37					
Shebel Berenta							
Debre Markos	27						
West Gojam Zone	496	190	74	122	41	59	
Achefer	68	37				27	
Bahirdar Zuria							
Yilmana Densa	39						
Merawi							
Sekela							
Kuarit	37						
Dega Damot							
Dembecha							
Jabi Tehnan	95		46	34		10	
Bure Wemberma	62	24		17	13		
Wag Hamra Zone	168	92		35	20		
Zikuala	276	111	60	41	43	15	
Sekota	19	5	7			7	
Dehana	179	89	49	25	10		
Awi Zone	78			17	34		
Dangela	171	70	71			16	
Banja	80	32	31				
Ankasha							
Guangua							
Faggeta Lekoma	49		39				
Oromia Zone							
Chefegolana Dawerahimedo	151	118			29		
Bati	73	55			15		
Jile Tumuga							
Artuma Fursi							
Bahirdar Special Zone	68	58			10		
Bahirdar	176	46			38		
	176	46			38		

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

a) Both Rural and Urban Holdings

Region, Zones, and Weredas	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	84,128	32,676	6,479	675	40,254	2,765	1,278
North Gonder Zone	10,980	5,480	587		4,780		
Addi Arkay	392	*			*		
Beyeda	808	563					
Janamora	977	518	146		210		
Debark	608	264	*		314		
Dabat	486	261			*		
Sanja	881	549			137		
Lay Armacheho	304	*			260		
Wegera	1,113	*			*		
Gonder Zuria	339	219			890		
Dembia	239	*			*		
Chilga	714	579					
Metema	103	90					
Quara	327	149					
Alefa	907	259			178		
Belesa	2,780	1,351			582		
Gonder	*				1,429		
South Gonder Zone	11,442	4,551	2,464		*		
Ebenat	1,285	335			3,667	559	
Kemekem	559	504			950		
Fogera	*	*			*		
Farta	3,667	509	2,071		*		
Lay Gayint	639	286	*		622		
Tach Gayint	412	234			279		
Simada	1,418	694			158		
Estie	2,793	1,637			657		
Dera	387	*			652		
Debre Tabor	45	22			*		
North Wollo Zone	7,620	2,631			12		
Bugna	1,496	305			4,295		
Kobo	611	*			1,191		
Gidan	1,175	505			488		
Meket	1,026	*			437		
Wadla	990	447			499		
Dawuntna Delanta	1,738	512			458		
Guba Lafto	329	*			898		
Habru	*	*			278		
Weldia					*		
South Wollo Zone	22,022	6,526	327		13,864	823	379
Mekdela	1,083	*			884		
Tenta	1,501	474			1,027		
Kutaber	2,681	682			1,500		
Ambasel	1,615	476			754		
Tehuledere	2,058	*			1,331		
Werebabu	248	136			112		
Kalu	491	219			209		
Dessie Zuria	5,651	1,861			3,704		
Legambo	793	*			691		
Sayint	221	*			*		
Debresina	343	296			*		
Kelala	2,449	868			1,517		
Jama	980	169			717		
Were Ilu	1,357	317			953		
Wegde	551	273			238		
Kombolcha	*	*			*		
Dessie							
North Shewa Zone	8,451	4,257	87		3,910	112	
Middana Weremo	474	185			290		
Merhabete	425	*			360		
Insarona Wavu	*	*			*		
Moretna Jiru							
Gera Keya	1,047	317			694		
Geshe	895	432			448		
Antsokiya Gemza	346	193	*	*	118	*	*
Efratana Gidim	415	*			306		

TABLE 7-12-a –(Cont'd)

Region, Zones, and Weredas	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Lalo Midir	544				487		
Mojana Wodera	72						
Tarmaber	161				141		
Kewet	169				168		
Asagirt	282	125			134		
Angolelana Tera	128						
Ankober	360	175			185		
Hagere Mariam	326	184			118		
Berehet	311	201			110		
Minjarna Shenkora	2,258	2,131			103		
Debre Berhane							
Basona Werana	150						
East Gojam Zone	6,580	2,808	600		2,675	284	
Bibugn	328						
Hulet Ej Enesie	1,242	732			510		
Goncha Siso Enesie	336				227		
Enebse Sar Midir	451				286		
Enarj Enawga	298				221		
Enemay							
Debay Telatgen	149						
Machakel	1,332	924			408		
Gozamin	2,082				602		
Baso Liben							
Awabel							
Dejen							
Shebel Berenta							
Debre Markos							
West Gojam Zone	8,843	2,750	1,460	181	3,795	362	295
Achefer	1,158				1,031		
Bahirdar Zuria	447				275		
Yilmana Densa	1,426	999					
Merawi	901				811		
Sekela	910	248			210		
Kuarit	2,000	610	788		530		
Dega Damot	1,025	450	233		187		
Dembecha	203					179	
Jabi Tehnan				47			
Bure Wemberma	479				419		
Wag Hamra Zone	4,025	2,168			1,822		
Zikuala	1,669	745			894		
Sekota	1,537				623		
Dehana	819	513			305		
Awi Zone	2,990	1,160	718		667	271	
Dangela	493	163		14	309		
Banja	408	9	296				
Ankasha	946	529	274				
Guangua	684	419					
Faggeta Lekoma	459						
Oromia Zone	883	223			661		
Chefegolana Dawerahimedo	655						
Bati							
Jile Tumuga	144	123					
Artuma Fursi							
Bahirdar Special Zone	292	123			119		
Bahirdar	292	123			119		

b) Rural Holdings

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	82,687	32,144	6,429	533	39,643	2,741	1,197
North Gonder Zone	10,868	5,437	579		4,719	*	
Addi Arkay	392	*			*	*	
Beyeda	804	563	*		207	*	
Janamora	972	514	146		313	*	
Debark	592	262	*		*	*	
Dabat	481	258	*		137	*	
Sanja	875	544	*		260	*	
Lay Armacheho	304	*			*	*	
Wegera	1,097	*			879	*	
Gonder Zuria	333	218	*		*	*	
Dembia	226	*			*	*	
Chilga	711	579	*		*	*	
Metema	103	90	*		*	*	
Quara	325	148	*		177	*	
Alefa	873	244	*		562	*	
Belesa	2,780	1,351	*		1,429	*	
South Gonder Zone	11,200	4,467	2,455	*	3,542	555	*
Ebenat	1,284	334	*		950	*	
Kemekem	537	501	*		*	*	
Fogera	*	*	*		*	*	
Farta	3,631	499	2,062	*	603	*	
Lay Gayint	633	284	*		279	*	
Tach Gayint	412	234	*		158	*	
Simada	1,390	677	*		646	*	
Estie	2,734	1,621	*	*	609	*	*
Dera	360	*	*		*	*	*
North Wollo Zone	7,591	2,612	*	*	4,287	*	*
Bugna	1,491	300	*		1,191	*	*
Kobo	600	*	*		484	*	*
Gidan	1,175	505	*		437	*	*
Meket	1,026	*	*		499	*	*
Wadla	990	447	*	*	458	*	*
Dawuntna Delanta	1,731	508	*	*	894	*	*
Guba Lafto	329	*	*		278	*	*
Habru	*	*	*		*	*	*
South Wollo Zone	21,826	6,475	327	*	13,756	816	358
Mekdela	1,083	*	*		884	*	*
Tenta	1,471	468	*		1,002	*	*
Kutaber	2,660	682	*		1,479	*	*
Ambasel	1,615	476	*	*	754	*	*
Tehuledere	2,043	*	*	*	1,326	*	*
Werebabu	241	*	*		108	*	*
Kalu	482	219	*		204	*	*
Dessie Zuria	5,620	1,846	*		3,693	*	*
Legambo	787	*	*		691	*	*
Sayint	213	*	*		*	*	*
Debresina	336	295	*		*	*	*
Kelala	2,422	858	*		1,503	*	*
Jama	971	167	*		710	*	*
Were Ilu	1,332	314	*		945	*	*
Wegde	549	273	*		237	*	*
North Shewa Zone	8,390	4,239	87		3,867	112	*
Middana Weremo	470	185	*		286	*	*
Merhabete	422	*	*		357	*	*
Insarona Wavu	*	*	*		*	*	*
Moretna Jiru	*	*	*		*	*	*
Gera Keya	1,040	317	*		687	*	*
Geshe	894	431	*		448	*	*
Antsokiya Gemza	345	192	*		118	*	*
Efratana Gidim	411	*	*		302	*	*
Lalo Midir	542	*	*		486	*	*
Mojana Wedera	72	*	*		*	*	*
Tarmaber	159	*	*		139	*	*
Kewet	167	*	*		167	*	*
Asagirt	279	125	*		131	*	*

TABLE 7-12-b (Cont'd)

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Angolelana Tera	128						
Ankober	334	167			167		
Hagere Mariam	326	184			118		
Berehet	311	201			110		
Minjarna Shenkora	2,252	2,126			103		
Basona Werana	150						
East Gojam Zone	6,516	2,759	600		2,660	284	
Bibugn	325						
Hulet Ej Enesie	1,226	720			505		
Goncha Siso Enesie	336				227		
Enebse Sar Midir	446				285		
Enarj Enawga	298				221		
Enemay							
Debay Telatgen	148						
Machakel	1,321	915			405		
Gozamin	2,082				602		
Baso Liben							
Awabel							
Dejen							
Shebel Berenta							
West Gojam Zone	8,551	2,691	1,440		3,686	349	275
Achefer	1,097				993		
Bahirdar Zuria	414				250		
Yilmana Densa	1,400	996					
Merawi	856				788		
Sekela	898	245			202		
Kuarit	2,000	610	788		530		
Dega Damot	1,022	449	233		185		
Dembecha	179					179	
Jabi Tehnan							
Bure Wemberma	467				415		
Wag Hamra Zone	3,992	2,144			1,817		
Zikuala	1,659	740			889		
Sekota	1,514				623		
Dehana	818	513			305		
Awi Zone	2,870	1,097	716		648	271	
Dangela	431				300		
Banja	395		294				
Ankasha	939	525	274				
Guangua	666	409					
Faggeta Lekoma	439						
Oromia Zone	883	223			661		
Chefegolana Dawerahimedo	655						
Bati							
Jile Tumuga	144	123					
Artuma Fursi							

c) Urban Holdings

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Amhara Region	1,441	533	50	141	611	24	81
North Gonder Zone	111	43	8		60		
Addi Arkay	*	*			*		
Beyeda	6	*			*		
Janamora	16	*	*		9		
Debark	*	*	*				
Dabat	*	*					
Sanja							
Lay Armacheho	15	*			10		
Wegera	*	*			*		
Gonder Zuria	14	*			*		
Dembia	*				*		
Chilga							
Metema	2	1			1		
Quara	34	*			20		
Alefa	*				*		
Belesa							
Gonder	242	84	*	*	125	*	*
South Gonder Zone	*	*			*		*
Ebenat	*	*		*			
Kemekem	17				17		
Fogera	37	10	*		18	*	
Farta	*	*					
Lay Gayint							
Tach Gayint	28	17			11		
Simada	59	16			44		
Estie	27	12			*		
Dera	45	22		*	12		*
Debre Tabor	29	19		*	*		
North Wollo Zone	*	*					
Bugna	12	*		*	*		
Kobo							
Gidan							
Meket							
Wadla	*	*			*		
Dawuntna Delanta	*	*					
Habru							
Weldia	195	51		*	108	*	*
South Wollo Zone							
Mekdela	31	*			25		
Tenta	*				*		
Kutaber							
Ambasel	*				*		*
Tehuledere	*	*			*		
Werebabu	9			*	*		
Kalu	30	15			10	*	
Dessie Zuria	*	*					
Legambo	7	*			*		
Sayint	*	*			*		
Debresina	26	9			14	*	*
Kelala	*	*			*		
Jama	*	*			*		*
Were Ilu	*				*		
Wegde							
Kombolcha							
Dessie	61	18			43		
North Shewa Zone	*				*		
Middana Weremo	*				*		
Merhabete							
Insarona Wayu							
Moretna Jiru	*				*		
Gera Keya	*	*					
Geshe	*				*		
Antsokiya Gemza	*	*					
Efratana Gidim	*				*		
Lalo Midir	*	*			*		

TABLE 7-12-c –(Cont'd)

Geographic Area	MULES AGED 3 YEARS AND OLDER						
	TOTAL	MALES			FEMALES		
		Transportation	Draught	Other	Transportation	Draught	Other
Mojana Wedera							
Tarmaber							
Kewet							
Asagirt							
Angolelana Tera							
Ankober							
Hagere Mariam	26				18		
Berehet							
Minjarna Shenkora							
Debre Berhane							
East Gojam Zone	64	49			15		
Bibugn							
Hulet Ej Enesie	16	11					
Goncha Siso Enesie							
Enebse Sar Midir							
Enarj Enawga							
Enemay							
Debay Telatgen							
Machakel	11						
Gozamin							
Baso Liben							
Awabel							
Dejen							
Shebel Berenta							
Debre Markos							
West Gojam Zone	293	58	20	71	109	13	21
Achefer	61				38		
Bahirdar Zuria	34				25		
Yilmana Densa	26						
Merawi	45				22		
Sekela							
Kuarit							
Dega Damot							
Dembecha							
Jabi Tehnan	24						
Bure Wemberma	77	20		47			
Wag Hamra Zone							
Zikuala							
Sekota	9	5			5		
Dehana					5		
Awi Zone							
Dangela	120	63		28	19		
Banja	62	32		14			
Ankasha	13	9					
Guangua							
Faggeta Lekoma	18	10					
Oromia Zone	20			9			
Chefegolana Dawerahimedo							
Bati							
Jile Tumuga							
Artuma Fursi							
Bahirdar Special Zone							
Bahirdar	292	123			119		
	292	123			119		

TABLE 7-13: CAMELS AGED 4 YEARS AND OLDER BY SEX, PURPOSE, ZONE, AND WEREDA

a) Both Rural and Urban Holdings

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALES				FEMALES				
		Transportation	Draught	Meat	Other	Transportation	Draught	Meat	Milk	Others
Amhara Region	25,274	16,593	823	-	3,233	-	-	4,317	-	-
North Gonder Zone	792	187	66	-	521	-	-	-	-	-
Addi Arkay	-	-	-	-	-	-	-	-	-	-
Beyeda	-	-	-	-	-	-	-	-	-	-
Janamora	-	-	-	-	-	-	-	-	-	-
Dcbark	-	-	-	-	-	-	-	-	-	-
Dabat	-	-	-	-	-	-	-	-	-	-
Sanja	57	-	57	-	-	-	-	-	-	-
Lay Armacheho	-	-	-	-	-	-	-	-	-	-
Wegera	-	-	-	-	-	-	-	-	-	-
Gonder Zuria	-	-	-	-	-	-	-	-	-	-
Dembia	-	-	-	-	-	-	-	-	-	-
Chilga	-	-	-	-	-	-	-	-	-	-
Metema	3	-	-	-	3	-	-	-	-	-
Quara	446	-	9	-	367	-	-	-	-	-
Alefa	160	-	-	-	87	-	-	-	-	-
Belesa	-	-	-	-	-	-	-	-	-	-
Gonder	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	2,728	1,364	-	-	1,364	-	-	-	-	-
Ebenat	760	380	-	-	380	-	-	-	-	-
Kemekem	-	-	-	-	-	-	-	-	-	-
Fogera	-	-	-	-	-	-	-	-	-	-
Farta	551	276	-	-	276	-	-	-	-	-
Lay Gayint	-	-	-	-	-	-	-	-	-	-
Tach Gayint	-	-	-	-	-	-	-	-	-	-
Simada	-	-	-	-	-	-	-	-	-	-
Estie	-	-	-	-	-	-	-	-	-	-
Dera	-	-	-	-	-	-	-	-	-	-
Debre Tabor	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	5,099	3,576	-	-	715	-	-	-	-	-
Bugna	-	-	-	-	-	-	-	-	-	-
Kobo	2,455	1,550	-	-	-	-	-	-	-	-
Gidan	-	-	-	-	-	-	-	-	-	-
Meket	-	-	-	-	-	-	-	-	-	-
Wadla	-	-	-	-	-	-	-	-	-	-
Dawuntna Delanta	-	-	-	-	-	-	-	-	-	-
Guba Lafto	-	-	-	-	-	-	-	-	-	-
Habru	2,050	1,629	-	-	-	-	-	-	-	-
Weldia	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	2,571	2,095	2	-	474	-	-	-	-	-
Mekdela	-	-	-	-	-	-	-	-	-	-
Tenta	-	-	-	-	-	-	-	-	-	-
Kutaber	-	-	-	-	-	-	-	-	-	-
Ambasel	-	-	-	-	-	-	-	-	-	-
Tehuledere	-	-	-	-	-	-	-	-	-	-
Werebabu	399	372	-	-	-	-	-	-	-	-
Kalu	1,769	-	2	-	403	-	-	-	-	-
Dessie Zuria	-	-	-	-	-	-	-	-	-	-
Legambo	-	-	-	-	-	-	-	-	-	-
Sayint	-	-	-	-	-	-	-	-	-	-
Debresina	-	-	-	-	-	-	-	-	-	-
Kelala	-	-	-	-	-	-	-	-	-	-
Jama	179	179	-	-	-	-	-	-	-	-
Were Ilu	-	-	-	-	-	-	-	-	-	-
Wegde	-	-	-	-	-	-	-	-	-	-
Kombolcha	-	-	-	-	-	-	-	-	-	-
Dessie	-	-	-	-	-	-	-	-	-	-
North Shewa Zone	2,703	2,592	-	-	-	-	-	-	-	-
Middana Weremo	-	-	-	-	-	-	-	-	-	-
Merhabete	-	-	-	-	-	-	-	-	-	-
Insarona Wayu	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	-	-	-	-	-	-	-	-	-	-
Gera Keya	-	-	-	-	-	-	-	-	-	-
Geshe	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	55	55	-	-	-	-	-	-	-	-

TABLE 7-13-a –(Cont'd)

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
		MALES				FEMALES				
	TOTAL	Transportation	Draught	Meat	Other	Transportation	Draught	Meat	Milk	Others
Efratana Gidim	277	255								
Lalo Midir										
Mojana Wodera										
Tarmaber										
Kewet										
Asagirt										
Angolelana Tera										
Ankober										
Hagere Mariam										
Berehet	474	466								
Minjarna Shenkora	1,382	1,328								
Debre Berhane										
Basona Werana										
East Gojam Zone	838	314						524		
Bibugn										
Hulet Ej Enesie										
Goncha Siso Enesie										
Enebse Sar Midir										
Enarj Enawga										
Enemay										
Debay Telatgen										
Machakel										
Gozamin										
Baso Liben										
Awabel										
Dejen										
Shebel Berenta										
Debre Markos										
West Gojam Zone	4,811	1,604						3,207		
Achefer										
Bahirdar Zuria										
Yilmana Densa	1,141	380						761		
Merawi										
Sekela										
Kuarit										
Dega Damot										
Dembecha	450	150						300		
Jabi Tehnan										
Bure Wemberma										
Wag Hamra Zone										
Zikuala										
Sekota										
Dehana										
Awi Zone	830	277						553		
Dangela										
Banja										
Ankasha										
Guangua										
Faggeta Lekoma										
Oromia Zone	4,854	4,570								
Chefegolana Dawerahimedo	1,391	1,333								
Bati	2,254	2,122								
Jile Tumuga	712	619								
Artuma Fursi	497	497								
Bahirdar Special Zone										
Bahirdar										

b) Rural Holdings

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALES				FEMALES				
		Transportation	Draught	Meat	Others	Transportation	Draught	Meat	Milk	Others
Amhara Region	24,650	16,142	*	*	3,159	*	*	4,317	*	
North Gonder Zone	704	178			507	*				
Addi Arkay										
Beyeda										
Janamora										
Debark										
Dabat										
Sanja										
Lay Armacheho										
Wegera										
Gonder Zuria										
Dembia										
Chilga										
Metema										
Quara	418	*			358	*				
Alefa	160	*			87					
Belesa	*	*			*					
South Gonder Zone	2,728	1,364			1,364					
Ebenat	760	380			380					
Kemekem										
Fogera										
Farta										
Lay Gayint	551	276			276					
Tach Gayint	*	*			*					
Simada	*	*			*					
Estie	*	*			*					
Dera	*	*			*					
North Wollo Zone	4,861	3,402	*		682		*		*	
Bugna										
Kobo	2,257	1,416	*		*		*		*	
Gidan	*	*								
Meket										
Wadla										
Dawuntna Delanta										
Guba Lafto										
Habru										
South Wollo Zone	2,011	1,590	*		*					
Mekdela	2,468	2,017			451					
Tenta										
Kutaber										
Ambasel										
Tehuledere										
Werebabu										
Kalu	330	304								
Dessie Zuria	1,734	*			*					
Legambo										
Sayint										
Debresina										
Kelala										
Jama										
Were Ilu	179	179								
Wegde										
North Shewa Zone	2,580	2,469	*		*	*	*			
Middana Weremo	*	*								
Merhabete										
Insarona Wayu										
Moretna Jiru										
Gera Keya										
Geshe										
Antsokiya Gemza										
Efratana Gidim	248	225			*					
Lalo Midir										
Mojana Wedera										
Tarmaber										
Kewet	*	*								

TABLE 7-13-b –(Cont'd)

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
		MALES				FEMALES				
	TOTAL	Transportation	Draught	Meat	Others	Transportation	Draught	Meat	Milk	Others
Asagirt	-	-	-	-	-	-	-	-	-	-
Angolelana Tera	-	-	-	-	-	-	-	-	-	-
Ankober	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	-	-	-	-	-	-	-	-	-	-
Berehet	418	410	-	-	-	-	-	-	-	-
Minjarna Shenkora	1,382	1,328	-	-	-	-	-	-	-	-
Basona Werana	-	-	-	-	-	-	-	-	-	-
East Gojam Zone	838	314	-	-	-	-	-	524	-	-
Bibugn	-	-	-	-	-	-	-	-	-	-
Hulet Ej Enesie	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enesie	-	-	-	-	-	-	-	-	-	-
Enebse Sar Midir	-	-	-	-	-	-	-	-	-	-
Enarj Enawga	-	-	-	-	-	-	-	-	-	-
Enemay	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	-	-	-	-	-	-	-	-	-	-
Machakel	-	-	-	-	-	-	-	-	-	-
Gozamin	-	-	-	-	-	-	-	-	-	-
Baso Liben	-	-	-	-	-	-	-	-	-	-
Awabel	-	-	-	-	-	-	-	-	-	-
Dejen	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	4,811	1,604	-	-	-	-	-	3,207	-	-
Achefer	-	-	-	-	-	-	-	-	-	-
Bahirdar Zuria	-	-	-	-	-	-	-	-	-	-
Yilmana Densa	1,141	380	-	-	-	-	-	761	-	-
Merawi	-	-	-	-	-	-	-	-	-	-
Sekela	-	-	-	-	-	-	-	-	-	-
Kuarit	-	-	-	-	-	-	-	-	-	-
Dega Damot	-	-	-	-	-	-	-	-	-	-
Dembecha	450	150	-	-	-	-	-	300	-	-
Jabi Tehnan	-	-	-	-	-	-	-	-	-	-
Bure Wemberma	-	-	-	-	-	-	-	-	-	-
Wag Hamra Zone	-	-	-	-	-	-	-	-	-	-
Zikuala	-	-	-	-	-	-	-	-	-	-
Sekota	-	-	-	-	-	-	-	-	-	-
Dehana	-	-	-	-	-	-	-	-	-	-
Awi Zone	830	277	-	-	-	-	-	553	-	-
Dangela	-	-	-	-	-	-	-	-	-	-
Banja	-	-	-	-	-	-	-	-	-	-
Ankasha	-	-	-	-	-	-	-	-	-	-
Guangua	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	-	-	-	-	-	-	-	-	-	-
Oromia Zone	4,782	4,502	-	-	-	-	-	-	-	-
Chefegolana Dawerahimedo	1,370	1,315	-	-	-	-	-	-	-	-
Bati	2,245	2,113	-	-	-	-	-	-	-	-
Jile Tumuga	675	582	-	-	-	-	-	-	-	-
Artuma Fursi	492	492	-	-	-	-	-	-	-	-

c) Urban Holdings

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
		MALES				FEMALES				
	TOTAL	Transportation	Draught	Meat	Others	Transportation	Draught	Meat	Milk	Others
Amhara Region	624	451	99		74					
North Gonder Zone	88	9	66		*					
Addi Arkay										
Beyeda										
Janamora										
Debark										
Dabat										
Sanja	57		57							
Lay Armacheho										
Wegera										
Gonder Zuria										
Dembia										
Chilga	3				*					
Metema	28	9	9		*					
Quara										
Alefa										
Belesa										
Gonder										
South Gonder Zone										
Ebenat										
Kemekem										
Fogera										
Farta										
Lay Gayint										
Tach Gayint										
Simada										
Estie										
Dera										
Debre Tabor										
North Wollo Zone	238	174	31		*					
Bugna										
Kobo	198	134	31		*					
Gidan										
Meket										
Wadla										
Dawuntna Delanta										
Habru	39	39								
Weldia										
South Wollo Zone	103	77	2		24					
Mekdela										
Tenta										
Kutaber										
Ambasel										
Tehuledere										
Werebabu	68	68								
Kalu	35	9	2		24					
Dessie Zuria										
Legambo										
Sayint										
Debresina										
Kelala										
Jama										
Were Ilu										
Wegde										
Kombolcha										
Dessie										
North Shewa Zone	122	122								
Middana Weremo										
Merhabete										
Insarona Wayu										
Moretna Jiru										
Gera Keya										
Geshe										
Antsokiya Gemza	38	38								
Efratana Gidim	29	29								

TABLE 7-13-c –(Cont'd)

Geographic Area	CAMELS AGED 4 YEARS AND OLDER									
	TOTAL	MALES				FEMALES				
		Transportation	Draught	Meat	Others	Transportation	Draught	Meat	Milk	Others
Lalo Midir										
Mojana Wedera										
Tarmaber										
Kewet										
Asagirt										
Angolelana Tera										
Ankober										
Hagere Mariam										
Berehet	55	55								
Minjarna Shenkora										
Debre Berhane										
East Gojam Zone										
Bibugn										
Hulet Ej Enesie										
Goncha Siso Enesie										
Enebse Sar Midir										
Enarj Enawga										
Enemay										
Debay Telatgen										
Machakel										
Gozamin										
Baso Liben										
Awabel										
Dejen										
Shebel Berenta										
Debre Markos										
West Gojam Zone										
Achefer										
Bahirdar Zuria										
Yilmana Densa										
Merawi										
Sekela										
Kuarit										
Dega Damot										
Dembecha										
Jabi Tehnan										
Bure Wemberma										
Wag Hamra Zone										
Zikuala										
Sekota										
Dehana										
Awi Zone										
Dangela										
Banja										
Ankasha										
Guangua										
Faggeta Lekoma										
Oromia Zone	72	69				-				
Chefegolana Dawerahimedo	21	18				-				
Bati	9	9								
Jile Tumuga	37	37								
Artuma Fursi	5	5								
Bahirdar Special Zone										
Bahirdar										

TABLE 7-14: POULTRY INVENTORY BY TYPE, 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
Amhara Region	13,434,878	1,090,532	934,863	1,368,218	622,798	6,261,813	3,156,655	20	12
North Gonder Zone	3,165,069	172,214	244,541	319,273	164,784	1,727,970	536,287	17	11
Addi Arkay	192,582	13,482	13,592	17,386	18,445	102,857	26,820	12	11
Beyeda	66,201	7,312	5,306	7,572	4,576	29,886	11,549	20	11
Janamora	137,935	13,937	10,771	14,838	3,875	65,425	29,090	17	10
Debark	161,911	9,505	11,673	15,050	4,562	89,414	31,707	16	10
Dabat	169,187	7,383	13,519	17,319	2,643	93,603	34,720	17	10
Sanja	281,024	20,398	24,432	21,938	27,673	143,184	43,399	20	12
Lay Armacheho	213,355	10,087	13,873	21,858	11,134	121,827	34,576	17	11
Wegera	213,721	7,778	14,850	21,198	12,371	122,104	35,420	19	10
Gonder Zuria	234,710	7,358	21,460	27,726	9,562	123,615	44,989	19	12
Dembia	236,466	8,863	17,632	22,719	10,811	137,581	38,859	18	12
Chilga	310,953	14,634	27,205	34,048	8,067	170,962	56,037	18	11
Metema	92,068	6,065	7,563	10,741	6,665	45,482	15,551	15	12
Quara	101,428	6,810	9,932	11,284	8,936	47,948	16,518	15	11
Alefa	454,249	22,523	31,796	44,443	20,958	267,340	67,189	19	11
Belesa	291,526	15,583	20,471	30,334	14,239	163,058	47,841	14	11
Gonder	7,752	494	467	819	267	3,685	2,020	19	13
South Gonder Zone	1,575,937	77,077	123,010	182,597	73,767	780,929	338,558	21	12
Ebenat	189,768	7,271	14,891	18,643	15,846	107,923	25,193	21	11
Kemekem	206,187	8,651	21,274	27,942	7,481	103,586	37,253	19	11
Fogera	246,496	9,118	21,065	32,120	8,483	130,010	45,700	19	13
Farta	136,460	7,965	9,499	15,169	4,666	47,144	52,016	21	12
Lay Gayint	100,804	8,207	5,319	12,785	4,940	45,288	24,264	22	11
Tach Gayint	57,954	5,666	5,764	7,300	1,869	24,106	13,250	20	11
Simada	159,445	9,693	12,896	18,232	6,824	79,704	32,096	25	11
Estie	238,072	13,389	17,606	23,327	11,489	106,891	65,370	21	11
Dera	237,208	6,919	14,427	26,586	12,071	134,980	42,224	21	12
Debre Tabor	3,543	199	269	494	97	1295	1,190	23	16
North Wollo Zone	1,200,512	191,158	79,072	124,176	46,666	488,970	270,470	21	11
Bugna	198,137	18,445	13,971	22,941	*	100,729	37,717	19	10
Kobo	212,425	32,946	14,896	26,897	7,064	89,706	40,917	22	12
Gidan	125,473	26,355	8,870	10,691	2,896	51,888	24,772	22	11
Meket	137,165	14,297	8,284	12,178	6,816	52,675	42,915	21	11
Wadla	74,785	13,598	5,968	8,165	2,900	20,327	23,826	20	11
Dawuntna Delanta	132,415	26,591	11,716	15,719	4,573	40,014	33,804	21	11
Guba Lafto	163,552	30,587	9,961	14,907	8,913	66,190	32,993	20	11
Habru	156,015	28,281	5,369	12,632	9,129	67,229	33,375	21	12
Weldia	544	57	36	47	41	211	152	22	13
South Wollo Zone	1,933,730	288,167	103,530	161,924	94,487	689,917	595,705	22	12
Mekdela	77,702	17,182	4,007	7,750	6,091	17,613	25,059	23	12
Tenta	113,268	24,119	5,029	8,283	6,387	26,302	43,148	22	11
Kutaber	107,478	14,888	3,237	6,604	2,157	37,471	43,121	23	12
Ambasel	130,306	26,105	6,096	11,855	4,790	44,462	36,996	21	11
Tehuledere	110,103	14,364	6,104	9,617	3,774	41,570	34,673	22	11
Werebabu	91,967	14,782	5,592	10,552	4,734	32,445	23,861	24	13
Kalu	205,431	26,883	12,620	18,583	7,277	94,989	45,080	22	12
Dessie Zuria	272,430	36,402	7,933	19,291	14,702	95,897	98,206	22	12
Legambo	94,180	20,239	5,313	6,971	5,816	14,536	41,306	22	11
Sayint	167,316	24,340	12,120	14,962	6,887	68,069	40,938	22	12
Debresina	111,160	12,368	6,964	7,604	3,508	45,091	35,625	22	12
Kelala	133,069	16,100	8,814	10,421	5,604	61,075	31,054	25	13
Jama	110,696	11,973	6,856	12,072	4,767	46,976	28,052	24	14
Were Ilu	114,282	19,709	3,518	5,154	14,894	22,234	48,774	21	12
Wegde	90,056	8,306	8,948	11,456	2,983	39,871	18,492	23	13
Kombolcha	1,464	112	166	314	33	386	453	27	17
Dessie	2,822	296	212	436	81	930	866	24	14
North Shewa Zone	1,333,835	116,205	69,526	115,910	60,060	509,579	462,555	21	11
Middana Weremo	69,030	4,746	5,246	7,679	979	38,312	12,069	21	12
Merhabete	100,394	5,802	7,354	9,491	6,406	48,327	23,014	21	12
Insarona Wayu	68,928	4,077	4,236	6,540	1,994	29,104	22,976	23	12
Moretna Jiru	52,715	2,984	3,911	5,188	2,373	23,858	14,401	22	11
Gera Keya	105,776	11,757	6,680	9,381	5,157	38,022	34,778	23	12
Geshe	48,830	6,214	2,616	4,546	2,446	19,177	13,832	26	13
Antsokiya Gemza	43,529	4,381	2,331	3,810	1,265	19,751	11,993	22	12
Efratana Gidim	66,797	7,401	3,230	6,513	2,653	29,049	17,951	23	12
Lalo Midir	74,930	9,076	2,901	4,432	3,692	16,835	37,995	21	11

TABLE 7-14-a –(Cont'd)

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens	Avg. Number of Clutches	Avg. Egg Production/ Hen/Clutch
Mojana Wedera	51,849	4,443	1,388	2,980	1,791	15,481	25,766	19	10
Tarmaber	73,870	5,455	2,534	5,049	2,747	31,257	26,828	20	11
Kewet	75,416	4,638	3,927	7,728	1,961	30,161	27,001	20	11
Asagirt	54,285	4,881	3,433	5,659	2,956	20,669	16,688	19	10
Angolelana Tera	56,822	4,442	3,366	5,511	3,346	15,900	24,259	20	11
Ankober	85,835	7,840	3,399	5,328	4,713	35,109	29,447	19	10
Hagere Mariam	51,578	4,057	2,119	4,743	2,976	16,905	20,779	19	11
Berehet	33,891	3,075	2,064	3,452	2,303	13,319	9,677	18	11
Minjarna Shenkora	116,959	9,807	5,541	10,332	6,575	40,370	44,334	20	13
Debre Berhane	5,190	618	264	504	254	1,298	2,251	22	14
Basona Werana	97,209	10,511	2,987	7,045	3,475	26,676	46,516	19	10
East Gojam Zone	809,702	58,717	59,554	94,354	44,295	281,037	271,745	21	14
Bibugn	60,841	4,277	4,300	7,060	3,411	24,523	17,270	21	12
Hulet Ej Enesie	121,192	8,356	6,969	15,040	5,187	50,485	35,155	21	13
Goncha Siso Enesie	63,512	5,690	3,653	6,303	2,737	23,551	21,578	20	15
Enebse Sar Midir	55,923	3,614	2,940	4,472	2,953	27,141	14,804	20	12
Enarj Enawga	49,789	3,478	2,102	5,154	2,470	17,753	18,831	23	14
Enemay	31,729	2,144	2,483	3,480	2,709	10,623	10,291	22	15
Debay Telatgen	27,875	1,963	1,517	2,435	2,099	8,771	11,090	23	15
Machakel	127,233	7,528	11,659	17,018	7,390	43,202	40,436	21	15
Gozamin	96,939	8,414	6,484	7,907	5,556	27,028	41,551	21	14
Baso Liben	46,213	3,877	5,135	8,483	2,063	9,951	16,705	20	14
Awabel	72,499	5,600	7,087	9,628	3,268	18,658	28,258	19	14
Dejen	22,935	1,151	2,598	3,321	2,032	7,511	6,322	22	16
Shebel Berenta	28,265	2,248	2,296	3,532	1,981	10,336	7,871	22	16
Debre Markos	4,757	379	331	521	439	1,504	1,583	24	18
West Gojam Zone	2,016,039	96,996	159,449	232,818	74,223	1,047,317	405,236	19	13
Achefer	396,690	17,608	30,548	47,610	14,402	214,170	72,351	16	12
Bahirdar Zuria	346,546	13,582	26,328	41,439	17,096	192,071	56,030	20	13
Yilmana Densa	242,775	9,352	20,645	24,792	9,761	127,656	50,568	18	12
Merawi	351,928	14,328	25,656	32,834	8,623	208,639	61,848	16	12
Sekela	46,049	2,931	3,696	4,482	2,768	14,332	17,839	20	14
Kuarit	88,096	6,625	7,411	10,677	4,101	37,297	21,986	20	14
Dega Damot	66,296	4,875	3,843	5,351	3,470	25,798	22,959	22	12
Dembecha	116,541	8,214	11,896	16,104	5,736	43,723	30,869	24	14
Jabi Tehnan	172,809	10,914	12,445	21,814	1,990	86,707	38,939	21	14
Bure Wemberma	188,310	8,566	16,982	27,716	6,276	96,924	31,846	18	14
Wag Hamra Zone	252,657	22,947	15,312	23,929	18,275	115,986	56,207	20	12
Zikuala	38,829	4,894	2,367	2,694	3,690	14,449	10,734	22	12
Sekota	119,919	10,290	6,640	11,706	7,583	59,939	23,762	21	12
Dehana	93,910	7,764	6,306	9,529	7,002	41,598	21,711	19	12
Awi Zone	810,144	37,331	61,760	81,370	33,378	445,982	150,323	19	13
Dangela	290,633	12,725	23,032	28,931	14,385	170,019	41,540	19	12
Banja	55,719	3,530	2,725	6,006	3,102	20,799	19,558	20	13
Ankasha	157,235	8,502	13,100	14,781	3,647	80,663	36,543	20	14
Guangua	235,916	9,190	18,220	24,901	10,165	139,031	34,408	19	12
Faggeta Lekoma	70,641	3,384	4,683	6,751	2,079	35,470	18,274	20	12
Oromia Zone	308,890	28,528	16,391	27,849	12,266	160,421	63,436	21	12
Chefegolana Dawerahimedo	152,714	15,110	8,613	15,207	5,663	77,661	30,461	21	12
Bati	71,333	7,363	3,494	5,084	3,419	37,357	14,616	23	12
Jile Tumuga	33,222	2,300	1,951	3,005	1,278	17,302	7,387	22	12
Artuma Fursi	51,620	3,755	2,133	4,553	1,906	28,100	10,972	21	12
Bahirdar Special Zone	28,363	1,192	2717	4017	599	13,706	6,133	20	14
Bahirdar	28,363	1,192	2717	4017	599	13,706	6,133	20	14

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
Amhara Region	13,139,592	1,072,778	914,751	1,335,721	596,514	6,150,775	3,069,054	20	12
North Gonder Zone	3,122,485	169,956	241,624	314,069	162,475	1,706,657	527,703	17	11
Addi Arkay	191,442	13,411	13,523	17,325	18,389	102,224	26,570	12	11
Beyeda	66,041	7,292	5,290	7,549	4,570	29,829	11,511	20	11
Janamora	137,668	13,914	10,760	14,824	3,871	65,272	29,027	17	10
Debark	160,310	9,426	11,560	14,888	4,542	88,522	31,372	16	10
Dabat	168,120	7,293	13,436	17,221	2,638	93,050	34,481	17	10
Sanja	277,672	20,191	24,318	21,679	26,992	141,441	43,052	20	12
Lay Armacheho	212,405	10,023	13,787	21,668	11,105	121,453	34,369	17	11
Wegera	212,755	7,717	14,736	20,870	12,359	121,881	35,192	19	10
Gonder Zuria	231,278	7,191	21,219	27,368	9,490	121,769	44,241	19	12
Dembia	231,014	8,614	17,215	21,952	10,626	134,809	37,798	17	12
Chilga	308,033	14,480	26,866	33,591	8,012	169,855	55,229	18	11
Metema	84,560	5,706	7,049	9,754	6,097	41,574	14,380	15	12
Quara	101,313	6,807	9,923	11,280	8,930	47,872	16,500	15	11
Alefa	450,154	22,427	31,539	43,972	20,723	264,965	66,528	19	11
Belesa	289,721	15,464	20,403	30,129	14,131	162,141	47,453	14	11
South Gonder Zone	1,532,759	75,198	120,121	177,782	70,028	765,053	324,577	21	12
Ebenat	189,245	7,260	14,816	18,547	15,840	107,709	25,074	21	11
Kemekem	197,844	8,339	20,613	26,872	7,399	99,018	35,604	20	11
Fogera	238,435	8,771	20,195	30,927	8,247	126,341	43,953	19	13
Farta	135,781	7,902	9,456	15,097	4,652	46,956	51,718	21	12
Lay Gayint	98,424	7,979	5,146	12,433	4,865	44,648	23,353	22	11
Tach Gayint	57,438	5,606	5,720	7,208	1,866	23,943	13,095	20	11
Simada	158,493	9,608	12,768	18,047	6,791	79,532	31,747	25	11
Estie	227,140	13,101	17,426	22,929	8,396	105,643	59,645	21	11
Dera	229,957	6,632	13,982	25,721	11,971	131,264	40,388	21	12
North Wollo Zone	1,177,164	188,617	77,956	122,294	42,946	481,653	263,698	21	11
Bugna	196,484	18,249	13,875	22,759	*	100,089	37,211	19	10
Kobo	204,945	32,132	14,358	26,074	6,889	86,195	39,297	22	12
Gidan	123,949	26,137	8,749	10,497	2,872	51,313	24,381	22	11
Meket	135,597	14,119	8,205	11,993	6,759	52,113	42,408	21	11
Wadla	74,004	13,493	5,935	8,131	2,882	20,046	23,516	20	11
Dawuntna Delanta	131,704	26,452	11,667	15,606	4,569	39,867	33,542	21	11
Guba Lafto	163,552	30,587	9,961	14,907	8,913	66,190	32,993	20	11
Habru	146,929	27,448	5,206	12,326	5,761	65,838	30,350	21	12
South Wollo Zone	1,897,370	285,494	102,243	159,390	84,601	683,365	582,277	22	12
Mekdela	77,616	17,177	3,988	7,750	6,091	17,613	24,997	23	12
Tenta	111,801	23,745	4,993	8,154	6,341	26,141	42,427	22	11
Kutaber	106,364	14,753	3,204	6,548	2,130	37,230	42,498	23	12
Ambasel	129,410	26,004	6,043	11,757	4,765	44,073	36,769	21	11
Tehuledere	107,314	14,133	5,996	9,357	3,713	40,488	33,627	22	11
Werebabu	90,902	14,643	5,567	10,440	4,695	31,995	23,561	24	12
Kalu	202,954	26,670	12,434	18,287	7,265	93,842	44,456	22	12
Dessie Zuria	271,330	36,320	7,863	19,150	14,652	95,510	97,835	22	12
Legambo	93,173	19,999	5,251	6,875	5,780	14,398	40,870	22	11
Sayint	166,955	24,280	12,106	14,949	6,866	68,002	40,752	22	12
Debresina	110,498	12,298	6,909	7,514	3,477	44,963	35,337	22	12
Kelala	132,257	15,957	8,756	10,329	5,568	60,871	30,777	25	13
Jama	109,492	11,886	6,767	11,873	4,735	46,571	27,660	24	14
Were Ilu	97,658	19,350	3,468	5,014	5,547	21,937	42,342	21	12
Wegde	89,646	8,280	8,897	11,392	2,977	39,730	18,370	23	13
North Shewa Zone	1,294,611	113,349	66,263	111,751	56,518	500,250	446,480	21	11
Middana Weremo	67,243	4,516	4,973	7,425	967	37,750	11,612	21	11
Merhabete	88,162	5,481	6,076	8,839	3,659	47,302	16,806	20	12
Insarona Wayu	68,090	3,969	4,190	6,484	1,950	28,873	22,623	23	12
Moretna Jiru	51,852	2,909	3,835	4,995	2,366	23,678	14,069	22	11
Gera Keya	104,885	11,655	6,600	9,209	5,151	37,852	34,418	23	12
Geshe	48,407	6,175	2,576	4,464	2,439	19,059	13,695	26	13
Antsokiya Gemza	41,471	4,189	2,164	3,531	1,217	18,930	11,440	22	12
Efratana Gidim	63,087	7,169	2,920	5,986	2,593	27,390	17,028	23	12
Lalo Midir	74,070	8,961	2,854	4,342	3,682	16,698	37,532	21	11
Mojana Wedera	51,380	4,390	1,379	2,904	1,772	15,414	25,522	19	10
Tarmaber	71,902	5,252	2,391	4,831	2,679	30,750	25,999	20	11
Kewet	72,514	4,466	3,726	7,282	1,915	29,229	25,897	20	11
Asagirt	53,952	4,845	3,417	5,617	2,943	20,589	16,542	19	10
Angolelana Tera	56,123	4,389	3,316	5,369	3,320	15,722	24,007	20	11

TABLE 7-14-b –(Cont'd)

Geographic Area	Total Poultry	Cocks	Cockerels	Pullets	Non-Laying Hens	Chicks	Laying Hens	Avg. Number of Clutches	Avg. Egg Production/ Hen/Clutch
Ankober	84,123	7,735	3,256	5,131	4,675	34,632	28,694	19	10
Hagere Mariam	51,155	4,005	2,103	4,690	2,967	16,807	20,583	19	11
Berehet	33,507	3,044	2,036	3,414	2,252	13,165	9,596	18	11
Minjarna Shenkora	115,479	9,689	5,464	10,194	6,497	39,732	43,903	20	13
Basona Werana	97,209	10,511	2,987	7,045	3,475	26,676	46,516	19	10
East Gojam Zone	792,550	57,465	58,230	92,264	43,268	275,352	265,971	21	14
Bibugn	60,627	4,269	4,300	7,042	3,383	24,405	17,229	21	12
Hulet Ej Enesie	117,170	8,161	6,719	14,474	5,027	48,647	34,141	21	13
Goncha Siso Enesie	62,535	5,626	3,598	6,231	2,711	23,099	21,269	20	15
Enebse Sar Midir	55,215	3,562	2,878	4,391	2,936	26,951	14,497	20	12
Enarj Enawga	48,885	3,372	2,024	5,037	2,399	17,611	18,442	23	14
Enemay	30,766	2,070	2,406	3,410	2,637	10,364	9,878	22	15
Debay Telatgen	27,619	1,939	1,476	2,374	2,092	8,736	11,002	23	15
Machakel	126,084	7,445	11,540	16,891	7,350	42,892	39,966	21	14
Gozamin	96,564	8,380	6,446	7,873	5,547	26,929	41,389	21	14
Baso Liben	45,217	3,783	5,092	8,346	2,058	9,714	16,225	20	14
Awabel	71,301	5,522	6,941	9,456	3,189	18,282	27,910	19	14
Dejen	22,548	1,122	2,545	3,259	1,987	7,405	6,229	22	16
Shebel Berenta	28,020	2,213	2,264	3,482	1,951	10,316	7,794	22	16
West Gojam Zone	1,980,960	95,492	156,866	228,607	73,549	1,030,471	395,976	19	13
Achefer	389,074	17,311	30,014	46,706	14,255	209,965	70,824	16	12
Bahirdar Zuria	341,275	13,352	25,913	40,711	17,001	189,337	54,961	20	13
Yilmana Densa	239,145	9,240	20,413	24,420	9,689	125,620	49,764	18	12
Merawi	346,870	14,154	25,238	32,273	8,605	205,833	60,766	16	12
Sekela	45,802	2,905	3,693	4,458	2,762	14,259	17,724	20	14
Kuarit	87,342	6,587	7,398	10,599	4,097	36,852	21,808	20	14
Dega Damot	66,250	4,873	3,837	5,338	3,470	25,793	22,940	22	12
Dembecha	113,840	8,010	11,697	15,582	5,633	43,001	29,919	24	14
Jabi Tehnan	165,407	10,612	11,948	21,154	1,823	83,812	36,058	21	14
Bure Wemberma	185,955	8,449	16,715	27,365	6,216	95,999	31,210	18	14
Wag Hamra Zone	250,661	22,769	15,179	23,743	18,110	115,099	55,763	20	12
Zikuala	38,712	4,887	2,338	2,664	3,685	14,444	10,694	22	12
Sekota	119,315	10,192	6,605	11,667	7,535	59,771	23,545	21	12
Dehana	92,634	7,690	6,235	9,412	6,889	40,884	21,524	19	12
Awi Zone	787,340	36,367	60,276	78,793	32,813	434,170	144,922	19	13
Dangela	283,103	12,423	22,582	28,138	14,183	166,088	39,688	19	12
Banja	54,768	3,436	2,650	5,882	3,053	20,626	19,122	20	13
Ankasha	153,022	8,404	12,886	14,300	3,557	78,290	35,584	20	13
Guangua	226,904	8,794	17,578	23,879	10,005	134,053	32,594	19	12
Faggeta Lekoma	69,543	3,309	4,580	6,594	2,015	35,112	17,934	20	12
Oromia Zone	303,692	28,072	15,991	27,029	12,206	158,705	61,688	21	12
Chefegolana Dawerahimedo	150,954	14,963	8,501	14,899	5,636	76,975	29,979	21	12
Bati	70,363	7,254	3,433	5,011	3,403	36,934	14,328	22	12
Jile Tumuga	32,827	2,259	1,924	2,947	1,276	17,153	7,268	22	12
Artuma Fursi	49,548	3,596	2,134	4,171	1,891	27,644	10,113	21	12

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
Amhara Region	295,286	17,754	20,112	32,497	26,285	111,038	87,601	22	14
North Gonder Zone	42,584	2,258	2,917	5,204	2,308	21,313	8,584	18	12
Addi Arkay	1,140	71	69	61	56	633	250	20	12
Beyeda	159	19	16	23	*	57	39	21	10
Janamora	267	23	*	14	*	153	63	12	17
Debark	1,601	79	113	163	19	892	335	19	14
Dabat	1,067	90	83	98	*	553	239	21	13
Sanja	3,353	207	*	259	681	1,743	347	13	4
Lay Armacheho	950	64	86	190	29	374	207	21	15
Wegera	966	61	115	328	12	223	228	21	13
Gonder Zuria	3,433	168	241	358	72	1,846	748	20	13
Dembia	5,452	249	417	767	185	2,772	1,061	19	14
Chilga	2,920	154	339	457	55	1,107	808	20	13
Metema	7,508	359	514	986	568	3,908	1,171	15	10
Quara	115	4	8	4	6	76	18	14	11
Alefa	4,096	96	257	471	235	2,374	661	20	13
Belesa	1,805	119	68	206	107	917	388	16	11
Gonder	7,752	494	467	819	267	3,685	2,020	19	13
South Gonder Zone	43,178	1,879	2,888	4,815	*	15,876	13,981	21	13
Ebenat	522	10	75	96	*	215	120	21	12
Kemekem	8,343	312	661	1,070	82	4,568	1,649	19	13
Fogera	8,061	347	870	1,193	236	3,669	1,747	20	13
Farta	679	63	43	72	14	189	298	22	12
Lay Gayint	2,380	228	174	352	75	640	911	21	12
Tach Gayint	516	60	43	92	*	163	155	21	13
Simada	952	85	128	185	33	172	350	21	12
Estie	10,932	288	180	398	*	1,248	5,725	21	17
Dera	7,251	287	445	865	100	3,716	1,836	21	12
Debre Tabor	3,543	199	269	494	97	1,295	1,190	23	16
North Wollo Zone	23,348	2,541	1,116	1,882	3,721	7,317	6,772	22	14
Bugna	1,653	196	96	182	33	639	507	21	12
Kobo	7,480	814	538	823	175	3,511	1,620	21	13
Gidan	1,524	218	121	194	24	575	390	23	12
Meket	1,568	179	79	185	57	562	506	23	13
Wadla	782	105	*	33	*	281	310	22	17
Dawuntna Delanta	712	139	49	113	*	147	262	22	12
Habru	9,086	833	163	306	3,368	1,391	3,025	24	19
Weldia	544	57	36	47	41	211	152	22	13
South Wollo Zone	36,360	2,673	1,287	2,534	*	6,552	13,428	26	16
Mekdela	86	*	*	-	-	-	62	27	14
Tenta	1,467	374	36	129	46	161	721	26	17
Kutaber	1,114	135	*	55	26	241	624	25	13
Ambasel	896	101	53	99	26	389	228	29	18
Tehuledere	2,789	231	108	260	62	1,082	1,046	22	12
Werebabu	1,065	139	*	112	40	450	300	26	15
Kalu	2,477	213	186	295	*	1,146	625	22	12
Dessie Zuria	1,101	82	70	141	50	387	372	24	13
Legambo	1,008	240	62	96	35	138	436	25	13
Sayint	361	60	14	*	20	67	186	25	14
Debresina	662	70	54	90	32	128	288	26	16
Kelala	811	143	58	92	36	204	277	26	15
Jama	1,204	87	88	199	32	405	392	32	23
Were Ilu	16,624	359	49	140	*	296	6,432	26	27
Wegde	410	26	51	63	7	141	122	23	13
Kombolcha	1,464	112	166	314	33	386	453	27	17
Dessie	2,822	296	212	436	81	930	866	24	14
North Shewa Zone	39,224	2,856	3,263	4,159	3,543	9,329	16,074	22	14
Middana Weremo	1,787	230	273	254	*	562	457	23	14
Merhabete	12,232	322	*	652	*	1,025	6,208	23	21
Insarona Wayu	838	107	46	56	44	231	353	24	13
Moretna Jiru	864	75	76	193	*	180	332	23	14
Gera Keya	891	102	81	172	*	170	360	28	17
Geshe	422	39	40	82	7	118	137	24	13
Antsokiya Gemza	2,058	191	166	279	48	821	553	24	14
Efratana Gidim	3,710	232	310	526	60	1,659	923	22	13
Lalo Midir	860	114	47	90	10	137	462	23	21
Mojana Wedera	469	53	*	76	20	67	245	20	12

TABLE 7-14-c –(Cont'd)

Geographic Area	Total Poultry	Cocks	Cockarels	Pullets	Non-Laying Hens	Chicks	Laying Hens	Avg. Number of Clutches	Avg. Egg Production/ Hen/Clutch
Tarmaber	1,968	203	143	218	67	507	829	24	13
Kewet	2,902	173	201	447	46	932	1,104	22	13
Asagirt	333	36	16	42	13	80	147	20	10
Angolelana Tera	700	53	50	142	25	177	252	24	13
Ankober	1,713	105	142	197	38	477	753	21	11
Hagere Mariam	424	52	-	53	9	98	196	23	14
Berehet	383	31	28	38	52	153	81	16	11
Minjarna Shenkora	1,479	118	77	138	78	638	430	21	14
Debre Berhane	5,190	618	264	504	254	1,298	2,251	22	14
East Gojam Zone	17,152	1,252	1,323	2,090	1,027	5,686	5,775	28	20
Bibugn	214	8	-	18	28	118	42	28	15
Hulet Ej Enesie	4,022	195	250	566	159	1,838	1,014	23	15
Goncha Siso Enesie	977	64	55	72	26	452	308	36	25
Enebse Sar Midir	708	52	61	80	17	190	307	25	14
Enarj Enawga	905	106	78	117	71	142	389	27	18
Enemay	964	74	76	71	72	259	412	22	16
Debay Telatgen	256	-	41	61	-	-	88	26	19
Machakel	1,149	83	119	128	40	310	470	21	16
Gozamin	375	34	38	-	8	99	162	23	15
Baso Liben	996	94	43	137	-	237	480	27	17
Awabel	1,198	78	146	172	78	376	348	31	22
Dejen	387	29	53	62	44	106	92	49	43
Shebel Berenta	244	34	32	50	30	-	77	32	23
Debre Markos	4,757	379	331	521	439	1,504	1,583	24	18
West Gojam Zone	35,079	1,505	2,583	4,211	673	16,846	9,260	21	15
Achefer	7,615	297	534	905	148	4,205	1,527	19	14
Bahirdar Zuria	5,271	231	415	728	95	2,734	1,069	21	14
Yilmana Densa	3,630	112	232	373	73	2,035	804	20	14
Merawi	5,059	174	417	561	18	2,807	1,082	18	14
Sekela	247	26	-	-	-	-	115	20	14
Kuarit	754	38	-	77	-	444	178	21	15
Dega Damot	46	-	-	-	-	-	19	26	14
Dembecha	2,700	204	200	522	103	722	950	24	16
Jabi Tehnan	7,402	302	496	659	168	2,895	2,881	21	15
Bure Wemberma	2,355	117	267	351	59	925	636	20	16
Wag Hamra Zone	1,995	178	134	186	166	887	445	21	12
Zikuala	116	7	28	31	5	5	40	19	11
Sekota	604	98	35	38	48	168	217	21	12
Dehana	1,275	74	-	117	113	714	187	22	12
Awi Zone	22,804	965	1,484	2,578	565	11,812	5,401	23	16
Dangela	7,529	302	450	793	202	3,931	1,852	21	15
Banja	951	94	75	124	50	173	436	21	14
Ankasha	4,213	98	214	480	89	2,373	959	24	17
Guangua	9,012	396	642	1,022	160	4,977	1,814	20	13
Faggeta Lekoma	1,098	75	104	158	64	359	340	30	22
Oromia Zone	5,198	455	400	820	60	1,715	1,748	24	15
Chefegolana Dawerahimedo	1,761	146	112	307	26	686	482	23	15
Bati	971	109	61	72	17	424	287	29	18
Jile Tumuga	395	41	27	58	-	149	119	20	12
Artuma Fursi	2,071	159	199	382	15	457	859	24	15
Bahirdar Special Zone	28,363	1,192	2,717	4,017	599	13,706	6,133	20	14
Bahirdar	28,363	1,192	2,717	4,017	599	13,706	6,133	20	14

TABLE 7-15: BEEHIVE INVENTORY AND PRODUCTION OF HONEY BY TYPE, 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
Amhara Region	917,460	6,975,787	866,633	1	6,923,821	48,900	1	21,019	1,927	1	*
North Gonder Zone	163,457	1,392,384	151,903	2	1,391,737	11,550	1	*	*	1	
Addi Arkay	13,137	93,067	12,432	1	93,067	705					
Beyeda	3,801	30,088	3,781	1	30,088	*					
Janamora	7,254	*	7,077	1	*	*					
Debark	5,969	36,327	5,328	1	36,327	*					
Dabat	7,948	56,805	7,508	1	56,805	441					
Sanja	5,205	26,033	5,041	2	26,033	*					
Lay Armacheho	6,833	44,067	6,687	2	43,787	*	1	*	*	*	
Wegera	6,611	42,023	6,319	1	42,023	292					
Gonder Zuria	14,635	134,193	13,310	1	134,193	1,325				1	
Dembia	16,083	163,495	14,133	2	163,495	1,949					
Chilga	12,274	107,719	12,096	1	107,719	178					
Metema	4,096	33,912	3,929	2	33,912	*					
Quara	6,714	81,135	6,714	2	81,135						
Alefa	30,467	238,240	29,003	1	238,240	1,464	1			1	
Belesa	18,765	*	18,538	2	*	227	1	*	*	*	
Gonder	3,664	*	8	1	*	3,654					
South Gonder Zone	127,529	897,025	120,361	1	888,878	7,132	1	*	*	1	*
Ebenat	18,943	111,696	18,883	1	111,696	60					
Kemekem	10,653	74,792	9,759	1	74,682	858			*	1	*
Fogera	21,883	119,806	20,377	1	119,806	1,505					
Farta	14,549	*	14,486	1	*	*					
Lay Gayint	5,953	28,490	5,566	2	28,490	387					
Tach Gayint	4,750	14,743	4,750	1	14,743						
Simada	11,561	48,503	11,070	1	48,503	490					
Estie	22,012	157,666	21,442	1	157,666	570					
Dera	16,598	122,245	14,026	1	114,206	2,572	1	*			
Debre Tabor	627	*	*	2	*	626					
North Wollo Zone	61,736	350,797	60,032	1	346,949	1,609	1	*	*	1	*
Bugna	14,695	70,511	14,528	1	70,511	167					
Kobo	5,389	21,905	5,194	1	21,905	195	1				
Gidan	4,286	26,445	3,899	2	26,445	*					
Meket	9,108	63,373	8,607	1	60,617	501	1	*			
Wadla	5,003	24,255	4,891	1	24,255	*					
Dawuntna Delanta	12,597	74,343	12,597	2	74,343						
Guba Lafto	4,712	20,542	4,667	2	20,451						
Habru	5,873	49,423	5,649	1	48,423	174			*	1	*
Weldia	*			2		*			*	1	*
South Wollo Zone	118,399	696,306	114,995	2	695,436	3,403	2	*	*	*	
Mekdela	7,231	29,581	7,231	1	29,581	-					
Tenta	7,047	38,699	6,871	2	38,699	*					
Kutaber	4,356	32,109	4,356	2	32,109						
Ambasel	8,176	53,874	8,010	1	53,810	167	1	*			
Tehuledere	4,845	26,058	4,509	1	26,058	336					
Werebabu	4,489	41,839	4,425	1	41,839	*					
Kalu	5,805	47,208	5,471	1	46,402	334	2	*			
Dessie Zuria	9,010	54,812	8,825	1	54,812	185					
Legambo	3,149	19,278	2,906	2	19,278	*					
Sayint	13,931	56,264	13,823	1	56,264	*					
Debresina	8,630	57,375	8,429	2	57,375	*					
Kelala	20,935	101,971	20,823	2	101,971	*					
Jama	5,345	26,790	5,195	1	26,790	*					
Were Ilu	5,099	42,502	4,810	2	42,502	*	1	*			
Wegde	9,355	67,945	9,310	2	67,945	*					
Kombolcha	467			2		467					
Dessie	529			1		529					
North Shewa Zone	67,939	344,678	61,629	1	333,234	5,519	2	3,701	791	1	7,744
Middana Weremo	4,236	20,644	3,882	1	20,644	*					
Merhabete	4,547	19,653	4,033	1	18,894	512	1	*	*		
Insarona Wayu	2,702	8,726	2,373	2	8,726	329					
Moretna Jiru	1,867	13,632	1,818	1	13,005	*	2	*			
Gera Keya	5,321	26,826	5,083	2	26,826	*					
Geshe	4,499	15,771	4,466	1	15,771	*					

TABLE 7-15-a –(Cont'd)

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Antsokiya Gemza	3,015		2,599			387					
Efratana Gidim	4,317	40,914	3,688		40,053	587					
Lalo Midir	4,947	17,684	4,615		14,882	217					
Mojana Wedera	2,377	5,892	2,314		5,892						
Tarmaber	4,175	14,496	3,937		14,496	240					
Kewet	4,274	14,239	3,056		13,484	1,187					
Asagirt	2,415	14,867	2,307		14,867						
Angolelana Tera	1,725	8,484	1,698		8,484						
Ankober	4,466	16,627	3,923		13,553	245					
Hagere Mariam	2,748		2,689								
Berehet	1,677	7,345	1,634		7,345						
Minjarna Shenkora	2,908	9,908	2,473		8,199	308					
Debre Berhane	604					604					
Basona Werana	5,117	13,785	5,042		13,672						
East Gojam Zone	89,420	644,167	84,517		623,458	4,118					
Bibugn	3,978	44,444	3,931		44,444						
Hulet Ej Enesie	11,625	48,629	10,814		48,629	811					
Goncha Siso Enesie	6,660	75,367	6,372		74,229						
Enebse Sar Midir	5,726	54,898	5,523		53,721						
Enarj Enawga	6,660	42,043	6,160		41,760	460					
Enemay	3,101	20,264	2,994		20,264						
Debay Telatgen	4,654	20,685	4,413		20,685						
Machakel	10,065	81,839	9,217		81,839	848					
Gozamin	10,729	86,630	10,521		86,630	208					
Baso Liben	9,369	44,374	9,232		44,374						
Awabel	5,676	59,211	4,885		41,780						
Dejen	5,387	41,889	5,273		41,210						
Shebel Berenta	5,178	23,873	5,178		23,873						
Debre Markos	610					607					
West Gojam Zone	132,716	1,297,704	125,097		1,294,274	7,484					
Achefer	15,607	133,133	14,700		130,355	837					
Bahirdar Zuria	19,706	126,051	18,591		125,399	1,050					
Yilmana Densa	14,446	78,147	14,256		78,147						
Merawi	20,880	205,198	20,236		205,198	644					
Sekela	4,565	64,011	4,565		64,011						
Kuarit	8,868		8,767								
Dega Damot	7,872	63,871	7,872		63,871						
Dembecha	12,423	128,314	11,307		128,314	1,116					
Jabi Tehnan	15,021	155,769	13,232		155,769	1,788					
Bure Wemberma	13,329	132,171	11,572		132,171	1,757					
Wag Hamra Zone	67,224	659,454	65,595		656,782	1,589					
Zikuala	28,361	387,639	27,784		386,848	577					
Sekota	22,499	129,956	22,408		129,040						
Dehana	16,364	141,859	15,403		140,895	921					
Awi Zone	67,768	537,304	64,354		537,202	3,394					
Dangela	20,872	158,199	19,918		158,199	955					
Banja	4,996	49,168	4,939		49,066						
Ankasha	10,971	99,411	10,971		99,411						
Guangua	26,543	180,529	24,337		180,529	2,205					
Faggeta Lekoma	4,386	49,996	4,188		49,996						
Oromia Zone	18,787	155,968	18,150		155,871	618					
Chefegolana Dawerahimedo	10,310	89,411	10,179		89,411						
Bati	4,221	26,825	4,073		26,728						
Jile Tumuga	1,289	23,457	1,223		23,457						
Artuma Fursi	2,967	16,274	2,674		16,274	292					
Bahirdar Special Zone	2,485					2,485					
Bahirdar	2,485					2,485					

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
Amhara Region	870,322	6,967,150	865,433	1	6,916,873	3,004	1	19,431	1,885	1	*
North Gonder Zone	152,587	1,391,735	151,857	2	1,391,089	*	1	*	*	1	*
Addi Arkay	12,432	93,067	12,432	1	93,067	*	*	*	*	*	*
Beyeda	3,781	30,088	3,781	1	30,088	*	*	*	*	*	*
Janamora	7,240	*	7,077	1	*	*	*	*	*	*	*
Debark	5,706	36,327	5,328	1	36,327	*	*	*	*	*	*
Dabat	7,508	56,805	7,508	1	56,805	*	*	*	*	*	*
Sanja	5,041	26,033	5,041	2	26,033	*	*	*	*	*	*
Lay Armacheho	6,743	44,067	6,687	2	43,787	*	1	*	*	*	*
Wegera	6,319	42,023	6,319	1	42,023	*	*	*	*	*	*
Gonder Zuria	13,343	134,191	13,309	1	134,191	*	*	*	*	1	*
Dembia	14,131	163,475	14,131	2	163,475	*	*	*	*	*	*
Chilga	12,067	107,719	12,067	1	107,719	*	*	*	*	*	*
Metema	3,929	33,912	3,929	2	33,912	*	*	*	*	*	*
Quara	6,714	81,135	6,714	2	81,135	*	*	*	*	*	*
Alefa	28,998	237,780	28,998	1	237,780	*	1	*	*	1	*
Belesa	18,637	*	18,538	2	*	*	1	*	*	*	*
South Gonder Zone	121,436	894,580	120,327	1	886,432	*	1	*	*	1	*
Ebenat	18,883	111,696	18,883	1	111,696	*	*	*	*	*	*
Kemekem	9,791	74,782	9,755	1	74,672	*	*	*	*	1	*
Fogera	20,355	117,906	20,355	1	117,906	*	*	*	*	*	*
Farta	14,486	*	14,486	1	*	*	*	*	*	*	*
Lay Gayint	5,566	28,490	5,566	2	28,490	*	*	*	*	*	*
Tach Gayint	4,750	14,743	4,750	1	14,743	*	*	*	*	*	*
Simada	11,070	48,503	11,070	1	48,503	*	*	*	*	*	*
Estie	21,442	157,666	21,442	1	157,666	*	*	*	*	*	*
Dera	15,091	121,715	14,019	1	113,677	*	1	*	*	*	*
North Wollo Zone	60,488	350,797	60,032	1	346,949	361	1	*	*	1	*
Bugna	14,528	70,511	14,528	1	70,511	*	*	*	*	*	*
Kobo	5,194	21,905	5,194	1	21,905	*	*	*	*	*	*
Gidan	3,899	26,445	3,899	2	26,445	*	*	*	*	*	*
Meket	8,968	63,373	8,607	1	60,617	361	1	*	*	*	*
Wadla	4,891	24,255	4,891	1	24,255	*	*	*	*	*	*
Dawuntna Delanta	12,597	74,343	12,597	2	74,343	*	*	*	*	*	*
Guba Lafto	4,712	20,542	4,667	2	20,451	*	*	*	*	*	*
Habru	5,699	49,423	5,649	1	48,423	*	*	*	*	1	*
South Wollo Zone	115,119	696,272	114,993	2	695,401	*	2	*	*	1	*
Mekdela	7,231	29,581	7,231	1	29,581	*	*	*	*	*	*
Tenta	6,871	38,699	6,871	2	38,699	*	*	*	*	*	*
Kutaber	4,356	32,109	4,356	2	32,109	*	*	*	*	*	*
Ambasel	8,078	53,874	8,010	1	53,810	*	1	*	*	*	*
Tehuledere	4,509	26,058	4,509	1	26,058	*	*	*	*	*	*
Werebabu	4,425	41,839	4,425	1	41,839	*	*	*	*	*	*
Kalu	5,528	47,208	5,471	2	46,402	*	2	*	*	*	*
Dessie Zuria	8,825	54,812	8,825	1	54,812	*	*	*	*	*	*
Legambo	2,906	19,278	2,906	2	19,278	*	*	*	*	*	*
Sayint	13,823	56,264	13,823	1	56,264	*	*	*	*	*	*
Debresina	8,429	57,375	8,429	2	57,375	*	*	*	*	*	*
Kelala	20,821	101,939	20,821	2	101,939	*	*	*	*	*	*
Jama	5,195	26,790	5,195	1	26,790	*	*	*	*	*	*
Were Ilu	4,809	42,500	4,809	2	42,500	*	*	*	*	*	*
Wegde	9,310	67,945	9,310	2	67,945	*	*	*	*	*	*
North Shewa Zone	62,667	343,089	61,625	1	333,232	*	2	*	775	1	7,744
Middana Weremo	3,881	20,642	3,881	1	20,642	*	*	*	*	*	*
Merhabete	4,033	18,894	4,033	1	18,894	*	*	*	*	*	*
Insarona Wayu	2,373	8,726	2,373	2	8,726	*	*	*	*	*	*
Moretna Jiru	1,839	13,632	1,818	1	13,005	*	2	*	*	*	*
Gera Keya	5,083	26,826	5,083	2	26,826	*	*	*	*	*	*
Geshe	4,466	15,771	4,466	1	15,771	*	*	*	*	*	*
Antsokiya Gemza	2,619	*	2,599	2	*	*	*	*	*	2	*
Efratana Gidim	3,731	40,914	3,688	1	40,053	*	*	*	*	2	*
Lalo Midir	4,759	17,684	4,615	1	14,882	*	*	*	*	1	*
Mojana Wedera	2,314	5,892	2,314	1	5,892	*	*	*	*	*	*
Tarmaber	3,937	14,496	3,937	2	14,496	*	*	*	*	1	*
Kewet	3,204	13,999	3,056	1	13,484	*	*	*	*	*	*

TABLE 7-15-b –(Cont'd)

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Asagirt	2,377	14,867	2,307	1	14,867						
Angolelana Tera	1,695	8,484	1,695	2	8,484						
Ankober	4,316	16,627	3,923	1	13,553						
Hagere Mariam	2,689	-	2,689	1	-						
Berehet	1,634	7,345	1,634	1	7,345						
Minjarna Shenkora	2,601	9,908	2,473	1	8,199						
Basona Werana	5,117	13,785	5,042	1	13,672						
East Gojam Zone	85,497	644,072	84,504	1	623,363						
Bibugn	3,931	44,444	3,931	1	44,444						
Hulet Ej Enesie	10,814	48,629	10,814	1	48,629						
Goncha Siso Enesie	6,461	75,367	6,372	1	74,229						
Enebse Sar Midir	5,562	54,898	5,523	2	53,721						
Enarj Enawga	6,200	42,043	6,160	1	41,760						
Enemay	2,994	20,264	2,994	1	20,264						
Debay Telatgen	4,408	20,623	4,408	1	20,623						
Machakel	9,216	81,831	9,216	1	81,831						
Gozamin	10,521	86,630	10,521	2	86,630						
Baso Liben	9,232	44,374	9,232	1	44,374						
Awabel	5,623	59,208	4,884	1	41,777						
Dejen	5,357	41,885	5,272	1	41,207						
Shebel Berenta	5,178	23,873	5,178	1	23,873						
West Gojam Zone	125,187	1,297,327	125,052	1	1,293,896						
Achefer	14,770	133,133	14,700	1	130,355						
Bahirdar Zuria	18,644	125,988	18,579	1	125,335						
Yilmana Densa	14,244	78,077	14,244	1	78,077						
Merawi	20,236	205,198	20,236	1	205,198						
Sekela	4,565	64,011	4,565	2	64,011						
Kuarit	8,767	-	8,767	2	-						
Dega Damot	7,872	63,871	7,872	1	63,871						
Dembecha	11,304	128,314	11,304	1	128,314						
Jabi Tehnan	13,215	155,653	13,215	1	155,653						
Bure Wemberma	11,570	132,043	11,570	2	132,043						
Wag Hamra Zone	65,164	657,091	64,920	1	654,420						
Zikuala	27,861	387,611	27,782	1	386,820						
Sekota	21,826	127,621	21,735	1	126,706						
Dehana	15,477	141,859	15,403	1	140,895						
Awi Zone	64,008	536,220	63,972	2	536,220						
Dangela	19,918	158,199	19,918	1	158,199						
Banja	4,709	48,660	4,673	1	48,660						
Ankasha	10,867	98,977	10,867	1	98,977						
Guangua	24,326	180,387	24,326	2	180,387						
Faggeta Lekoma	4,188	49,996	4,188	1	49,996						
Oromia Zone	18,169	155,968	18,150	2	155,871						
Chefegolana Dawerahimedo	10,179	89,411	10,179	2	89,411						
Bati	4,093	26,825	4,073	1	26,728						
Jile Tumuga	1,223	23,457	1,223	2	23,457						
Artuma Fursi	2,674	16,274	2,674	2	16,274						

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
Amhara Region	47,138	8,637	1,200	1	6,948	45,896	1	*	*	1	*
North Gonder Zone	10,870	*	*	2	*	10,820	1		*		
Addi Arkay	705			1		705					
Beyeda	*			1		*					
Janamora	*			1		*					
Debark	264			1		264					
Dabat	441			1		441					
Sanja	*			2		*					
Lay Armacheho	*			1		*	1		*		
Wegera	292			1		292					
Gonder Zuria	1,292	*	*	1	*	1,291					
Dembia	1,952	*	*	2	*	1,949					
Chilga	207		*	1		178					
Metema	*			2		*					
Quara											
Alefa	1,469	*	*	2	*	1,464					
Belesa	*			2		*					
Gonder	3,664	*	8	1	*	3,654			*		
South Gonder Zone	6,093	*	*	1	*	6,060					
Ebenat	60			1		60					
Kemekem	862	*	*	1	*	858					
Fogera	1,527	*	*	1	*	1,505					
Farta	*			1		*					
Lay Gayint	387			2		387					
Tach Gayint											
Simada	490			1		490					
Estie	570			1		570					
Dera	1,507	*	*	1	*	1,501					
Debre Tabor	627	*	*	2	*	626					
North Wollo Zone	1,248			1		1,248	1				
Bugna	167			1		167					
Kobo	195			2		195	1				
Gidan	*			1		*					
Meket	*			2		*					
Wadla	*			2		*					
Dawuntna Delanta											
Habru	174			1		174					
Weldia	*			2		*					
South Wollo Zone	3,281	*	*	1	*	3,277	1		*		
Mekdela											
Tenta	*			2		*					
Kutaber											
Ambasel	*			1		*					
Tehuledere	336			1		336					
Werebabu	*			1		*					
Kalu	276			1		276					
Dessie Zuria	185			1		185					
Legambo	*			2		*					
Sayint	*			2		*					
Debresina	*			2		*					
Kelala	*	*	*	2	*	*					
Jama	*			1		*					
Were Ilu	*	*	*	1	*	*	1		*		
Wegde	*			1		*					
Kombolcha	467			2		467					
Dessie	529			1		529					
North Shewa Zone	5,271	*	*	2	*	5,252	2	*	*	1	
Middana Weremo	*	*	*	1	*	*					
Merhabete	514	*		1		512	1	*	*		
Insarona Wayu	329			1		329					
Moretna Jiru	*			1		*					
Gera Keya	*			2		*					
Geshe	*			3		*					
Antsokiya Gemza	396	*		2		387	2	*	*	1	
Efratana Gidim	587			2		587					

TABLE 7-15-c –(Cont'd)

Geographic Area	All Beehives		Traditional Beehives			Intermediate Beehives			Modern Beehives		
	Number of hives	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production	Number of hives	Avg. frequency of production	Total annual honey production
Lalo Midir	*			1		*					
Mojana Wedera	*			1		*					
Tarmaber	240			2		240				1	
Kewet	1,069	*		1		1,064	2	*	*	1	
Asagirt	*			1		*					
Angolelana Tera	*		*	1		*				1	
Ankober	150			2		150					
Hagere Mariam	*			2		*					
Berehet	*			1		*					
Minjarna Shenkora	308			3		308					
Debre Berhane	604			1		604					
East Gojam Zone	3,923	*	*	2	*	3,911				1	
Bibugn	*			2		*					
Hulet Ej Enesie	811			1		811				1	
Goncha Siso Enesie	*			2		*				2	
Enebse Sar Midir	*			2		*					
Enarj Enawga	460			2		460				1	
Enemay	*			2		*					
Debay Telatgen	*	*	*	2	*	*				1	
Machakel	849	*	*	1	*	848					
Gozamin	208			2		208					
Baso Liben	*			3		*					
Awabel	*	*	*	2	*	*					
Dejen	*	*	*	1	*	*					
Shebel Berenta											
Debre Markos	610	*	*	2	*	607					
West Gojam Zone	7,529	378	45	1	378	7,484				1	
Achefer	837			1		837				1	
Bahirdar Zuria	1,062	*	*	1	*	1,050					
Yilmana Densa	*	*	*	1	*	*					
Merawi	644			1		644					
Sekela											
Kuarit	*			1		*					
Dega Damot											
Dembecha	1,119		*	1		1,116					
Jabi Tehnan	1,806	*	*	1	*	1,788				1	
Bure Wemberma	1,759	*	*	2	*	1,757					
Wag Hamra Zone	2,059	*	675	1	*	1,384	1	*	*	1	
Zikuala	500	28	2	2	28	498					
Sekota	672	*	672	1	*						
Dehana	887			1		886	1	*	*	1	
Awi Zone	3,760	1,084	382	2	982	3,358			*	1	*
Dangela	955			1		955					
Banja	287	*	266	2	*				*	1	*
Ankasha	*	*	*	1	*						
Guangua	2,217	*	*	2	*	2,205				1	
Faggeta Lekoma	*			2		*					
Oromia Zone	618			2		618					
Chefegolana Dawerahimedo	*			2		*					
Bati	*			2		*					
Jile Tumuga	*			2		*					
Artuma Fursi	292			2		292					
Bahirdar Special Zone	2,485			1		2,485					
Bahirdar	2,485			1		2,485					

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 Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Amhara Region	1,062,227	1,927,861	1.222	8	492,964,417	•	•	-	-	•
North Gonder Zone	228,923	346,275	1.192	9	87,312,962	-	-	-	-	-
Addi Arkay	13,031	16,193	1.384	7	5,139,514	-	-	-	-	-
Beyeda	3,861	5,821	1.311	7	1,458,836	-	-	-	-	-
Janamora	4,355	10,706	0.772	7	1,435,996	-	-	-	-	-
Debark	4,392	16,954	1.138	9	4,174,590	-	-	-	-	-
Dabat	4,033	20,034	0.934	10	3,802,552	-	-	-	-	-
Sanja	39,533	42,762	1.397	7	10,992,913	-	-	-	-	-
Lay Armacheho	8,215	17,288	1.29	9	5,255,051	-	-	-	-	-
Wegera	13,018	21,030	1.001	9	4,730,700	-	-	-	-	-
Gonder Zuria	15,660	22,841	1.399	11	6,516,036	-	-	-	-	-
Dembia	27,651	27,727	1.385	10	10,069,986	-	-	-	-	-
Chilga	5,161	31,047	0.944	8	5,760,109	-	-	-	-	-
Metema	22,794	20,626	1.593	5	4,608,409	-	-	-	-	-
Quara	12,714	14,304	1.471	6	3,028,355	-	-	-	-	-
Alefa	35,896	48,165	1.213	9	12,453,842	-	-	-	-	-
Belesa	17,542	29,235	0.892	11	6,387,726	-	-	-	-	-
Gonder	1,068	1,544	3.468	9	1,498,346	-	-	-	-	-
South Gonder Zone	140,011	213,332	1.039	8	47,299,890	-	-	-	-	-
Ebenat	16,930	16,291	0.814	7	2,619,590	-	-	-	-	-
Kemekem	20,038	19,226	1.01	10	5,301,527	-	-	-	-	-
Fogera	34,323	33,740	1.098	10	10,269,224	-	-	-	-	-
Farta	10,549	26,333	1.266	9	6,242,359	-	-	-	-	-
Lay Gayint	10,033	17,069	1.176	6	3,408,606	-	-	-	-	-
Tach Gayint	4,573	7,871	0.861	5	1,164,823	-	-	-	-	-
Simada	9,573	20,360	1.038	5	3,302,550	-	-	-	-	-
Estie	11,952	39,563	1.011	7	7,558,303	-	-	-	-	-
Dera	21,561	32,314	0.896	8	7,115,307	-	-	-	-	-
Debre Tabor	478	564	2.784	8	317,603	-	-	-	-	-
North Wollo Zone	80,500	197,473	1.413	7	56,013,059	•	-	-	-	-
Bugna	11,213	26,651	1.143	7	5,179,829	-	-	-	-	-
Kobo	5,854	27,197	1.326	8	8,193,603	•	-	-	-	-
Gidan	9,680	18,886	1.453	7	5,119,901	-	-	-	-	-
Meket	14,677	28,216	1.51	6	7,800,226	-	-	-	-	-
Wadla	10,518	18,390	1.636	7	5,617,159	-	-	-	-	-
Dawuntna Delanta	10,517	26,940	1.417	7	7,133,473	-	-	-	-	-
Guba Lafto	7,533	21,042	1.314	7	4,814,220	-	-	-	-	-
Habru	10,420	30,071	1.548	8	12,125,453	-	-	-	-	-
Weldia	86	81	1.839	6	29,195	-	-	-	-	-
South Wollo Zone	205,251	321,372	1.497	7	92,760,227	-	-	-	-	-
Mekdela	21,411	19,436	1.489	6	4,666,815	-	-	-	-	-
Tenta	18,573	23,973	1.475	7	6,468,166	-	-	-	-	-
Kutaber	10,914	14,177	1.703	8	4,525,421	-	-	-	-	-
Ambasel	8,656	14,105	1.595	7	4,670,455	-	-	-	-	-
Tehuledere	11,870	15,442	1.527	9	4,491,487	-	-	-	-	-
Werebabu	11,390	13,557	1.829	8	6,143,461	-	-	-	-	-
Kalu	17,678	25,583	1.292	8	6,152,228	-	-	-	-	-
Dessie Zuria	27,294	43,715	1.651	7	14,528,023	-	-	-	-	-
Legambo	5,021	21,273	1.695	7	6,628,559	-	-	-	-	-
Sayint	14,672	28,530	1.55	7	7,289,387	-	-	-	-	-
Debresina	6,934	15,914	1.302	7	4,043,518	-	-	-	-	-
Kelala	20,836	27,036	1.039	8	6,061,996	-	-	-	-	-
Jama	4,067	17,424	1.305	8	4,482,064	-	-	-	-	-
Were Ilu	16,575	21,010	1.889	7	7,953,015	-	-	-	-	-
Wegde	8,830	19,577	0.977	8	4,226,297	-	-	-	-	-
Kombolcha	95	173	1.808	7	91,310	-	-	-	-	-
Dessie	435	450	3.56	7	338,027	-	-	-	-	-
North Shewa Zone	83,015	160,348	1.217	8	38,283,318	-	-	-	-	-
Middana Weremo	192	9,811	0.874	8	1,983,241	-	-	-	-	-
Merhabete	1,006	7,045	0.628	7	749,563	-	-	-	-	-

TABLE 7-16-a –(Cont'd)

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Insarona Wayu	4,176	11,162	1.215	7	3,186,128					
Moretna Jiru	1,260	4,303	0.895	6	651,828					
Gera Keya	5,339	11,622	1.333	8	3,009,484					
Geshe	1,525	5,642	1.128	8	1,208,196					
Antsokiya Gemza	2,483	4,689	1.087	7	1,010,116					
Efratana Gidim	5,744	9,523	1.108	8	2,073,315					
Lalo Midir	8,345	12,979	1.225	8	2,898,718					
Mojana Wedera	1,218	6,846	1.128	8	1,418,381					
Tarmaber	5,434	6,343	1.175	8	1,283,797					
Kewet	3,102	12,526	1.186	8	2,360,284					
Asagirt	7,245	7,062	1.076	7	1,343,850					
Angolelana Tera	11,863	16,762	1.512	9	5,906,455					
Ankober	4,561	5,674	1.053	7	1,067,438					
Hagere Mariam	1,903	4,395	2.861	7	•					
Berehet	3,455	3,061	1.008	8	661,400					
Minjarna Shenkora	4,271	5,456	0.973	7	1,035,180					
Debre Berhane	1,086	1,152	5.625	9	1,528,766					
Basona Werana	8,807	14,296	1.192	7	3,283,235					
East Gojam Zone	135,404	152,466	1.193	8	41,597,828					
Bibugn	151	4,489	0.974	7	900,273					
Hulet Ej Enesie	17,880	14,399	0.756	8	2,535,005					
Goncha Siso Enesie	7,400	12,563	0.883	8	2,431,068					
Enebse Sar Midir	4,213	5,056	0.964	6	811,585					
Enarj Enawga	6,143	8,269	0.941	7	1,501,723					
Enemay	4,727	9,124	0.828	8	1,824,098					
Debay Telatgen	16,251	14,057	1.032	8	3,214,406					
Machakel	14,990	15,686	3.343	9	•					
Gozamin	25,362	23,863	1.282	8	5,867,639					
Baso Liben	9,962	10,402	0.806	8	2,183,035					
Awabel	16,252	20,950	0.89	9	4,581,151					
Dejen	6,267	5,802	1.048	9	1,379,166					
Shebel Berenta	3,968	6,284	0.634	8	884,641					
Debre Markos	1,839	1,522	1.513	8	512,229					
West Gojam Zone	41,197	245,383	0.916	9	51,387,129					
Achefer	7,310	44,655	0.83	10	9,106,853					
Bahirdar Zuria	4,519	39,612	1.007	10	9,827,732					
Yilmana Densa	7,266	26,948	0.921	9	5,391,327					
Merawi	9,039	37,327	0.879	10	8,694,827					
Sekela	3,425	18,758	1.158	7	4,351,427					
Kuarit	1,687	15,409	0.948	7	2,564,107					
Dega Damot	2,183	10,486	0.809	6	1,420,591					
Dembecha	379	16,141	0.805	8	2,974,093					
Jabi Tehnan	2,730	16,626	0.92	8	3,021,731					
Bure Wemberma	2,659	19,421	0.837	9	4,034,440					
Wag Hamra Zone	69,783	80,260	1.097	7	20,340,775					
Zikuala	•	34,790	1.4	6	•					
Sekota	20,547	29,760	0.987	8	6,229,990					
Dehana	5,187	15,710	1.057	6	2,428,579					
Awi Zone	26,378	126,195	1.216	9	33,575,363					
Dangela	8,277	30,144	1.207	10	10,727,200					
Banja	2,840	27,001	1.037	8	5,675,597					
Ankasha	3,167	22,161	0.967	8	4,431,915					
Guangua	6,592	30,973	1.776	9	9,516,253					
Faggeta Lekoma	5,502	15,915	0.983	9	3,224,398					
Oromia Zone	49,799	82,183	1.225	8	23,009,934	•	•			•
Chefegolana Dawerahimedo	24,405	31,453	1.202	8	8,371,071					
Bati	11,636	20,827	1.555	8	7,154,058					
Jile Tumuga	7,009	14,940	1.1	9	4,528,906	•	•			•
Artuma Fursi	6,749	14,963	0.964	9	2,955,900					
Bahirdar Special Zone	1,965	2,575	2.539	8	1,383,931					
Bahirdar	1,965	2,575	2.539	8	1,383,931					

b) Rural Holdings

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Amhara Region	1,031,765	1,885,422	1.21	8	476,858,720	•	•	-	-	•
North Gonder Zone	222,679	338,186	1.176	9	83,958,032	-	-	-	-	-
Addi Arkay	12,589	15,623	1.384	7	4,984,972	-	-	-	-	-
Beyeda	3,843	5,790	1.311	7	1,453,364	-	-	-	-	-
Janamora	4,293	10,645	0.769	7	1,424,440	-	-	-	-	-
Debark	4,161	16,638	1.117	9	4,036,289	-	-	-	-	-
Dabat	3,878	19,813	0.928	10	3,737,885	-	-	-	-	-
Sanja	38,854	42,345	1.391	7	10,876,600	-	-	-	-	-
Lay Armacheho	8,116	17,185	1.288	9	5,215,973	-	-	-	-	-
Wegera	12,761	20,590	0.976	9	4,536,259	-	-	-	-	-
Gonder Zuria	15,417	22,384	1.401	11	6,400,024	-	-	-	-	-
Dembia	27,050	26,938	1.376	10	9,761,752	-	-	-	-	-
Chilga	4,971	30,755	0.936	8	5,631,908	-	-	-	-	-
Metema	21,163	18,693	1.628	5	4,245,870	-	-	-	-	-
Quara	12,695	14,277	1.472	6	3,023,670	-	-	-	-	-
Alefa	35,467	47,550	1.214	9	12,285,103	-	-	-	-	-
Belesa	17,422	28,959	0.89	11	6,343,924	-	-	-	-	-
South Gonder Zone	136,478	208,974	1.028	8	45,759,859	-	-	-	-	-
Ebenat	16,870	16,211	0.813	7	2,599,097	-	-	-	-	-
Kemekem	19,377	18,515	0.989	10	5,071,629	-	-	-	-	-
Fogera	33,616	32,884	1.09	10	9,953,760	-	-	-	-	-
Farta	10,309	26,073	1.263	9	6,162,005	-	-	-	-	-
Lay Gayint	9,747	16,699	1.162	6	3,278,380	-	-	-	-	-
Tach Gayint	4,519	7,776	0.854	5	1,143,631	-	-	-	-	-
Simada	9,448	20,221	1.036	5	3,265,569	-	-	-	-	-
Estie	11,571	38,983	1.005	6	7,350,839	-	-	-	-	-
Dera	21,020	31,613	0.889	8	6,934,949	-	-	-	-	-
North Wollo Zone	79,307	194,823	1.409	7	55,186,870	•	-	-	-	-
Bugna	11,024	26,426	1.141	7	5,127,070	-	-	-	-	-
Kobo	5,672	26,058	1.327	8	7,891,936	•	-	-	-	-
Gidan	9,585	18,645	1.428	7	4,998,251	-	-	-	-	-
Meket	14,476	28,023	1.509	6	7,739,603	-	-	-	-	-
Wadla	10,444	18,278	1.633	7	5,568,209	-	-	-	-	-
Dawuntna Delanta	10,392	26,791	1.415	7	7,084,747	-	-	-	-	-
Guba Lafto	7,533	21,042	1.314	7	4,814,220	-	-	-	-	-
Habru	10,180	29,560	1.548	8	11,962,834	-	-	-	-	-
South Wollo Zone	202,598	317,529	1.492	7	91,349,936	-	-	-	-	-
Mekdela	21,347	19,371	1.49	6	4,652,145	-	-	-	-	-
Tenta	18,274	23,583	1.478	7	6,378,700	-	-	-	-	-
Kutaber	10,720	13,993	1.697	7	4,431,260	-	-	-	-	-
Ambasel	8,597	14,010	1.591	7	4,626,381	-	-	-	-	-
Tehuledere	11,659	15,082	1.525	9	4,388,604	-	-	-	-	-
Werebabu	11,312	13,420	1.832	8	6,101,682	-	-	-	-	-
Kalu	17,625	25,193	1.295	8	6,089,236	-	-	-	-	-
Dessie Zuria	27,203	43,580	1.65	7	14,477,412	-	-	-	-	-
Legambo	4,924	21,095	1.696	7	6,577,374	-	-	-	-	-
Sayint	14,557	28,397	1.547	7	7,244,280	-	-	-	-	-
Debresina	6,751	15,702	1.29	7	3,952,791	-	-	-	-	-
Kelala	20,657	26,760	1.035	8	5,984,681	-	-	-	-	-
Jama	3,913	17,208	1.298	8	4,404,740	-	-	-	-	-
Were Ilu	16,293	20,661	1.889	7	7,838,649	-	-	-	-	-
Wegde	8,768	19,472	0.976	8	4,202,001	-	-	-	-	-
North Shewa Zone	79,810	155,324	1.171	8	35,471,801	-	-	-	-	-
Middana Weremo	•	9,563	0.864	8	1,935,025	-	-	-	-	-
Merhabete	861	6,747	0.596	7	683,513	-	-	-	-	-
Insarona Wayu	3,951	10,875	1.196	7	3,034,386	-	-	-	-	-
Moretna Jiru	1,169	4,170	0.848	6	600,570	-	-	-	-	-

TABLE 7-16-b –(Cont'd)

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Gera Keya	5,234	11,428	1.303	8	2,889,648	-	-	-	-	-
Geshe	1,516	5,617	1.125	8	1,198,602	-	-	-	-	-
Antsokiya Gemza	2,429	4,542	1.084	7	957,291	-	-	-	-	-
Efratana Gidim	5,534	8,933	1.108	8	1,948,479	-	-	-	-	-
Lalo Midir	8,202	12,781	1.214	8	2,833,719	-	-	-	-	-
Mojana Wedera	1,184	6,788	1.126	8	1,406,453	-	-	-	-	-
Tarmaber	5,188	5,990	1.123	8	1,164,870	-	-	-	-	-
Kewet	2,893	11,947	1.169	8	2,217,771	-	-	-	-	-
Asagirt	7,190	6,983	1.075	7	1,327,398	-	-	-	-	-
Angolelana Tera	11,530	16,368	1.476	9	5,685,561	-	-	-	-	-
Ankober	4,499	5,558	1.043	7	1,038,331	-	-	-	-	-
Hagere Mariam	1,852	4,347	2.87	7	•	-	-	-	-	-
Berehet	3,438	3,045	1	8	651,065	-	-	-	-	-
Minjarna Shenkora	4,181	5,346	0.964	7	1,008,464	-	-	-	-	-
Basona Werana	8,807	14,296	1.192	7	3,283,235	-	-	-	-	-
East Gojam Zone	130,657	147,832	1.189	8	40,190,078	-	-	-	-	-
Bibugn	151	4,454	0.962	7	883,053	-	-	-	-	-
Hulet Ej Enesie	17,463	13,988	0.75	8	2,431,923	-	-	-	-	-
Goncha Siso Enesie	7,202	12,402	0.884	8	2,398,974	-	-	-	-	-
Enebse Sar Midir	3,991	4,831	0.955	6	755,445	-	-	-	-	-
Enarj Enawga	5,873	7,983	0.919	7	1,406,583	-	-	-	-	-
Enemay	4,396	8,650	0.803	8	1,676,547	-	-	-	-	-
Debay Telatgen	16,119	13,943	1.033	8	3,189,483	-	-	-	-	-
Machakel	14,617	15,240	3.391	9	•	-	-	-	-	-
Gozamin	25,229	23,717	1.284	8	5,843,603	-	-	-	-	-
Baso Liben	9,735	10,173	0.805	8	2,139,131	-	-	-	-	-
Awabel	15,895	20,574	0.881	9	4,428,371	-	-	-	-	-
Dejen	6,064	5,652	1.028	9	1,320,303	-	-	-	-	-
Shebel Berenta	3,921	6,223	0.632	8	872,071	-	-	-	-	-
West Gojam Zone	37,156	239,464	0.909	9	49,705,704	-	-	-	-	-
Achefer	7,027	43,905	0.828	10	8,935,687	-	-	-	-	-
Bahirdar Zuria	4,055	38,965	0.995	10	9,574,958	-	-	-	-	-
Yilmana Densa	6,814	26,476	0.91	9	5,201,485	-	-	-	-	-
Merawi	8,294	36,466	0.87	10	8,398,508	-	-	-	-	-
Sekela	3,326	18,571	1.154	7	4,280,083	-	-	-	-	-
Kuarit	1,687	15,349	0.948	7	2,552,262	-	-	-	-	-
Dega Damot	2,179	10,421	0.808	6	1,408,641	-	-	-	-	-
Dembecha	•	15,461	0.805	8	2,857,875	-	-	-	-	-
Jabi Tehnan	•	15,227	0.9	8	2,683,330	-	-	-	-	-
Bure Wemberma	2,186	18,625	0.818	9	3,812,875	-	-	-	-	-
Wag Hamra Zone	69,385	79,777	1.096	7	20,222,734	-	-	-	-	-
Zikuala	•	34,700	1.4	6	•	-	-	-	-	-
Sekota	20,344	29,440	0.985	8	6,151,178	-	-	-	-	-
Dehana	5,083	15,636	1.057	6	2,416,509	-	-	-	-	-
Awi Zone	24,429	122,361	1.204	9	32,321,668	-	-	-	-	-
Dangela	7,602	29,121	1.178	10	10,280,103	-	-	-	-	-
Banja	2,631	26,240	1.027	8	5,468,839	-	-	-	-	-
Ankasha	2,808	21,505	0.952	8	4,217,134	-	-	-	-	-
Guangua	6,157	29,986	1.795	9	9,256,737	-	-	-	-	-
Faggeta Lekoma	5,230	15,509	0.969	9	3,098,855	-	-	-	-	-
Oromia Zone	49,267	81,154	1.222	8	22,692,037	•	•	-	-	•
Chefegolana Dawerahimedo	24,059	30,909	1.199	8	8,204,914	-	-	-	-	-
Bati	11,569	20,724	1.556	8	7,121,384	-	-	-	-	-
Jile Tumuga	6,965	14,753	1.101	9	4,494,028	•	•	-	-	•
Artuma Fursi	6,674	14,768	0.947	9	2,871,711	-	-	-	-	-

c) Urban Holdings

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Amhara Region	30,463	42,439	1.809	8	16,105,697					
North Gonder Zone	6,244	8,089	1.882	8	3,354,930					
Addi Arkay	442	571	1.392	7	154,542					
Beyeda	18	31	1.36	9	5,472					
Janamora	62	61	1.149	9	11,556					
Debark	231	316	2.205	8	138,301					
Dabat	154	220	1.427	9	64,668					
Sanja	679	417	1.956	8	116,313					
Lay Armacheho	99	103	1.562	9	39,078					
Wegera	257	439	2.014	9	194,441					
Gonder Zuria	243	457	1.334	10	116,013					
Dembia	602	789	1.675	9	308,235					
Chilga	190	291	1.691	9	128,201					
Metema	1,631	1,933	1.366	4	362,539					
Quara	19	26	1.136	6	4,685					
Alefa	429	615	1.135	10	168,739					
Belesa	120	275	1.254	11	43,802					
Gonder	1,068	1,544	3.468	9	1,498,346					
South Gonder Zone	3,533	4,358	1.635	8	1,540,031					
Ebenat	60	80	1.216	7	20,492					
Kemekem	661	712	1.601	9	229,897					
Fogera	706	857	1.436	10	315,464					
Farta	240	260	1.593	8	80,354					
Lay Gayint	286	370	1.768	7	130,226					
Tach Gayint	55	96	1.413	8	21,193					
Simada	125	139	1.231	7	36,981					
Estie	381	580	1.503	8	207,464					
Dera	541	701	1.168	8	180,358					
Debre Tabor	478	564	2.784	8	317,603					
North Wollo Zone	1,193	2,651	1.676	7	826,189					
Bugna	189	226	1.354	8	52,759					
Kobo	182	1,139	1.299	8	301,667					
Gidan	96	241	3.471	7	121,650					
Meket	201	193	1.61	7	60,623					
Wadla	74	111	2.255	9	48,950					
Dawuntna Delanta	125	149	1.74	7	48,726					
Habru	240	511	1.542	7	162,620					
Weldia	86	81	1.839	6	29,195					
South Wollo Zone	2,653	3,843	1.871	7	1,410,291					
Mekdela	65	65	1.255	6	14,669					
Tenta	299	390	1.312	6	89,465					
Kutaber	195	184	2.188	9	94,161					
Ambasel	59	94	2.215	7	44,074					
Tehuledere	210	359	1.628	7	102,883					
Werebabu	78	136	1.586	8	41,779					
Kalu	53	390	1.085	7	62,992					
Dessie Zuria	91	134	1.88	7	50,611					
Legambo	97	178	1.625	7	51,185					
Sayint	115	132	2.169	6	45,107					
Debresina	183	212	2.116	8	90,727					
Kelala	179	276	1.409	8	77,315					
Jama	155	215	1.812	8	77,324					
Were Ilu	283	349	1.914	7	114,366					
Wegde	62	105	1.174	8	24,296					
Kombolcha	95	173	1.808	7	91,310					
Dessie	435	450	3.56	7	338,027					
North Shewa Zone	3,205	5,024	2.646	8	2,811,517					
Middana Weremo	38	248	1.242	8	48,216					
Merhabete	145	298	1.347	8	66,051					

TABLE 7-16-c –(Cont'd)

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Imsarona Wayu	225	286	1.996	8	151,742	-	-	-	-	-
Moretna Jiru	91	132	2.364	8	51,259	-	-	-	-	-
Gera Keya	105	193	2.852	9	119,837	-	-	-	-	-
Geshe	9	25	1.823	9	9,594	-	-	-	-	-
Antsokiya Gemza	54	147	1.198	7	*	-	-	-	-	-
Efratana Gidim	211	590	1.108	8	124,836	-	-	-	-	-
Lalo Midir	143	198	1.93	9	64,998	-	-	-	-	-
Mojana Wedera	34	58	1.326	8	11,928	-	-	-	-	-
Tarmaber	246	352	1.985	8	118,927	-	-	-	-	-
Kewet	209	579	1.558	8	142,513	-	-	-	-	-
Asagirt	55	79	1.214	8	16,452	-	-	-	-	-
Angolelana Tera	333	394	2.774	9	220,894	-	-	-	-	-
Ankober	63	116	1.523	8	29,107	-	-	-	-	-
Hagere Mariam	51	48	2.073	8	16,520	-	-	-	-	-
Berehet	17	17	3.085	7	*	-	-	-	-	-
Minjarna Shenkora	91	111	1.341	7	26,717	-	-	-	-	-
Debre Berhane	1,086	1,152	5.625	9	1,528,766	-	-	-	-	-
East Gojam Zone	4,747	4,634	1.351	8	1,407,749	-	-	-	-	-
Bibugn	-	35	1.906	7	17,221	-	-	-	-	-
Hulet Ej Enesie	417	411	1.023	8	103,081	-	-	-	-	-
Goncha Siso Enesie	198	160	0.798	9	32,094	-	-	-	-	-
Enebse Sar Midir	222	225	1.21	8	56,139	-	-	-	-	-
Enarj Enawga	270	286	1.624	8	95,140	-	-	-	-	-
Enemay	331	474	1.376	8	147,551	-	-	-	-	-
Debay Telatgen	132	114	1.011	8	24,924	-	-	-	-	-
Machakel	374	446	1.239	9	127,217	-	-	-	-	-
Gozamin	133	146	1.01	8	24,036	-	-	-	-	-
Baso Liben	226	229	0.937	8	43,904	-	-	-	-	-
Awabel	357	376	1.484	9	152,780	-	-	-	-	-
Dejen	203	150	1.854	8	58,864	-	-	-	-	-
Shebel Berenta	47	60	0.872	8	12,570	-	-	-	-	-
Debre Markos	1,839	1,522	1.513	8	512,229	-	-	-	-	-
West Gojam Zone	4,041	5,919	1.283	8	1,681,425	-	-	-	-	-
Achefer	284	749	0.983	10	171,166	-	-	-	-	-
Bahirdar Zuria	464	648	1.902	9	252,774	-	-	-	-	-
Yilmana Densa	452	473	1.711	8	189,842	-	-	-	-	-
Merawi	744	861	1.4	9	296,320	-	-	-	-	-
Sekela	99	187	1.729	8	71,344	-	-	-	-	-
Kuarit	-	60	0.835	8	11,845	-	-	-	-	-
Dega Damot	*	65	1.029	7	11,950	-	-	-	-	-
Dembecha	305	681	0.806	8	116,218	-	-	-	-	-
Jabi Tehnan	1,217	1,400	1.17	8	338,401	-	-	-	-	-
Bure Wemberma	473	796	1.308	8	221,566	-	-	-	-	-
Wag Hamra Zone	399	484	1.201	7	118,041	-	-	-	-	-
Zikuala	92	90	1.367	8	27,160	-	-	-	-	-
Sekota	202	320	1.191	8	78,812	-	-	-	-	-
Dehana	104	74	1.095	6	12,069	-	-	-	-	-
Awi Zone	1,950	3,834	1.606	9	1,253,695	-	-	-	-	-
Dangela	675	1,023	2.093	9	447,098	-	-	-	-	-
Banja	209	761	1.446	8	206,757	-	-	-	-	-
Ankasha	358	656	1.562	10	214,781	-	-	-	-	-
Guangua	435	987	1.246	9	259,516	-	-	-	-	-
Faggeta Lekoma	272	406	1.634	9	125,543	-	-	-	-	-
Oromia Zone	532	1,029	1.47	8	317,897	-	-	-	-	-
Chefegolana Dawerahimedo	346	543	1.402	8	166,156	-	-	-	-	-
Bati	67	103	1.284	8	32,674	-	-	-	-	-
Jile Tumuga	44	187	0.962	9	34,878	-	-	-	-	-
Artuma Fursi	75	195	1.982	9	84,188	-	-	-	-	-
Bahirdar Special Zone	1,965	2,575	2.539	8	1,383,931	-	-	-	-	-
Bahirdar	1,965	2,575	2.539	8	1,383,931	-	-	-	-	-

c) Urban Holdings

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Amhara Region	30,463	42,439	1.809	8	16,105,697	-	-	-	-	-
North Gonder Zone	6,244	8,089	1.882	8	3,354,930	-	-	-	-	-
Addi Arkay	442	571	1.392	7	154,542	-	-	-	-	-
Beyeda	18	31	1.36	9	5,472	-	-	-	-	-
Janamora	62	61	1.149	9	11,556	-	-	-	-	-
Debark	231	316	2.205	8	138,301	-	-	-	-	-
Dabat	154	220	1.427	9	64,668	-	-	-	-	-
Sanja	679	417	1.956	8	116,313	-	-	-	-	-
Lay Armacheho	99	103	1.562	9	39,078	-	-	-	-	-
Wegera	257	439	2.014	9	194,441	-	-	-	-	-
Gonder Zuria	243	457	1.334	10	116,013	-	-	-	-	-
Dembia	602	789	1.675	9	308,235	-	-	-	-	-
Chilga	190	291	1.691	9	128,201	-	-	-	-	-
Metema	1,631	1,933	1.366	4	362,539	-	-	-	-	-
Quara	19	26	1.136	6	4,685	-	-	-	-	-
Alefa	429	615	1.135	10	168,739	-	-	-	-	-
Belesa	120	275	1.254	11	43,802	-	-	-	-	-
Gonder	1,068	1,544	3.468	9	1,498,346	-	-	-	-	-
South Gonder Zone	3,533	4,358	1.635	8	1,540,031	-	-	-	-	-
Ebenat	60	80	1.216	7	20,492	-	-	-	-	-
Kemekem	661	712	1.601	9	229,897	-	-	-	-	-
Fogera	706	857	1.436	10	315,464	-	-	-	-	-
Farta	240	260	1.593	8	80,354	-	-	-	-	-
Lay Gayint	286	370	1.768	7	130,226	-	-	-	-	-
Tach Gayint	55	96	1.413	8	21,193	-	-	-	-	-
Simada	125	139	1.231	7	36,981	-	-	-	-	-
Estie	381	580	1.503	8	207,464	-	-	-	-	-
Dera	541	701	1.168	8	180,358	-	-	-	-	-
Debre Tabor	478	564	2.784	8	317,603	-	-	-	-	-
North Wollo Zone	1,193	2,651	1.676	7	826,189	-	-	-	-	-
Bugna	189	226	1.354	8	52,759	-	-	-	-	-
Kobo	182	1,139	1.299	8	301,667	-	-	-	-	-
Gidan	96	241	3.471	7	121,650	-	-	-	-	-
Meket	201	193	1.61	7	60,623	-	-	-	-	-
Wadla	74	111	2.255	9	48,950	-	-	-	-	-
Dawuntna Delanta	125	149	1.74	7	48,726	-	-	-	-	-
Habru	240	511	1.542	7	162,620	-	-	-	-	-
Weldia	86	81	1.839	6	29,195	-	-	-	-	-
South Wollo Zone	2,653	3,843	1.871	7	1,410,291	-	-	-	-	-
Mekdela	65	65	1.255	6	14,669	-	-	-	-	-
Tenta	299	390	1.312	6	89,465	-	-	-	-	-
Kutaber	195	184	2.188	9	94,161	-	-	-	-	-
Ambasel	59	94	2.215	7	44,074	-	-	-	-	-
Tehuledere	210	359	1.628	7	102,883	-	-	-	-	-
Werebabu	78	136	1.586	8	41,779	-	-	-	-	-
Kalu	53	390	1.085	7	62,992	-	-	-	-	-
Dessie Zuria	91	134	1.88	7	50,611	-	-	-	-	-
Legambo	97	178	1.625	7	51,185	-	-	-	-	-
Sayint	115	132	2.169	6	45,107	-	-	-	-	-
Debresina	183	212	2.116	8	90,727	-	-	-	-	-
Kelala	179	276	1.409	8	77,315	-	-	-	-	-
Jama	155	215	1.812	8	77,324	-	-	-	-	-
Were Ilu	283	349	1.914	7	114,366	-	-	-	-	-
Wegde	62	105	1.174	8	24,296	-	-	-	-	-
Kombolcha	95	173	1.808	7	91,310	-	-	-	-	-
Dessie	435	450	3.56	7	338,027	-	-	-	-	-
North Shewa Zone	3,205	5,024	2.646	8	2,811,517	-	-	-	-	-
Middana Weremo	38	248	1.242	8	48,216	-	-	-	-	-
Merhabete	145	298	1.347	8	66,051	-	-	-	-	-

TABLE 7-16-c –(Cont'd)

Geographic Area	Number Of Dairy Cows	Number Of Milking Cows	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production(Lt)	Number Of Dairy Camels	Number Of Milking Camels	Average Daily Milk Prod.	Average Lactation Period(Mn)	Total Milk Production (Lt)
Innarona Wayu	225	286	1.996	8	151,742					
Moretna Jiru	91	132	2.364	8	51,259					
Gera Keya	105	193	2.852	9	119,837					
Geshe	9	25	1.823	9	9,594					
Antisokiya Gemza	54	147	1.198	7	*					
Efratana Gidim	211	590	1.108	8	124,836					
Lalo Midir	143	198	1.93	9	64,998					
Mojana Wedera	34	58	1.326	8	11,928					
Tarmaber	246	352	1.985	8	118,927					
Kewet	209	579	1.558	8	142,513					
Asagirt	55	79	1.214	8	16,452					
Angolelana Tera	333	394	2.774	9	220,894					
Ankober	63	116	1.523	8	29,107					
Hagere Mariam	51	48	2.073	8	16,520					
Berehet	17	17	3.085	7	*					
Minjarna Shenkora	91	111	1.341	7	26,717					
Debre Berhane	1,086	1,152	5.625	9	1,528,766					
East Gojam Zone	4,747	4,634	1.351	8	1,407,749					
Bibugn	-	35	1.906	7	17,221					
Hulet Ej Enesie	417	411	1.023	8	103,081					
Goncha Siso Enesie	198	160	0.798	9	32,094					
Enebse Sar Midir	222	225	1.21	8	56,139					
Enarj Enawga	270	286	1.624	8	95,140					
Enemay	331	474	1.376	8	147,551					
Debay Telatgen	132	114	1.011	8	24,924					
Machakel	374	446	1.239	9	127,217					
Gozamin	133	146	1.01	8	24,036					
Baso Liben	226	229	0.937	8	43,904					
Awabel	357	376	1.484	9	152,780					
Dejen	203	150	1.854	8	58,864					
Shebel Berenta	47	60	0.872	8	12,570					
Debre Markos	1,839	1,522	1.513	8	512,229					
West Gojam Zone	4,041	5,919	1.283	8	1,681,425					
Achefer	284	749	0.983	10	171,166					
Bahirdar Zuria	464	648	1.902	9	252,774					
Yilmana Densa	452	473	1.711	8	189,842					
Merawi	744	861	1.4	9	296,320					
Sekela	99	187	1.729	8	71,344					
Kuarit	-	60	0.835	8	11,845					
Dega Damot	*	65	1.029	7	11,950					
Dembecha	305	681	0.806	8	116,218					
Jabi Tehnan	1,217	1,400	1.17	8	338,401					
Bure Wemberma	473	796	1.308	8	221,566					
Wag Hamra Zone	399	484	1.201	7	118,041					
Zikuala	92	90	1.367	8	27,160					
Sekota	202	320	1.191	8	78,812					
Dehana	104	74	1.095	6	12,069					
Awi Zone	1,950	3,834	1.606	9	1,253,695					
Dangela	675	1,023	2.093	9	447,098					
Banja	209	761	1.446	8	206,757					
Ankasha	358	656	1.562	10	214,781					
Guangua	435	987	1.246	9	259,516					
Faggeta Lekoma	272	406	1.634	9	125,543					
Oromia Zone	532	1,029	1.47	8	317,897					
Chefegolana Dawerahimedo	346	543	1.402	8	166,156					
Bati	67	103	1.284	8	32,674					
Jile Tumuga	44	187	0.962	9	34,878					
Artuma Fursi	75	195	1.982	9	84,188					
Bahirdar Special Zone	1,965	2,575	2.539	8	1,383,931					
Bahirdar	1,965	2,575	2.539	8	1,383,931					

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

a) Both Rural and Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	10,512,777	5,250,765	19,142	3,483	5,206,338	24,930	8,118
North Gonder Zone	1,936,543	890,712	1,105	503	1,041,154	2,008	1,062
Addi Arkay	98,425	44,990	.	-	53,383	.	.
Beyeda	40,282	20,350	.	-	19,886	.	-
Janamora	66,501	35,165	-	-	31,334	.	-
Debark	71,014	30,478	.	25	40,193	115	135
Dabat	87,714	40,538	.	.	46,861	142	25
Sanja	232,312	95,023	.	-	137,204	.	-
Lay Armacheho	100,297	45,906	.	.	53,912	.	.
Wegera	112,494	56,264	.	37	55,533	273	190
Gonder Zuria	140,287	71,547	.	.	68,234	206	17
Dembia	166,046	78,141	.	25	87,573	.	91
Chilga	218,038	94,302	.	18	123,696	.	19
Metema	103,756	40,832	.	.	62,504	.	.
Quara	85,173	36,955	-	-	48,218	-	-
Alefa	227,582	106,480	-	.	121,090	-	.
Belesa	181,479	92,310	-	-	89,170	-	-
Gonder	5,144	1,430	115	160	2,364	551	523
South Gonder Zone	1,182,912	608,133	997	408	571,270	1,015	1,090
Ebenat	123,872	64,821	-	-	59,049	-	.
Kemekem	105,289	55,210	.	85	49,650	142	81
Fogera	157,128	76,445	.	29	80,466	10	136
Farta	143,194	71,333	.	11	71,649	.	65
Lay Gayint	91,278	47,192	.	27	43,815	.	117
Tach Gayint	44,293	23,764	.	17	20,287	.	64
Simada	130,707	68,734	.	.	61,901	.	54
Estie	229,392	123,661	.	66	104,505	.	193
Dera	156,319	76,742	.	.	79,181	.	.
Debre Tabor	1,441	231	6	96	766	45	298
North Wollo Zone	910,763	439,897	.	.	469,891	.	130
Bugna	136,924	69,308	-	-	67,616	-	-
Kobo	154,724	77,250	.	.	77,127	.	.
Gidan	82,341	39,668	-	-	42,673	-	-
Meket	135,374	61,345	-	.	73,965	.	53
Wadla	77,132	34,152	-	-	42,871	.	.
Dawuntna Delanta	108,283	49,425	.	-	58,800	-	.
Guba Lafto	99,134	49,635	-	.	49,386	.	-
Habru	116,580	59,029	.	.	57,309	.	7
Weldia	271	86	-	.	144	8	22
South Wollo Zone	1,469,751	722,571	5,478	735	731,483	8,250	1,235
Mekdela	90,551	43,409	-	.	47,103	-	-
Tenta	100,573	46,496	-	-	53,918	.	.
Kutaber	67,996	33,488	1,006	.	31,830	1,463	197
Ambasel	73,018	40,097	.	.	32,136	.	.
Tehuledere	68,181	34,579	1,356	51	30,769	1,288	138
Werebabu	66,259	33,258	.	.	32,962	.	-
Kalu	115,006	61,351	-	-	53,650	-	.
Dessie Zuria	189,045	92,224	.	.	94,304	.	.
Legambo	82,532	37,802	.	.	44,052	.	.
Sayint	143,580	69,947	-	9	73,607	-	17
Debresina	105,483	48,192	.	22	56,279	.	85
Kelala	122,496	61,134	.	.	60,660	.	.
Jama	74,413	38,309	637	20	34,162	1,218	.
Were Ilu	86,520	40,641	599	125	44,234	826	95
Wegde	82,198	41,131	-	.	41,030	.	.
Kombolcha	604	254	.	.	298	19	26
Dessie	1,297	259	21	103	488	105	320
North Shewa Zone	1,021,040	576,483	9,939	988	419,350	11,456	2,824
Middana Weremo	49,130	26,910	-	.	22,190	-	25
Merhabete	53,359	33,849	.	48	19,343	.	74

TABLE 7-17-a –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Insarona Wayu	66,222	39,101	573	78	25,580	756	134
Moretna Jiru	38,399	24,626	-	16	13,370	221	32
Gera Keya	83,698	42,714	-	40	40,648	-	148
Geshe	32,522	17,689	-	-	14,834	-	-
Antsokiya Gemza	26,922	15,845	-	-	11,077	-	-
Efratana Gidim	50,781	30,244	-	-	20,529	-	-
Lalo Midir	69,864	36,371	-	40	32,350	-	80
Mojana Wedera	40,824	24,418	-	-	16,094	159	21
Tarmaber	51,256	29,176	-	54	21,363	-	137
Kewet	67,100	38,983	-	11	28,083	-	-
Asagirt	37,518	19,979	271	-	16,982	248	17
Angolelana Tera	72,337	32,906	1,988	97	33,801	3,255	290
Ankober	50,664	29,887	-	-	20,705	-	25
Hagere Mariam	38,198	22,389	235	-	15,379	140	35
Berehet	20,717	12,648	-	-	8,069	-	-
Minjarna Shenkora	79,287	52,288	-	-	26,969	-	-
Debre Berhane	2,984	169	-	408	680	41	1,672
Basona Werana	89,257	46,291	5,763	-	31,302	5,660	-
East Gojam Zone	1,263,726	683,586	614	216	577,643	1,160	506
Bibugn	60,080	30,701	-	-	29,379	-	-
Hulet Ej Enesie	136,828	72,376	-	22	64,328	-	48
Goncha Siso Enesie	75,914	42,289	-	-	33,626	-	-
Enebse Sar Midir	59,427	33,468	-	-	25,748	-	-
Enarj Enawga	89,764	51,448	-	-	38,184	-	17
Enemay	83,577	45,563	159	19	37,623	-	66
Debay Telatgen	76,000	42,816	-	-	33,144	-	-
Machakel	173,098	95,067	-	-	77,983	-	31
Gozamin	170,515	87,471	-	-	82,861	-	-
Baso Liben	91,860	49,807	-	-	42,026	-	-
Awabel	137,515	72,530	-	-	64,544	-	-
Dejen	59,273	32,921	-	18	25,871	296	36
Shebel Berenta	43,992	25,573	-	-	18,384	-	-
Debre Markos	5,885	1,556	29	45	3,943	121	190
West Gojam Zone	1,399,492	736,579	-	135	661,611	-	283
Achefer	224,630	114,755	-	20	109,335	-	53
Bahirdar Zuria	206,865	99,730	-	-	107,036	-	27
Yilmana Densa	151,977	83,353	-	-	68,385	-	38
Merawi	204,783	102,883	-	-	101,870	-	-
Sekela	86,616	44,193	-	-	42,423	-	-
Kuarit	81,771	45,876	-	-	35,895	-	-
Dega Damot	87,419	46,940	-	-	40,479	-	-
Dembecha	101,570	57,496	-	-	43,965	-	-
Jabi Tehnan	124,595	67,660	-	20	56,730	-	-
Bure Wemberma	129,265	73,695	-	21	55,494	-	37
Wag Hamra Zone	355,055	151,873	-	-	203,133	-	-
Zikuala	152,863	56,698	-	-	96,165	-	-
Sekota	130,344	58,862	-	-	71,432	-	-
Dehana	71,849	36,313	-	-	35,536	-	-
Awi Zone	638,869	290,810	-	107	347,505	79	229
Dangela	156,264	78,099	-	78	77,707	72	175
Banja	99,567	31,839	-	-	67,717	-	-
Ankasha	117,188	57,941	-	-	59,220	-	-
Guangua	169,678	81,736	-	-	87,920	-	15
Faggeta Lekoma	96,171	41,196	-	-	54,941	-	23
Oromia Zone	326,825	147,794	-	-	178,992	-	-
Chefegolana Dawerahimedo	128,566	62,019	-	-	66,509	-	-
Bati	76,890	32,789	-	-	44,101	-	-
Jile Tumuga	61,639	26,236	-	-	35,402	-	-
Artuma Fursi	59,730	26,750	-	-	32,980	-	-
Bahirdar Special Zone	7,801	2,328	32	286	4,306	95	754
Bahirdar	7,801	2,328	32	286	4,306	95	754

b) Rural Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	10,360,069	5,197,917	18,729	1,118	5,118,037	23,245	1,022
North Gonder Zone	1,906,822	881,189	927	213	1,023,152	1,244	•
Addi Arkay	96,437	44,311	•	-	52,077	•	-
Beyeda	40,143	20,275	•	-	19,823	•	-
Janamora	66,290	35,070	-	-	31,220	-	-
Debark	70,087	30,270	•	-	39,631	•	•
Dabat	87,117	40,339	•	•	46,518	126	-
Sanja	229,795	94,184	-	-	135,611	-	-
Lay Armacheho	99,939	45,791	•	•	53,686	•	•
Wegera	111,337	55,892	•	-	55,029	230	-
Gonder Zuria	138,893	71,088	•	•	67,345	193	-
Dembia	163,451	77,300	•	-	85,956	•	-
Chilga	216,742	93,927	-	-	122,816	-	-
Metema	96,073	38,646	•	•	57,019	•	-
Quara	85,055	36,899	-	-	48,157	-	-
Alefa	224,902	105,398	-	-	119,503	-	-
Belesa	180,559	91,799	-	-	88,760	-	-
South Gonder Zone	1,168,223	603,510	969	•	562,728	824	•
Ebenat	123,601	64,741	-	-	58,860	-	-
Kemekem	103,003	54,542	•	•	48,238	•	-
Fogera	154,297	75,504	•	-	78,752	-	-
Farta	142,494	71,152	•	-	71,215	•	-
Lay Gayint	89,661	46,633	-	-	42,929	•	-
Tach Gayint	44,009	23,684	•	-	20,137	•	•
Simada	130,097	68,481	-	-	61,616	-	-
Estie	227,288	122,940	•	-	103,414	•	-
Dera	153,772	75,832	•	•	77,567	•	•
North Wollo Zone	900,791	435,228	•	•	464,746	•	•
Bugna	136,249	69,084	-	-	67,164	-	-
Kobo	149,614	74,503	•	-	74,769	•	-
Gidan	81,532	39,335	-	-	42,198	-	-
Meket	134,770	61,194	-	-	73,576	-	-
Wadla	76,806	34,000	-	•	42,704	•	•
Dawuntna Delanta	107,894	49,300	•	-	58,539	-	-
Guba Lafto	99,134	49,635	-	•	49,386	•	-
Habru	114,792	58,178	•	-	56,409	•	-
South Wollo Zone	1,456,478	717,533	5,439	420	724,528	8,059	498
Mekdela	90,281	43,347	-	•	46,895	-	-
Tenta	99,297	46,023	-	-	53,122	•	-
Kutaber	67,484	33,344	1,006	-	31,518	1,463	•
Ambasel	72,619	39,908	•	-	31,933	•	-
Tehuledere	66,791	34,007	1,351	-	30,120	1,269	•
Werebabu	65,655	32,968	•	-	32,656	-	-
Kalu	113,253	60,409	-	-	52,844	-	-
Dessie Zuria	188,574	92,044	•	•	94,083	•	•
Legambo	81,846	37,463	•	•	43,718	•	•
Sayint	143,131	69,807	-	-	73,324	-	-
Debresina	104,862	48,052	•	-	55,910	•	-
Kelala	121,634	60,783	•	•	60,155	•	-
Jama	73,788	38,115	632	-	33,805	1,206	•
Were Ilu	85,391	40,255	599	•	43,613	812	•
Wegde	81,871	41,007	-	-	40,832	•	-
North Shewa Zone	1,001,651	569,202	9,924	•	410,814	11,411	•
Middana Weremo	48,204	26,473	-	-	21,731	-	-
Merhabete	52,290	33,377	•	-	18,869	•	-
Insarona Wayu	65,164	38,761	573	-	25,073	756	-
Moretna Jiru	37,603	24,220	•	-	13,027	221	-
Gera Keya	83,141	42,588	•	-	40,408	•	-
Geshe	32,428	17,648	-	-	14,780	-	-

TABLE 7-17-b –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Antsokiya Gemza	25,884	15,180	-	-	10,703	-	-
Efratana Gidim	48,123	28,907	-	-	19,216	-	-
Lalo Midir	69,281	36,222	-	-	32,036	-	-
Mojana Wedera	40,619	24,356	-	-	15,979	159	-
Tarmaber	49,865	28,769	-	-	20,550	-	-
Kewet	64,781	37,931	-	-	26,849	-	-
Asagirt	37,206	19,863	271	-	16,812	248	-
Angolelana Tera	71,370	32,737	1,988	-	33,375	3,255	-
Ankober	50,138	29,654	-	-	20,445	-	-
Hagere Mariam	37,981	22,281	235	-	15,313	140	-
Berehet	20,532	12,536	-	-	7,995	-	-
Minjarna Shenkora	77,785	51,408	-	-	26,349	-	-
Basona Werana	89,257	46,291	5,763	-	31,302	5,660	-
East Gojam Zone	1,246,194	678,204	551	-	566,323	942	-
Bibugn	59,911	30,659	-	-	29,252	-	-
Hulet Ej Enesie	135,248	71,845	-	-	63,352	-	-
Goncha Siso Enesie	75,228	42,004	-	-	33,224	-	-
Enebse Sar Midir	58,552	33,084	-	-	25,259	-	-
Enarj Enawga	88,726	51,160	-	-	37,479	-	-
Enemay	82,111	45,130	157	-	36,711	-	-
Debay Telatgen	75,543	42,667	-	-	32,838	-	-
Machakel	171,296	94,530	-	-	76,765	-	-
Gozamin	170,016	87,305	-	-	82,533	-	-
Baso Liben	90,892	49,455	-	-	41,411	-	-
Awabel	136,137	72,049	-	-	63,730	-	-
Dejen	58,749	32,819	-	-	25,513	288	-
Shebel Berenta	43,784	25,496	-	-	18,255	-	-
West Gojam Zone	1,377,928	729,211	-	-	647,803	-	-
Achefer	221,285	113,327	-	-	107,494	-	-
Bahirdar Zuria	204,711	99,121	-	-	105,524	-	-
Yilmana Densa	150,626	82,899	-	-	67,559	-	-
Merawi	202,245	102,135	-	-	100,110	-	-
Sekela	86,128	44,059	-	-	42,069	-	-
Kuarit	81,560	45,802	-	-	35,758	-	-
Dega Damot	87,215	46,882	-	-	40,333	-	-
Dembecha	98,874	56,540	-	-	42,225	-	-
Jabi Tehnan	119,060	65,819	-	-	53,135	-	-
Bure Wemberma	126,225	72,627	-	-	53,597	-	-
Wag Hamra Zone	353,186	151,060	-	-	202,080	-	-
Zikuala	152,491	56,508	-	-	95,983	-	-
Sekota	129,277	58,415	-	-	70,817	-	-
Dehana	71,418	36,137	-	-	35,281	-	-
Awi Zone	625,656	286,578	-	-	338,959	-	-
Dangela	152,982	77,098	-	-	75,765	-	-
Banja	97,291	31,247	-	-	66,044	-	-
Ankasha	114,649	57,114	-	-	57,535	-	-
Guangua	165,706	80,235	-	-	85,471	-	-
Faggeta Lekoma	95,029	40,884	-	-	54,145	-	-
Oromia Zone	323,142	146,201	-	-	176,903	-	-
Chefegolana Dawerahimedo	126,693	61,280	-	-	65,375	-	-
Bati	76,506	32,632	-	-	43,874	-	-
Jile Tumuga	61,120	26,021	-	-	35,099	-	-
Artuma Fursi	58,823	26,267	-	-	32,556	-	-

c) Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	152,708	52,848	413	2,365	88,301	1,685	7,096
North Gonder Zone	29,721	9,522	177	290	18,002	764	966
Addi Arkay	1,988	679	-	-	1,306	-	-
Beyeda	139	76	-	-	63	-	-
Janamora	211	95	-	-	114	-	-
Debark	927	207	16	25	561	43	73
Dabat	597	199	-	9	343	-	25
Sanja	2,517	839	-	-	1,593	-	-
Lay Armacheho	358	115	-	-	225	-	7
Wegera	1,156	372	12	37	503	43	190
Gonder Zuria	1,394	459	-	11	889	-	17
Dembia	2,595	841	9	25	1,617	13	91
Chilga	1,296	376	-	18	881	-	19
Metema	7,683	2,186	-	-	5,485	-	-
Quara	118	56	-	-	61	-	-
Alefa	2,680	1,082	-	-	1,587	-	-
Belesa	920	511	-	-	409	-	-
Gonder	5,144	1,430	115	160	2,364	551	523
South Gonder Zone	14,690	4,622	28	306	8,542	191	1,001
Ebenat	271	80	-	-	189	-	-
Kemekem	2,285	669	-	45	1,412	69	81
Fogera	2,831	941	-	29	1,714	10	136
Farta	700	181	-	11	434	-	65
Lay Gayint	1,617	558	-	27	886	24	117
Tach Gayint	284	79	-	17	151	-	38
Simada	610	252	-	-	285	-	54
Estie	2,103	720	-	66	1,091	26	193
Dera	2,547	910	-	-	1,614	-	-
Debre Tabor	1,441	231	6	96	766	45	298
North Wollo Zone	9,973	4,669	-	25	5,145	-	96
Bugna	675	223	-	-	452	-	-
Kobo	5,110	2,746	-	-	2,358	-	-
Gidan	809	334	-	-	475	-	-
Meket	603	151	-	-	388	-	53
Wadla	327	152	-	-	167	-	-
Dawuntna Delanta	389	125	-	-	261	-	-
Habru	1,789	851	-	-	900	-	7
Weldia	271	86	-	-	144	8	22
South Wollo Zone	13,273	5,038	39	314	6,955	191	737
Mekdela	270	62	-	-	208	-	-
Tenta	1,277	473	-	-	797	-	-
Kutaber	512	144	-	-	312	-	43
Ambasel	399	189	-	-	203	-	-
Tehuledere	1,390	572	-	51	649	19	94
Werebabu	603	290	-	-	307	-	-
Kalu	1,753	942	-	-	806	-	-
Dessie Zuria	471	180	-	28	221	-	30
Legambo	686	338	-	-	334	-	-
Sayint	448	139	-	9	283	-	17
Debresina	622	140	-	22	369	-	85
Kelala	863	351	-	-	505	-	-
Jama	624	194	-	20	357	13	35
Were Ilu	1,128	386	-	48	621	-	59
Wegde	327	124	-	-	198	-	-
Kombolcha	604	254	-	-	298	19	26
Dessie	1,297	259	21	103	488	105	320
North Shewa Zone	19,390	7,281	-	828	8,535	46	2,686
Middana Weremo	926	438	-	-	458	-	25
Merhabete	1,070	473	-	48	474	-	74
Insarona Wayu	1,057	340	-	78	507	-	134

TABLE 7-17-c –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Moretna Jiru	797	405	-	16	344	-	32
Gera Keya	557	126	-	40	240	*	148
Geshe	95	41	-	-	54	-	-
Antsokiya Gemza	1,038	664	-	-	374	-	-
Efratana Gidim	2,658	1,337	-	*	1,313	-	*
Lalo Midir	583	148	-	40	315	-	80
Mojana Wedera	205	63	-	*	115	-	21
Tarmaber	1,391	408	-	54	812	-	117
Kewet	2,319	1,052	-	11	1,234	-	*
Asagirt	312	116	-	9	170	-	17
Angolelana Tera	967	169	-	97	425	-	275
Ankober	526	233	-	*	260	*	25
Hagere Mariam	217	108	-	8	66	-	35
Berehet	186	112	-	-	74	-	-
Minjarna Shenkora	1,502	881	-	-	620	-	*
Debre Berhane	2,984	169	*	408	680	41	1,672
East Gojam Zone	17,531	5,381	63	128	11,321	218	420
Bibugn	169	42	-	-	127	-	-
Hulet Ej Enesie	1,580	530	-	22	977	*	48
Goncha Siso Enesie	686	284	-	-	402	-	-
Enebse Sar Midir	875	385	-	-	489	-	*
Enarj Enawga	1,038	288	*	*	705	*	17
Enemay	1,466	432	*	19	911	*	66
Debay Telatgen	457	149	-	-	306	*	-
Machakel	1,802	537	*	*	1,217	*	31
Gozamin	499	166	-	-	328	-	*
Baso Liben	968	353	-	-	615	-	-
Awabel	1,377	481	*	15	814	26	24
Dejen	523	102	*	18	358	*	36
Shebel Berenta	207	77	-	-	129	-	*
Debre Markos	5,885	1,556	29	45	3,943	121	190
West Gojam Zone	21,564	7,368	31	82	13,808	74	202
Achefer	3,346	1,428	*	20	1,841	*	53
Bahirdar Zuria	2,154	608	*	-	1,511	*	27
Yilmana Densa	1,351	454	*	*	826	*	38
Merawi	2,539	748	*	*	1,760	*	*
Sekela	488	134	-	-	354	-	-
Kuarit	211	73	-	-	138	-	-
Dega Damot	203	58	-	-	145	-	-
Dembecha	2,696	955	-	-	1,740	-	-
Jabi Tehnan	5,535	1,841	*	20	3,595	31	32
Bure Wemberma	3,041	1,068	*	21	1,897	*	37
Wag Hamra Zone	1,870	813	-	-	1,053	-	*
Zikuala	372	190	-	-	182	-	-
Sekota	1,067	447	-	-	616	-	*
Dehana	431	176	-	-	255	-	-
Awi Zone	13,213	4,233	19	107	8,546	79	229
Dangela	3,283	1,001	14	78	1,942	72	175
Banja	2,277	592	-	*	1,674	-	*
Ankasha	2,539	827	*	*	1,685	*	*
Guangua	3,972	1,501	*	*	2,448	*	15
Faggeta Lekoma	1,142	312	-	*	796	*	23
Oromia Zone	3,683	1,593	-	-	2,089	-	*
Chefegolana Dawerahimedo	1,873	739	-	-	1,134	-	-
Bati	384	157	-	-	227	-	-
Jile Tumuga	519	215	-	-	303	-	*
Artuma Fursi	906	483	-	-	424	-	-
Bahirdar Special Zone	7,801	2,328	32	286	4,306	95	754
Bahirdar	7,801	2,328	32	286	4,306	95	754

TABLE 7-18: NUMBER OF SHEEP BY SEX, BREED, ZONE, AND WEREDA
a) Both Rural and Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	5,320,330	1,372,211	2,943	704	3,938,063	5,278	1,132
North Gonder Zone	524,087	120,798	359	195	400,647	1,321	*
Addi Arkay	18,840	4,628	-	-	14,212	-	-
Beyeda	77,125	18,760	-	-	58,365	-	-
Janamora	104,161	24,298	-	-	79,864	-	-
Debark	47,853	9,474	*	*	38,355	*	*
Dabat	23,799	5,684	*	*	17,994	*	*
Sanja	2,147	275	234	-	852	786	-
Lay Armacheho	11,420	2,595	-	-	8,760	-	*
Wegera	94,651	19,592	-	*	74,377	*	*
Gonder Zuria	42,287	10,497	-	-	31,790	-	-
Dembia	8,886	1,416	-	-	7,348	*	-
Chilga	10,684	3,198	-	-	7,486	-	-
Metema	4,956	985	*	*	3,378	*	*
Quara	1,136	289	-	-	848	-	-
Alefa	21,066	4,867	-	-	16,199	-	-
Belesa	53,619	13,709	-	-	39,910	-	-
Gonder	1,455	531	*	10	909	-	*
South Gonder Zone	486,212	107,932	*	*	377,479	*	*
Ebenat	32,585	7,661	-	-	24,923	-	-
Kemekem	31,414	7,730	-	-	23,684	-	-
Fogera	7,607	2,176	-	-	5,431	-	-
Farta	80,441	16,560	*	*	63,153	*	*
Lay Gayint	69,495	14,169	-	-	55,323	-	*
Tach Gayint	24,480	6,169	*	-	18,257	*	-
Simada	80,633	20,215	-	*	60,415	-	-
Estie	131,171	27,652	*	*	103,509	-	-
Dera	27,542	5,373	-	-	22,169	-	-
Debre Tabor	846	228	*	-	614	-	*
North Wollo Zone	610,341	156,028	*	*	453,538	*	*
Bugna	64,053	19,122	-	-	44,931	-	-
Kobo	9,027	3,229	-	-	5,797	-	-
Gidan	115,015	26,922	*	-	87,847	*	-
Meket	115,643	31,098	-	-	84,543	-	*
Wadla	111,990	27,501	*	*	83,962	*	*
Dawuntna Delanta	118,938	31,339	-	-	87,599	-	-
Guba Lafto	63,147	14,113	-	-	49,034	-	-
Habru	12,373	2,657	-	-	9,716	-	-
Weldia	157	48	-	-	109	-	-
South Wollo Zone	1,489,247	411,301	783	*	1,075,395	*	142
Mekdela	105,802	31,191	-	-	74,610	-	-
Tenta	166,253	51,795	-	*	114,410	-	-
Kutaber	72,077	20,579	-	-	51,497	-	-
Ambasel	64,057	18,379	-	-	45,678	-	-
Tehuledere	29,881	8,375	*	12	21,424	*	*
Werebabu	9,354	3,970	-	*	5,245	-	-
Kalu	13,125	4,919	-	-	8,206	-	-
Dessie Zuria	227,943	74,845	*	*	152,918	*	*
Legambo	202,617	53,002	*	*	147,962	*	*
Sayint	135,051	34,768	-	-	100,283	-	-
Debresina	111,693	27,818	*	-	83,691	*	-
Kelala	65,368	14,781	-	-	50,587	-	-
Jama	108,193	25,759	*	*	82,290	*	*
Were Ilu	158,819	36,236	-	-	122,543	-	*
Wegde	17,214	4,241	-	-	12,939	*	-
Kombolcha	355	118	-	*	188	-	*
Dessie	1,446	524	-	-	922	-	*
North Shewa Zone	888,095	268,351	1,219	92	616,558	1,715	160
Middana Weremo	4,780	1,386	*	-	3,353	-	-
Merhabete	4,210	1,296	-	-	2,912	-	*

TABLE 7-18-a –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Insarona Wayu	50,345	12,590	-	-	37,755	-	-
Moretna Jiru	14,664	5,653	-	-	9,011	-	-
Gera Keya	200,403	62,882	*	*	136,602	*	*
Geshe	64,406	18,716	-	-	45,690	-	-
Antsokiya Gemza	15,192	4,509	-	-	10,682	-	-
Efratana Gidim	14,130	5,316	-	-	8,815	-	-
Lalo Midir	101,980	31,619	*	-	70,044	*	-
Mojana Wedera	71,296	22,076	*	-	49,023	*	-
Tarmaber	20,167	6,643	-	*	13,511	-	*
Kewet	9,427	3,332	-	-	6,096	-	-
Asagirt	29,165	8,009	*	*	20,981	*	*
Angolelana Tera	89,814	20,783	*	*	68,722	*	*
Ankober	15,904	6,644	-	-	9,254	-	*
Hagere Mariam	33,332	10,196	-	*	23,126	-	*
Berehet	4,732	1,712	-	-	3,020	-	-
Minjarna Shenkora	20,156	7,226	-	-	12,929	-	-
Debre Berhane	5,912	2,177	-	35	3,628	*	67
Basona Werana	118,081	35,588	*	-	81,405	*	-
East Gojam Zone	591,329	117,876	-	*	473,368	*	*
Bibugn	51,286	11,006	-	-	40,281	-	-
Hulet Ej Enesie	71,042	13,561	-	*	57,465	-	*
Goncha Siso Enesie	46,494	9,115	-	-	37,379	-	-
Enebse Sar Midir	15,606	3,176	-	-	12,360	*	-
Enarj Enawga	35,244	6,725	-	-	28,519	-	-
Enemay	32,188	5,978	-	-	26,210	-	-
Debay Telatgen	52,238	9,466	-	-	42,772	-	-
Machakel	73,407	17,685	-	-	55,722	-	-
Gozamin	113,330	20,347	-	-	92,983	-	-
Baso Liben	23,362	4,105	-	-	19,257	-	-
Awabel	53,763	10,385	-	-	43,379	-	-
Dejen	14,931	3,797	-	-	11,134	-	-
Shebel Berenta	5,522	1,544	-	-	3,978	-	-
Debre Markos	2,917	988	-	-	1,930	-	-
West Gojam Zone	372,879	95,769	-	*	277,104	-	*
Achefer	30,565	7,891	-	-	22,673	-	-
Bahirdar Zuria	14,329	3,024	-	-	11,304	-	-
Yilmana Densa	60,428	14,746	-	-	45,682	-	-
Merawi	28,753	8,259	-	-	20,494	-	-
Sekela	58,628	12,322	-	-	46,306	-	-
Kuarit	37,212	8,917	-	-	28,295	-	-
Dega Damot	67,208	14,548	-	-	52,660	-	-
Dembecha	18,695	7,638	-	-	11,057	-	-
Jabi Tehnan	17,996	6,571	-	-	11,425	-	-
Bure Wemberma	39,066	11,852	-	*	27,206	-	*
Wag Hamra Zone	86,328	26,731	-	-	59,597	-	-
Zikuala	26,910	7,748	-	-	19,161	-	-
Sekota	39,391	13,016	-	-	26,375	-	-
Dehana	20,027	5,967	-	-	14,061	-	-
Awi Zone	248,566	55,424	-	*	193,134	-	*
Dangela	25,819	11,218	-	-	14,601	-	-
Banja	86,870	15,269	-	-	71,601	-	-
Ankasha	53,743	10,983	-	*	42,759	-	-
Guangua	26,783	6,680	-	-	20,104	-	-
Faggeta Lekoma	55,351	11,274	-	*	44,071	-	*
Oromia Zone	20,969	10,800	-	-	10,167	-	*
Chefegolana Dawerahimedo	7,347	3,831	-	-	3,515	-	-
Bati	6,834	2,335	-	-	4,499	-	-
Jile Tumuga	3,083	1,753	-	-	1,330	-	-
Artuma Fursi	3,706	2,881	-	-	823	-	*
Bahirdar Special Zone	2,277	1,202	-	-	1,075	-	-
Bahirdar	2,277	1,202	-	-	1,075	-	-

b) Rural Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	5,232,302	1,343,335	2,691	509	3,880,424	4,476	*
North Gonder Zone	513,765	118,510	*	*	393,746	527	*
Addi Arkay	18,762	4,609	-	-	14,153	-	-
Beyeda	76,921	18,712	-	-	58,208	-	-
Janamora	104,043	24,259	-	-	79,785	-	-
Debark	46,179	9,082	-	-	37,096	-	-
Dabat	23,049	5,536	*	-	17,427	*	-
Sanja	*	*	-	-	*	-	-
Lay Armacheho	11,200	2,542	-	-	8,593	-	*
Wegera	93,823	19,457	-	*	73,716	*	*
Gonder Zuria	41,900	10,416	-	-	31,484	-	-
Dembia	8,261	1,282	-	-	6,857	*	-
Chilga	10,071	3,046	-	-	7,024	-	-
Metema	4,429	847	*	*	2,995	*	*
Quara	1,136	289	-	-	848	-	-
Alefa	19,807	4,585	-	-	15,222	-	-
Belesa	53,349	13,637	-	-	39,712	-	-
South Gonder Zone	477,500	105,676	*	-	371,050	*	-
Ebenat	32,436	7,624	-	-	24,812	-	-
Kemekem	30,627	7,547	-	-	23,080	-	-
Fogera	7,110	2,005	-	-	5,106	-	-
Farta	80,045	16,462	*	-	62,863	*	-
Lay Gayint	67,634	13,729	-	-	53,904	-	-
Tach Gayint	24,254	6,110	*	-	18,090	*	-
Simada	79,621	19,920	-	-	59,702	-	-
Estie	129,280	27,157	-	-	102,122	-	-
Dera	26,492	5,121	-	-	21,371	-	-
North Wollo Zone	606,621	154,783	*	*	451,066	*	*
Bugna	63,567	18,962	-	-	44,605	-	-
Kobo	8,579	3,028	-	-	5,551	-	-
Gidan	114,624	26,817	*	-	87,561	*	-
Meket	114,822	30,840	-	-	83,982	-	-
Wadla	111,616	27,402	*	*	83,687	*	*
Dawuntna Delanta	118,353	31,121	-	-	87,232	-	-
Guba Lafto	63,147	14,113	-	-	49,034	-	-
Habru	11,913	2,499	-	-	9,413	-	-
South Wollo Zone	1,474,936	406,357	780	*	1,066,133	*	*
Mekdela	105,383	31,005	-	-	74,378	-	-
Tenta	163,896	51,017	-	*	112,832	-	-
Kutaber	71,389	20,344	-	-	51,045	-	-
Ambasel	63,889	18,328	-	-	45,562	-	-
Tehuledere	28,708	7,968	*	-	20,682	*	-
Werebabu	9,085	3,829	-	*	5,118	-	-
Kalu	12,835	4,835	-	-	8,001	-	-
Dessie Zuria	227,134	74,613	*	-	152,359	*	-
Legambo	201,477	52,613	*	*	147,211	*	*
Sayint	134,537	34,566	-	-	99,971	-	-
Debresina	111,005	27,555	*	-	83,267	*	-
Kelala	64,522	14,515	-	-	50,007	-	-
Jama	107,346	25,472	*	-	81,743	-	-
Were Ilu	156,670	35,507	-	-	121,123	-	*
Wegde	17,059	4,190	-	-	12,835	*	-
North Shewa Zone	868,881	261,218	1,219	*	604,689	1,711	*
Middana Weremo	4,251	1,219	*	-	2,991	-	-
Merhabete	3,228	990	-	-	2,238	-	-
Insarona Wayu	48,885	12,101	-	-	36,784	-	-
Moretna Jiru	13,633	5,210	-	-	8,423	-	-
Gera Keya	198,854	62,351	*	-	135,630	*	-
Geshe	64,097	18,610	-	-	45,487	-	-

TABLE 7-18-b –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Antsokiya Gemza	14,664	4,276	-	-	10,388	-	-
Efratana Gidim	13,637	5,069	-	-	8,567	-	-
Lalo Midir	100,977	31,292	*	-	69,370	*	-
Moyana Wedera	70,997	21,963	*	-	48,837	*	-
Tarmaber	18,717	6,120	-	-	12,596	-	-
Kewet	8,692	2,959	-	-	5,732	-	-
Asagirt	28,833	7,925	*	-	20,759	*	-
Angolelana Tera	88,956	20,565	*	*	68,082	*	*
Ankober	15,216	6,302	-	-	8,914	-	-
Hagere Mariam	33,026	10,077	-	-	22,949	-	-
Berehet	4,679	1,675	-	-	3,004	-	-
Minjarna Shenkora	19,456	6,925	-	-	12,531	-	-
Basona Werana	118,081	35,588	*	-	81,405	*	-
East Gojam Zone	578,558	114,169	-	-	464,319	*	-
Bibugn	51,086	10,964	-	-	40,122	-	-
Hulet Ej Enesie	69,444	13,096	-	-	56,348	-	-
Goncha Siso Enesie	45,905	8,974	-	-	36,931	-	-
Enebse Sar Midir	15,083	3,031	-	-	11,982	*	-
Enarj Enawga	34,408	6,549	-	-	27,858	-	-
Enemay	30,770	5,545	-	-	25,225	-	-
Debay Telatgen	51,686	9,327	-	-	42,358	-	-
Machakel	72,295	17,292	-	-	55,003	-	-
Gozamin	112,669	20,197	-	-	92,472	-	-
Baso Liben	22,875	4,024	-	-	18,851	-	-
Awabel	52,814	10,126	-	-	42,688	-	-
Dejen	14,143	3,550	-	-	10,592	-	-
Shebel Berenta	5,382	1,493	-	-	3,889	-	-
West Gojam Zone	364,696	92,399	-	-	272,298	-	-
Achefer	29,425	7,560	-	-	21,865	-	-
Bahirdar Zuria	14,050	2,927	-	-	11,123	-	-
Yilmana Densa	59,459	14,103	-	-	45,356	-	-
Merawi	27,583	7,739	-	-	19,845	-	-
Sekela	58,169	12,227	-	-	45,942	-	-
Kuarit	36,948	8,817	-	-	28,131	-	-
Dega Damot	66,986	14,484	-	-	52,503	-	-
Dembecha	17,795	7,200	-	-	10,596	-	-
Jabi Tehnan	16,407	5,886	-	-	10,521	-	-
Bure Wemberma	37,873	11,457	-	-	26,416	-	-
Wag Hamra Zone	85,915	26,593	-	-	59,323	-	-
Zikuala	26,806	7,722	-	-	19,083	-	-
Sekota	39,202	12,950	-	-	26,253	-	-
Dehana	19,908	5,921	-	-	13,987	-	-
Awi Zone	241,131	53,154	-	-	187,977	-	-
Dangela	24,352	10,666	-	-	13,687	-	-
Banja	84,532	14,628	-	-	69,904	-	-
Ankasha	51,996	10,565	-	-	41,431	-	-
Guangua	25,621	6,293	-	-	19,328	-	-
Faggeta Lekoma	54,630	11,003	-	-	43,627	-	-
Oromia Zone	20,300	10,476	-	-	9,824	-	-
Chefegolana Dawerahimedo	7,167	3,768	-	-	3,400	-	-
Bati	6,586	2,177	-	-	4,409	-	-
Jile Tumuga	3,031	1,728	-	-	1,303	-	-
Artuma Fursi	3,516	2,804	-	-	712	-	-

c) Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	88,028	28,877	252	195	57,640	802	263
North Gonder Zone	10,322	2,288	238	52	6,901	794	49
Addi Arkay	78	19	-	-	59	-	-
Beyeda	204	47	-	-	157	-	-
Janamora	118	39	-	-	79	-	-
Debark	1,675	392	*	*	1,259	*	*
Dabat	751	148	-	*	567	*	*
Sanja	1,313	67	234	-	226	786	-
Lay Armacheho	221	53	-	-	168	-	-
Wegera	828	135	-	13	661	-	*
Gonder Zuria	387	80	-	-	306	-	-
Dembia	625	134	-	-	491	-	-
Chilga	614	152	-	-	462	-	-
Metema	527	138	-	*	383	*	*
Quara	-	-	-	-	-	-	-
Alefa	1,258	282	-	-	977	-	-
Belesa	270	72	-	-	198	-	-
Gonder	1,455	531	*	10	909	-	*
South Gonder Zone	8,712	2,255	*	*	6,429	-	*
Ebenat	149	37	-	-	112	-	-
Kemekem	787	183	-	-	604	-	-
Fogera	497	171	-	-	325	-	-
Farta	395	97	*	*	289	-	*
Lay Gayint	1,861	439	-	-	1,419	-	*
Tach Gayint	226	59	-	-	167	-	-
Simada	1,011	296	-	*	714	-	-
Estie	1,891	494	*	*	1,387	-	-
Dera	1,049	251	-	-	798	-	-
Debre Tabor	846	228	*	-	614	-	*
North Wollo Zone	3,720	1,245	-	-	2,472	-	*
Bugna	485	160	-	-	326	-	-
Kobo	448	201	-	-	247	-	-
Gidan	391	104	-	-	286	-	-
Meket	821	258	-	-	561	-	*
Wadla	375	*	-	-	275	-	-
Dawuntna Delanta	584	217	-	-	367	-	-
Habru	460	158	-	-	302	-	-
Weldia	157	48	-	-	109	-	-
South Wollo Zone	14,312	4,944	*	43	9,263	*	55
Mekdela	418	186	-	-	232	-	-
Tenta	2,357	778	-	-	1,578	-	-
Kutaber	688	235	-	-	453	-	-
Ambasel	168	51	-	-	117	-	-
Tehuledere	1,173	407	-	12	741	-	*
Werebabu	269	141	-	-	128	-	-
Kalu	290	84	-	-	205	-	-
Dessie Zuria	809	233	*	*	559	-	*
Legambo	1,140	389	-	-	751	-	-
Sayint	515	202	-	-	312	-	-
Debresina	688	263	-	-	425	-	-
Kelala	846	265	-	-	581	-	-
Jama	848	288	-	*	547	*	*
Were Ilu	2,149	729	-	-	1,420	-	-
Wegde	155	51	-	-	104	-	-
Kombolcha	355	118	-	*	188	-	*
Dessie	1,446	524	-	-	922	-	*
North Shewa Zone	19,214	7,134	-	70	11,869	*	138
Middana Weremo	528	167	-	-	361	-	-
Merhabete	982	306	-	-	674	-	*
Insarona Wayu	1,460	489	-	-	971	-	-

TABLE 7-18-c –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Moretna Jiru	1,030	442	-	-	588	-	-
Gera Keya	1,549	531	-	*	972	-	*
Geshe	309	107	-	-	203	-	-
Antsokiya Gemza	527	233	-	-	294	-	-
Efratana Gidim	494	246	-	-	248	-	-
Lalo Midir	1,003	328	-	-	675	-	-
Mojana Wedera	299	113	-	-	185	-	-
Tarmaber	1,451	523	-	*	914	-	*
Kewet	735	372	-	-	363	-	-
Asagirt	332	84	-	*	222	-	*
Angolelana Tera	858	218	-	-	640	-	-
Ankober	687	342	-	-	339	-	*
Hagere Mariam	306	118	-	*	178	-	*
Berehet	53	37	-	-	*	-	-
Minjarna Shenkora	700	301	-	-	399	-	-
Debre Berhane	5,912	2,177	-	35	3,628	*	67
East Gojam Zone	12,771	3,707	-	*	9,048	-	*
Bibugn	200	42	-	-	159	-	-
Hulet Ej Enesie	1,597	465	-	*	1,117	-	*
Goncha Siso Enesie	588	140	-	-	448	-	-
Enebse Sar Midir	523	145	-	-	377	-	-
Enarj Enawga	836	175	-	-	661	-	-
Enemay	1,418	433	-	-	985	-	-
Debay Telatgen	552	138	-	-	414	-	-
Machakel	1,112	393	-	-	719	-	-
Gozamin	662	150	-	-	511	-	-
Baso Liben	488	81	-	-	406	-	-
Awabel	950	259	-	-	691	-	-
Dejen	788	247	-	-	542	-	-
Shebel Berenta	140	50	-	-	89	-	-
Debre Markos	2,917	988	-	-	1,930	-	-
West Gojam Zone	8,183	3,370	-	*	4,806	-	*
Achefer	1,140	331	-	-	808	-	-
Bahirdar Zuria	279	98	-	-	181	-	-
Yilmana Densa	970	644	-	-	326	-	-
Merawi	1,169	520	-	-	649	-	-
Sekela	459	95	-	-	364	-	-
Kuarit	263	100	-	-	164	-	-
Dega Damot	222	64	-	-	158	-	-
Dembecha	900	438	-	-	462	-	-
Jabi Tehnan	1,589	685	-	-	904	-	-
Bure Wemberma	1,193	395	-	*	790	-	*
Wag Hamra Zone	412	138	-	-	274	-	-
Zikuala	104	26	-	-	78	-	-
Sekota	189	66	-	-	123	-	-
Dehana	120	46	-	-	74	-	-
Awi Zone	7,435	2,270	-	*	5,158	-	*
Dangela	1,467	553	-	-	914	-	-
Banja	2,337	641	-	-	1,696	-	-
Ankasha	1,747	418	-	*	1,328	-	-
Guangua	1,163	387	-	-	776	-	-
Faggeta Lekoma	722	272	-	*	444	-	*
Oromia Zone	669	324	-	-	343	-	*
Chefegolana Dawerahimedo	179	63	-	-	116	-	-
Bati	248	159	-	-	90	-	-
Jile Tumuga	52	25	-	-	27	-	-
Artuma Fursi	190	77	-	-	110	-	*
Bahirdar Special Zone	2,277	1,202	-	-	1,075	-	-
Bahirdar	2,277	1,202	-	-	1,075	-	-

TABLE 7-19: NUMBER OF GOATS BY SEX, BREED, ZONW, AND WEREDA
a) Both Rural and Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	3,815,859	1,263,947	*	*	2,551,451	*	*
North Gonder Zone	682,264	214,736	*	*	467,261	*	*
Addi Arkay	74,599	23,940	-	-	50,659	-	-
Beyeda	34,547	11,308	-	-	23,239	-	-
Janamora	40,724	11,549	-	-	29,174	-	-
Debark	39,072	12,123	-	-	26,949	-	-
Dabat	30,374	10,894	-	-	19,480	-	-
Sanja	78,715	27,404	-	*	51,154	*	*
Lay Armacheho	33,462	11,303	-	-	22,158	-	-
Wegera	38,353	12,258	-	-	26,095	-	-
Gonder Zuria	38,895	12,314	-	-	26,581	-	-
Dembia	5,427	1,318	-	-	4,109	-	-
Chilga	55,464	16,911	-	-	38,553	-	-
Metema	29,863	8,437	*	-	21,315	*	*
Quara	26,262	8,618	-	-	17,644	-	-
Alefa	66,826	19,218	-	-	47,608	-	-
Belesa	89,251	27,036	-	-	62,215	-	-
Gonder	430	103	-	-	327	-	-
South Gonder Zone	438,975	142,797	*	-	295,984	*	-
Ebenat	70,172	25,438	-	-	44,734	-	-
Kemekem	34,372	9,978	-	-	24,394	-	-
Fogera	27,867	8,955	-	-	18,913	-	-
Farta	41,312	11,899	-	-	29,413	-	-
Lay Gayint	43,561	12,848	-	-	30,713	-	-
Tach Gayint	32,668	10,524	*	-	22,011	*	-
Simada	97,466	36,574	-	-	60,892	-	-
Estie	66,408	20,103	-	-	46,305	-	-
Dera	25,044	6,441	*	-	18,543	-	-
Debre Tabor	105	38	-	-	68	-	-
North Wollo Zone	429,284	131,266	-	-	298,018	-	-
Bugna	80,133	26,038	-	-	54,095	-	-
Kobo	62,127	16,238	-	-	45,889	-	-
Gidan	42,134	12,763	-	-	29,371	-	-
Meket	62,935	20,069	-	-	42,866	-	-
Wadla	23,150	7,479	-	-	15,671	-	-
Dawuntna Delanta	63,710	22,404	-	-	41,306	-	-
Guba Lafto	51,257	13,571	-	-	37,686	-	-
Habru	43,829	12,699	-	-	31,129	-	-
Weldia	*	*	-	-	*	-	-
South Wollo Zone	720,544	242,189	-	-	478,355	-	-
Mekdela	46,903	18,902	-	-	28,001	-	-
Tenta	57,712	20,679	-	-	37,033	-	-
Kutaber	43,247	15,186	-	-	28,061	-	-
Ambasel	54,885	17,327	-	-	37,558	-	-
Tehuledere	23,684	7,447	-	-	16,237	-	-
Werebabu	29,222	8,664	-	-	20,557	-	-
Kalu	67,909	23,332	-	-	44,577	-	-
Dessie Zuria	102,686	28,024	-	-	74,662	-	-
Legambo	23,243	9,390	-	-	13,853	-	-
Sayint	115,390	41,920	-	-	73,470	-	-
Debresina	32,701	11,262	-	-	21,439	-	-
Kelala	47,548	15,882	-	-	31,666	-	-
Jama	17,581	6,100	-	-	11,481	-	-
Were Ilu	25,267	7,928	-	-	17,339	-	-
Wegde	32,125	10,006	-	-	22,119	-	-
Kombolcha	209	58	-	-	151	-	-
Dessie	232	82	-	-	150	-	-
North Shewa Zone	517,431	205,446	-	-	311,986	-	-
Middana Weremo	17,966	6,020	-	-	11,947	-	-

TABLE 7-19-a –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Merhabete	24,835	8,363	-	-	16,472	-	-
Insarona Wayu	16,729	5,728	-	-	11,001	-	-
Moretna Jiru	19,535	7,362	-	-	12,173	-	-
Gera Keya	39,533	15,182	-	-	24,351	-	-
Geshe	24,545	9,196	-	-	15,349	-	-
Antsokiya Gemza	14,616	4,187	-	-	10,429	-	-
Efratana Gidim	21,844	8,138	-	-	13,706	-	-
Lalo Midir	31,162	13,372	-	-	17,790	-	-
Mojana Wedera	22,331	9,471	-	-	12,859	-	-
Tarmaber	39,112	16,304	-	-	22,808	-	-
Kewet	34,733	14,303	-	-	20,430	-	-
Asagirt	27,991	11,684	-	-	16,307	-	-
Angolelana Tera	9,174	3,799	-	-	5,374	-	-
Ankober	45,343	20,571	-	-	24,772	-	-
Hagere Mariam	26,167	10,935	-	-	15,231	-	-
Berehet	14,357	5,729	-	-	8,628	-	-
Minjarna Shenkora	45,369	17,206	-	-	28,163	-	-
Debre Berhane	117	49	-	-	68	-	-
Basona Werana	41,973	17,849	-	-	24,124	-	-
East Gojam Zone	215,761	63,177	-	-	152,584	-	-
Bibugn	11,619	3,904	-	-	7,715	-	-
Hulet Ej Enesie	36,168	11,531	-	-	24,636	-	-
Goncha Siso Enesie	17,794	5,066	-	-	12,728	-	-
Enebse Sar Midir	32,706	8,825	-	-	23,881	-	-
Enarj Enawga	25,322	6,929	-	-	18,393	-	-
Enemay	9,240	2,626	-	-	6,614	-	-
Debay Telatgen	4,763	984	-	-	3,779	-	-
Machakel	9,313	2,707	-	-	6,606	-	-
Gozamin	12,086	3,620	-	-	8,466	-	-
Baso Liben	21,260	6,233	-	-	15,027	-	-
Awabel	10,782	3,021	-	-	7,761	-	-
Dejen	12,544	4,224	-	-	8,320	-	-
Shebel Berenta	12,147	3,498	-	-	8,649	-	-
Debre Markos	*	*	-	-	*	-	-
West Gojam Zone	181,795	57,630	-	-	124,165	-	-
Achefer	40,679	12,545	-	-	28,134	-	-
Bahirdar Zuria	26,049	7,939	-	-	18,110	-	-
Yilmana Densa	43,623	14,055	-	-	29,567	-	-
Merawi	15,680	4,755	-	-	10,925	-	-
Sekela	13,427	4,229	-	-	9,198	-	-
Kuarit	7,848	2,307	-	-	5,540	-	-
Dega Damot	13,037	4,227	-	-	8,810	-	-
Dembecha	5,334	1,856	-	-	3,478	-	-
Jabi Tehnan	9,225	3,690	-	-	5,535	-	-
Bure Wemberma	6,895	2,026	-	-	4,868	-	-
Wag Hamra Zone	417,737	141,102	-	-	276,636	-	-
Zikuala	251,395	90,329	-	-	161,066	-	-
Sekota	120,151	36,993	-	-	83,158	-	-
Dehana	46,192	13,780	-	-	32,412	-	-
Awi Zone	91,959	28,598	-	-	63,362	-	-
Dangela	19,437	6,465	-	-	12,972	-	-
Banja	6,381	1,720	-	-	4,662	-	-
Ankasha	17,737	5,664	-	-	12,073	-	-
Guangua	31,216	9,681	-	-	21,535	-	-
Faggeta Lekoma	17,189	5,068	-	-	12,121	-	-
Oromia Zone	119,590	36,857	-	-	82,733	-	-
Chefegolana Dawerahimedo	41,948	12,450	-	-	29,497	-	-
Bati	36,080	10,535	-	-	25,545	-	-
Jile Tumuga	23,156	7,435	-	-	15,721	-	-
Artuma Fursi	18,407	6,438	-	-	11,968	-	-
Bahirdar Special Zone	518	151	-	-	368	-	-
Bahirdar	518	151	-	-	368	-	-

b) Rural Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	3,800,802	1,259,258	•	-	2,541,198	•	•
North Gonder Zone	678,575	213,801	•	-	464,621	•	•
Addi Arkay	74,056	23,774	-	-	50,282	-	-
Beyeda	34,521	11,297	-	-	23,224	-	-
Janamora	40,709	11,547	-	-	29,162	-	-
Debark	39,000	12,103	-	-	26,897	-	-
Dabat	30,308	10,872	-	-	19,436	-	-
Sanja	78,212	27,316	-	-	50,854	•	-
Lay Armacheho	33,429	11,295	-	-	22,134	-	-
Wegera	38,275	12,229	-	-	26,046	-	-
Gonder Zuria	38,692	12,262	-	-	26,430	-	-
Dembia	5,073	1,218	-	-	3,855	-	-
Chilga	55,386	16,890	-	-	38,496	-	-
Metema	28,860	8,216	•	-	20,534	•	•
Quara	26,189	8,585	-	-	17,604	-	-
Alefa	66,701	19,178	-	-	47,523	-	-
Belesa	89,164	27,020	-	-	62,145	-	-
South Gonder Zone	437,927	142,488	•	-	295,245	•	-
Ebenat	70,135	25,424	-	-	44,711	-	-
Kemekem	34,140	9,923	-	-	24,217	-	-
Fogera	27,782	8,924	-	-	18,859	-	-
Farta	41,302	11,891	-	-	29,411	-	-
Lay Gayint	43,412	12,792	-	-	30,619	-	-
Tach Gayint	32,638	10,510	•	-	21,995	•	-
Simada	97,386	36,555	-	-	60,831	-	-
Estie	66,222	20,059	-	-	46,163	-	-
Dera	24,909	6,410	•	-	18,439	-	-
North Wollo Zone	428,272	130,994	-	-	297,278	-	-
Bugna	79,916	25,968	-	-	53,948	-	-
Kobo	61,762	16,157	-	-	45,605	-	-
Gidan	42,051	12,742	-	-	29,308	-	-
Meket	62,908	20,053	-	-	42,855	-	-
Wadla	23,139	7,475	-	-	15,664	-	-
Dawuntna Delanta	63,593	22,366	-	-	41,227	-	-
Guba Lafto	51,257	13,571	-	-	37,686	-	-
Habru	43,647	12,662	-	-	30,985	-	-
South Wollo Zone	718,743	241,567	-	-	477,176	-	-
Mekdela	46,903	18,902	-	-	28,001	-	-
Tenta	57,655	20,656	-	-	36,999	-	-
Kutaber	43,170	15,162	-	-	28,008	-	-
Ambasel	54,778	17,300	-	-	37,478	-	-
Tehuledere	23,461	7,378	-	-	16,083	-	-
Werebabu	28,940	8,560	-	-	20,380	-	-
Kalu	67,673	23,242	-	-	44,431	-	-
Dessie Zuria	102,606	27,990	-	-	74,616	-	-
Legambo	23,143	9,336	-	-	13,808	-	-
Sayint	115,338	41,904	-	-	73,433	-	-
Debresina	32,688	11,258	-	-	21,431	-	-
Kelala	47,525	15,871	-	-	31,654	-	-
Jama	17,567	6,100	-	-	11,467	-	-
Were Ilu	25,190	7,907	-	-	17,282	-	-
Wegde	32,106	10,002	-	-	22,104	-	-
North Shewa Zone	514,504	204,310	-	-	310,195	-	-
Middana Weremo	17,955	6,013	-	-	11,941	-	-
Merhabete	24,789	8,346	-	-	16,443	-	-
Insarona Wayu	16,514	5,658	-	-	10,855	-	-
Moretna Jiru	19,484	7,336	-	-	12,147	-	-
Gera Keya	39,511	15,169	-	-	24,342	-	-
Geshe	24,527	9,185	-	-	15,342	-	-

TABLE 7-19-b –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Antsokiya Gemza	14,529	4,148			10,382		
Efratana Gidim	21,398	7,970			13,429		
Lalo Midir	31,142	13,356			17,786		
Mojana Wedera	22,264	9,444			12,820		
Tarmaber	38,966	16,246			22,720		
Kewet	33,720	13,969			19,751		
Asagirt	27,901	11,632			16,269		
Angolelana Tera	9,171	3,799			5,372		
Ankober	45,017	20,410			24,606		
Hagere Mariam	26,136	10,919			15,216		
Berehet	14,263	5,690			8,573		
Minjarna Shenkora	45,244	17,169			28,075		
Basona Werana	41,973	17,849			24,124		
East Gojam Zone	215,139	62,959			152,180		
Bibugn	11,609	3,903			7,706		
Hulet Ej Enesie	36,048	11,485			24,563		
Goncha Siso Enesie	17,788	5,063			12,725		
Enebse Sar Midir	32,672	8,813			23,858		
Enarj Enawga	25,288	6,920			18,368		
Enemay	9,126	2,582			6,543		
Debay Telatgen	4,763	984			3,779		
Machakel	9,235	2,690			6,546		
Gozamin	12,086	3,620			8,466		
Baso Liben	21,254	6,231			15,023		
Awabel	10,702	2,992			7,710		
Dejen	12,491	4,212			8,279		
Shebel Berenta	12,077	3,464			8,613		
West Gojam Zone	180,398	57,180			123,218		
Achefer	40,351	12,450			27,901		
Bahirdar Zuria	25,972	7,909			18,063		
Yilmana Densa	43,571	14,032			29,539		
Merawi	15,434	4,703			10,731		
Sekela	13,419	4,229			9,190		
Kuarit	7,844	2,305			5,539		
Dega Damot	13,037	4,227			8,810		
Dembecha	5,162	1,797			3,365		
Jabi Tehnan	8,842	3,543			5,299		
Bure Wemberma	6,765	1,984			4,781		
Wag Hamra Zone	416,710	140,818			275,892		
Zikuala	251,179	90,243			160,936		
Sekota	119,664	36,872			82,792		
Dehana	45,867	13,703			32,164		
Awi Zone	91,495	28,455			63,040		
Dangela	19,370	6,445			12,925		
Banja	6,363	1,709			4,653		
Ankasha	17,700	5,649			12,051		
Guangua	30,926	9,607			21,319		
Faggeta Lekoma	17,136	5,045			12,091		
Oromia Zone	119,040	36,685			82,355		
Chefegolana Dawerahimedo	41,692	12,373			29,318		
Bati	35,950	10,498			25,453		
Jile Tumuga	23,055	7,398			15,657		
Artuma Fursi	18,343	6,415			11,928		

c) Urban Holdings

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Amhara Region	15,057	4,689			10,253		
North Gonder Zone	3,689	935			2,640		
Addi Arkay	543	166			377		
Beyeda	26	•			15		
Janamora	•	•			•		
Debark	72	20			52		
Dabat	66	22			44		
Sanja	503	•			300		
Lay Armacheho	33	9			25		
Wegera	78	29			49		
Gonder Zuria	203	52			152		
Dembia	354	100			254		
Chilga	78	21			57		
Metema	1,002	221			781		
Quara	73	32			41		
Alefa	125	40			85		
Belesa	87	•			71		
Gonder	430	103			327		
South Gonder Zone	1,048	308			740		
Ebenat	•	•			23		
Kemekem	231	55			177		
Fogera	85	31			54		
Farta	•	•			•		
Lay Gayint	149	56			93		
Tach Gayint	•	•			•		
Simada	80	19			61		
Estie	186	44			143		
Dera	135	31			104		
Debre Tabor	105	38			68		
North Wollo Zone	1,011	271			740		
Bugna	216	70			147		
Kobo	365	81			284		
Gidan	•	•			62		
Meket	•	•			•		
Wadla	•	•			•		
Dawuntna Delanta	•	•			•		
Habru	182	38			144		
Weldia	•	•			•		
South Wollo Zone	1,801	622			1,180		
Mekdela	-	-			-		
Tenta	58	23			35		
Kutaber	•	•			•		
Ambasel	107	26			81		
Tehuledere	223	69			154		
Werebabu	282	104			177		
Kalu	237	91			146		
Dessie Zuria	•	•			•		
Legambo	100	55			45		
Sayint	•	16			•		
Debresina	•	•			•		
Kelala	22	•			•		
Jama	•	-			•		
Were Ilu	77	21			57		
Wegde	•	•			•		
Kombolcha	209	58			151		
Dessie	232	82			150		
North Shewa Zone	2,927	1,136			1,791		
Middana Weremo	•	•			•		
Merhabete	•	•			•		
Insarona Wayu	215	70			146		

TABLE 7-19-c –(Cont'd)

Geographic Area	Total	MALE			FEMALE		
		Indigenous	Hybrid	Exotic	Indigenous	Hybrid	Exotic
Moretna Jiru	*	*			*		
Gera Keya	*	*			*		
Geshe	*	*			*		
Antsokiya Gemza	86	39			47		
Efratana Gidim	445	168			278		
Lalo Midir	*	*			*		
Mojana Wedera	67	27			39		
Tarmaber	146	57			88		
Kewet	1,013	334			679		
Asagirt	*	*			*		
Angolelana Tera	*	-			*		
Ankober	326	160			166		
Hagere Mariam	31	*			15		
Berehet	94	39			55		
Minjarna Shenkora	125	37			88		
Debre Berhane	117	49			68		
East Gojam Zone	622	218			404		
Bibugn	10	*			8		
Hulet Ej Enesie	120	46			74		
Goncha Siso Enesie	*	*			*		
Enebse Sar Midir	35	12			22		
Enarj Enawga	34	*			25		
Enemay	114	44			70		
Debay Telatgen	-	-			-		
Machakel	*	*			*		
Gozamin	-	-			-		
Baso Liben	*	*			*		
Awabel	80	29			51		
Dejen	*	*			*		
Shebel Berenta	70	33			36		
Debre Markos	*	*			*		
West Gojam Zone	1,397	450			947		
Achefer	328	96			233		
Bahirdar Zuria	77	*			47		
Yilmana Densa	52	23			29		
Merawi	246	52			194		
Sekela	*	-			*		
Kuarit	*	*			*		
Dega Damot	-	-			-		
Dembecha	172	59			113		
Jabi Tehnan	383	147			236		
Bure Wemberma	129	42			87		
Wag Hamra Zone	1,028	284			744		
Zikuala	216	85			130		
Sekota	488	121			366		
Dehana	325	77			248		
Awi Zone	465	142			322		
Dangela	66	19			47		
Banja	19	10			*		
Ankasha	37	15			*		
Guangua	289	74			215		
Faggeta Lekoma	*	*			*		
Oromia Zone	550	173			377		
Chefegolana Dawerahimedo	256	77			179		
Bati	130	37			93		
Jile Tumuga	101	36			65		
Artuma Fursi	64	23			41		
Bahirdar Special Zone	518	151			368		
Bahirdar	518	151			368		

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
Amhara Region	2,477,000	367,795	171,282	131,745	1,107	53,199
North Gonder Zone	225,896	7,054	13,802	20,113	*	16,044
Addi Arkay	23,972	*	5,062	*	-	*
Beyeda	2,274	*	*	1,009	-	*
Janamora	3,942	*	*	3,301	-	*
Debark	5,942	636	*	3,612	-	*
Dabat	5,323	*	*	2,131	-	*
Sanja	12,802	*	*	*	-	*
Lay Armacheho	15,342	*	*	1,209	-	*
Wegera	9,803	102	*	2,968	-	*
Gonder Zuria	32,621	*	*	1,656	-	*
Dembia	27,675	*	*	*	-	*
Chilga	7,955	*	-	749	-	*
Metema	12,490	*	*	*	*	*
Quara	18,662	-	*	*	-	*
Alefa	20,906	*	*	729	-	*
Belesa	24,933	*	*	*	-	-
Gonder	1,254	60	-	94	-	287
South Gonder Zone	230,866	10,151	4,019	11,436	-	1,745
Ebenat	20,980	543	*	*	-	*
Kemekem	19,439	1,434	*	*	-	*
Fogera	20,699	*	*	*	-	*
Farta	23,324	*	-	1,097	-	*
Lay Gayint	16,167	*	*	1,745	-	*
Tach Gayint	12,395	921	1,078	1,903	-	*
Simada	26,890	*	*	*	-	-
Estie	55,305	2,655	*	2,935	-	*
Dera	34,985	705	*	356	-	*
Debre Tabor	682	57	-	28	-	*
North Wollo Zone	249,764	74,940	15,181	5,471	229	*
Bugna	50,704	2,178	*	1,935	-	*
Kobo	29,035	*	1,386	*	*	*
Gidan	18,018	2,680	*	756	-	*
Meket	29,704	*	1,836	*	-	*
Wadla	18,082	38,748	1,940	690	-	*
Dawuntna Delanta	38,144	2,769	*	*	-	-
Guba Lafto	37,358	*	*	423	*	*
Habru	28,591	330	*	*	*	*
Weldia	129	35	-	*	-	*
South Wollo Zone	423,063	106,568	56,667	13,236	249	3,228
Mekdela	8,143	*	*	*	-	-
Tenta	7,056	*	*	*	-	*
Kutaber	7,005	17,909	9,220	*	-	*
Ambasel	19,423	20,888	10,018	*	*	*
Tehuledere	29,572	6,570	*	*	-	372
Werebabu	25,600	1,527	4,959	275	*	*
Kalu	39,171	1,451	7,926	*	*	*
Dessie Zuria	40,939	29,181	9,714	*	-	*
Legambo	11,516	2,553	*	267	-	*
Sayint	15,873	*	*	*	-	-
Debresina	52,346	679	*	1,304	-	*
Kelala	48,672	*	*	4,239	-	*
Jama	28,460	5,205	*	1,735	-	-
Were Ilu	43,482	10,264	-	*	-	*
Wegde	45,066	4,490	2,693	1,523	-	*
Kombolcha	418	152	71	17	-	*
Dessie	322	205	*	-	-	*
North Shewa Zone	168,254	97,144	26,243	9,054	262	17,484
Middana Weremo	5,839	*	*	595	-	*
Merhabete	6,415	396	*	1,147	-	*
Insarona Wayu	12,571	3,343	*	2,135	-	1,714

TABLE 7-20-a -(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Moretna Jiru	1,832	*	-	1,062	-	*
Gera Keya	4,058	53,907	2,356	*	-	477
Geshe	821	832	-	*	-	-
Antsokiya Gemza	9,048	615	592	243	*	278
Efratana Gidim	17,625	2,267	2,740	843	*	*
Lalo Midir	8,730	*	*	*	-	*
Mojana Wedera	*	*	-	*	-	840
Tarmaber	8,209	842	1,955	*	-	360
Kewet	15,964	341	2,967	*	-	3,126
Asagirt	4,997	574	*	*	-	*
Angolelana Tera	20,535	2,378	-	*	-	840
Ankober	9,214	404	*	*	*	728
Hagere Mariam	5,623	*	*	*	-	*
Berehet	5,340	469	1,092	59	39	254
Minjama Shenkora	17,748	3,388	*	222	*	2,051
Debre Berhane	1,467	1,674	*	*	-	476
Basona Werana	10,126	22,149	2,713	*	-	*
East Gojam Zone	362,528	42,393	6,621	15,589	*	3,390
Bibugn	16,154	2,387	*	714	-	*
Hulet Ej Enesie	31,070	1,918	*	3,492	*	*
Goncha Siso Enesie	18,882	3,268	*	820	-	*
Enebse Sar Midir	16,530	*	*	727	-	*
Enarj Enawga	20,676	5,017	*	1,411	-	*
Enemay	26,844	5,017	*	2,254	-	*
Debay Telatgen	15,241	2,792	-	1,757	-	*
Machakel	48,560	2,237	*	*	-	*
Gozamin	39,381	*	-	*	-	*
Baso Liben	32,625	3,556	*	483	-	*
Awabel	53,990	5,860	*	*	-	*
Dejen	22,830	2,068	*	722	-	*
Shebel Berenta	17,088	906	*	232	-	99
Debre Markos	2,659	1,067	*	67	-	*
West Gojam Zone	441,772	12,374	3,017	22,633	-	7,098
Achefer	61,125	1,604	*	5,287	-	2,110
Bahirdar Zuria	25,480	*	*	1,537	-	*
Yilmana Densa	27,760	*	-	*	-	*
Merawi	31,966	794	*	2,184	-	*
Sekela	30,682	826	*	4,194	-	*
Kuarit	23,171	483	*	1,176	-	*
Dega Damot	21,611	*	*	1,755	-	*
Dembecha	73,292	1,889	*	470	-	*
Jabi Tehnan	63,006	642	51	2,047	-	*
Bure Wemberma	83,679	2,560	*	2,385	-	*
Wag Hamra Zone	47,928	7,779	31,784	2,210	-	*
Zikuala	9,387	*	17,803	1,009	-	-
Sekota	9,350	897	6,802	7	-	*
Dehana	29,192	2,362	7,180	1,194	-	*
Awi Zone	211,063	7,385	1,826	31,681	*	1,481
Dangela	50,984	*	*	3,155	-	200
Banja	22,418	986	-	13,061	-	381
Ankasha	55,798	3,825	*	10,119	*	*
Guangua	52,390	*	*	494	-	27
Faggeta Lekoma	29,472	1,460	*	4,851	-	*
Oromia Zone	114,062	1,941	12,091	227	266	1,581
Chefegolana Dawerahimedo	28,938	79	*	*	*	*
Bati	32,764	1,634	8,800	100	*	*
Jile Tumuga	27,620	*	1,379	*	*	*
Artuma Fursi	24,740	160	864	*	-	*
Bahirdar Special Zone	1,804	67	*	95	-	*
Bahirdar	1,804	67	*	95	-	*

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
Amhara Region	2,413,734	350,941	168,593	129,869	1,005	45,724
North Gonder Zone	218,326	6,172	13,627	19,826	-	14,586
Addi Arkay	23,175	*	4,974	*	-	*
Beyeda	2,270	*	*	1,001	-	-
Janamora	3,830	*	*	3,271	-	-
Debark	5,846	577	*	3,561	-	*
Dabat	5,135	*	*	2,086	-	*
Sanja	12,693	-	*	*	-	*
Lay Armacheho	15,263	*	*	1,208	-	*
Wegera	9,499	*	*	2,945	-	*
Gonder Zuria	31,867	*	*	1,654	-	*
Dembia	26,694	*	-	*	-	*
Chilga	7,868	-	-	746	-	*
Metema	10,729	*	*	*	-	*
Quara	18,645	-	*	*	-	*
Alefa	20,269	*	*	706	-	*
Belesa	24,543	*	*	*	-	-
South Gonder Zone	224,069	8,867	3,929	11,114	-	1,486
Ebenat	20,797	460	*	*	-	*
Kemekem	18,430	1,277	*	*	-	*
Fogera	20,016	-	*	*	-	*
Farta	22,925	*	-	*	-	*
Lay Gayint	15,579	*	*	1,668	-	-
Tach Gayint	12,193	892	1,078	1,894	-	*
Simada	26,520	*	*	*	-	-
Estie	53,848	*	-	2,810	-	*
Dera	33,761	596	-	*	-	-
North Wollo Zone	245,453	73,917	14,911	5,392	*	*
Bugna	50,482	1,972	*	1,932	-	-
Kobo	27,174	-	*	*	*	-
Gidan	17,507	2,601	*	724	-	*
Meket	29,316	*	1,833	*	-	*
Wadla	17,818	38,714	1,940	675	-	*
Dawuntna Delanta	37,925	2,586	*	*	-	-
Guba Lafto	37,358	*	*	423	*	*
Habru	27,872	*	*	*	*	-
South Wollo Zone	417,086	103,640	56,314	13,057	242	2,898
Mekdela	8,136	*	*	*	-	-
Tenta	6,776	*	*	*	-	-
Kutaber	6,706	17,560	9,212	*	-	*
Ambasel	19,176	20,813	9,975	*	*	-
Tehuledere	28,770	6,283	*	*	-	*
Werebabu	25,359	1,449	4,915	270	*	*
Kalu	38,189	1,413	7,873	*	*	*
Dessie Zuria	40,760	28,983	9,702	-	-	*
Legambo	11,165	*	*	246	-	-
Sayint	15,740	*	*	*	-	-
Debresina	51,878	660	*	1,300	-	-
Kelala	48,321	*	*	4,204	-	*
Jama	28,320	5,179	*	1,735	-	-
Were Ilu	42,965	9,857	-	*	-	-
Wegde	44,823	4,416	2,693	1,519	-	*
North Shewa Zone	160,392	92,652	25,249	8,922	243	14,442
Middana Weremo	5,497	-	*	569	-	*
Merhabete	6,309	*	*	1,140	-	*
Insarona Wayu	12,209	2,908	*	2,131	-	1,572
Moretna Jiru	1,693	*	-	1,025	-	*
Gera Keya	4,016	53,557	2,356	*	-	*
Geshe	812	778	-	*	-	-
Antsokiya Gemza	8,323	413	546	233	-	*

TABLE 7-20-b –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Efratana Gidim	15,877	2,026	2,585	818	•	•
Lalo Midir	8,654	•	•	•	•	•
Mojana Wedera	•	•	-	•	•	•
Tarmaber	7,871	•	1,937	•	•	•
Kewet	14,591	•	2,363	•	•	•
Asagirt	4,904	555	•	•	-	•
Angolelana Tera	20,156	2,281	-	•	-	726
Ankober	9,110	•	•	•	•	•
Hagere Mariam	5,561	•	•	•	-	•
Berehet	5,258	459	1,082	59	•	240
Minjarna Shenkora	17,336	3,219	•	220	•	1,862
Basona Werana	10,126	22,149	2,713	•	-	•
East Gojam Zone	354,343	38,546	6,504	15,394	•	2,839
Bibugn	16,067	2,357	•	711	-	•
Hulet Ej Enesie	30,405	1,585	•	3,465	•	•
Goncha Siso Enesie	18,793	3,107	•	814	-	•
Enebse Sar Midir	16,136	•	•	725	-	•
Enarj Enawga	20,020	4,778	•	1,394	-	•
Enemay	26,205	4,542	•	2,217	-	•
Debay Telatgen	15,109	2,721	-	1,736	-	•
Machakel	47,620	1,988	-	•	-	-
Gozamin	39,315	•	-	•	-	•
Baso Liben	32,060	3,286	•	478	-	•
Awabel	53,151	5,489	•	•	-	•
Dejen	22,495	1,729	•	722	-	-
Shebel Berenta	16,968	•	•	232	-	-
West Gojam Zone	430,439	10,894	2,902	22,348	-	6,622
Achefer	59,514	1,185	•	5,229	-	•
Bahirdar Zuria	24,729	•	•	1,525	-	•
Yilmana Densa	27,143	•	-	•	-	•
Merawi	31,327	724	•	2,177	-	•
Sekela	30,401	738	•	4,170	-	-
Kuarit	23,027	302	-	1,170	-	•
Dega Damot	21,506	•	•	1,755	-	-
Dembecha	71,681	1,742	•	447	-	•
Jabi Tehnan	59,672	•	-	1,990	-	-
Bure Wemberma	81,439	2,409	•	2,311	-	-
Wag Hamra Zone	47,382	7,699	31,355	2,201	-	•
Zikuala	9,387	•	17,803	1,009	-	-
Sekota	9,078	848	6,590	-	-	-
Dehana	28,918	2,331	6,963	1,192	-	•
Awi Zone	204,318	6,802	1,804	31,397	•	954
Dangela	49,707	•	•	3,070	-	-
Banja	21,567	•	-	13,005	-	•
Ankasha	54,107	3,599	•	10,022	•	•
Guangua	50,077	•	•	486	-	-
Faggeta Lekoma	28,859	1,367	•	4,815	-	•
Oromia Zone	111,927	1,754	11,999	219	247	1,340
Chefegolana Dawerahimedo	27,657	-	•	•	•	•
Bati	32,621	1,589	8,782	100	•	•
Jile Tumuga	27,450	•	1,360	•	-	•
Artuma Fursi	24,198	•	844	-	-	•

c) Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	63,266	16,854	2,689	1,875	102	7,475
North Gonder Zone	7,570	882	175	287	*	1,458
Addi Arkay	797	-	88	-	-	-
Beyeda	*	*	-	*	-	*
Janamora	112	42	*	29	-	*
Debark	96	59	-	51	-	*
Dabat	188	151	*	45	-	*
Sanja	*	*	-	*	-	-
Lay Armacheho	80	*	*	*	-	41
Wegera	305	68	*	22	-	*
Gonder Zuria	754	66	*	*	-	*
Dembia	981	*	*	-	-	502
Chilga	86	*	-	*	-	*
Metema	1,761	*	*	-	*	*
Quara	17	-	7	-	-	-
Alefa	636	173	*	23	-	*
Belesa	390	*	*	*	-	-
Gonder	1,254	60	-	94	-	287
South Gonder Zone	6,797	1,284	90	322	-	259
Ebenat	183	83	*	-	-	*
Kemekem	1,010	158	42	*	-	139
Fogera	683	*	-	*	-	*
Farta	399	*	-	25	-	*
Lay Gayint	588	107	*	77	-	*
Tach Gayint	202	*	-	*	-	*
Simada	370	*	-	27	-	-
Estie	1,457	668	*	124	-	*
Dera	1,224	109	*	*	-	*
Debre Tabor	682	57	-	28	-	*
North Wollo Zone	4,311	1,023	270	79	54	122
Bugna	222	207	64	*	-	*
Kobo	1,860	*	*	*	54	*
Gidan	510	79	*	32	-	*
Meket	388	291	*	*	-	*
Wadla	264	*	-	*	-	-
Dawuntna Delanta	218	183	-	*	-	-
Habru	719	123	69	*	-	*
Weldia	129	35	-	*	-	*
South Wollo Zone	5,977	2,928	353	179	*	330
Mekdela	*	*	-	-	-	-
Tenta	281	432	*	9	-	*
Kutaber	299	349	*	-	-	-
Ambasel	247	74	43	*	-	*
Tehuledere	802	287	55	*	-	231
Werebabu	241	77	*	*	*	-
Kalu	982	*	53	-	*	*
Dessie Zuria	178	198	*	*	-	*
Legambo	351	438	*	22	-	*
Sayint	132	44	*	-	-	-
Debresina	467	19	-	*	-	*
Kelala	350	56	-	35	-	-
Jama	140	*	-	-	-	-
Were Ilu	517	407	-	*	-	*
Wegde	242	74	-	*	-	-
Kombolcha	418	152	71	17	-	*
Dessie	322	205	*	-	-	*
North Shewa Zone	7,862	4,493	994	132	*	3,042
Middana Weremo	342	*	-	26	-	54
Merhabete	106	115	-	*	-	*
Insarona Wayu	362	435	*	*	-	142

TABLE 7-20-c –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Moretna Jiru	139	93	-	37	-	*
Gera Keya	42	350	-	*	-	66
Geshe	*	*	-	*	-	-
Antsokiya Gemza	725	202	*	*	*	258
Efratana Gidim	1,748	*	155	24	*	294
Lalo Midir	76	158	*	*	-	*
Mojana Wodera	*	*	-	-	-	*
Tarmaber	338	211	*	-	-	162
Kewet	1,373	232	603	*	-	559
Asagirt	93	19	*	-	-	*
Angolelana Tera	378	97	-	-	-	114
Ankober	105	315	38	-	-	330
Hagere Mariam	62	23	-	-	-	*
Berehet	83	*	*	-	*	*
Minjarna Shenkora	412	169	*	*	-	188
Debre Berhane	1,467	1,674	*	*	-	476
East Gojam Zone	8,185	3,847	117	194	-	552
Bibugn	87	30	*	*	-	*
Hulet Ej Enesie	665	333	10	27	-	*
Goncha Siso Enesie	89	161	-	*	-	-
Enebse Sar Midir	394	84	*	*	-	-
Enarj Enawga	656	239	*	17	-	*
Enemay	639	476	40	38	-	*
Debay Telatgen	132	71	-	22	-	*
Machakel	940	249	*	*	-	*
Gozamin	66	85	-	*	-	*
Baso Liben	565	270	*	*	-	*
Awabel	839	371	*	*	-	*
Dejen	335	340	-	-	-	*
Shebel Berenta	120	73	*	-	-	99
Debre Markos	2,659	1,067	*	67	-	*
West Gojam Zone	11,333	1,480	115	284	-	475
Achefer	1,611	419	43	58	-	314
Bahirdar Zuria	751	*	-	12	-	-
Yilmana Densa	617	67	-	23	-	*
Merawi	639	71	-	8	-	-
Sekela	281	88	*	23	-	*
Kuarit	144	181	*	*	-	*
Dega Damot	105	*	-	-	-	*
Dembecha	1,611	148	-	*	-	*
Jabi Tehnan	3,335	314	51	56	-	*
Bure Wemberma	2,240	152	*	75	-	*
Wag Hamra Zone	547	80	429	9	-	*
Zikuala	-	-	-	-	-	-
Sekota	272	*	212	7	-	*
Dehana	274	*	217	*	-	-
Awi Zone	6,745	583	*	284	-	527
Dangela	1,277	135	*	85	-	200
Banja	851	92	-	57	-	209
Ankasha	1,692	225	-	98	-	*
Guangua	2,313	38	*	*	-	27
Faggeta Lekoma	613	93	*	36	-	74
Oromia Zone	2,135	188	92	*	*	241
Chefegolana Dawerahimedo	1,281	79	*	*	*	48
Bati	143	45	18	-	*	44
Jile Tumuga	170	-	*	-	*	*
Artuma Fursi	542	63	*	*	-	139
Bahirdar Special Zone	1,804	67	*	95	-	*
Bahirdar	1,804	67	*	95	-	*

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
Amhara Region	1,100,058	507,309	439,212	103,273	1,606	2,489,714
North Gonder Zone	283,416	84,354	99,811	22,415	237	810,816
Addi Arkay	12,553	3,021	10,650	990	-	28,935
Beyeda	3,179	14,526	3,994	839	-	5,702
Janamora	7,082	19,554	5,038	2,588	-	16,681
Debark	6,024	6,529	6,540	1,320	*	30,213
Dabat	10,533	1,924	6,933	1,844	-	43,982
Sanja	28,412	426	8,163	705	*	28,930
Lay Armacheho	13,671	1,208	2,136	939	-	52,016
Wegera	10,421	11,765	6,613	2,934	-	117,364
Gonder Zuria	16,425	4,478	6,001	2,995	-	47,847
Dembia	30,465	1,194	*	522	-	44,740
Chilga	48,294	1,486	14,005	1,652	-	152,314
Metema	10,786	1,761	6,768	323	*	63,511
Quara	14,786	*	1,859	215	-	33,719
Alefa	33,700	2,179	10,852	1,913	-	110,758
Belesa	36,503	14,011	10,042	2,596	*	31,012
Gonder	582	151	35	41	-	3,095
South Gonder Zone	150,456	38,226	46,951	10,491	*	249,247
Ebenat	16,845	4,647	8,950	1,277	-	12,693
Kemekem	20,142	5,700	9,244	1,485	*	34,026
Fogera	46,597	1,235	4,889	1,854	-	103,478
Farta	11,518	4,428	5,165	1,368	-	20,944
Lay Gayint	10,040	9,501	2,085	1,228	-	15,857
Tach Gayint	3,319	1,264	3,551	901	-	4,642
Simada	6,851	3,444	7,615	664	-	7,614
Estie	15,024	6,207	2,495	1,237	-	13,551
Dera	20,030	1,745	2,944	473	-	35,729
Debre Tabor	90	57	*	*	-	712
North Wollo Zone	49,657	41,898	30,713	2,922	*	83,128
Bugna	8,762	5,455	5,077	1,055	-	1,703
Kobo	15,736	756	9,300	242	*	51,147
Gidan	4,986	*	2,647	*	-	*
Meket	3,468	*	*	303	-	*
Wadla	3,818	11,915	1,745	415	-	*
Dawuntna Delanta	3,697	1,919	3,436	377	*	*
Guba Lafto	1,931	*	1,311	*	-	1,292
Habru	7,250	2,087	4,950	*	*	19,555
Weldia	9	20	-	*	-	51
South Wollo Zone	73,723	99,446	63,452	8,384	283	136,523
Mekdela	7,623	17,473	6,389	*	-	10,500
Tenta	4,608	4,429	3,062	760	-	2,254
Kutaber	2,202	12,891	3,835	*	-	5,046
Ambasel	3,013	8,685	7,935	*	*	17,161
Tehuledere	4,771	2,712	*	439	-	14,824
Werebabu	3,997	509	3,838	367	*	6,342
Kalu	7,374	891	3,875	458	*	9,271
Dessie Zuria	8,166	17,195	7,546	696	-	36,377
Legambo	2,615	5,722	1,046	220	-	3,684
Sayint	7,739	8,866	17,793	996	-	18,849
Debresina	3,117	5,222	*	605	-	1,035
Kelala	6,678	2,102	1,218	921	-	1,317
Jama	2,620	6,344	*	625	-	3,842
Were Ilu	4,217	5,880	296	470	-	4,583
Wegde	4,918	434	1,093	423	-	*
Kombolcha	38	22	*	*	-	158
Dessie	*	69	*	*	-	752
North Shewa Zone	64,139	101,316	80,209	10,802	183	397,258
Middana Weremo	5,736	479	2,943	821	-	17,496

TABLE 7-21-a –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Merhabete	6,146	739	6,401	1,036	-	33,265
Insarona Wayu	4,391	5,885	2,356	1,098	-	46,258
Moretna Jiru	2,996	676	4,170	855	-	18,928
Gera Keya	3,921	20,708	4,091	863	-	39,776
Geshe	1,059	6,037	1,187	153	-	4,740
Antsokiya Gemza	2,557	1,135	1,096	281	-	5,861
Efratana Gidim	2,281	1,136	1,292	233	-	10,832
Lalo Midir	4,363	12,785	4,782	789	-	22,621
Mojana Wedera	1,690	11,328	2,972	327	-	9,234
Tarmaber	3,634	1,872	7,598	651	-	20,095
Kewet	4,359	2,027	8,964	404	-	40,557
Asagirt	2,424	3,919	5,736	452	-	17,401
Angolelana Tera	3,941	7,715	1,322	563	-	25,701
Ankober	2,934	1,800	8,220	*	*	12,846
Hagere Mariam	1,827	3,429	4,138	489	-	15,408
Berehet	2,233	1,390	3,254	214	55	5,300
Minjarna Shenkora	4,795	3,377	5,133	1,099	*	25,782
Debre Berhane	195	664	*	*	-	3,086
Basona Werana	2,659	14,215	4,552	429	-	22,070
East Gojam Zone	110,437	54,288	26,653	19,385	*	67,483
Bibugn	2,761	5,914	*	804	-	3,204
Hulet Ej Enesie	13,382	5,454	*	*	*	7,881
Goncha Siso Enesie	8,283	6,877	3,388	1,457	-	3,761
Enebse Sar Midir	4,784	1,796	6,656	519	-	1,802
Enarj Enawga	3,865	3,233	*	698	-	616
Enemay	3,242	3,112	*	626	-	7,005
Debay Telatgen	4,354	2,851	*	1,275	-	3,725
Machakel	23,027	7,515	*	877	-	20,312
Gozamin	19,219	9,046	*	1,837	-	10,063
Baso Liben	9,035	1,804	814	681	-	*
Awabel	12,295	4,641	3,679	1,437	-	3,898
Dejen	3,293	1,005	2,272	219	-	1,887
Shebel Berenta	2,493	565	264	368	-	*
Debre Markos	405	474	-	*	-	696
West Gojam Zone	206,700	44,697	19,474	14,379	*	545,133
Achefer	48,722	5,441	5,851	4,140	-	141,305
Bahirdar Zuria	40,947	2,403	3,494	2,036	-	85,859
Yilmana Densa	12,869	5,379	4,718	1,157	-	65,240
Merawi	29,507	3,401	*	507	*	110,924
Sekela	5,088	5,078	527	1,092	-	5,106
Kuarit	6,390	2,609	*	856	-	7,983
Dega Damot	6,146	7,967	*	863	-	16,160
Dembecha	15,200	1,856	177	590	-	21,306
Jabi Tehnan	22,871	4,000	984	1,360	-	44,825
Bure Wemberma	18,959	6,563	*	1,780	-	46,424
Wag Hamra Zone	31,242	17,885	41,207	1,596	-	32,981
Zikuala	4,068	*	9,941	223	-	*
Sekota	20,716	*	25,651	547	-	*
Dehana	6,458	4,132	5,615	*	-	11,713
Awi Zone	99,099	22,966	15,531	12,116	-	106,550
Dangela	37,742	3,212	2,840	1,662	-	42,365
Banja	6,222	5,073	*	3,849	-	11,562
Ankasha	12,313	6,541	4,443	4,577	-	10,630
Guangua	35,888	4,340	6,630	985	-	38,161
Faggeta Lekoma	6,935	3,800	1,098	1,043	-	3,831
Oromia Zone	30,012	2,042	15,204	706	318	45,177
Chefegolana Dawerahimedo	15,524	853	4,758	*	*	25,022
Bati	3,773	517	5,546	*	*	3,675
Jile Tumuga	4,709	126	2,967	153	*	6,903
Artuma Fursi	6,007	546	1,932	*	-	9,577
Bahirdar Special Zone	1,176	191	*	77	-	15,418
Bahirdar	1,176	191	*	77	-	15,418

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	1,084,805	497,385	436,761	102,199	1,541	2,380,852
North Gonder Zone	280,466	82,813	99,027	22,109	•	788,801
Addi Arkay	12,292	3,009	10,570	990	-	28,433
Beyeda	3,178	14,502	3,993	835	-	5,697
Janamora	7,054	19,478	5,017	2,583	-	16,479
Debark	5,948	6,381	6,534	1,309	•	29,247
Dabat	10,501	1,885	6,933	1,831	-	42,802
Sanja	28,145	-	7,763	559	-	25,527
Lay Armacheho	13,611	1,181	2,134	937	-	51,651
Wegera	10,372	11,684	6,587	2,926	-	116,616
Gonder Zuria	16,253	4,435	5,966	2,988	-	46,465
Dembia	30,177	1,097	•	517	-	42,303
Chilga	48,193	1,406	14,005	1,652	-	151,790
Metema	10,445	1,660	6,658	283	•	58,273
Quara	14,765	•	1,852	215	-	33,663
Alefa	33,260	2,016	10,836	1,900	-	109,011
Belesa	36,272	13,937	10,039	2,584	•	30,843
South Gonder Zone	148,367	37,362	46,782	10,398	•	239,698
Ebenat	16,824	4,613	8,949	1,277	-	12,543
Kemekem	19,800	5,590	9,129	1,460	•	31,961
Fogera	45,717	1,037	4,884	1,834	-	99,675
Farta	11,480	4,426	5,165	1,362	-	20,897
Lay Gayint	9,618	9,391	2,083	1,216	-	15,384
Tach Gayint	3,296	1,264	3,551	901	-	4,607
Simada	6,802	3,389	7,612	653	-	7,541
Estie	14,998	6,049	2,495	1,228	-	13,323
Dera	19,833	1,605	2,915	468	-	33,767
North Wollo Zone	48,909	41,677	30,444	2,895	•	77,098
Bugna	8,712	5,425	5,059	1,054	-	1,638
Kobo	15,193	706	9,097	227	•	45,746
Gidan	4,944	•	2,643	•	-	•
Meket	3,441	•	•	303	-	•
Wadla	3,803	11,915	1,745	415	-	•
Dawuntna Delanta	3,696	1,904	3,436	375	•	•
Guba Lafto	1,931	•	1,311	•	-	1,292
Habru	7,190	•	4,906	•	•	19,124
South Wollo Zone	73,148	98,485	63,364	8,296	283	132,452
Mekdela	7,616	17,422	6,389	•	-	10,500
Tenta	4,575	4,341	3,062	756	-	2,195
Kutaber	2,034	12,535	3,823	•	-	4,818
Ambasel	3,010	8,661	7,928	•	•	16,882
Tehuledere	4,720	2,666	•	413	-	14,063
Werebabu	3,981	499	3,824	357	•	6,127
Kalu	7,306	873	3,875	455	•	8,420
Dessie Zuria	8,131	17,143	7,546	691	-	35,788
Legambo	2,578	5,639	1,046	206	-	3,653
Sayint	7,735	8,864	17,793	996	-	18,849
Debresina	3,117	5,170	•	604	-	1,032
Kelala	6,662	2,096	1,218	921	-	1,317
Jama	2,601	6,323	•	621	-	3,788
Were Ilu	4,169	5,822	•	468	-	4,490
Wegde	4,912	431	1,093	423	-	•
North Shewa Zone	62,680	99,069	79,647	10,683	175	378,355
Middana Weremo	5,661	436	2,943	786	-	17,230
Merhabete	5,945	626	6,395	1,018	-	31,708
Insarona Wayu	4,312	5,734	2,343	1,092	-	45,702
Moretna Jiru	2,954	630	4,170	852	-	18,367
Gera Keya	3,888	20,508	4,078	853	-	39,093
Geshe	1,056	6,006	1,187	151	-	4,723
Antsokiya Gemza	2,397	1,056	1,084	275	-	4,629
Efratana Gidim	2,103	954	1,215	228	-	8,176

TABLE 7-21-b –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Lalo Midir	4,341	12,637	4,782	786	-	22,103
Mojana Wedera	1,675	11,266	2,969	327	-	8,981
Tarmaber	3,574	1,764	7,594	649	-	18,821
Kewet	4,196	1,872	8,582	403	-	37,913
Asagirt	2,415	3,873	5,736	452	-	17,232
Angolelana Tera	3,901	7,646	1,322	559	-	25,118
Ankober	2,914	1,752	8,192	*	*	12,289
Hagere Mariam	1,795	3,417	4,131	488	-	14,984
Berehet	2,216	1,387	3,251	211	*	5,098
Minjarna Shenkora	4,678	*	5,123	1,089	*	24,117
Basona Werana	2,659	14,215	4,552	429	-	22,070
East Gojam Zone	109,223	52,967	26,616	19,314	*	65,527
Bibugn	2,753	5,914	*	804	-	3,202
Hulet Ej Enesie	13,246	5,304	*	*	*	7,591
Goncha Siso Enesie	8,231	6,806	3,386	1,455	-	3,738
Enebse Sar Midir	4,729	1,761	6,656	515	-	1,765
Enarj Enawga	3,817	3,160	*	693	-	*
Enemay	3,183	3,001	*	609	-	6,867
Debay Telatgen	4,352	2,850	*	1,275	-	3,708
Machakel	22,822	7,441	*	872	-	19,999
Gozamin	19,197	8,978	*	1,830	-	9,992
Baso Liben	8,948	1,696	814	676	-	*
Awabel	12,210	4,579	3,674	1,436	-	3,681
Dejen	3,263	932	2,272	219	-	1,875
Shebel Berenta	2,473	*	254	368	-	*
West Gojam Zone	203,690	43,112	19,272	14,239	*	525,827
Achefer	48,319	5,114	5,793	4,115	-	137,348
Bahirdar Zuria	40,606	2,363	3,492	2,032	-	83,400
Yilmana Densa	12,787	5,309	4,718	1,154	-	64,363
Merawi	29,006	3,205	*	499	*	108,254
Sekela	5,068	5,015	527	1,089	-	4,871
Kuarit	6,363	2,549	*	853	-	7,801
Dega Damot	6,139	7,964	*	863	-	16,157
Dembecha	14,827	1,697	148	566	-	19,803
Jabi Tehnan	22,037	3,598	947	1,327	-	40,255
Bure Wemberma	18,538	6,298	*	1,742	-	43,576
Wag Hamra Zone	31,039	17,859	41,006	1,581	-	32,887
Zikuala	4,068	*	9,941	223	-	*
Sekota	20,556	*	25,480	532	-	*
Dehana	6,415	4,132	5,585	*	-	11,651
Awi Zone	97,599	22,086	15,470	11,984	-	97,320
Dangela	37,059	2,969	2,832	1,604	-	39,606
Banja	6,133	4,879	*	3,825	-	10,359
Ankasha	12,183	6,364	4,443	4,552	-	9,044
Guangua	35,381	4,185	6,580	972	-	35,303
Faggeta Lekoma	6,843	3,689	1,098	1,030	-	3,008
Oromia Zone	29,683	1,955	15,132	700	*	42,887
Chefegolana Dawerahimedo	15,318	807	4,711	*	*	24,101
Bati	3,757	507	5,542	*	*	3,353
Jile Tumuga	4,689	126	2,962	152	*	6,662
Artuma Fursi	5,920	516	1,917	*	-	8,771

c) Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	15,253	9,924	2,451	1,073	65	108,862
North Gonder Zone	2,951	1,541	785	306	•	22,016
Addi Arkay	261	•	80	-	-	502
Beyeda	•	24	•	•	-	•
Janamora	29	77	•	•	-	202
Debark	76	148	•	11	-	965
Dabat	32	39	-	•	-	1,180
Sanja	267	426	•	146	•	3,403
Lay Armacheho	59	27	•	•	-	365
Wegera	49	80	•	•	-	748
Gonder Zuria	171	43	35	•	-	1,382
Dembia	288	97	•	•	-	2,437
Chilga	101	80	-	-	-	524
Metema	341	100	110	40	•	5,238
Quara	22	-	7	-	-	56
Alefa	440	162	•	•	-	1,747
Belesa	231	•	•	•	-	169
Gonder	582	151	35	41	-	3,095
South Gonder Zone	2,089	864	169	93	-	9,549
Ebenat	22	34	•	-	-	150
Kemekem	342	110	115	•	-	2,065
Fogera	880	198	•	20	-	3,804
Farta	38	•	-	•	-	47
Lay Gayint	•	110	•	•	-	473
Tach Gayint	23	-	-	-	-	•
Simada	50	56	•	•	-	•
Estie	25	158	-	•	-	228
Dera	197	139	•	•	-	1,962
Debre Tabor	90	57	•	•	-	712
North Wollo Zone	748	221	269	27	23	6,029
Bugna	50	30	•	•	-	65
Kobo	544	51	203	•	23	5,402
Gidan	42	•	•	•	-	•
Meket	27	•	-	-	-	-
Wadla	•	-	-	-	-	-
Dawuntna Delanta	•	15	-	•	-	•
Habru	60	87	•	•	-	431
Weldia	9	20	-	•	-	51
South Wollo Zone	575	961	88	88	-	4,071
Mekdela	•	•	-	-	-	-
Tenta	33	88	-	•	-	59
Kutaber	168	356	•	•	-	•
Ambasel	•	24	•	-	-	279
Tehuledere	51	46	•	•	-	761
Werebabu	16	•	•	•	-	215
Kalu	68	•	-	•	-	850
Dessie Zuria	35	53	-	•	-	589
Legambo	37	•	-	•	-	•
Sayint	•	•	-	-	-	-
Debresina	-	•	-	•	-	•
Kelala	16	•	-	-	-	-
Jama	19	•	-	•	-	54
Were Ilu	48	58	•	•	-	93
Wegde	•	•	-	-	-	-
Kombolcha	38	22	•	•	-	158
Dessie	•	69	•	•	-	752
North Shewa Zone	1,459	2,247	561	119	•	18,904
Middana Weremo	75	43	-	36	-	266
Merhabete	201	114	•	18	-	1,557

TABLE 7-21-c –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Insarona Wayu	79	152	*	*	-	556
Moretna Jiru	42	46	-	*	-	561
Gera Keya	33	200	*	*	-	683
Geshe	*	*	-	*	-	*
Antsokiya Gemza	160	79	*	*	*	1,232
Efratana Gidim	178	*	77	*	-	2,656
Lalo Midir	21	148	-	*	-	518
Mojana Wedera	*	62	*	-	-	253
Tarmaber	61	108	*	*	-	1,274
Kewet	163	155	383	*	-	2,644
Asagirt	*	47	-	-	-	168
Angolelana Tera	40	69	-	*	-	584
Ankober	19	48	*	*	-	557
Hagere Mariam	*	*	*	*	-	424
Berehet	17	*	*	*	*	202
Minjarna Shenkora	117	86	*	10	-	1,665
Debre Berhane	195	664	*	*	-	3,086
East Gojam Zone	1,214	1,321	37	71	-	1,956
Bibugn	*	-	-	-	-	*
Hulet Ej Enesie	136	150	*	10	-	290
Goncha Siso Enesie	53	71	*	*	-	*
Enebse Sar Midir	55	35	-	*	-	37
Enarj Enawga	48	72	*	*	-	*
Enemay	59	111	*	*	-	139
Debay Telatgen	*	*	-	-	-	*
Machakel	205	75	*	*	-	314
Gozamin	22	69	-	7	-	71
Baso Liben	88	108	-	*	-	*
Awabel	85	62	*	*	-	217
Dejen	30	72	-	-	-	*
Shebel Berenta	20	20	*	-	-	*
Debre Markos	405	474	-	*	-	696
West Gojam Zone	3,010	1,585	202	140	-	19,305
Achefer	404	327	*	25	-	3,957
Bahirdar Zuria	341	40	*	*	-	2,459
Yilmana Densa	82	70	-	*	-	877
Merawi	501	196	*	*	-	2,669
Sekela	20	63	-	*	-	236
Kuarit	27	60	-	*	-	183
Dega Damot	*	*	-	-	-	*
Dembecha	373	159	*	24	-	1,503
Jabi Tehnan	834	402	37	33	-	4,570
Bure Wemberma	421	265	*	38	-	2,848
Wag Hamra Zone	203	27	200	15	-	94
Zikuala	-	-	-	-	-	-
Sekota	160	27	171	15	-	32
Dehana	43	-	*	-	-	62
Awi Zone	1,500	881	61	132	-	9,229
Dangela	683	244	*	57	-	2,759
Banja	89	193	*	24	-	1,203
Ankasha	129	177	-	*	-	1,585
Guangua	507	155	50	13	-	2,858
Faggeta Lekoma	92	111	-	13	-	824
Oromia Zone	329	86	72	*	*	2,290
Chefegolana Dawerahimedo	206	46	46	*	*	922
Bati	16	*	*	*	-	322
Jile Tumuga	20	-	*	*	*	*
Artuma Fursi	87	31	*	-	-	806
Bahirdar Special Zone	1,176	191	*	77	-	15,418
Bahirdar	1,176	191	*	77	-	15,418

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
Amhara Region	367,896	98,513	63,464	29,679	786	65,987
North Gonder Zone	56,990	9,112	9,613	5,749	*	17,236
Addi Arkay	4,082	*	*	*	-	1,299
Beyeda	367	703	*	137	-	*
Janamora	1,148	*	*	659	-	*
Debark	378	1,098	*	*	-	1,235
Dabat	2,641	*	*	253	-	524
Sanja	5,560	*	467	235	*	*
Lay Armacheho	5,040	*	313	*	-	*
Wegera	*	*	-	*	-	*
Gonder Zuria	4,936	536	*	762	-	*
Dembia	6,779	*	*	*	-	652
Chilga	3,256	278	*	*	-	1,411
Metema	1,232	*	596	*	*	*
Quara	4,973	*	428	*	-	403
Alefa	6,708	*	*	879	-	2,741
Belesa	6,800	*	*	730	*	-
Gonder	298	116	*	12	-	426
South Gonder Zone	55,834	10,659	4,602	3,193	-	5,097
Ebenat	4,468	*	*	*	-	*
Kemekem	6,855	3,293	1,432	348	-	442
Fogera	19,208	369	*	*	-	*
Farta	3,488	*	*	*	-	*
Lay Gayint	3,667	3,199	*	554	-	*
Tach Gayint	1,320	*	*	320	-	*
Simada	1,890	*	*	*	-	*
Estie	*	*	*	*	-	-
Dera	5,940	378	*	*	-	*
Debre Tabor	68	18	*	*	-	53
North Wollo Zone	14,582	7,054	8,249	*	*	1,049
Bugna	3,291	1,328	*	*	-	*
Kobo	2,853	48	1,650	*	*	*
Gidan	2,058	*	*	-	-	*
Meket	*	*	*	-	-	-
Wadla	980	3,709	*	-	-	-
Dawuntna Delanta	1,872	*	*	*	-	*
Guba Lafto	850	*	*	-	-	*
Habru	*	*	*	*	*	*
Weldia	9	18	-	*	-	*
South Wollo Zone	23,123	28,934	11,367	2,177	*	2,593
Mekdela	927	1,302	-	*	-	-
Tenta	*	342	*	*	-	-
Kutaber	494	7,961	*	*	-	*
Ambasel	819	3,243	2,566	*	*	*
Tehuledere	2,820	1,649	*	*	-	*
Werebabu	1,460	*	*	*	-	-
Kalu	1,284	*	*	280	*	-
Dessie Zuria	1,076	6,859	*	*	-	*
Legambo	918	*	-	*	-	*
Sayint	514	*	*	*	-	-
Debresina	1,740	*	-	*	-	-
Kelala	2,724	796	*	*	-	-
Jama	1,167	*	-	*	-	*
Were Ilu	*	2,488	*	*	-	*
Wegde	3,340	*	*	*	-	-
Kombolcha	12	18	*	*	-	*
Dessie	9	42	*	-	-	*
North Shewa Zone	18,272	13,906	7,486	2,397	81	9,050
Middana Weremo	1,585	*	-	*	-	*
Merhabete	1,391	*	*	*	-	*
Insarona Wayu	1,339	1,125	*	307	-	1,781

TABLE 7-22-a –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Moretna Jiru	580	-	-	268	-	-
Gera Keya	-	4,775	433	-	-	434
Geshe	85	-	-	-	-	-
Antsokiya Gemza	1,183	158	288	-	-	260
Efratana Gidim	1,117	-	210	-	-	-
Lalo Midir	640	-	-	-	-	-
Mojana Wedera	153	524	-	-	-	-
Tarmaber	1,284	126	576	-	-	-
Kewet	838	244	542	-	-	1,007
Asagirt	163	254	182	38	-	-
Angolelana Tera	1,414	1,069	-	-	-	1,193
Ankober	509	-	193	-	-	640
Hagere Mariam	340	-	-	-	-	-
Berehet	855	291	1,140	36	53	138
Minjarna Shenkora	2,824	-	-	497	-	-
Debre Berhane	156	341	-	-	-	372
Basona Werana	870	-	-	-	-	-
East Gojam Zone	42,791	8,726	1,599	3,325	-	2,050
Bibugn	656	352	-	-	-	-
Hulet Ej Enesie	4,584	409	-	791	-	67
Goncha Siso Enesie	3,880	-	-	622	-	-
Enebse Sar Midir	1,225	-	-	-	-	-
Enarj Enawga	1,419	-	-	-	-	-
Enemay	1,206	382	-	-	-	-
Debay Telatgen	681	415	-	431	-	-
Machakel	9,518	1,215	-	-	-	-
Gozamin	7,552	888	-	-	-	-
Baso Liben	3,816	941	-	438	-	-
Awabel	5,364	851	-	-	-	-
Dejen	1,513	202	-	-	-	-
Shebel Berenta	1,111	-	-	-	-	-
Debre Markos	267	343	-	-	-	177
West Gojam Zone	97,168	11,513	2,609	6,090	-	22,849
Achefer	27,365	3,023	838	2,276	-	5,528
Bahirdar Zuria	12,864	-	-	550	-	-
Yilmana Densa	2,347	-	-	-	-	-
Merawi	13,241	-	-	-	-	786
Sekela	993	250	-	541	-	-
Kuarit	2,227	531	-	-	-	-
Dega Damot	753	-	-	-	-	-
Dembecha	9,761	668	-	202	-	-
Jabi Tehnan	13,964	1,190	-	679	-	165
Bure Wemberma	13,652	2,736	-	1,007	-	-
Wag Hamra Zone	6,898	1,753	11,697	264	-	-
Zikuala	739	-	3,527	-	-	-
Sekota	3,659	-	5,484	-	-	-
Dehana	2,500	-	-	-	-	-
Awi Zone	43,424	6,575	1,789	6,169	-	4,372
Dangela	18,759	1,807	-	773	-	2,047
Banja	1,143	502	-	1,431	-	246
Ankasha	7,054	2,249	-	-	-	-
Guangua	13,443	464	-	220	-	-
Faggeta Lekoma	3,025	1,552	-	-	-	-
Oromia Zone	7,918	170	4,451	105	-	580
Chefegolana Dawerahimedo	4,022	110	968	-	-	274
Bati	1,433	-	2,732	-	-	35
Jile Tumuga	1,245	-	512	-	-	-
Artuma Fursi	1,218	-	-	-	-	-
Bahirdar Special Zone	893	111	-	-	-	1,089
Bahirdar	893	111	-	-	-	1,089

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	357,402	92,371	62,364	29,080	731	55,832
North Gonder Zone	55,360	8,309	9,338	5,591	*	15,537
Addi Arkay	3,933	*	*	*	-	*
Beyeda	366	696	*	137	-	-
Janamora	1,143	*	*	656	-	*
Debark	341	1,015	*	*	-	1,164
Dabat	2,629	*	*	248	-	*
Sanja	5,336	-	*	*	-	*
Lay Armacheho	4,993	*	313	*	-	*
Wegera	*	*	-	-	-	*
Gonder Zuria	4,827	505	*	760	-	*
Dembia	6,579	*	*	*	-	*
Chilga	3,163	*	*	*	-	1,283
Metema	1,117	-	580	*	*	*
Quara	4,952	*	*	*	-	403
Alefa	6,527	*	*	871	-	*
Belesa	6,680	*	*	727	*	-
South Gonder Zone	54,433	10,095	4,555	3,145	-	3,589
Ebenat	4,456	*	*	*	-	*
Kemekem	6,648	3,219	1,400	326	-	*
Fogera	18,492	*	*	*	-	*
Farta	3,459	*	*	*	-	*
Lay Gayint	3,512	3,119	*	547	-	*
Tach Gayint	1,304	*	*	320	-	*
Simada	1,855	*	*	*	-	-
Estie	*	*	*	*	-	-
Dera	5,791	*	*	*	-	-
North Wollo Zone	14,105	6,904	8,072	*	*	*
Bugna	3,261	1,301	*	*	-	-
Kobo	2,505	-	1,500	*	*	-
Gidan	2,026	*	*	-	-	*
Meket	*	*	*	-	-	-
Wadla	965	3,709	*	-	-	-
Dawuntna Delanta	1,871	*	*	-	-	*
Guba Lafto	850	*	*	-	-	*
Habru	*	*	*	*	*	*
South Wollo Zone	22,752	28,283	11,319	2,138	*	2,429
Mekdela	920	1,252	-	*	-	-
Tenta	*	*	*	*	-	-
Kutaber	342	7,648	*	*	-	*
Ambasel	817	3,226	2,562	*	*	*
Tehuledere	2,792	1,618	*	*	-	*
Werebabu	1,451	*	*	*	-	-
Kalu	1,242	*	*	280	*	-
Dessie Zuria	1,063	6,846	*	*	-	*
Legambo	900	*	*	*	-	-
Sayint	511	*	*	*	-	-
Debresina	1,740	*	*	*	-	-
Kelala	2,715	793	*	*	-	-
Jama	1,155	*	*	*	-	*
Were Ilu	*	2,463	*	*	-	*
Wegde	3,334	*	*	*	-	-
North Shewa Zone	17,251	12,729	7,273	2,337	75	6,639
Middana Weremo	1,537	-	-	*	-	*
Merhabete	1,274	*	*	*	-	-
Insarona Wayu	1,270	*	-	302	-	1,595
Moretna Jiru	545	*	*	264	-	*
Gera Keya	*	4,668	431	*	-	*
Geshe	82	*	-	*	-	-
Antsokiya Gemza	1,054	*	*	*	-	-
Efratana Gidim	1,002	*	*	*	-	*

TABLE 7-22-b –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Lalo Midir	622	*	*	*	-	*
Mojana Wedera	141	489	*	*	-	*
Tarmaber	1,246	*	572	*	-	*
Kewet	734	*	*	*	-	*
Asagirt	155	217	182	38	-	*
Angolelana Tera	1,386	1,057	*	*	-	*
Ankober	499	*	189	-	*	*
Hagere Mariam	336	*	*	*	-	*
Berehet	847	288	1,140	36	*	*
Minjarna Shenkora	2,723	*	*	490	-	*
Basona Werana	870	*	*	*	-	*
East Gojam Zone	41,928	7,794	1,585	3,276	*	*
Bibugn	648	352	-	*	-	*
Hulet Ej Enesie	4,479	320	-	785	*	-
Goncha Siso Enesie	3,856	*	*	622	-	*
Enebse Sar Midir	1,190	*	*	*	-	*
Enarj Enawga	1,385	*	-	*	-	-
Enemay	1,153	*	-	*	-	*
Debay Telatgen	681	414	-	431	-	-
Machakel	9,372	1,172	-	*	-	*
Gozamin	7,540	856	-	*	-	*
Baso Liben	3,733	836	*	438	-	-
Awabel	5,307	812	*	*	-	-
Dejen	1,490	*	*	-	-	*
Shebel Berenta	1,093	*	-	*	-	-
West Gojam Zone	94,952	10,368	2,538	5,991	-	21,638
Achefer	27,049	2,789	823	2,262	-	*
Bahirdar Zuria	12,657	*	*	546	-	*
Yilmana Densa	2,289	*	-	*	-	*
Merawi	12,890	*	-	*	-	*
Sekela	988	186	-	538	-	*
Kuarit	2,204	491	-	*	-	*
Dega Damot	748	*	-	*	-	-
Denibecha	9,465	*	*	189	-	*
Jabi Tehnan	13,330	*	*	655	-	-
Bure Wemberma	13,333	2,576	*	974	-	*
Wag Hamra Zone	6,737	1,736	11,513	253	-	-
Zikuala	739	*	3,527	*	-	-
Sekota	3,520	*	5,317	*	-	-
Dehana	2,478	*	*	*	-	-
Awi Zone	42,195	6,039	1,773	6,062	-	3,182
Dangela	18,162	1,597	*	716	-	*
Banja	1,086	458	*	1,423	-	*
Ankasha	6,967	2,144	*	*	-	*
Guangua	13,026	346	*	*	-	*
Faggeta Lekoma	2,953	1,494	*	*	-	*
Oromia Zone	7,688	*	4,399	105	*	*
Chefegolana Dawerahimedo	3,875	*	933	-	*	*
Bati	1,426	*	2,731	*	*	-
Jile Tumuga	1,232	-	508	*	-	-
Artuma Fursi	1,155	*	*	*	-	*

c) Urban Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	10,494	6,142	1,100	599	55	10,155
North Gonder Zone	1,630	803	275	158	•	1,699
Addi Arkay	149	•	58	-	-	•
Beyeda	•	•	•	-	-	•
Janamora	•	•	-	•	-	-
Debark	37	83	-	•	-	•
Dabat	12	27	-	•	-	103
Sanja	223	•	•	•	•	-
Lay Armacheho	47	21	-	•	-	77
Wegera	19	•	-	•	-	-
Gonder Zuria	109	31	•	•	-	77
Dembia	200	50	•	•	-	278
Chilga	93	67	-	-	-	128
Metema	115	•	17	•	•	•
Quara	20	-	7	-	-	-
Alefa	181	106	•	•	-	193
Belesa	120	•	•	•	-	-
Gonder	298	116	•	12	-	426
South Gonder Zone	1,401	564	46	48	-	1,509
Ebenat	13	•	•	-	-	•
Kemekem	206	73	•	•	-	164
Fogera	716	182	•	•	-	490
Farta	28	-	-	•	-	•
Lay Gayint	•	80	•	•	-	123
Tach Gayint	16	-	-	-	-	•
Simada	36	•	•	•	-	•
Estie	13	47	-	-	-	-
Dera	150	121	-	•	-	•
Debre Tabor	68	18	•	•	-	53
North Wollo Zone	477	150	177	•	15	224
Bugna	31	28	•	-	-	•
Kobo	349	48	149	-	15	•
Gidan	32	•	•	-	-	•
Meket	18	•	-	-	-	-
Wadla	•	-	-	-	-	-
Dawuntna Delanta	•	•	-	-	-	-
Habru	22	•	•	•	-	-
Weldia	9	18	-	•	-	•
South Wollo Zone	371	651	•	39	-	164
Mekdela	•	•	-	-	-	-
Tenta	16	•	-	•	-	-
Kutaber	152	313	•	-	-	-
Ambasel	•	17	•	-	-	•
Tehuledere	29	31	-	•	-	71
Werebabu	•	•	-	•	-	-
Kalu	43	•	-	-	-	-
Dessie Zuria	14	13	-	-	-	•
Legambo	17	•	-	•	-	•
Sayint	•	-	-	-	-	-
Debresina	-	•	-	-	-	-
Kelala	9	•	-	-	-	-
Jama	12	•	-	-	-	-
Were Ilu	31	25	-	-	-	•
Wegde	•	•	-	-	-	-
Kombolcha	12	18	•	•	-	•
Dessie	9	42	•	-	-	•
North Shewa Zone	1,022	1,177	214	60	•	2,411
Middana Weremo	48	•	-	•	-	•
Merhabete	117	75	-	12	-	•

TABLE 7-22-c –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Insarona Wayu	69	95	-	-	-	186
Moretna Jiru	35	30	-	-	-	-
Gera Keya	20	107	-	-	-	182
Geshe	-	-	-	-	-	-
Antsokiya Gemza	129	57	-	-	-	260
Efratana Gidim	115	-	-	-	-	-
Lalo Midir	18	46	-	-	-	-
Mojana Wedera	-	-	-	-	-	-
Tarmaber	38	64	-	-	-	87
Kewet	105	108	146	-	-	376
Asagirt	-	37	-	-	-	-
Angolelana Tera	27	-	-	-	-	98
Ankober	-	23	-	-	-	173
Hagere Mariam	-	-	-	-	-	-
Berehet	8	-	-	-	-	41
Minjarna Shenkora	100	86	-	-	-	266
Debre Berhane	156	341	-	-	-	372
East Gojam Zone	863	933	14	49	-	449
Bibugn	-	-	-	-	-	-
Hulet Ej Enesie	104	89	-	-	-	67
Goncha Siso Enesie	24	28	-	-	-	-
Enebse Sar Midir	35	21	-	-	-	-
Enarj Enawga	34	68	-	-	-	-
Enemay	53	77	-	-	-	38
Debay Telatgen	-	-	-	-	-	-
Machakel	146	42	-	-	-	-
Gozamin	12	31	-	-	-	-
Baso Liben	83	105	-	-	-	-
Awabel	56	-	-	-	-	-
Dejen	23	68	-	-	-	-
Shebel Berenta	18	-	-	-	-	-
Debre Markos	267	343	-	-	-	177
West Gojam Zone	2,216	1,145	71	99	-	1,212
Achefer	316	234	-	14	-	317
Bahirdar Zuria	208	16	-	-	-	-
Yilmana Densa	59	68	-	-	-	-
Merawi	351	115	-	-	-	132
Sekela	-	63	-	-	-	-
Kuarit	24	39	-	-	-	-
Dega Damot	-	-	-	-	-	-
Dembecha	297	140	-	-	-	395
Jabi Tehnan	634	309	22	24	-	165
Bure Wemberma	319	160	-	33	-	-
Wag Hamra Zone	161	-	184	-	-	-
Zikuala	-	-	-	-	-	-
Sekota	139	-	167	-	-	-
Dehana	-	-	-	-	-	-
Awi Zone	1,229	536	-	107	-	1,190
Dangela	597	210	-	57	-	580
Banja	57	43	-	-	-	211
Ankasha	87	105	-	-	-	35
Guangua	416	118	-	11	-	148
Faggeta Lekoma	71	59	-	11	-	215
Oromia Zone	230	54	52	-	-	187
Chefegolana Dawerahimedo	147	42	-	-	-	103
Bati	7	-	-	-	-	35
Jile Tumuga	14	-	-	-	-	-
Artuma Fursi	63	-	-	-	-	-
Bahirdar Special Zone	893	111	-	-	-	1,089
Bahirdar	893	111	-	-	-	1,089

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
Amhara Region	413,072	357,447	326,051	51,916	498	2,297,532
North Gonder Zone	112,735	69,171	75,735	13,725	•	750,859
Addi Arkay	5,699	1,858	6,440	321	-	21,697
Beyeda	1,566	12,538	2,576	462	-	5,175
Janamora	3,377	16,267	4,339	1,005	-	15,741
Debark	4,158	5,653	5,612	654	•	29,529
Dabat	2,703	1,398	4,545	1,294	-	38,936
Sanja	14,166	320	6,292	533	•	24,834
Lay Armacheho	6,657	1,188	1,425	572	-	47,065
Wegera	4,735	10,632	5,484	2,474	-	115,578
Gonder Zuria	4,276	3,720	4,981	2,062	-	46,689
Dembia	5,046	773	•	231	-	41,991
Chilga	11,824	510	9,942	•	-	139,891
Metema	5,597	1,421	5,478	248	•	56,134
Quara	9,428	•	1,366	176	-	31,171
Alefa	14,685	1,409	8,848	1,160	-	103,510
Belesa	18,673	11,314	8,338	1,529	-	30,005
Gonder	145	54	32	32	-	2,913
South Gonder Zone	38,037	25,119	33,779	4,267	-	221,684
Ebenat	•	3,590	6,902	760	-	•
Kemekem	3,959	4,113	5,907	708	-	31,680
Fogera	8,144	826	•	•	-	89,817
Farta	4,350	3,616	4,014	783	-	19,165
Lay Gayint	2,894	5,214	1,789	384	-	14,511
Tach Gayint	803	1,126	3,255	558	-	4,008
Simada	1,399	2,725	6,055	•	-	6,117
Estie	2,719	3,349	1,749	•	-	12,571
Dera	7,570	•	•	•	-	31,751
Debre Tabor	33	22	•	•	-	646
North Wollo Zone	17,340	25,570	18,884	1,581	•	77,315
Bugna	1,428	2,531	2,427	645	-	1,165
Kobo	6,868	534	6,331	•	•	48,568
Gidan	1,334	•	1,038	•	-	•
Meket	•	•	•	•	-	•
Wadla	1,430	6,958	1,261	•	-	•
Dawuntna Delanta	1,471	1,290	•	•	-	•
Guba Lafto	648	•	1,131	•	-	1,135
Habru	3,096	1,228	2,949	-	-	17,461
Weldia	-	•	-	-	-	45
South Wollo Zone	29,880	65,631	47,927	3,965	•	123,399
Mekdela	4,821	13,527	6,108	•	-	10,269
Tenta	1,663	3,339	1,818	•	-	1,660
Kutaber	1,062	8,140	1,908	•	-	4,832
Ambasel	923	5,368	5,752	-	-	16,423
Tehuledere	978	1,414	•	•	-	13,346
Werebabu	1,726	383	2,732	•	•	4,848
Kalu	3,256	382	2,643	•	•	8,806
Dessie Zuria	4,145	8,999	6,412	•	-	32,848
Legambo	1,189	4,125	571	•	-	3,357
Sayint	3,191	5,477	13,891	•	-	15,345
Debresina	1,109	4,220	•	•	-	933
Kelala	2,089	•	942	•	-	1,277
Jama	1,330	4,658	•	•	-	3,690
Were Ilu	1,540	4,290	•	435	-	4,510
Wegde	826	•	507	•	-	•
Kombolcha	17	•	•	•	-	150
Dessie	•	27	•	-	-	706
North Shewa Zone	29,200	76,384	68,771	5,505	•	378,463
Middana Weremo	3,094	376	2,554	440	-	16,054
Merhabete	3,043	•	5,851	613	-	31,619
Insarona Wayu	1,942	4,741	1,972	491	-	45,057

TABLE 7-23-a –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Moretna Jiru	1,330	309	3,726	369	-	18,298
Gera Keya	2,122	15,021	3,582	•	-	39,135
Geshe	374	4,451	1,046	•	-	4,522
Antsokiya Gemza	1,104	887	872	140	-	5,325
Efratana Gidim	696	843	1,131	•	-	10,562
Lalo Midir	1,929	10,829	3,962	441	-	21,250
Mojana Wedera	648	8,130	2,460	223	-	8,906
Tarmaber	1,247	1,573	6,414	229	-	19,053
Kewet	2,458	1,902	8,188	268	-	39,786
Asagirt	1,431	2,862	5,223	197	-	16,210
Angolelana Tera	1,382	5,665	•	306	-	23,609
Ankober	1,421	1,580	7,502	•	-	12,346
Hagere Mariam	743	2,714	3,287	258	-	15,083
Berehet	1,384	1,149	2,531	135	•	4,895
Minjarna Shenkora	1,871	•	3,273	498	-	23,237
Debre Berhane	46	349	•	•	-	2,853
Basona Werana	935	10,472	4,179	178	-	20,664
East Gojam Zone	38,570	38,882	23,604	7,762	-	64,161
Bibugn	1,100	3,790	•	350	-	3,049
Hulet Ej Enesie	5,986	4,342	•	1,047	-	7,357
Goncha Siso Enesie	2,763	5,564	3,064	1,030	-	3,408
Enebse Sar Midir	1,440	1,268	6,104	•	-	1,602
Enarj Enawga	1,639	2,753	•	527	-	521
Enemay	1,279	2,423	•	394	-	6,815
Debay Telatgen	1,761	1,985	•	908	-	3,198
Machakel	5,721	5,087	•	599	-	20,027
Gozamin	5,754	6,218	•	1,020	-	9,753
Baso Liben	3,484	1,114	590	328	-	•
Awabel	5,596	3,093	2,892	1,040	-	3,641
Dejen	1,244	511	•	108	-	1,833
Shebel Berenta	643	•	262	225	-	•
Debre Markos	158	274	-	•	-	632
West Gojam Zone	72,790	30,092	15,367	7,784	•	500,874
Achefer	16,593	3,447	4,224	2,147	-	127,236
Bahirdar Zuria	14,181	1,749	2,323	1,474	-	82,004
Yilmana Densa	4,697	3,213	3,940	650	-	59,141
Merawi	8,378	1,569	•	304	•	99,508
Sekela	2,985	3,957	527	535	-	4,781
Kuarit	2,626	1,828	•	397	-	7,446
Dega Damot	2,395	5,313	•	304	-	15,473
Dembecha	4,671	796	•	190	-	19,901
Jabi Tehnan	9,345	2,962	846	727	-	41,796
Bure Wemberma	6,919	5,258	•	1,056	-	43,587
Wag Hamra Zone	16,100	10,182	21,864	1,054	-	27,095
Zikuala	2,779	•	7,321	123	-	•
Sekota	10,646	•	12,492	250	-	•
Dehana	2,675	3,080	2,051	•	-	8,173
Awi Zone	44,187	15,187	10,599	5,893	-	97,244
Dangela	16,006	1,794	1,891	640	-	37,900
Banja	4,662	4,400	•	2,763	-	11,440
Ankasha	4,492	3,827	2,750	1,264	-	9,665
Guangua	15,811	2,740	4,723	573	-	34,838
Faggeta Lekoma	3,217	2,426	906	653	-	3,402
Oromia Zone	13,944	1,189	9,516	340	•	42,867
Chefegolana Dawerahimedo	8,597	509	3,328	•	•	23,793
Bati	1,279	•	3,305	•	-	3,426
Jile Tumuga	1,556	•	1,290	•	•	6,486
Artuma Fursi	2,511	264	1,593	•	-	9,161
Bahirdar Special Zone	289	•	•	•	-	13,571
Bahirdar	289	•	•	•	-	13,571

b) Rural Holdings

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	407,995	352,224	324,322	51,331	458	2,196,053
North Gonder Zone	111,586	68,208	75,202	13,544	•	729,913
Addi Arkay	5,601	1,856	6,410	321	-	21,235
Beyeda	1,565	12,525	2,576	461	-	5,170
Janamora	3,352	16,195	4,319	1,004	-	15,540
Debark	4,113	5,566	5,612	652	•	28,599
Dabat	2,691	1,388	4,545	1,285	-	37,815
Sanja	14,063	-	6,044	445	-	21,570
Lay Armacheho	6,648	1,181	1,425	572	-	46,718
Wegera	4,709	10,562	5,457	2,471	-	114,835
Gonder Zuria	4,220	3,698	4,953	2,058	-	45,366
Dembia	4,995	714	-	229	-	39,688
Chilga	11,814	487	9,942	•	-	139,396
Metema	5,335	1,345	5,384	226	•	51,213
Quara	9,423	•	1,361	176	-	31,116
Alefa	14,551	1,326	8,835	1,158	-	101,793
Belesa	18,504	11,248	8,338	1,518	-	29,858
South Gonder Zone	37,714	24,746	33,669	4,222	-	213,274
Ebenat	•	3,570	6,902	760	-	•
Kemekem	3,867	4,058	5,827	685	-	29,784
Fogera	8,028	•	•	•	-	86,269
Farta	4,341	3,614	4,014	783	-	19,118
Lay Gayint	2,878	5,172	1,788	382	-	14,041
Tach Gayint	803	1,126	3,255	558	-	3,982
Simada	1,395	2,708	6,055	•	-	6,067
Estie	2,706	3,215	1,749	•	-	12,355
Dera	7,542	•	•	•	-	30,391
North Wollo Zone	16,927	25,463	18,691	1,580	•	71,655
Bugna	1,419	2,521	2,423	643	-	•
Kobo	6,499	523	6,169	•	-	43,476
Gidan	1,329	•	1,034	•	-	•
Meket	•	•	•	•	-	•
Wadla	1,430	6,958	1,261	•	-	•
Dawuntna Delanta	1,471	1,286	•	•	-	•
Guba Lafto	648	•	1,131	•	•	•
Habru	3,078	•	2,927	-	-	1,135
South Wollo Zone	29,670	65,276	47,857	3,901	•	17,062
Mekdela	4,821	13,527	6,108	•	-	119,606
Tenta	1,651	3,317	1,818	•	-	10,269
Kutaber	1,037	8,077	1,896	•	-	1,611
Ambasel	923	5,351	5,746	-	-	4,644
Tehuledere	951	1,393	•	•	-	16,149
Werebabu	1,717	377	2,732	•	•	12,618
Kalu	3,215	372	2,643	•	•	4,656
Dessie Zuria	4,130	8,959	6,412	•	-	7,990
Legambo	1,180	4,082	571	•	-	32,332
Sayint	3,191	5,475	13,891	•	-	3,327
Debresina	1,109	4,188	•	•	-	15,345
Kelala	2,084	•	942	•	-	933
Jama	1,316	4,641	•	•	-	1,277
Were Ilu	1,521	4,246	•	433	-	3,636
Wegde	823	•	507	•	-	4,418
North Shewa Zone	28,644	75,080	68,310	5,439	-	•
Middana Weremo	3,059	361	2,554	410	-	360,298
Merhabete	2,971	•	5,845	606	-	15,807
Insarona Wayu	1,914	4,627	1,966	488	-	30,131
Moretna Jiru	1,330	298	3,726	369	-	44,517
Gera Keya	2,106	14,882	3,571	•	-	17,746
Geshe	374	4,423	1,046	•	-	38,457
Antsokiya Gemza	1,049	845	861	140	-	4,505
Efratana Gidim	581	807	1,059	•	-	4,125
						7,974

TABLE 7-23-b –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Lalo Midir	1,927	10,715	3,962	438	-	20,755
Mojana Wedera	640	8,102	2,458	223	-	8,679
Tarmaber	1,223	1,490	6,413	229	-	17,812
Kewet	2,394	1,785	7,879	268	-	37,200
Asagirt	1,425	2,832	5,223	197	-	16,072
Angolelana Tera	1,372	5,607	*	305	-	23,047
Ankober	1,411	1,538	7,476	*	-	11,792
Hagere Mariam	717	2,709	3,280	256	-	14,661
Berehet	1,374	1,147	2,529	132	-	4,700
Minjarna Shenkora	1,843	*	3,267	493	-	21,654
Basona Werana	935	10,472	4,179	178	-	20,664
East Gojam Zone	38,140	38,129	23,579	7,722	-	62,360
Bibugn	1,098	3,790	*	350	-	3,048
Hulet Ej Enesie	5,958	4,258	*	1,044	-	7,097
Goncha Siso Enesie	2,741	5,509	3,061	1,029	-	3,393
Enebse Sar Midir	1,410	1,247	6,104	*	-	1,567
Enarj Enawga	1,618	2,730	*	527	-	508
Enemay	1,264	2,376	*	380	-	6,683
Debay Telatgen	1,760	1,983	*	908	-	3,181
Machakel	5,673	5,038	*	596	-	19,724
Gozamin	5,748	6,179	*	1,017	-	9,689
Baso Liben	3,450	*	590	323	-	*
Awabel	5,550	3,052	2,887	1,039	-	3,433
Dejen	1,235	478	*	108	-	1,827
Shebel Berenta	636	*	254	225	-	*
West Gojam Zone	71,871	29,363	15,202	7,702	*	482,712
Achefer	16,392	3,241	4,169	2,127	-	123,663
Bahirdar Zuria	14,115	1,724	2,323	1,471	-	79,598
Yilmana Densa	4,681	3,198	3,940	647	-	58,358
Merawi	8,246	1,486	*	299	*	97,022
Sekela	2,973	3,928	527	535	-	4,547
Kuarit	2,622	1,802	*	394	-	7,264
Dega Damot	2,391	5,311	*	304	-	15,471
Dembecha	4,569	745	*	178	-	18,572
Jabi Tehnan	9,126	2,839	823	718	-	37,397
Bure Wemberma	6,757	5,089	*	1,029	-	40,820
Wag Hamra Zone	16,043	10,160	21,780	1,042	-	27,031
Zikuala	2,779	*	7,321	123	-	*
Sekota	10,589	*	12,417	238	-	*
Dehana	2,674	3,080	2,043	*	-	8,129
Awi Zone	43,631	14,640	10,556	5,843	-	88,439
Dangela	15,822	1,698	1,885	640	-	35,336
Banja	4,599	4,222	*	2,741	-	10,255
Ankasha	4,425	3,688	2,750	1,249	-	8,119
Guangua	15,611	2,661	4,686	571	-	32,094
Faggeta Lekoma	3,174	2,372	906	642	-	2,634
Oromia Zone	13,771	1,157	9,477	335	*	40,766
Chefegolana Dawerahimedo	8,500	491	3,307	*	*	22,944
Bati	1,269	*	3,302	-	-	3,117
Jile Tumuga	1,546	*	1,287	*	*	6,267
Artuma Fursi	2,455	253	1,581	*	-	8,439

c) Urban Holders

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Amhara Region	5,076	5,223	1,729	585	•	101,478
North Gonder Zone	1,150	963	533	181	•	20,946
Addi Arkay	98	•	30	-	-	462
Beyeda	•	•	-	•	-	•
Janamora	25	72	•	•	-	202
Debark	44	87	-	•	-	930
Dabat	•	9	-	•	-	1,121
Sanja	104	320	•	•	•	3,264
Lay Armacheho	9	•	-	-	-	347
Wegera	26	70	•	•	-	743
Gonder Zuria	56	23	28	•	-	1,322
Dembia	50	59	•	•	-	2,303
Chilga	10	23	-	-	-	495
Metema	262	76	94	23	-	4,920
Quara	5	-	5	-	-	55
Alefa	134	83	•	•	-	1,717
Belesa	169	•	-	•	-	147
Gonder	145	54	32	32	-	2,913
South Gonder Zone	323	374	110	•	-	8,410
Ebenat	10	20	-	-	-	150
Kemekem	92	55	•	•	-	1,896
Fogera	116	50	-	•	-	3,549
Farta	•	•	-	-	-	47
Lay Gayint	16	41	•	•	-	470
Tach Gayint	-	-	-	-	-	•
Simada	•	•	-	•	-	•
Estie	•	135	-	•	-	216
Dera	28	32	•	-	-	1,360
Debre Tabor	33	22	•	•	-	646
North Wollo Zone	413	107	192	•	•	5,661
Bugna	9	10	•	•	-	49
Kobo	369	•	162	-	•	5,092
Gidan	•	•	•	-	-	•
Meket	•	•	-	-	-	-
Wadla	-	-	-	-	-	-
Dawuntna Delanta	-	•	-	-	-	•
Habru	19	68	•	-	-	399
Weldia	-	•	-	-	-	45
South Wollo Zone	211	356	71	65	-	3,793
Mekdela	-	-	-	-	-	-
Tenta	•	•	-	-	-	49
Kutaber	•	•	•	•	-	•
Ambasel	-	17	•	-	-	274
Tehuledere	27	21	•	•	-	727
Werebabu	•	•	-	-	-	192
Kalu	41	•	-	•	-	815
Dessie Zuria	16	40	-	•	-	517
Legambo	•	•	-	•	-	•
Sayint	-	•	-	-	-	-
Debresina	-	•	-	•	-	-
Kelala	•	•	-	-	-	-
Jama	•	•	-	•	-	54
Were Ilu	18	•	•	•	-	92
Wegde	•	•	-	-	-	-
Kombolcha	17	•	•	•	-	150
Dessie	•	27	•	-	-	706
North Shewa Zone	555	1,303	461	66	•	18,165
Middana Weremo	35	•	-	•	-	246
Merhabete	72	63	•	•	-	1,488

TABLE 7-23-c –(Cont'd)

Geographic Area	Cattle	Sheep	Goats	Draught Animals	Camels	Poultry
Instarona Wayu	28	114	*	*	-	540
Moretna Jiru	-	*	-	-	-	552
Gera Keya	*	140	*	*	-	678
Geshe	-	*	-	*	-	*
Antsokiya Gemza	55	42	*	-	-	1,199
Efratana Gidim	115	*	72	-	-	2,588
Lalo Midir	*	114	-	*	-	495
Mojana Wedera	*	*	*	-	-	227
Tarmaber	24	83	*	-	-	1,241
Kewet	64	117	309	-	-	2,586
Asagirt	*	30	-	-	-	138
Angolelana Tera	*	58	-	*	-	562
Ankober	*	42	*	*	-	554
Hagere Mariam	*	*	*	*	-	422
Berehet	10	*	*	*	*	195
Minjarna Shenkora	28	26	*	*	-	1,582
Debre Berhane	46	349	*	*	-	2,853
East Gojam Zone	430	752	26	39	-	1,801
Bibugn	*	-	-	-	-	*
Hulet Ej Enesie	28	85	*	*	-	260
Goncha Siso Enesie	22	55	*	*	-	*
Enebse Sar Midir	30	21	-	*	-	35
Enarj Enawga	22	24	-	-	-	*
Enemay	15	47	*	*	-	133
Debay Telatgen	*	*	-	-	-	*
Machakel	48	49	*	*	-	303
Gozamin	*	38	-	*	-	64
Baso Liben	34	80	-	*	-	*
Awabel	47	41	*	*	-	208
Dejen	9	33	-	-	-	*
Shebel Berenta	*	*	*	-	-	*
Debre Markos	158	274	-	*	-	632
West Gojam Zone	919	729	166	81	-	18,162
Achefer	202	206	*	*	-	3,573
Bahirdar Zuria	65	*	-	*	-	2,406
Yilmana Densa	16	*	-	*	-	784
Merawi	132	83	*	*	-	2,486
Sekela	*	*	-	-	-	233
Kuarit	*	26	-	*	-	182
Dega Damot	*	*	-	-	-	*
Dembecha	101	51	*	*	-	1,329
Jabi Tehnan	219	123	23	*	-	4,399
Bure Wemberma	162	169	*	28	-	2,768
Wag Hamra Zone	57	22	84	*	-	64
Zikuala	-	-	-	-	-	-
Sekota	56	22	*	*	-	*
Dehana	*	-	*	-	-	44
Awi Zone	557	547	*	50	-	8,805
Dangela	184	96	*	-	-	2,564
Banja	63	177	-	22	-	1,184
Ankasha	67	139	-	15	-	1,545
Guangua	200	79	*	*	-	2,743
Faggeta Lekoma	43	54	-	11	-	768
Oromia Zone	173	32	*	*	*	2,100
Chefegolana Dawerahimedo	97	17	*	*	*	849
Bati	*	*	*	*	-	309
Jile Tumuga	10	-	*	-	-	*
Artuma Fursi	56	*	*	-	-	723
Bahirdar Special Zone	289	*	*	*	-	13,571
Bahirdar	289	*	*	*	-	13,571

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
Amhara Region	100	46.58	35.31	0.18	13.08	1.31	3.54
North Gonder Zone	100	43.38	31.63	0.27	17.12	1.64	5.96
Addi Arkay	100	55.29	31.01	0.08	7.04	0.51	6.06
Beyeda	100	36.83	47.14	0.06	9.64	2.29	4.04
Janamora	100	34.09	39.97	0.81	21.78	0.23	3.13
Debark	100	50.52	31.67	0.31	14.2	0.36	2.93
Dabat	100	47.49	34.32	0.23	12.59	0.17	5.21
Sanja	100	80.82	11.63	0.11	6.34	0.26	0.83
Lay Armacheho	100	45.72	17.75	0.16	19.09	1.23	16.05
Wegera	100	26.73	48.19	0.29	19.32	2.28	3.2
Gonder Zuria	100	33.3	39.54	0.37	18.84	4.28	3.66
Dembia	100	32.33	39.72	0.13	19.9	1.03	6.89
Chilga	100	45.04	18.9	0.29	24.2	1.09	10.48
Metema	100	66.33	16.05	0.37	5.85	9.26	2.14
Quara	100	72.26	9.18	0.03	4.32	4.18	10.01
Alefa	100	47.7	26.04	0.34	20.51	0.19	5.22
Belesa	100	32.51	36.5	0.22	21.76	2	7.02
Gonder	100	13.32	9.21	0.26	25.75	18	33.46
South Gonder Zone	100	34.94	43.93	0.17	17.26	1.25	2.45
Ebenat	100	35.54	41.79	0.01	21.36	0.95	0.36
Kemekem	100	37.25	44.87	0.17	13.07	0.71	3.93
Fogera	100	58.63	27.81	0.06	7.47	0.88	5.17
Farta	100	41.22	42.65	0.42	13.87	0.57	1.27
Lay Gayint	100	29.45	43.81	0.14	23.99	0.55	2.07
Tach Gayint	100	30.01	51.77	0.07	15.08	0.73	2.34
Simada	100	27.12	47.5	0.08	22.16	1.2	1.94
Estie	100	21.62	51.25	0.17	21.73	3.24	2
Dera	100	40.61	43.4	0.31	12.21	0.44	3.05
Debre Tabor	100	23.93	4.86	0.27	29.28	11.05	30.61
North Wollo Zone	100	46.51	35.86	0.11	12.07	0.18	5.27
Bugna	100	41.34	36.23	0.04	17.11	0.15	5.13
Kobo	100	57.38	36.22	0.22	1.26	0.14	4.78
Gidan	100	44.58	38.12	0.06	9.37	0.01	7.87
Meket	100	44.93	33.12	0.21	19.59	0.08	2.07
Wadla	100	47.46	32.22	0.15	18.72	0.08	1.36
Dawuntna Delanta	100	45.27	35.6	0.05	14.35	0.04	4.68
Guba Lafto	50	37.41	45.15	0.06	7.36	0.41	9.61
Habru	100	52.97	30.33	0.06	9.27	0.51	6.86
Weldia	100	20.07	23.88	0.13	17.54	6.56	31.81
South Wollo Zone	100	37.19	37.28	0.2	21.37	0.53	3.43
Mekdela	100	31.95	45.78	-	18.53	0.3	3.44
Tenta	100	36.85	29.23	0.09	32.53	0.17	1.13
Kutaber	100	30.2	33.17	0.04	34.2	0.36	2.02
Ambasel	100	27.77	44.75	0.03	18.83	0.55	8.07
Tehuledere	100	35.91	32.02	0.21	24.14	0.38	7.33
Werebabu	100	51.55	35.53	1.76	7.2	2.32	1.65
Kalu	100	51.54	31.8	0.47	15.25	0.09	0.85
Dessie Zuria	100	32.46	33.36	0.29	29.19	0.65	4.05
Legambo	100	50.35	33.1	0.06	13.86	2.18	0.46
Sayint	100	32.71	46.38	0.05	14	0.26	6.59
Debresina	100	38.73	47.36	-	12.94	0.02	0.96
Kelala	100	40.15	31.86	0.06	23.15	0.2	4.59
Jama	100	27.69	37.6	0.14	31.44	0.09	3.04
Were Ilu	100	32.21	36.26	0.15	30.25	0.11	1.02
Wegde	100	40.48	42.52	0.06	11.08	0.21	5.64
Kombolcha	100	38.92	17.55	1.42	15.68	8.24	18.19
Dessie	100	28.66	3.21	0.34	33.48	15.07	19.24
North Shewa Zone	100	37.74	40.12	0.09	16.65	1.69	3.71
Middana Weremo	100	60.88	16.14	0.06	16.54	1.06	5.32

TABLE 7-24-a –(Cont'd)

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Merhabete	100	45.83	26.35	0.07	22.92	1.4	3.43
Imarona Wayu	100	23.55	53.02	0.36	17.28	1.7	4.08
Moretna Jiru	100	32.31	45.62	0.06	15.05	6.33	0.63
Gera Keya	100	31.7	40.96	0.19	22.4	0.89	3.87
Geshe	100	25.06	46.04	0.13	27.17	0.36	1.25
Antsokiya Gemza	100	48.62	35.54	0.08	7.35	1.15	7.26
Efratana Gidim	100	58.58	26.09	0.01	13.04	0.11	2.16
Lalo Midir	100	21.77	49.98	0.04	25.57	0.2	2.45
Mojana Wedera	100	24.36	45.63	0.01	27.31	1.1	1.59
Tarmaber	100	50.23	34.92	0.01	7.61	1.48	5.75
Kewet	100	54.31	32.32	0.02	10.34	2.27	0.73
Asagirt	100	44.29	34.83	-	11.33	1.22	8.33
Angolelana Tera	100	38.56	38.68	-	19.9	1.24	1.62
Ankober	100	45.4	36.31	0.17	12.01	0.63	5.49
Hagere Mariam	100	30.93	48.61	0.07	14.95	0.79	4.65
Berehet	100	60.47	34.83	0.16	2.22	1	1.32
Minjarna Shenkora	100	34.85	54.19	0.09	2.05	4.91	3.9
Debre Berhane	100	13.45	33.71	0.13	11.3	27.48	13.92
Basona Werana	100	23.12	47.34	0.06	23.16	0.77	5.56
East Gojam Zone	100	55.52	37.67	0.2	3.19	1.79	1.64
Bibugn	100	64.08	32.89	0.03	1.28	0.51	1.21
Hulet Ej Enesie	100	61.43	31.29	0.37	4.29	0.88	1.74
Goncha Siso Enesie	100	50.69	37.99	0.08	9.07	1.15	1.03
Enebse Sar Midir	100	40.2	51.33	0.11	3.61	2.55	2.2
Enarj Enawga	100	50.66	44.94	0.11	2.82	0.8	0.68
Enemay	100	53.69	37.72	0.17	2.7	2.04	3.68
Debay Telatgen	100	47.53	46.91	0.54	3.06	0.14	1.81
Machakel	100	63.47	32.4	0.25	1.08	2.03	0.77
Gozamin	100	56.99	37.42	0.06	1.19	2.76	1.58
Baso Liben	100	66.87	30.19	0.05	0.96	1.26	0.67
Awabel	100	59.7	33.82	0.03	3.15	2.72	0.58
Dejen	100	46.17	42.61	0.27	4.91	3.95	2.09
Shebel Berenta	100	43.46	43.68	0.7	6.28	1.25	4.63
Debre Markos	100	49.89	14.21	0.78	5.37	17.37	12.37
West Gojam Zone	100	57.27	31.94	0.19	6.15	2.2	2.25
Achefer	100	47.28	34.8	0.21	15.64	0.54	1.53
Bahirdar Zuria	100	54.95	29.16	0.18	9.78	3.19	2.75
Yilmana Densa	100	39.18	47.27	0.64	9.73	2.17	1.01
Merawi	100	51.72	33.91	0.14	6.58	3.02	4.63
Sekela	100	69.58	24.57	0.1	3.09	0.57	2.09
Kuarit	100	54.88	40.43	0.04	2	1.7	0.96
Dega Damot	100	68.6	29.47	0.03	0.3	1.32	0.28
Dembecha	100	66.36	26.93	0.12	0.71	2.58	3.29
Jabi Tehnan	100	70.23	20.66	0.04	1.09	5.71	2.27
Bure Wemberma	100	72.1	21.64	0.06	1.88	1.14	3.16
Wag Hamra Zone	100	46.56	37.58	0.22	11.46	0.41	3.77
Zikuala	100	57.84	37.63	0.01	4.25	0.14	0.13
Sekota	100	39.26	42.43	0.27	11.17	0.86	6.01
Dehana	100	49.87	31.73	0.26	15.3	-	2.83
Awi Zone	100	70.6	20.78	0.17	4.54	1.24	2.67
Dangela	100	68.54	17.21	0.11	8.24	2.88	3.02
Banja	100	66.36	24.84	0.11	6.27	0.32	2.1
Ankasha	100	74.37	22.15	-	1.37	0.97	1.14
Guangua	100	76.92	15.88	0.03	1.09	1.04	5.04
Faggeta Lekoma	100	65.56	25.39	0.74	5.79	0.58	1.94
Oromia Zone	100	71.15	13.61	0.08	10.82	0.5	3.84
Chefegolana Dawerahimedo	100	69.44	16.1	0.11	10.3	0.07	3.98
Bati	100	73.31	8.54	0.16	9.7	1.92	6.37
Jile Tumuga	100	69.9	14.89	0.02	12.09	0.08	3.02
Artuma Fursi	100	73.11	13.27	0.02	11.93	0.14	1.53
Bahirdar Special Zone	100	14.7	5.55	0.68	14.28	14.52	50.27
Bahirdar	100	14.7	5.55	0.68	14.28	14.52	50.27

b) Rural Holdings

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Amhara Region	100	51.36	32.99	0.16	11.43	1.02	3.04
North Gonder Zone	100	47.45	30.06	0.25	14.90	1.84	5.50
Addi Arkay	100	55.20	31.36	0.08	7.01	0.34	6.02
Beyeda	100	36.91	47.14	0.06	9.60	2.30	4.00
Janamora	100	34.13	40.03	0.81	21.76	0.23	3.03
Debark	100	50.75	32.25	0.29	13.94	0.19	2.57
Dabat	100	47.90	34.44	0.22	12.29	0.12	5.03
Sanja	100	81.60	11.25	0.09	6.10	0.17	0.79
Lay Armacheho	100	45.91	17.86	0.16	19.05	1.18	15.85
Wegera	100	26.80	48.41	0.28	19.21	2.12	3.18
Gonder Zuria	100	33.65	39.92	0.37	18.83	4.22	3.02
Dembia	100	32.59	40.36	0.12	19.61	0.80	6.51
Chilga	100	45.44	19.08	0.29	24.15	0.99	10.05
Metema	100	68.22	16.80	0.32	5.42	8.69	0.55
Quara	100	72.26	9.20	0.03	4.32	4.17	10.03
Alefa	100	47.71	26.25	0.34	20.53	0.13	5.03
Belesa	100	32.63	36.61	0.22	21.66	2.01	6.88
South Gonder Zone	100	35.88	44.40	0.16	16.61	0.95	2.01
Ebenat	100	35.52	41.94	0.01	21.34	0.95	0.24
Kemekem	100	37.50	46.40	0.17	12.66	0.53	2.75
Fogera	100	59.16	28.52	0.06	7.22	0.78	4.27
Farta	100	41.34	42.81	0.42	13.70	0.54	1.20
Lay Gayint	100	29.39	44.34	0.13	23.90	0.47	1.77
Tach Gayint	100	30.14	51.97	0.07	15.07	0.73	2.01
Simada	100	27.17	47.73	0.08	22.09	1.13	1.80
Estie	100	21.69	51.67	0.17	21.49	3.12	1.86
Dera	100	41.00	44.23	0.30	11.98	0.28	2.21
North Wollo Zone	100	46.71	36.02	0.10	12.12	0.17	4.89
Bugna	100	41.65	36.49	0.04	17.01	0.14	4.66
Kobo	100	58.09	36.44	0.23	1.31	0.13	3.81
Gidan	100	45.07	38.19	0.06	9.33	0.00	7.36
Meket	100	45.16	33.26	0.21	19.48	0.06	1.83
Wadla	100	47.37	32.41	0.09	18.84	0.08	1.21
Dawuntna Delanta	100	45.38	35.81	0.05	14.31	0.04	4.42
Guba Lafto	100	37.41	45.15	0.06	7.36	0.41	9.61
Habru	100	53.53	30.39	0.05	9.33	0.50	6.20
South Wollo Zone	100	37.37	37.61	0.22	21.07	0.51	3.21
Mekdela	100	31.97	45.89	0.00	18.40	0.30	3.44
Tenta	100	36.90	29.53	0.09	32.42	0.17	0.88
Kutaber	100	30.04	33.55	0.04	34.14	0.33	1.90
Ambasel	100	27.71	44.95	0.03	18.89	0.53	7.90
Tehuledere	100	35.77	32.63	0.19	24.06	0.27	7.09
Werebabu	100	51.47	35.98	1.79	7.03	2.35	1.38
Kalu	100	51.64	31.81	0.47	15.33	0.09	0.66
Dessie Zuria	100	32.43	33.46	0.29	29.20	0.64	3.99
Legambo	100	50.30	33.25	0.06	13.89	2.19	0.32
Sayint	100	32.73	46.47	0.05	13.91	0.26	6.58
Debresina	100	38.77	47.61	0.00	12.81	0.02	0.79
Kelala	100	40.29	32.00	0.06	22.96	0.19	4.48
Jama	100	27.78	37.79	0.14	31.50	0.06	2.74
Were Ilu	100	32.28	36.69	0.09	30.36	0.10	0.48
Wegde	100	40.48	42.57	0.06	11.09	0.21	5.59
North Shewa Zone	100	39.94	39.65	0.08	15.75	1.25	3.33
Middana Weremo	100	61.16	16.14	0.06	16.75	0.86	5.03
Merhabete	100	46.12	27.00	0.07	23.16	0.81	2.85
Insarona Wayu	100	23.76	53.34	0.37	17.17	1.43	3.92
Moretna Jiru	100	33.08	45.39	0.06	15.39	5.84	0.24
Gera Keya	100	31.83	41.09	0.19	22.39	0.77	3.73
Geshe	100	25.01	46.20	0.13	27.30	0.26	1.10

TABLE 7-24-b –(Cont'd)

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Antsokiya Gemza	100	48.37	36.41	0.07	7.77	1.03	6.35
Efratana Gidim	100	58.61	26.82	0.01	12.93	0.09	1.54
Lalo Midir	100	21.72	50.23	0.04	25.60	0.06	2.36
Mojana Wedera	100	24.45	45.99	0.01	27.35	0.96	1.23
Tarmaber	100	51.65	35.05	0.00	7.21	0.44	5.65
Kewet	100	54.41	33.21	0.02	10.31	1.85	0.20
Asagirt	100	44.35	34.93	0.00	11.50	1.08	8.14
Angolelana Tera	100	38.75	38.84	0.00	19.89	0.94	1.58
Ankober	100	45.52	36.97	0.17	12.10	0.39	4.86
Hagere Mariam	100	30.93	48.82	0.07	14.91	0.69	4.58
Berehet	100	60.88	34.97	0.10	2.26	0.82	0.97
Minjarna Shenkora	100	35.23	54.52	0.09	2.11	4.66	3.39
Basona Werana	100	23.12	47.34	0.06	23.16	0.77	5.56
East Gojam Zone	100	54.30	38.98	0.21	3.35	1.60	1.57
Bibugn	100	64.05	32.93	0.03	1.27	0.51	1.21
Hulet Ej Enesie	100	61.68	31.64	0.35	4.18	0.71	1.43
Goncha Siso Enesie	100	50.61	38.19	0.08	9.07	1.11	0.93
Enebse Sar Midir	100	40.39	51.47	0.10	3.56	2.46	2.01
Enarj Enawga	100	50.57	45.36	0.10	2.78	0.70	0.48
Enemay	100	53.75	38.36	0.17	2.51	1.84	3.38
Debay Telatgen	100	47.44	47.14	0.54	3.03	0.12	1.73
Machakel	100	63.60	32.64	0.24	1.04	1.93	0.54
Gozamin	100	56.96	37.53	0.06	1.19	2.77	1.49
Baso Liben	100	66.82	30.47	0.04	0.94	1.22	0.50
Awabel	100	59.98	34.12	0.03	3.06	2.45	0.37
Dejen	100	46.35	43.10	0.27	4.66	3.74	1.88
Shebel Berenta	100	43.65	43.79	0.67	6.21	1.24	4.44
West Gojam Zone	100	59.88	31.23	0.16	4.94	2.02	1.78
Achefer	100	47.63	35.28	0.21	15.70	0.39	0.80
Bahirdar Zuria	100	55.36	29.67	0.18	9.52	3.00	2.27
Yilmana Densa	100	39.50	47.77	0.65	9.53	1.96	0.59
Merawi	100	52.25	34.26	0.14	6.47	2.77	4.11
Sekela	100	69.81	24.67	0.10	2.99	0.39	2.04
Kuarit	100	54.92	40.57	0.04	1.97	1.62	0.87
Dega Damot	100	68.61	29.53	0.03	0.27	1.29	0.26
Dembecha	100	66.81	27.58	0.12	0.57	2.43	2.49
Jabi Tehnan	100	71.28	21.11	0.02	0.65	5.43	1.51
Bure Wemberma	100	72.58	21.85	0.06	1.76	0.93	2.83
Wag Hamra Zone	100	49.15	37.32	0.18	10.26	0.33	2.75
Zikuala	100	57.78	37.67	0.01	4.27	0.14	0.13
Sekota	100	39.49	42.41	0.27	11.19	0.86	5.77
Dehana	100	50.17	31.87	0.27	15.33	0.00	2.36
Awi Zone	100	71.22	21.38	0.20	4.30	0.95	1.95
Dangela	100	69.76	17.48	0.10	8.00	2.48	2.18
Banja	100	66.79	25.22	0.11	5.95	0.23	1.70
Ankasha	100	75.05	22.34	0.00	1.21	0.91	0.49
Guangua	100	78.53	16.24	0.02	0.83	0.66	3.71
Faggeta Lekoma	100	65.95	25.63	0.75	5.52	0.49	1.67
Oromia Zone	100	71.70	13.28	0.08	11.03	0.53	3.40
Chefegolana Dawerahimedo	100	69.56	16.29	0.11	10.29	0.05	3.70
Bati	100	73.66	8.58	0.16	9.67	1.84	6.10
Jile Tumuga	100	70.03	15.02	0.02	12.00	0.07	2.88
Artuma Fursi	100	73.54	13.22	0.01	12.16	0.14	0.92

c) Urban Holdings

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Amhara Region	100	35.08	17.05	0.38	16.05	8.96	22.47
North Gonder Zone	100	32.25	18.83	0.54	21.73	6.78	19.87
Addi Arkay	100	58.86	17.59	0.04	8.29	7.33	7.89
Beyeda	100	16.62	47.04	1.33	20.17	0.00	14.84
Janamora	100	24.44	24.85	0.37	25.16	0.00	25.18
Debark	100	41.26	8.86	0.83	24.77	6.96	17.32
Dabat	100	20.42	25.79	0.43	32.65	3.51	17.20
Sanja	100	47.34	27.88	1.09	16.45	4.54	2.71
Lay Armacheho	100	22.19	5.25	0.43	24.40	7.09	40.64
Wegera	100	22.39	33.88	0.34	26.20	12.44	4.74
Gonder Zuria	100	15.84	20.39	0.69	19.47	7.46	36.15
Dembia	100	22.45	15.67	0.25	30.95	9.38	21.29
Chilga	100	15.66	5.80	0.30	28.32	8.00	41.91
Metema	100	53.97	11.17	0.68	8.65	12.99	12.55
Quara	100	73.62	6.38	0.69	5.86	7.24	6.21
Alefa	100	47.07	15.28	0.25	19.03	3.38	14.99
Belesa	100	20.37	25.89	0.70	31.42	0.47	21.14
Gonder	100	13.42	9.49	0.26	25.88	17.72	33.23
South Gonder Zone	100	27.54	14.65	0.34	26.53	5.86	25.07
Ebenat	100	39.52	2.98	0.00	25.23	1.40	30.87
Kemekem	100	31.01	7.28	0.19	23.31	5.19	33.02
Fogera	100	43.87	8.29	0.15	14.21	3.60	29.89
Farta	100	24.23	20.34	1.65	37.56	4.86	11.36
Lay Gayint	100	31.89	22.40	0.49	27.58	3.76	13.88
Tach Gayint	100	16.45	31.08	0.14	15.79	0.18	36.35
Simada	100	21.49	17.14	0.00	31.01	9.82	20.54
Estie	100	15.39	16.24	0.00	41.56	13.27	13.53
Dera	100	27.64	15.88	0.55	19.75	5.50	30.68
Debre Tabor	100	23.93	4.86	0.27	29.28	11.05	30.61
North Wollo Zone	100	29.48	21.83	0.96	14.98	1.52	31.23
Bugna	100	14.73	13.94	0.16	25.42	0.85	44.89
Kobo	100	43.99	32.12	0.03	0.36	0.29	23.21
Gidan	100	16.18	33.86	0.00	11.78	0.54	37.64
Meket	100	19.35	17.31	0.07	32.00	1.92	29.34
Wadla	100	57.23	12.30	6.71	6.57	0.00	17.19
Dawuntna Delanta	100	33.74	13.17	0.00	19.35	0.97	32.77
Habru	100	30.53	28.02	0.60	6.84	1.03	32.97
Weldia	100	20.07	23.88	0.13	17.54	6.56	31.81
South Wollo Zone	100	36.56	19.67	0.41	26.00	2.48	14.88
Mekdela	100	27.47	20.35	0.00	48.67	0.00	3.52
Tenta	100	34.24	15.38	0.10	37.55	0.06	12.68
Kutaber	100	41.04	7.71	0.09	38.46	2.24	10.45
Ambasel	100	34.31	22.66	0.31	13.19	2.17	27.35
Tehuledere	100	39.71	15.51	0.84	26.46	3.62	13.87
Werebabu	100	55.59	12.63	0.00	16.01	0.36	15.41
Kalu	100	46.16	31.23	0.45	11.13	0.28	10.75
Dessie Zuria	100	38.13	14.94	0.11	27.21	3.47	16.15
Legambo	100	53.87	23.26	0.00	11.68	1.35	9.85
Sayint	100	28.52	25.06	0.50	35.64	1.72	8.56
Debresina	100	34.52	23.10	0.00	25.08	0.07	17.24
Kelala	100	27.66	19.71	0.00	38.68	0.32	13.64
Jama	100	22.01	25.75	0.29	27.70	2.42	21.83
Were Ilu	100	29.54	20.10	2.50	25.97	0.40	21.49
Wegde	100	40.41	35.97	0.00	9.26	1.00	13.37
Kombolcha	100	38.92	17.55	1.42	15.68	8.24	18.19
Dessie	100	29.47	3.56	0.31	33.61	14.45	18.60
North Shewa Zone	100	32.22	27.20	0.29	12.67	12.12	15.51
Middana Weremo	100	52.16	16.14	0.00	10.23	7.00	14.47
Merhabete	100	39.16	11.06	0.11	17.14	15.30	17.23

TABLE 7-24-c –(Cont'd)

Geographic Area	Total (%)	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Insarona Wayu	100	14.84	39.42	0.00	21.73	13.00	11.01
Moretna Jiru	100	11.98	51.73	0.12	6.13	19.16	10.87
Gera Keya	100	22.42	31.62	0.10	23.00	8.96	13.90
Geshe	100	30.95	26.09	0.40	10.23	12.34	19.99
Antsokiya Gemza	100	52.81	21.16	0.28	0.38	3.22	22.15
Efratana Gidim	100	58.22	13.94	0.02	14.92	0.32	12.57
Lalo Midir	100	25.02	34.25	0.00	23.52	8.96	8.25
Mojana Wedera	100	16.56	16.71	0.00	24.00	12.65	30.08
Tarmaber	100	17.23	31.80	0.30	17.04	25.58	8.05
Kewet	100	52.33	14.75	0.05	11.04	10.63	11.20
Asagirt	100	41.09	29.36	0.00	1.71	8.99	18.85
Angolelana Tera	100	30.29	31.72	0.16	20.46	14.33	3.03
Ankober	100	40.94	12.67	0.00	8.78	9.35	28.26
Hagere Mariam	100	31.00	29.15	0.00	18.74	9.98	11.13
Berehet	100	37.96	26.85	3.75	0.00	10.71	20.73
Minjarna Shenkora	100	23.68	44.62	0.09	0.37	12.43	18.81
Debre Berhane	100	13.48	33.71	0.13	11.33	27.32	14.02
East Gojam Zone	100	50.57	17.93	0.94	7.95	8.09	14.52
Bibugn	100	72.07	20.92	1.77	4.40	0.42	0.42
Hulet Ej Enesie	100	48.89	13.89	1.37	9.66	9.21	16.98
Goncha Siso Enesie	100	58.55	17.62	0.41	8.30	4.66	10.47
Enebse Sar Midir	100	25.26	40.71	0.55	7.84	9.65	16.00
Enarj Enawga	100	56.58	16.78	0.66	5.32	6.90	13.75
Enemay	100	51.76	13.07	0.40	9.95	9.73	15.09
Debay Telatgen	100	61.52	12.20	0.39	8.19	3.60	14.11
Machakel	100	54.78	16.95	0.62	3.60	8.47	15.59
Gozamin	100	61.70	16.59	0.05	2.65	2.10	16.91
Baso Liben	100	70.64	7.34	0.47	2.51	3.86	15.18
Awabel	100	40.82	13.82	0.10	9.90	20.83	14.53
Dejen	100	37.28	17.77	0.48	17.32	14.54	12.62
Shebel Berenta	100	18.32	28.74	5.16	16.27	1.91	29.61
Debre Markos	100	49.75	14.64	0.76	5.41	17.44	11.99
West Gojam Zone	100	41.84	11.33	0.21	12.43	12.97	21.22
Achefer	100	33.68	15.78	0.30	13.17	6.61	30.46
Bahirdar Zuria	100	32.56	1.32	0.15	23.51	13.69	28.77
Yilmana Densa	100	17.38	12.56	0.22	23.65	16.69	29.50
Merawi	100	22.74	14.61	0.13	12.62	16.99	32.91
Sekela	100	43.53	12.61	0.36	14.60	21.72	7.18
Kuarit	100	45.91	10.90	0.00	7.89	16.08	19.21
Dega Damot	100	64.89	9.67	0.22	8.03	11.30	5.89
Dembecha	100	55.11	10.62	0.11	4.14	6.31	23.70
Jabi Tehnan	100	48.46	11.32	0.36	10.15	11.00	18.71
Bure Wemberma	100	54.18	13.88	0.21	6.55	9.29	15.88
Wag Hamra Zone	100	35.73	30.64	0.04	7.16	0.26	26.18
Zikuala	100	67.07	31.80	0.00	0.00	0.00	1.13
Sekota	100	23.00	43.80	0.00	9.54	0.78	22.88
Dehana	100	17.11	16.31	0.11	11.93	0.00	54.54
Awi Zone	100	41.90	9.81	0.13	14.73	7.57	25.85
Dangela	100	35.14	9.78	0.27	14.86	13.90	26.05
Banja	100	47.72	8.27	0.09	20.31	4.20	19.42
Ankasha	100	43.85	13.54	0.00	8.36	3.78	30.47
Guangua	100	42.39	7.95	0.09	6.76	9.14	33.66
Faggeta Lekoma	100	40.41	9.52	0.21	23.38	6.83	19.66
Oromia Zone	100	58.21	8.41	0.10	11.39	2.51	19.39
Chefegolana Dawerahimedo	100	63.34	6.63	0.00	10.53	1.38	18.12
Bati	100	49.52	6.06	0.25	11.94	7.43	24.80
Jile Tumuga	100	61.05	6.04	0.00	18.65	1.07	13.19
Artuma Fursi	100	58.94	14.91	0.14	4.42	0.16	21.44
Bahirdar Special Zone	100	15.09	5.99	0.68	14.33	14.40	49.52
Bahirdar	100	15.09	5.99	0.68	14.33	14.40	49.52

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
Amhara Region	2,670,653	2,545,602	22,475	1,433,118	277,131	617,411
North Gonder Zone	366,134	340,225	5,661	243,507	45,677	129,410
Addi Arkay	20,433	17,859	148	7,274	1,488	6,980
Beyeda	13,334	13,345	*	6,389	2,909	2,688
Janamora	21,192	24,102	1,141	17,973	*	5,304
Debark	18,529	17,273	257	10,849	396	2,973
Dabat	22,379	21,059	325	12,646	306	3,073
Sanja	23,828	10,753	*	6,211	381	2,701
Lay Armacheho	22,234	19,063	246	17,639	1,909	20,825
Wegera	24,527	33,831	*	25,839	6,731	9,197
Gonder Zuria	33,905	34,207	860	22,600	11,649	7,477
Dembia	34,194	35,678	423	26,418	2,487	13,735
Chilga	32,511	26,238	641	22,687	2,970	17,893
Metema	10,018	6,272	219	2,594	4,334	700
Quara	8,570	4,139	1	1,956	1,686	2,392
Alefa	39,350	36,045	*	31,469	597	11,507
Belesa	40,270	39,674	*	29,908	6,196	20,645
Gonder	862	686	33	1,053	991	1,319
South Gonder Zone	315,664	333,038	2,167	226,553	42,177	55,627
Ebenat	33,192	34,296	*	26,992	*	*
Kemekem	27,392	28,449	*	13,975	1,641	5,550
Fogera	36,667	33,426	*	12,619	4,301	10,950
Farta	45,395	44,315	733	28,078	2,558	4,277
Lay Gayint	32,048	32,423	216	28,267	841	4,303
Tach Gayint	13,801	16,624	*	10,219	*	3,245
Simada	36,970	40,974	*	30,863	5,112	7,293
Estie	52,392	64,577	*	54,180	23,181	9,000
Dera	37,158	37,752	412	20,827	1,020	9,233
Debre Tabor	649	202	6	532	451	687
North Wollo Zone	266,516	256,358	1,227	147,809	2,612	84,870
Bugna	38,935	38,201	*	29,014	*	10,543
Kobo	39,805	37,641	*	2,638	*	10,935
Gidan	30,336	28,780	*	13,880	*	10,388
Meket	40,977	41,177	*	36,507	*	4,998
Wadla	23,901	23,261	*	19,547	*	2,983
Dawuntna Delanta	31,175	30,629	*	24,521	*	13,969
Guba Lafto	30,398	30,614	*	10,494	*	21,065
Habru	30,870	25,937	*	11,117	*	9,847
Weldia	118	119	*	91	48	141
South Wollo Zone	434,042	416,908	3,067	332,056	12,949	111,223
Mekdela	27,072	26,154	-	17,586	*	8,260
Tenta	31,536	29,858	*	28,607	*	2,265
Kutaber	20,064	19,226	*	18,564	304	4,783
Ambasel	22,088	21,843	*	15,584	*	10,240
Tehuledere	21,193	20,105	*	14,010	371	11,417
Werebabu	17,188	15,964	*	5,423	*	1,367
Kalu	34,197	30,725	*	21,849	*	2,635
Dessie Zuria	56,670	56,264	*	53,089	*	24,650
Legambo	31,501	28,875	*	22,215	5,576	800
Sayint	39,431	40,172	*	28,775	*	16,682
Debresina	32,253	30,779	-	21,239	*	5,657
Kelala	27,551	26,558	-	23,720	*	11,375
Jama	22,321	21,647	150	21,644	141	3,398
Were Ilu	26,738	26,278	*	25,303	*	2,395
Wegde	23,162	22,433	*	13,616	329	4,413
Kombolcha	369	187	20	176	117	267
Dessie	707	142	22	654	462	620
North Shewa Zone	291,383	291,565	1,168	202,160	37,803	83,758
Middana Weremo	14,916	12,633	*	10,865	2,052	8,421
Merhabete	18,510	17,764	*	15,543	2,291	3,579

TABLE 7-25-a -(Cont'd)

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Insarona Wayu	18,739	22,115	*	16,400	3,846	5,462
Moretna Jiru	12,875	14,886	*	9,285	5,323	627
Gera Keya	23,533	23,924	351	22,365	3,607	12,350
Geshe	9,054	10,242	*	9,433	178	1,619
Antsokiya Gemza	10,895	10,121	80	3,439	557	4,824
Efratana Gidim	18,046	15,536	*	9,587	82	2,771
Lalo Midir	20,367	22,057	*	19,994	297	3,758
Mojana Wedera	13,170	12,727	*	12,186	1,519	1,487
Tarmaber	15,828	15,117	*	6,156	1,109	7,317
Kewet	17,943	16,809	*	6,702	1,985	844
Asagirt	9,101	8,838	-	4,543	1,043	4,596
Angolelana Tera	15,366	14,480	*	13,475	1,907	2,333
Ankober	12,806	13,228	*	6,751	580	3,893
Hagere Mariam	9,970	9,954	*	7,465	935	3,930
Berehet	5,175	4,826	54	589	343	333
Minjarna Shenkora	18,272	18,716	*	2,529	6,830	6,783
Debre Berhane	1,182	1,638	*	1,109	1,628	1,221
Basona Werana	25,634	25,955	*	23,744	1,692	7,611
East Gojam Zone	348,268	333,729	3,610	64,616	48,068	39,996
Bibugn	19,878	19,130	*	1,577	1,322	1,704
Hulet Ej Enesie	43,251	41,112	446	10,717	4,294	5,038
Goncha Siso Enesie	25,015	23,131	182	11,011	*	1,377
Enebse Sar Midir	22,324	21,459	*	4,371	2,858	3,432
Enarj Enawga	28,719	28,152	*	4,848	788	1,164
Enemay	24,368	23,317	*	4,433	4,022	6,997
Debay Telatgen	20,428	21,085	427	3,830	*	3,295
Machakel	37,789	36,320	*	2,997	6,826	1,181
Gozamin	42,451	39,332	*	2,935	7,892	4,920
Baso Liben	23,678	21,775	*	1,841	1,934	2,088
Awabel	28,169	27,628	*	4,475	6,482	1,179
Dejen	16,633	16,840	237	5,456	6,526	2,663
Shebel Berenta	13,922	13,506	678	5,554	1,687	4,164
Debre Markos	1,642	943	83	572	1,140	794
West Gojam Zone	362,257	341,394	3,167	106,186	65,982	56,344
Achefer	48,123	46,735	*	32,144	2,285	3,799
Bahirdar Zuria	38,533	37,550	374	20,391	8,401	4,625
Yilmana Densa	47,681	48,568	*	22,327	9,503	2,541
Merawi	50,305	47,508	*	14,859	10,369	16,068
Sekela	28,225	26,199	*	5,374	1,446	5,158
Kuarit	27,732	26,701	*	3,218	3,564	2,210
Dega Damot	29,916	28,204	*	608	3,858	1,070
Dembecha	22,109	21,118	*	1,253	4,673	6,320
Jabi Tehnan	33,577	29,410	226	2,547	18,010	7,685
Bure Wemberma	36,056	29,401	*	3,465	3,875	6,870
Wag Hamra Zone	63,910	62,082	448	36,745	2,685	12,781
Zikuala	12,053	11,626	*	2,916	*	177
Sekota	27,980	27,585	*	17,027	*	9,492
Dehana	23,878	22,871	*	16,802	-	3,112
Awi Zone	154,495	126,947	1,465	38,775	15,793	22,183
Dangela	35,739	26,812	*	16,305	9,289	4,957
Banja	28,884	26,526	174	9,617	*	4,293
Ankasha	33,606	28,003	-	2,802	2,458	2,146
Guangua	30,620	22,680	*	2,370	2,065	7,515
Faggeta Lekoma	25,646	22,927	*	7,680	1,342	3,272
Oromia Zone	66,243	42,527	408	33,316	1,524	18,256
Chefegolana Dawerahimedo	25,683	18,390	226	12,984	*	7,057
Bati	14,861	7,722	*	7,060	1,260	5,689
Jile Tumuga	11,833	8,159	*	7,632	*	3,785
Artuma Fursi	13,866	8,256	*	5,639	*	1,724
Bahirdar Special Zone	1,741	829	89	1,396	1,862	2,962
Bahirdar	1,741	829	89	1,396	1,862	2,962

b) Rural Holdings

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Amhara Region	2,620,172	2,511,832	21,609	1,402,055	254,274	575,992
North Gonder Zone	359,192	335,176	5,464	238,156	41,909	124,501
Addi Arkay	19,918	17,452	146	7,067	*	6,797
Beyeda	13,300	13,300	*	6,346	2,909	2,676
Janamora	21,096	24,016	1,138	17,890	*	5,209
Debark	18,109	17,095	*	10,523	*	2,716
Dabat	22,082	20,829	316	12,384	241	2,940
Sanja	23,422	10,305	*	6,014	192	2,584
Lay Armacheho	22,108	18,991	*	17,522	1,840	20,645
Wegera	24,112	33,367	*	25,453	6,395	9,131
Gonder Zuria	33,480	33,810	838	22,208	11,375	6,932
Dembia	33,489	35,210	412	25,766	2,126	13,268
Chilga	32,221	26,109	631	22,400	2,803	17,515
Metema	8,842	5,651	175	2,104	3,595	322
Quara	8,536	4,133	-	1,947	1,677	2,389
Alefa	38,597	35,573	*	30,945	*	11,021
Belesa	39,881	39,336	*	29,584	6,188	20,355
South Gonder Zone	310,031	330,321	2,089	222,436	40,069	50,423
Ebenat	33,058	34,279	*	26,915	*	*
Kemekem	26,515	28,166	*	13,399	1,347	4,627
Fogera	35,396	33,071	*	12,060	4,080	9,888
Farta	45,125	44,125	722	27,820	*	4,144
Lay Gayint	31,283	31,868	202	27,668	*	3,773
Tach Gayint	13,710	16,513	*	10,141	*	3,095
Simada	36,725	40,831	*	30,655	4,968	7,070
Estie	51,990	64,269	*	53,579	22,779	8,673
Dera	36,228	37,199	387	20,200	717	8,192
North Wollo Zone	262,966	253,123	1,214	146,308	2,412	81,120
Bugna	38,702	37,983	*	28,696	*	10,087
Kobo	38,051	36,038	*	2,599	*	9,583
Gidan	29,995	28,443	*	13,638	-	9,947
Meket	40,758	40,953	*	36,234	*	4,651
Wadla	23,763	23,164	*	19,439	*	2,797
Dawuntna Delanta	30,969	30,481	*	24,336	*	13,761
Guba Lafto	30,398	30,614	*	10,494	*	21,065
Habru	30,332	25,446	*	10,872	*	9,230
South Wollo Zone	427,240	412,801	2,996	327,122	11,975	106,197
Mekdela	26,984	26,073	-	17,481	*	8,242
Tenta	30,889	29,445	*	28,025	*	1,812
Kutaber	19,767	19,110	*	18,338	256	4,646
Ambasel	21,873	21,716	*	15,467	*	10,080
Tehuledere	20,441	19,651	*	13,483	*	10,904
Werebabu	16,840	15,798	*	5,265	*	1,131
Kalu	33,549	30,241	*	21,551	*	2,112
Dessie Zuria	56,343	56,080	*	52,856	*	24,411
Legambo	31,033	28,568	*	21,947	5,545	580
Sayint	39,266	40,059	*	28,643	*	16,609
Debresina	31,944	30,550	-	20,989	*	5,390
Kelala	27,230	26,345	-	23,417	*	11,108
Jama	21,977	21,363	146	21,348	*	3,071
Were Ilu	26,108	25,808	*	24,764	*	*
Wegde	22,998	21,996	*	13,547	*	4,313
North Shewa Zone	283,119	283,970	1,079	196,973	32,113	76,987
Middana Weremo	14,428	12,301	*	10,612	1,794	8,083
Merhabete	17,777	17,381	*	15,112	1,854	3,060
Insarona Wayu	18,391	21,607	*	15,949	3,510	5,162
Moretna Jiru	12,549	14,356	*	9,076	4,833	*
Gera Keya	23,237	23,641	344	22,078	3,363	12,109
Geshe	8,979	10,184	*	9,393	*	1,579
Antsokiya Gemza	10,274	9,673	*	3,426	457	4,306
Efratana Gidim	17,010	14,945	*	8,985	*	2,052

TABLE 7-25-b –(Cont'd)

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Lalo Midir	20,060	21,750	*	19,698	*	3,522
Mojana Wedera	13,070	12,646	*	12,101	1,428	1,383
Tarmaber	15,428	14,544	-	5,669	*	6,900
Kewet	17,056	16,302	*	6,327	1,569	330
Asagirt	8,943	8,732	-	4,527	963	4,488
Angolelana Tera	15,063	14,167	-	13,180	1,653	2,248
Ankober	12,476	13,055	*	6,613	447	3,561
Hagere Mariam	9,874	9,874	*	7,388	866	3,868
Berehet	5,091	4,751	36	589	299	258
Minjarna Shenkora	17,780	18,105	*	2,505	6,488	6,169
Basona Werana	25,634	25,955	*	23,744	1,692	7,611
East Gojam Zone	342,340	330,195	3,393	62,497	45,175	36,556
Bibugn	19,797	19,080	*	1,565	1,317	1,699
Hulet Ej Enesie	42,459	40,718	*	10,424	3,955	4,580
Goncha Siso Enesie	24,777	22,989	177	10,928	*	1,274
Enebse Sar Midir	22,069	21,201	*	4,276	2,760	3,244
Enarj Enawga	28,289	27,907	*	4,739	*	*
Enemay	23,776	23,009	*	4,172	3,707	6,605
Debay Telatgen	20,283	21,008	*	3,779	*	3,176
Machakel	37,279	35,956	*	2,871	6,650	819
Gozamin	42,226	39,197	*	2,900	7,862	4,757
Baso Liben	23,389	21,676	*	1,793	1,849	1,894
Awabel	27,833	27,417	*	4,321	6,197	1,060
Dejen	16,336	16,612	230	5,250	6,314	2,483
Shebel Berenta	13,825	13,426	662	5,481	1,672	4,059
West Gojam Zone	356,033	337,825	3,091	102,741	62,348	51,671
Achefer	47,197	46,021	*	31,511	1,911	2,861
Bahirdar Zuria	37,993	37,482	371	19,989	8,040	4,232
Yilmana Densa	47,223	48,300	*	21,892	9,142	2,141
Merawi	49,619	47,008	*	14,373	9,823	15,522
Sekela	27,993	26,092	*	5,235	*	5,105
Kuarit	27,592	26,654	*	3,180	3,473	2,128
Dega Damot	29,823	28,161	*	576	3,776	1,056
Dembecha	21,359	20,680	*	1,031	4,429	5,698
Jabi Tehnan	32,024	28,499	*	1,770	17,032	6,517
Bure Wemberma	35,210	28,928	*	3,184	3,462	6,413
Wag Hamra Zone	63,390	61,522	447	36,410	2,670	12,211
Zikuala	11,982	11,555	*	2,916	*	163
Sekota	27,650	27,215	*	16,811	*	9,139
Dehana	23,758	22,752	*	16,684	-	2,909
Awi Zone	150,868	124,875	1,428	36,644	14,150	18,970
Dangela	34,790	26,176	*	15,659	8,551	4,149
Banja	28,264	26,260	172	9,142	*	3,789
Ankasha	32,907	27,597	-	2,550	2,326	1,569
Guangua	29,598	22,111	*	1,884	1,605	6,427
Faggeta Lekoma	25,310	22,731	*	7,409	1,174	3,036
Oromia Zone	64,993	42,025	407	32,768	1,452	17,356
Chefegolana Dawerahimedo	25,182	18,231	226	12,746	*	6,724
Bati	14,664	7,667	*	6,976	1,223	5,561
Jile Tumuga	11,663	8,096	*	7,519	*	3,683
Artuma Fursi	13,484	8,031	*	5,527	*	1,388

c) Urban Holdings

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Amhara Region	50,481	33,770	866	31,063	22,857	41,418
North Gonder Zone	6,942	5,049	196	5,351	3,768	4,910
Addi Arkay	516	407	*	207	255	183
Beyeda	34	45	*	42	-	12
Janamora	95	86	*	83	-	95
Debark	420	178	21	326	168	257
Dabat	298	230	9	262	65	133
Sanja	405	448	*	198	189	117
Lay Armacheho	126	73	*	116	70	180
Wegera	415	464	*	386	336	65
Gonder Zuria	424	396	23	392	274	545
Dembia	705	468	11	652	360	467
Chilga	290	129	9	288	166	378
Metema	1,176	621	44	490	740	378
Quara	34	6	1	8	10	4
Alefa	753	472	9	524	135	486
Belesa	389	339	*	323	8	290
Gonder	862	686	33	1,053	991	1,319
South Gonder Zone	5,633	2,718	78	4,116	2,108	5,205
Ebenat	134	17	-	77	7	129
Kemekem	877	284	*	576	294	923
Fogera	1,271	355	*	559	220	1,063
Farta	271	190	11	259	110	133
Lay Gayint	764	555	*	600	173	530
Tach Gayint	91	111	*	78	*	149
Simada	245	143	-	208	145	223
Estie	401	308	-	601	402	327
Dera	930	553	*	627	303	1,042
Debre Tabor	649	202	6	532	451	687
North Wollo Zone	3,550	3,236	12	1,501	200	3,750
Bugna	233	217	*	318	21	456
Kobo	1,754	1,603	*	38	25	1,352
Gidan	341	337	-	242	*	441
Meket	220	224	*	273	35	347
Wadla	138	97	-	108	-	186
Dawuntna Delanta	207	147	-	185	23	208
Habru	539	491	*	246	42	618
Weldia	118	119	*	91	48	141
South Wollo Zone	6,802	4,107	71	4,934	974	5,026
Mekdela	89	81	-	104	-	*
Tenta	647	413	*	582	*	453
Kutaber	297	116	*	226	48	137
Ambasel	215	128	*	118	12	160
Tehuledere	753	454	*	527	131	513
Werebabu	347	166	-	158	*	236
Kalu	648	484	*	298	11	523
Dessie Zuria	327	184	*	233	63	239
Legambo	468	307	-	268	30	220
Sayint	165	113	-	133	18	73
Debresina	309	229	-	250	*	267
Kelala	322	213	-	302	7	266
Jama	344	284	*	296	43	327
Were Ilu	630	470	*	539	11	607
Wegde	165	137	-	69	11	100
Kombolcha	369	187	20	176	117	267
Dessie	707	142	22	654	462	620
North Shewa Zone	8,263	7,595	89	5,188	5,690	6,771
Middana Weremo	488	332	-	253	259	338
Merhabete	733	383	*	431	437	520
Insarona Wayu	348	508	-	452	336	300

TABLE 7-25-c –(Cont'd)

Geographic Area	Green Fodder	Crop Residue	Improved Feed	Hay	By-Product	Others
Moretna Jiru	325	531	*	209	490	328
Gera Keya	296	283	7	287	244	241
Geshe	75	58	-	40	43	40
Antsokiya Gemza	621	448	21	12	101	518
Efratana Gidim	1,036	591	*	601	30	719
Lalo Midir	307	307	-	296	207	236
Mojana Wedera	100	81	-	85	91	104
Tarmaber	400	573	*	488	489	417
Kewet	887	507	*	374	417	514
Asagirt	159	105	-	16	80	108
Angolelana Tera	303	313	*	295	254	85
Ankober	331	173	-	138	133	332
Hagere Mariam	96	80	-	77	69	62
Berehet	84	75	18	-	44	75
Minjarna Shenkora	492	611	*	24	341	614
Debre Berhane	1,182	1,638	*	1,109	1,628	1,221
East Gojam Zone	5,927	3,534	216	2,118	2,892	3,440
Bibugn	81	50	*	12	*	*
Hulet Ej Enesie	792	394	40	293	340	458
Goncha Siso Enesie	238	141	*	83	38	104
Enebse Sar Midir	255	258	*	95	98	188
Enarj Enawga	430	245	16	109	139	257
Enemay	592	308	10	261	315	393
Debay Telatgen	145	77	*	51	15	119
Machakel	510	364	19	126	176	363
Gozamin	225	135	*	35	31	163
Baso Liben	289	99	*	49	85	193
Awabel	336	210	*	154	285	119
Dejen	296	228	7	207	212	181
Shebel Berenta	96	80	16	73	15	104
Debre Markos	1,642	943	83	572	1,140	794
West Gojam Zone	6,225	3,569	76	3,445	3,633	4,673
Achefer	926	714	*	633	374	938
Bahirdar Zuria	540	68	*	402	361	393
Yilmana Densa	459	268	*	435	361	400
Merawi	687	500	*	486	545	546
Sekela	231	107	*	139	185	53
Kuarit	140	47	-	38	91	82
Dega Damot	93	43	*	32	82	14
Dembecha	750	438	*	222	243	622
Jabi Tehnan	1,553	911	36	777	978	1,168
Bure Wemberma	846	473	7	281	413	457
Wag Hamra Zone	521	560	*	335	14	570
Zikuala	71	71	-	-	-	14
Sekota	330	369	-	217	14	353
Dehana	120	119	*	118	-	203
Awi Zone	3,627	2,073	37	2,131	1,642	3,212
Dangela	949	637	21	646	738	808
Banja	620	266	*	475	144	504
Ankasha	699	405	-	252	132	577
Guangua	1,022	569	*	486	460	1,088
Faggeta Lekoma	336	196	*	271	168	236
Oromia Zone	1,250	502	*	549	72	900
Chefegolana Dawerahimedo	501	159	-	239	18	332
Bati	197	54	*	84	37	128
Jile Tumuga	170	63	-	113	13	103
Artuma Fursi	381	225	-	113	*	336
Bahirdar Special Zone	1,741	829	89	1,396	1,862	2,962
Bahirdar	1,741	829	89	1,396	1,862	2,962

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
Amhara Region	100	40.96	0.74	0.75	57.54
North Gonder Zone	100	42.8	0.55	0.93	55.72
Addi Arkay	100	40.79	1.17	0.12	57.92
Beyeda	100	38.72	0.01	0.01	61.27
Janamora	100	51.79	1	0.7	46.51
Debark	100	34.03	0.55	0.33	65.09
Dabat	100	20.1	0.1	0.07	79.73
Sanja	100	63.25	0.5	0.34	35.91
Lay Armacheho	100	38.92	0.32	0.18	60.58
Wegera	100	45.91	0.17	1.17	52.76
Gonder Zuria	100	43.05	0.8	0.35	55.8
Dembia	100	48.77	0.29	0.37	50.56
Chilga	100	35.44	0.63	0.04	63.89
Metema	100	46.25	0.43	2.08	51.25
Quara	100	56.09	0.2	2.87	40.83
Alefa	100	36.32	0.26	3.39	60.03
Belesa	100	44.66	0.43	1.62	53.29
Gonder	100	48.98	27.19	0.2	23.63
South Gonder Zone	100	38.06	0.3	0.73	60.91
Ebenat	100	49.29	0.36	2.48	47.86
Kemekem	100	46.86	0.29	0.05	52.8
Fogera	100	37.81	0.51	1.3	60.37
Farta	100	38.9	0.09	0.25	60.76
Lay Gayint	100	36.41	0.13	0.9	62.56
Tach Gayint	100	24.71	0.11	1.16	74.02
Simada	100	44.25	0.13	0.64	54.98
Estie	100	31.6	0.14	0.3	67.96
Dera	100	34.14	0.54	0.46	64.86
Debre Tabor	100	51.98	15.61	-	32.42
North Wollo Zone	100	33.7	0.42	0.11	65.78
Bugna	100	44.09	0.51	0.31	55.09
Kobo	100	25.6	0.5	-	73.89
Gidan	100	48.62	0.05	0.07	51.27
Meket	100	36.09	0.48	-	63.43
Wadla	100	28.17	0.18	0.48	71.17
Dawuntna Delanta	100	20.34	0.03	-	79.64
Guba Lafto	100	32.78	0.42	-	66.8
Habru	100	35.49	1.02	0.1	63.4
Weldia	100	66.22	11.49	-	22.29
South Wollo Zone	100	42.42	1.67	0.16	55.75
Mekdela	100	41.63	0.57	0.06	57.74
Tenta	100	49.38	0.45	0.05	50.12
Kutaber	100	34.6	3.97	-	61.43
Ambasel	100	49.61	0.9	-	49.49
Tehuledere	100	42.49	6.06	-	51.45
Werebabu	100	48.75	3.45	0.17	47.63
Kalu	100	24.55	0.29	-	75.15
Dessie Zuria	100	48.08	5.52	0.18	46.23
Legambo	100	45.35	0.08	0.36	54.22
Sayint	100	33.01	0.03	-	66.96
Debresina	100	33.28	0.14	1.14	65.44
Kelala	100	54.96	0.16	0.15	44.73
Jama	100	43.41	0.37	0.01	56.21
Were Ilu	100	46.76	1.01	-	52.22
Wegde	100	37.33	0.01	0.14	62.52
Kombolcha	100	46.88	20.76	-	32.35
Dessie	100	47.96	33.91	-	18.13
North Shewa Zone	100	37.46	1	0.07	61.46
Middana Weremo	100	39.16	0.33	0.36	60.15

TABLE 7-26-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	29.5	0.73	0.2	69.57
Insarona Wayu	100	28.8	1.16	-	70.04
Moretna Jiru	100	50.69	0.46	-	48.85
Gera Keya	100	24.3	0.14	0.03	75.54
Geshe	100	26.34	0.14	-	73.52
Antsokiya Gemza	100	41.49	1.48	0.04	56.99
Efratana Gidim	100	58.38	1.21	0.24	40.17
Lalo Midir	100	16.54	0.11	0.18	83.17
Mojana Wedera	100	15.65	0.31	-	84.04
Tarmaber	100	39.05	2.22	0.06	58.68
Kewet	100	40.42	0.39	0.13	59.06
Asagirt	100	26.13	0.26	-	73.61
Angolelana Tera	100	30.15	1.07	-	68.78
Ankober	100	55.77	0.3	-	43.93
Hagere Mariam	100	40.27	0.22	0.07	59.45
Berehet	100	90.81	1.65	0.03	7.51
Minjarna Shenkora	100	96.48	0.72	-	2.79
Debre Berhane	100	35.84	47.69	0.05	16.41
Basona Werana	100	45.44	0.97	-	53.59
East Gojam Zone	100	44.62	0.45	1.27	53.66
Bibugn	100	50.55	0.21	0.33	48.9
Hulet Ej Enesie	100	49.28	0.1	0.31	50.31
Goncha Siso Enesie	100	38.85	0.01	0.38	60.76
Enebse Sar Midir	100	48.35	1.66	0.11	49.87
Enarj Enawga	100	51.43	0.33	0.34	47.91
Enemay	100	36.5	0.73	2.23	60.55
Debay Telatgen	100	36.39	0.42	1.14	62.06
Machakel	100	44.25	0.08	1.96	53.7
Gozamin	100	34.65	0.02	1.94	63.39
Baso Liben	100	47.55	0.63	0.96	50.86
Awabel	100	42.63	0.42	3.46	53.48
Dejen	100	74.89	1.32	0.33	23.46
Shebel Berenta	100	43.72	0.04	0.04	56.2
Debre Markos	100	65.33	8.84	0.11	25.72
West Gojam Zone	100	47.91	0.48	1.46	50.15
Achefer	100	36.97	0.41	1.99	60.63
Bahirdar Zuria	100	40.32	0.96	1.98	56.74
Yilmana Densa	100	59.54	0.38	0.51	39.57
Merawi	100	34.63	0.46	1.83	63.08
Sekela	100	39.6	0.13	0.82	59.45
Kuarit	100	55.15	0.16	0.42	44.26
Dega Damot	100	62.05	0.03	0.01	37.9
Dembecha	100	65.53	0.15	0.63	33.69
Jabi Tehnan	100	64.18	0.74	2.66	32.42
Bure Wemberma	100	48.14	0.85	2.51	48.5
Wag Hamra Zone	100	45.04	0.27	2.38	52.31
Zikuala	100	45.65	0.05	4.49	49.8
Sekota	100	37.77	0.26	2.59	59.38
Dehana	100	57.2	0.45	0.41	41.94
Awi Zone	100	37.16	0.47	1.72	60.65
Dangela	100	42.98	0.76	0.68	55.59
Banja	100	34.6	0.56	0.75	64.08
Ankasha	100	41.42	0.09	2.87	55.62
Guangua	100	41.24	0.76	2.74	55.26
Faggeta Lekoma	100	21.5	0.07	1.68	76.75
Oromia Zone	100	32.99	0.37	0.14	66.5
Chefegolana Dawerahimedo	100	31.17	0.43	0.05	68.35
Bati	100	27.55	0.47	0.49	71.49
Jile Tumuga	100	42.44	0.41	0.02	57.12
Artuma Fursi	100	34.12	0.07	0.01	65.79
Bahirdar Special Zone	100	55.29	31.92	0.83	11.96
Bahirdar	100	55.29	31.92	0.83	11.96

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	40.74	0.55	0.76	57.96
North Gonder Zone	100	42.68	0.37	0.94	56
Addi Arkay	100	40.48	1.14	0.11	58.27
Beyeda	100	38.67	-	-	61.33
Janamora	100	51.73	0.99	0.71	46.57
Debark	100	33.47	0.27	0.33	65.93
Dabat	100	19.79	0.05	0.07	80.09
Sanja	100	63.02	0.47	0.34	36.17
Lay Armacheho	100	38.82	0.22	0.18	60.79
Wegera	100	45.82	0.06	1.18	52.93
Gonder Zuria	100	42.78	0.71	0.35	56.16
Dembia	100	48.54	0.18	0.37	50.91
Chilga	100	35.28	0.53	0.03	64.17
Metema	100	43.91	0.03	2.22	53.84
Quara	100	55.95	0.19	2.88	40.97
Alefa	100	36.11	0.23	3.41	60.25
Belesa	100	44.41	0.43	1.63	53.53
South Gonder Zone	100	37.95	0.14	0.84	61.07
Ebenat	100	49.19	0.32	2.49	48.00
Kemekem	100	46.65	-	0.03	53.32
Fogera	100	37.41	0.30	1.28	61.01
Farta	100	38.73	0.06	0.25	60.96
Lay Gayint	100	36.09	-	0.92	62.99
Tach Gayint	100	24.39	-	1.18	74.43
Simada	100	44.19	0.11	0.63	55.07
Estie	100	31.39	0.10	0.31	68.20
Dera	100	33.55	0.39	0.45	65.61
North Wollo Zone	100	33.81	0.35	0.12	65.72
Bugna	100	44.01	0.39	0.32	55.29
Kobo	100	25.37	0.49	-	74.14
Gidan	100	48.72	-	0.07	51.22
Meket	100	36.02	0.43	-	63.56
Wadla	100	28.08	0.13	0.49	71.31
Dawuntna Delanta	100	20.26	-	-	79.74
Guba Lafto	100	32.78	0.42	-	66.80
Habru	100	35.26	0.93	0.10	63.71
South Wollo Zone	100	42.10	1.46	0.15	56.29
Mekdela	100	41.58	0.58	0.06	57.79
Tenta	100	49.31	0.43	0.05	50.20
Kutaber	100	34.42	3.88	-	61.70
Ambasel	100	49.60	0.76	-	49.64
Tehuledere	100	42.40	5.89	-	51.71
Werebabu	100	48.66	3.37	0.17	47.80
Kalu	100	24.19	0.25	-	75.55
Dessie Zuria	100	48.08	5.48	0.18	46.26
Legambo	100	45.29	0.06	0.36	54.29
Sayint	100	32.95	-	-	67.05
Debresina	100	33.00	0.07	1.15	65.77
Kelala	100	54.85	0.11	0.15	44.89
Jama	100	43.30	0.24	-	56.46
Were Ilu	100	46.61	0.81	-	52.58
Wegde	100	37.26	-	0.14	62.61
North Shewa Zone	100	41.62	0.49	0.07	57.82
Middana Weremo	100	38.77	0.18	0.37	60.68
Merhabete	100	28.71	0.20	0.21	70.88
Insarona Wayu	100	28.26	1.00	-	70.74
Moretna Jiru	100	50.80	0.12	-	49.08
Gera Keya	100	24.06	-	0.02	75.91
Geshe	100	26.22	-	-	73.78

TABLE 7-26-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	40.48	1.13	0.02	58.38
Efratana Gidim	100	58.85	0.89	0.25	40.02
Lalo Midir	100	16.32	-	0.19	83.49
Mojana Wedera	100	15.43	0.17	-	84.39
Tarmaber	100	38.67	1.71	0.05	59.57
Kewet	100	39.49	0.07	0.12	60.32
Asagirt	100	25.78	0.25	-	73.97
Angolelana Tera	100	29.81	0.51	-	69.68
Ankober	100	55.86	0.15	-	43.99
Hagere Mariam	100	40.08	0.07	0.07	59.77
Berehet	100	90.88	1.61	0.03	7.48
Minjarna Shenkora	100	96.82	0.34	-	2.83
Basona Werana	100	45.44	0.97	-	53.59
East Gojam Zone	100	45.80	0.41	1.04	52.75
Bibugn	100	50.57	0.20	0.32	48.91
Hulet Ej Enesie	100	48.92	-	0.31	50.77
Goncha Siso Enesie	100	38.60	-	0.37	61.03
Enebse Sar Midir	100	48.13	1.66	0.11	50.10
Enarj Enawga	100	50.87	0.27	0.33	48.53
Enemay	100	35.46	0.64	2.28	61.62
Debay Telatgen	100	36.26	0.38	1.14	62.22
Machakel	100	43.91	0.03	1.97	54.09
Gozamin	100	34.52	-	1.94	63.55
Baso Liben	100	47.32	0.63	0.97	51.07
Awabel	100	42.39	0.30	3.50	53.81
Dejen	100	74.91	1.18	0.29	23.61
Shebel Berenta	100	43.51	-	0.04	56.45
West Gojam Zone	100	50.18	0.23	1.36	48.23
Achefer	100	36.52	0.36	2.00	61.12
Bahirdar Zuria	100	40.06	0.67	2.00	57.27
Yilmana Densa	100	59.31	0.17	0.51	40.01
Merawi	100	33.82	0.32	1.82	64.05
Sekela	100	39.38	0.07	0.83	59.72
Kuarit	100	55.13	0.15	0.42	44.30
Dega Damot	100	62.07	-	0.01	37.92
Dembecha	100	64.93	-	0.61	34.46
Jabi Tehnan	100	63.63	0.07	2.83	33.47
Bure Wemberma	100	46.94	0.51	2.58	49.97
Wag Hamra Zone	100	46.81	0.24	2.52	50.43
Zikuala	100	45.76	0.05	4.52	49.67
Sekota	100	37.48	0.22	2.62	59.67
Dehana	100	57.20	0.45	0.41	41.94
Awi Zone	100	35.85	0.30	1.76	62.10
Dangela	100	42.59	0.54	0.65	56.22
Banja	100	34.03	0.43	0.76	64.78
Ankasha	100	41.00	0.04	2.88	56.08
Guangua	100	40.58	0.50	2.79	56.13
Faggeta Lekoma	100	21.03	-	1.70	77.28
Oromia Zone	100	33.55	0.28	0.15	66.03
Chefegolana Dawerahimedo	100	30.82	0.25	0.05	68.88
Bati	100	27.25	0.44	0.50	71.81
Jile Tumuga	100	42.27	0.38	0.02	57.32
Artuma Fursi	100	33.85	0.04	0.01	66.09

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	56.69	10.79	0.54	31.99
North Gonder Zone	100	58.32	8.99	0.56	32.13
Addi Arkay	100	51.11	1.91	0.50	46.48
Beyeda	100	51.01	1.77	1.42	45.79
Janamora	100	61.80	2.43	-	35.77
Debark	100	60.18	13.72	0.16	25.95
Dabat	100	48.20	4.55	0.43	46.82
Sanja	100	82.87	3.00	-	14.14
Lay Armacheho	100	57.42	19.12	0.12	23.34
Wegera	100	50.93	6.07	0.24	42.77
Gonder Zuria	100	61.07	6.50	0.41	32.02
Dembia	100	59.40	5.23	0.46	34.90
Chilga	100	52.87	12.49	1.44	33.21
Metema	100	64.85	3.61	0.96	30.58
Quara	100	96.50	2.50	-	1.00
Alefa	100	51.81	2.67	1.58	43.94
Belesa	100	81.75	-	0.05	18.20
Gonder	100	48.98	27.19	0.20	23.63
South Gonder Zone	100	54.89	7.51	0.82	36.78
Ebenat	100	71.35	10.57	1.34	16.75
Kemekem	100	53.16	8.85	0.56	37.43
Fogera	100	55.54	9.74	2.45	32.27
Farta	100	60.28	3.19	0.61	35.91
Lay Gayint	100	49.69	5.42	0.08	44.81
Tach Gayint	100	48.63	8.02	-	43.36
Simada	100	52.55	3.86	2.28	41.31
Estie	100	47.69	3.06	-	49.25
Dera	100	58.04	6.82	0.88	34.26
Debre Tabor	100	51.98	15.61	-	32.42
North Wollo Zone	100	45.84	7.51	0.04	46.61
Bugna	100	53.14	15.07	-	31.79
Kobo	100	32.52	0.98	0.06	66.44
Gidan	100	41.30	3.61	-	55.08
Meket	100	47.39	8.23	0.09	44.29
Wadla	100	44.86	10.16	-	44.98
Dawuntna Delanta	100	33.41	4.82	-	61.77
Habru	100	47.84	5.75	0.17	46.25
Weldia	100	66.22	11.49	-	22.29
South Wollo Zone	100	51.73	10.55	0.04	37.68
Mekdela	100	53.25	-	-	46.75
Tenta	100	53.58	1.92	-	44.50
Kutaber	100	48.55	11.13	-	40.32
Ambasel	100	51.29	23.56	-	25.15
Tehuledere	100	46.64	13.15	-	40.21
Werebabu	100	57.11	10.69	-	32.20
Kalu	100	49.20	3.02	-	47.78
Dessie Zuria	100	47.56	15.41	-	37.03
Legambo	100	51.42	2.75	-	45.84
Sayint	100	46.04	6.29	0.17	47.50
Debresina	100	60.07	6.84	-	33.10
Kelala	100	64.53	4.50	0.03	30.94
Jama	100	51.36	10.04	0.52	38.08
Were Ilu	100	56.05	13.32	-	30.63
Wegde	100	47.86	2.13	-	50.01
Kombolcha	100	46.88	20.76	-	32.35
Dessie	100	47.96	33.91	-	18.13
North Shewa Zone	100	52.51	13.38	0.10	34.01
Middana Weremo	100	53.66	6.13	-	40.21

TABLE 7-26-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	45.20	11.24	-	43.56
Inssarona Wayu	100	49.19	7.07	-	43.74
Moretna Jiru	100	47.78	8.98	-	43.24
Gera Keya	100	44.20	11.96	0.37	43.47
Geshe	100	51.91	32.50	-	15.59
Antsokiya Gemza	100	68.68	10.89	0.65	19.78
Efratana Gidim	100	50.88	6.34	0.06	42.72
Lalo Midir	100	31.23	7.36	-	61.41
Mojana Wedera	100	38.13	14.86	-	47.01
Tarmaber	100	46.94	12.73	0.11	40.22
Kewet	100	61.10	7.49	0.28	31.13
Asagirt	100	56.98	0.83	-	42.19
Angolelana Tera	100	42.62	21.79	-	35.59
Ankober	100	48.92	10.65	0.28	40.14
Hagere Mariam	100	58.36	14.18	-	27.46
Berehet	100	82.87	6.12	-	11.01
Minjarna Shenkora	100	83.28	15.35	0.09	1.28
Debre Berhane	100	35.84	47.69	0.05	16.41
East Gojam Zone	100	64.51	4.42	0.87	30.20
Bibugn	100	47.65	2.05	2.29	48.01
Hulet Ej Enesie	100	67.12	5.12	0.49	27.27
Goncha Siso Enesie	100	64.02	0.95	1.00	34.03
Enebse Sar Midir	100	60.15	1.90	-	37.95
Enarj Enawga	100	78.94	3.20	0.75	17.11
Enemay	100	75.34	3.98	0.13	20.54
Debay Telatgen	100	55.08	5.52	0.40	39.00
Machakel	100	67.11	3.76	1.31	27.82
Gozamin	100	61.55	3.39	2.15	32.91
Baso Liben	100	65.05	0.71	-	34.24
Awabel	100	60.73	9.32	0.95	28.99
Dejen	100	73.14	9.97	2.64	14.25
Shebel Berenta	100	61.91	3.14	-	34.96
Debre Markos	100	65.33	8.84	0.11	25.72
West Gojam Zone	100	69.30	9.34	0.73	20.63
Achefer	100	63.70	3.42	1.85	31.04
Bahirdar Zuria	100	59.66	22.59	0.96	16.80
Yilmana Densa	100	76.62	16.17	0.22	6.99
Merawi	100	76.35	7.84	2.77	13.04
Sekela	100	61.11	6.62	-	32.27
Kuarit	100	62.28	3.16	-	34.56
Dega Damot	100	59.15	8.18	-	32.67
Dembecha	100	79.18	3.56	1.02	16.24
Jabi Tehnan	100	72.78	11.14	0.02	16.05
Bure Wemberma	100	82.14	10.72	0.47	6.67
Wag Hamra Zone	100	49.35	1.17	-	49.48
Zikuala	100	28.26	-	-	71.74
Sekota	100	62.14	3.51	-	34.34
Dehana	100	57.64	-	-	42.36
Awi Zone	100	54.90	5.26	1.46	38.38
Dangela	100	55.38	7.86	1.59	35.17
Banja	100	54.15	5.28	0.66	39.91
Ankasha	100	59.44	2.34	2.54	35.67
Guangua	100	57.83	7.09	1.50	33.58
Faggeta Lekoma	100	47.72	3.71	1.03	47.55
Oromia Zone	100	60.29	5.96	0.02	33.74
Chefegolana Dawerahimedo	100	53.94	12.39	0.07	33.60
Bati	100	77.39	6.04	-	16.57
Jile Tumuga	100	58.66	3.25	-	38.10
Artuma Fursi	100	51.15	2.16	-	46.69
Bahirdar Special Zone	100	55.29	31.92	0.83	11.96
Bahirdar	100	55.29	31.92	0.83	11.96

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
Amhara Region	100	58.55	37.92	0.13	3.41
North Gonder Zone	100	68.32	27.01	0.12	4.55
Addi Arkay	100	61.22	34.09	0.03	4.66
Beyeda	100	66.03	32.15	0.01	1.81
Janamora	100	68.8	17.87	0.06	13.27
Debark	100	78.78	20.3	0.01	0.91
Dabat	100	80.97	17.2	0.03	1.8
Sanja	100	66.54	27.64	0.39	5.43
Lay Armacheho	100	71.96	24.08	0.15	3.81
Wegera	100	92.06	6.05	0.06	1.83
Gonder Zuria	100	69.07	26.93	0.08	3.92
Dembia	100	47.03	50.52	0.09	2.36
Chilga	100	66.03	31.88	0.04	2.05
Metema	100	74.21	24.89	0.13	0.77
Quara	100	72.84	23.89	0.92	2.35
Alefa	100	58.29	38.84	0.13	2.74
Belesa	100	72.27	10.47	-	17.26
Gonder	100	83.98	11.35	-	4.66
South Gonder Zone	100	65.9	31.31	0.11	2.68
Ebenat	100	72.81	24.73	-	2.46
Kemekem	100	80.48	19.06	0.03	0.43
Fogera	100	48.74	49.59	-	1.67
Farta	100	66.72	31.89	0.04	1.35
Lay Gayint	100	76.35	19.69	-	3.96
Tach Gayint	100	87.44	11.16	0.33	1.07
Simada	100	74.99	12.69	0.95	11.37
Estie	100	69.07	29.29	-	1.63
Dera	100	44.28	53.65	-	2.07
Debre Tabor	100	96.11	1.77	0.42	1.71
North Wollo Zone	100	52.84	42.05	0.35	4.76
Bugna	100	49.85	33.28	1.14	15.74
Kobo	100	65.67	32.32	-	2.01
Gidan	100	57.36	35.79	0.28	6.56
Meket	100	48.8	49.07	0.14	1.99
Wadla	100	44.58	50.87	0.09	4.45
Dawuntna Delanta	100	50.69	46.47	0.27	2.57
Guba Lafto	100	50.71	47.06	0.73	1.5
Habru	100	53.08	43.94	0.05	2.93
Weldia	100	81.31	10.38	-	8.31
South Wollo Zone	100	49.38	46.79	0.16	3.67
Mekdela	100	32.89	57.37	-	9.75
Tenta	100	47.65	50.85	0.24	1.25
Kutaber	100	30.6	67.84	-	1.57
Ambasel	100	56.82	38.24	0.25	4.7
Tehuledere	100	48.69	48.39	0.03	2.89
Werebabu	100	43.43	52.55	0.29	3.73
Kalu	100	38.73	58.97	-	2.3
Dessie Zuria	100	58.43	36.22	0.01	5.34
Legambo	100	55	41.98	0.26	2.76
Sayint	100	50.73	46.5	0.07	2.7
Debresina	100	55.85	40.63	0.71	2.8
Kelala	100	58.54	38.02	0.32	3.12
Jama	100	41.78	55.13	0.18	2.92
Were Ilu	100	39.55	57.09	0.05	3.31
Wegde	100	67.07	27.56	0.08	5.3
Kombolcha	100	93.01	5.74	-	1.24
Dessie	100	76.01	20.22	-	3.77
North Shewa Zone	100	50.78	46.02	0.08	3.11
Middana Weremo	100	70.03	20.27	0.46	9.24

TABLE 7-27-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	89.48	9.18	-	1.34
Insarona Wayu	100	51.64	44.83	-	3.53
Moretna Jiru	100	84.79	9.95	-	5.25
Gera Keya	100	28.37	68.31	-	3.32
Geshe	100	48.85	49.07	-	2.08
Antsokiya Gemza	100	40.4	56.2	0.09	3.31
Efratana Gidim	100	58.06	36.9	0.21	4.83
Lalo Midir	100	25.56	73.24	-	1.19
Mojana Wedera	100	43.93	53.75	-	2.32
Tarmaber	100	50.41	41.04	0.19	8.35
Kewet	100	69.18	28	0.05	2.77
Asagirt	100	58.28	40.29	0.01	1.42
Angolelana Tera	100	17.75	80.7	0.26	1.29
Ankober	100	77.29	21.13	0.01	1.56
Hagere Mariam	100	67.47	30.52	0.03	1.99
Berehet	100	88.17	9.35	0.04	2.44
Minjarna Shenkora	100	86.96	11.89	-	1.15
Debre Berhane	100	81.92	14.55	-	3.53
Basona Werana	100	44.2	52.75	0.14	2.91
East Gojam Zone	100	68.04	29.39	0.07	2.5
Bibugn	100	57.11	40.52	0.02	2.36
Hulet Ej Enesie	100	70.72	28.7	-	0.58
Goncha Siso Enesie	100	63.41	32.46	0.06	4.07
Enebse Sar Midir	100	61.34	36.17	0.17	2.32
Enarj Enawga	100	68.32	28.27	0.23	3.19
Enemay	100	64.17	24.82	0.26	10.75
Debay Telatgen	100	54.79	43.94	-	1.27
Machakel	100	79.37	20.27	-	0.36
Gozamin	100	64.09	34.81	-	1.1
Baso Liben	100	79.82	18.27	-	1.91
Awabel	100	63.86	35.02	-	1.12
Dejen	100	81.24	14.58	0.29	3.89
Shebel Berenta	100	80.43	17.7	-	1.88
Debre Markos	100	93.48	4.81	-	1.71
West Gojam Zone	100	63.35	35.03	0.07	1.55
Achefer	100	56.04	39.11	0.14	4.71
Bahirdar Zuria	100	45.4	54.26	0.01	0.32
Yilmana Densa	100	78.2	20.85	-	0.95
Merawi	100	56.41	43.18	0.01	0.4
Sekela	100	40.19	58.85	0.19	0.77
Kuarit	100	70.11	29.08	-	0.81
Dega Damot	100	71.97	27.79	-	0.24
Dembecha	100	83.51	14.26	0.1	2.13
Jabi Tehnan	100	77.69	21.03	0.02	1.26
Bure Wemberma	100	76.9	19.86	0.26	2.97
Wag Hamra Zone	100	54.58	38.65	0.07	6.7
Zikuala	100	65	24.93	0.05	10.02
Sekota	100	51.7	42.95	0.06	5.29
Dehana	100	51.62	41.62	0.09	6.66
Awi Zone	100	47.61	51.03	0.01	1.35
Dangela	100	57.24	41.64	0.01	1.1
Banja	100	32.96	65.68	0.01	1.35
Ankasha	100	60.4	38.78	-	0.82
Guangua	100	55.15	42.87	0.01	1.97
Faggeta Lekoma	100	29.63	68.77	0.04	1.56
Oromia Zone	100	49.34	45.16	0.08	5.41
Chefegolana Dawerahimedo	100	42.51	54.8	0.05	2.65
Bati	100	45.5	47.08	0.25	7.18
Jile Tumuga	100	57.28	31.41	0.03	11.28
Artuma Fursi	100	59.89	36.76	0.01	3.34
Bahirdar Special Zone	100	86.12	13.68	-	0.2
Bahirdar	100	86.12	13.68	-	0.2

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	58.25	38.21	0.13	3.41
North Gonder Zone	100	68.04	27.31	0.14	4.52
Addi Arkay	100	60.34	34.95	-	4.71
Beyeda	100	65.96	32.25	-	1.79
Janamora	100	68.65	17.95	0.06	13.33
Debark	100	78.50	20.61	-	0.89
Dabat	100	80.84	17.35	0.03	1.79
Sanja	100	66.62	27.64	0.39	5.35
Lay Armacheho	100	71.90	24.15	0.15	3.80
Wegera	100	91.99	6.10	0.06	1.85
Gonder Zuria	100	68.91	27.16	0.08	3.85
Dembia	100	46.31	51.28	0.09	2.32
Chilga	100	65.85	32.06	0.04	2.06
Metema	100	73.34	26.09	0.06	0.51
Quara	100	72.78	23.96	0.92	2.35
Alefa	100	58.00	39.16	0.12	2.72
Belesa	100	72.19	10.53	-	17.28
South Gonder Zone	100	68.74	28.22	0.15	2.88
Ebenat	100	72.76	24.77	-	2.47
Kemekem	100	80.37	19.23	0.03	0.37
Fogera	100	48.25	50.11	-	1.64
Farta	100	66.57	32.04	0.04	1.35
Lay Gayint	100	76.12	19.94	-	3.93
Tach Gayint	100	87.56	11.08	0.33	1.03
Simada	100	74.86	12.77	0.95	11.42
Estie	100	68.82	29.54	-	1.64
Dera	100	43.38	54.52	-	2.10
North Wollo Zone	100	52.41	42.52	0.34	4.73
Bugna	100	49.67	33.41	1.10	15.81
Kobo	100	65.38	32.66	-	1.96
Gidan	100	57.09	36.00	0.29	6.62
Meket	100	48.56	49.32	0.14	1.98
Wadla	100	44.56	50.92	0.10	4.43
Dawuntna Delanta	100	50.57	46.57	0.28	2.58
Guba Lafto	100	50.71	47.06	0.73	1.50
Habru	100	52.75	44.25	0.05	2.95
South Wollo Zone	100	48.14	48.07	0.17	3.63
Mekdela	100	32.68	57.54	-	9.79
Tenta	100	47.45	51.04	0.25	1.25
Kutaber	100	30.15	68.28	-	1.57
Ambasel	100	56.74	38.31	0.25	4.70
Tehuledere	100	48.41	48.70	0.02	2.87
Werebabu	100	43.03	52.93	0.29	3.74
Kalu	100	38.36	59.36	-	2.29
Dessie Zuria	100	58.40	36.27	0.01	5.32
Legambo	100	54.80	42.24	0.25	2.71
Sayint	100	50.54	46.69	0.07	2.71
Debresina	100	55.65	40.82	0.71	2.82
Kelala	100	58.34	38.23	0.32	3.11
Jama	100	41.49	55.44	0.18	2.90
Were Ilu	100	39.04	57.57	0.05	3.34
Wegde	100	67.02	27.64	0.08	5.26
North Shewa Zone	100	57.74	38.98	0.08	3.20
Middana Weremo	100	69.59	20.49	0.48	9.44
Merhabete	100	90.19	8.50	-	1.32
Insarona Wayu	100	51.02	45.64	-	3.34
Moretna Jiru	100	85.13	9.51	-	5.37
Gera Keya	100	28.08	68.57	-	3.34
Geshe	100	48.75	49.16	-	2.09

TABLE 7-27-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	40.06	56.48	0.10	3.36
Efratana Gidim	100	57.52	37.33	0.22	4.93
Lalo Midir	100	25.17	73.62	-	1.20
Mojana Wedera	100	43.81	53.92	-	2.27
Tarmaber	100	49.98	41.21	0.20	8.61
Kewet	100	68.71	28.43	0.05	2.81
Asagirt	100	58.11	40.48	0.01	1.40
Angolelana Tera	100	17.22	81.22	0.27	1.30
Ankober	100	77.16	21.30	-	1.55
Hagere Mariam	100	67.34	30.64	0.03	2.00
Berehet	100	88.13	9.37	0.04	2.46
Minjarna Shenkora	100	86.89	11.97	-	1.13
Basona Werana	100	44.20	52.75	0.14	2.91
East Gojam Zone	100	68.07	29.15	0.08	2.70
Bibugn	100	56.92	40.69	0.02	2.37
Hulet Ej Enesie	100	70.37	29.09	-	0.55
Goncha Siso Enesie	100	63.19	32.66	0.06	4.09
Enebse Sar Midir	100	60.70	36.76	0.17	2.36
Enarj Enawga	100	67.99	28.57	0.23	3.21
Enemay	100	63.43	25.34	0.27	10.96
Debay Telatgen	100	54.56	44.16	-	1.28
Machakel	100	79.15	20.51	-	0.34
Gozamin	100	63.98	34.93	-	1.10
Baso Liben	100	79.70	18.37	-	1.92
Awabel	100	63.61	35.29	-	1.10
Dejen	100	81.10	14.71	0.29	3.90
Shebel Berenta	100	80.24	17.86	-	1.89
West Gojam Zone	100	65.37	33.09	0.07	1.47
Achefer	100	55.66	39.46	0.14	4.74
Bahirdar Zuria	100	45.13	54.54	0.01	0.32
Yilmana Densa	100	78.11	20.95	-	0.95
Merawi	100	55.94	43.67	-	0.39
Sekela	100	40.05	59.00	0.19	0.76
Kuarit	100	70.04	29.16	-	0.80
Dega Damot	100	71.90	27.86	-	0.24
Dembecha	100	83.12	14.59	0.10	2.19
Jabi Tehnan	100	77.16	21.53	0.02	1.29
Bure Wemberma	100	76.61	20.09	0.27	3.03
Wag Hamra Zone	100	56.09	36.56	0.07	7.29
Zikuala	100	65.16	24.70	0.05	10.08
Sekota	100	51.50	43.27	0.06	5.17
Dehana	100	51.60	41.70	0.09	6.62
Awi Zone	100	46.37	52.25	0.01	1.38
Dangela	100	56.44	42.45	0.01	1.10
Banja	100	32.04	66.60	0.01	1.35
Ankasha	100	59.92	39.24	-	0.83
Guangua	100	54.45	43.54	-	2.02
Faggeta Lekoma	100	28.98	69.40	0.04	1.58
Oromia Zone	100	51.09	42.72	0.08	6.12
Chefegolana Dawerahimedo	100	42.12	55.19	0.04	2.65
Bati	100	45.40	47.16	0.25	7.19
Jile Tumuga	100	57.14	31.55	0.03	11.28
Artuma Fursi	100	59.69	36.96	0.01	3.34

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	82.16	14.83	0.18	2.83
North Gonder Zone	100	86.45	8.58	0.4	4.57
Addi Arkay	100	90.47	5.55	1.10	2.88
Beyeda	100	88.43	1.52	2.30	7.74
Janamora	100	100	-	-	-
Debark	100	94.33	3.36	0.32	2.00
Dabat	100	93.86	2.76	0.12	3.26
Sanja	100	30.30	26.48	-	43.21
Lay Armacheho	100	85.62	8.20	0.29	5.89
Wegera	100	96.57	2.58	-	0.85
Gonder Zuria	100	82.66	6.93	-	10.41
Dembia	100	86.63	8.99	0.26	4.12
Chilga	100	91.83	6.64	-	1.52
Metema	100	82.57	13.34	0.78	3.31
Quara	100	91.50	3.75	-	4.75
Alefa	100	83.22	11.57	0.95	4.25
Belesa	100	85.48	2.12	-	12.40
Gonder	100	83.98	11.35	-	4.66
South Gonder Zone	100	86.83	10.38	0.11	2.68
Ebenat	100	87.32	11.43	-	1.25
Kemekem	100	84.51	12.92	-	2.57
Fogera	100	76.39	20.68	-	2.93
Farta	100	88.52	8.73	0.53	2.23
Lay Gayint	100	87.14	7.90	-	4.96
Tach Gayint	100	74.87	20.05	-	5.08
Simada	100	94.52	1.20	-	4.28
Estie	100	92.39	6.57	-	1.03
Dera	100	86.55	12.57	0.13	0.74
Debre Tabor	100	96.11	1.77	0.42	1.71
North Wollo Zone	100	75.18	19.78	0.88	4.16
Bugna	100	76.64	13.03	6.80	3.53
Kobo	100	74.47	22.06	-	3.47
Gidan	100	82.47	16.10	-	1.43
Meket	100	89.85	7.27	0.10	2.78
Wadla	100	51.54	37.04	-	11.42
Dawuntna Delanta	100	71.33	28.07	-	0.60
Habru	100	73.84	24.30	0.15	1.72
Weldia	100	81.31	10.38	-	8.31
South Wollo Zone	100	76.20	20.07	0.16	3.57
Mekdela	100	87.98	12.02	-	-
Tenta	100	62.36	36.40	-	1.24
Kutaber	100	71.50	27.05	-	1.45
Ambasel	100	78.56	17.70	-	3.75
Tehuledere	100	62.85	32.64	0.19	4.32
Werebabu	100	85.10	13.05	-	1.86
Kalu	100	66.79	29.78	-	3.43
Dessie Zuria	100	68.04	22.79	-	9.18
Legambo	100	75.93	14.60	1.42	8.06
Sayint	100	96.71	3.29	-	-
Debresina	100	81.89	16.61	0.97	0.53
Kelala	100	76.21	18.86	0.15	4.78
Jama	100	64.65	30.75	-	4.60
Were Ilu	100	73.31	24.87	-	1.82
Wegde	100	74.55	14.80	-	10.65
Kombolcha	100	93.01	5.74	-	1.24
Dessie	100	76.01	20.22	-	3.77
North Shewa Zone	100	74.32	23.21	0.07	2.40
Middana Weremo	100	89.33	10.34	-	0.33
Merhabete	100	72.83	25.28	-	1.89

TABLE 7-27-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Insarona Wayu	100	76.98	11.79	-	11.22
Moretna Jiru	100	76.63	20.85	-	2.52
Gera Keya	100	57.26	41.44	0.38	0.92
Geshe	100	88.98	11.02	-	-
Antsokiya Gemza	100	62.54	37.46	-	-
Efratana Gidim	100	69.06	28.13	0.04	2.77
Lalo Midir	100	52.79	46.82	-	0.40
Mojana Wedera	100	60.43	30.55	-	9.02
Tarmaber	100	61.28	36.74	-	1.98
Kewet	100	85.00	13.66	-	1.34
Asagirt	100	75.53	21.58	-	2.89
Angolelana Tera	100	40.13	58.81	-	1.07
Ankober	100	87.44	8.87	0.86	2.83
Hagere Mariam	100	86.26	13.74	-	-
Berehet	100	94.68	5.32	-	-
Minjarna Shenkora	100	93.08	3.95	-	2.97
Debre Berhane	100	81.92	14.55	-	3.53
East Gojam Zone	100	92.25	6.33	0.04	1.38
Bibugn	100	84.07	15.93	-	-
Hulet Ej Enesie	100	93.40	4.13	-	2.47
Goncha Siso Enesie	100	87.37	10.90	-	1.73
Enebse Sar Midir	100	96.21	3.65	-	0.13
Enarj Enawga	100	90.88	7.45	-	1.66
Enemay	100	94.80	3.27	-	1.92
Debay Telatgen	100	92.81	7.19	-	-
Machakel	100	97.04	1.13	-	1.83
Gozamin	100	93.29	5.52	-	1.19
Baso Liben	100	90.43	8.93	-	0.64
Awabel	100	86.98	10.50	-	2.52
Dejen	100	91.05	5.19	0.60	3.16
Shebel Berenta	100	99.67	-	-	0.33
Debre Markos	100	93.48	4.81	-	1.71
West Gojam Zone	100	90.01	8.57	0.07	1.35
Achefer	100	86.45	11.09	-	2.46
Bahirdar Zuria	100	88.84	10.41	-	0.76
Yilmana Densa	100	93.16	5.01	-	1.83
Merawi	100	95.56	2.65	0.71	1.08
Sekela	100	61.45	36.25	-	2.30
Kuarit	100	95.78	-	-	4.22
Dega Damot	100	96.72	3.28	-	-
Dembecha	100	96.01	3.63	-	0.36
Jabi Tehnan	100	94.66	4.91	-	0.44
Bure Wemberma	100	91.46	8.48	-	0.06
Wag Hamra Zone	100	56.93	31.53	-	11.53
Zikuala	100	39.13	60.87	-	-
Sekota	100	75.76	3.88	-	20.35
Dehana	100	55.91	29.84	-	14.25
Awi Zone	100	79.92	19.28	0.07	0.73
Dangela	100	88.26	10.49	0.09	1.15
Banja	100	75.67	23.01	-	1.33
Ankasha	100	84.47	15.25	-	0.28
Guangua	100	81.56	17.77	0.28	0.39
Faggeta Lekoma	100	69.63	29.89	-	0.48
Oromia Zone	100	75.95	19.17	0.03	4.85
Chefegolana Dawerahimedo	100	78.75	18.79	0.10	2.36
Bati	100	76.72	21.23	-	2.04
Jile Tumuga	100	74.75	13.41	-	11.84
Artuma Fursi	100	73.58	23.26	-	3.16
Bahirdar Special Zone	100	86.12	13.68	-	0.20
Bahirdar	100	86.12	13.68	-	0.20

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
Amhara Region	100	96.79	0.24	0.06	2.91
North Gonder Zone	100	97	0.07	0.1	2.82
Addi Arkay	100	98.65	0.08	0.15	1.12
Beyeda	100	99.14	-	0.01	0.85
Janamora	100	97.43	0.59	0.02	1.96
Debark	100	99.06	0.13	-	0.81
Dabat	100	99.12	0.02	-	0.86
Sanja	100	93.79	0.13	0.1	5.98
Lay Armacheho	100	97.98	-	-	2.02
Wegera	100	98.93	0.02	0.09	0.95
Gonder Zuria	100	98.83	0.02	0.15	1
Dembia	100	96.81	0.01	0.02	3.15
Chilga	100	97.09	0.12	0.13	2.65
Metema	100	94.7	0.29	0.53	4.48
Quara	100	96.27	0.07	0.29	3.37
Alefa	100	95.06	-	0.05	4.89
Belesa	100	95.51	-	0.2	4.29
Gonder	100	98.45	0.41	-	1.14
South Gonder Zone	100	99.27	-	0.06	0.67
Ebenat	100	99.47	-	0.43	0.1
Kemekem	100	99.51	0.01	-	0.47
Fogera	100	99.19	-	-	0.81
Farta	100	99.59	0.02	0.03	0.36
Lay Gayint	100	99.09	-	-	0.91
Tach Gayint	100	99.05	-	0.46	0.5
Simada	100	96.75	-	-	3.25
Estie	100	99.69	-	-	0.31
Dera	100	99.98	-	-	0.02
Debre Tabor	100	95.94	-	0.16	3.9
North Wollo Zone	100	92.42	0.14	0.03	7.41
Bugna	100	94.1	0.13	0.07	5.7
Kobo	100	98.84	-	-	1.16
Gidan	100	97.29	-	0.03	2.67
Meket	100	93.39	0.15	0.03	6.43
Wadla	100	98.05	0.25	-	1.7
Dawuntna Delanta	100	75.57	0.36	0.06	24.01
Guba Lafto	100	95.23	-	-	4.77
Habru	100	95.93	-	-	4.07
Weldia	100	99.66	-	-	0.34
South Wollo Zone	100	96.61	0.14	0.09	3.16
Mekdela	100	96.69	0.63	0.69	2
Tenta	100	99.84	-	-	0.16
Kutaber	100	97.85	1.81	-	0.34
Ambasel	100	99.31	-	-	0.69
Tehuledere	100	99.53	-	-	0.47
Werebabu	100	96.83	-	-	3.17
Kalu	100	100	-	-	-
Dessie Zuria	100	84.76	0.21	-	15.03
Legambo	100	98.89	-	0.08	1.03
Sayint	100	98.99	-	-	1.01
Debresina	100	100	-	-	-
Kelala	100	94.56	0.89	-	4.55
Jama	100	93.33	0.08	0.1	6.5
Were Ilu	100	98.47	0.05	0.36	1.13
Wegde	100	96.22	-	-	3.78
Kombolcha	100	100	-	-	-
Dessie	100	100	-	-	-
North Shewa Zone	100	94.54	0.88	0.04	4.54
Middana Weremo	100	94.75	-	-	5.25

TABLE 7-28-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	96.85	0.74	1.11	1.31
Inssarona Wayu	100	94.78	0.01	-	5.21
Moretna Jiru	100	95	1.14	-	3.86
Gera Keya	100	91.51	0.46	-	8.03
Geshe	100	95.61	0.34	-	4.05
Antsokiya Gemza	100	95.25	1.31	-	3.44
Efratana Gidim	100	94.06	0.17	-	5.77
Lalo Midir	100	96.25	0.04	-	3.71
Mojana Wedera	100	93.71	0.01	-	6.27
Tarmaber	100	94.9	0.02	0.06	5.03
Kewet	100	94.57	0.02	0.06	5.35
Asagirt	100	97.28	0.92	-	1.81
Angolelana Tera	100	93.07	3.45	0.01	3.47
Ankober	100	90.31	3.71	0.2	5.78
Hagere Mariam	100	95.5	3.44	-	1.06
Berehet	100	95.78	1.59	0.04	2.59
Minjarna Shenkora	100	98.01	1.69	-	0.3
Debre Berhane	100	93.55	1.74	-	4.71
Basona Werana	100	96.4	0.07	-	3.53
East Gojam Zone	100	98.25	0.14	0.08	1.53
Bibugn	100	97.65	0.02	-	2.34
Hulet Ej Enesie	100	99.22	-	0.03	0.75
Goncha Siso Enesie	100	99.34	-	0.1	0.57
Enebse Sar Midir	100	96.29	0.51	0.31	2.89
Enarj Enawga	100	93.51	0.96	0.18	5.35
Enemay	100	97.58	0.03	0.03	2.36
Debay Telatgen	100	98.59	-	-	1.41
Machakel	100	99.73	-	-	0.27
Gozamin	100	99.28	-	0.09	0.63
Baso Liben	100	97.19	0.5	0.16	2.14
Awabel	100	99.66	0.01	-	0.34
Dejen	100	95.79	0.42	0.38	3.41
Shebel Berenta	100	99.25	-	-	0.75
Debre Markos	100	97.9	-	0.04	2.07
West Gojam Zone	100	97.84	0.45	0.04	1.67
Achefer	100	96.97	0.48	-	2.55
Bahirdar Zuria	100	99.86	-	-	0.14
Yilmana Densa	100	97.15	-	0.16	2.69
Merawi	100	96.42	2.07	0.06	1.45
Sekela	100	98.56	0.33	-	1.11
Kuarit	100	98.86	-	-	1.14
Dega Damot	100	99.99	0.01	-	-
Dembecha	100	98.03	-	0.03	1.95
Jabi Tehnan	100	96.69	-	0.11	3.2
Bure Wemberma	100	98.02	-	-	1.98
Wag Hamra Zone	100	92.43	0.05	0.02	7.5
Zikuala	100	94.57	-	0.01	5.42
Sekota	100	92.25	-	-	7.75
Dehana	100	91.01	0.18	0.08	8.73
Awi Zone	100	98.53	0.56	0.02	0.88
Dangela	100	98.53	0.16	0.02	1.29
Banja	100	99.26	-	0.06	0.68
Ankasha	100	99.83	-	-	0.17
Guangua	100	95.04	2.69	0.02	2.25
Faggeta Lekoma	100	99.73	0.25	-	0.02
Oromia Zone	100	94.12	1.97	-	3.9
Chefegolana Dawerahimedo	100	85.49	-	-	14.51
Bati	100	88.19	7.85	-	3.96
Jile Tumuga	100	97.59	-	-	2.41
Artuma Fursi	100	96.25	-	-	3.75
Bahirdar Special Zone	100	97.93	-	0.23	1.85
Bahirdar	100	97.93	-	0.23	1.85

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	96.79	0.24	0.06	2.91
North Gonder Zone	100	97.02	0.07	0.1	2.81
Addi Arkay	100	98.73	0.08	0.13	1.05
Beyeda	100	99.16	-	-	0.84
Janamora	100	97.42	0.59	0.02	1.97
Debark	100	99.06	0.12	-	0.81
Dabat	100	99.12	0.02	-	0.86
Sanja	100	93.77	0.13	0.10	5.99
Lay Armacheho	100	98.01	-	-	1.99
Wegera	100	98.97	-	0.09	0.94
Gonder Zuria	100	98.86	-	0.15	0.99
Dembia	100	96.79	-	0.02	3.18
Chilga	100	97.10	0.12	0.11	2.67
Metema	100	94.86	0.29	0.56	4.30
Quara	100	96.26	0.07	0.29	3.38
Alefa	100	95.08	-	0.05	4.87
Belesa	100	95.49	-	0.20	4.30
South Gonder Zone	100	99.16	-	0.10	0.73
Ebenat	100	99.47	-	0.43	0.10
Kemekem	100	99.56	-	-	0.44
Fogera	100	99.19	-	-	0.81
Farta	100	99.61	0.02	0.02	0.35
Lay Gayint	100	99.12	-	-	0.88
Tach Gayint	100	99.08	-	0.46	0.45
Simada	100	96.74	-	-	3.26
Estie	100	99.69	-	-	0.31
Dera	100	100	-	-	-
North Wollo Zone	100	93.53	0.11	0.03	6.33
Bugna	100	94.20	0.13	0.07	5.61
Kobo	100	98.80	-	-	1.20
Gidan	100	97.32	-	0.04	2.65
Meket	100	93.35	0.16	0.03	6.46
Wadla	100	98.05	0.25	-	1.70
Dawuntna Delanta	100	75.50	0.36	0.06	24.08
Guba Lafto	100	95.23	-	-	4.77
Habru	100	95.80	-	-	4.20
South Wollo Zone	100	97.04	0.25	0.08	2.62
Mekdela	100	96.66	0.64	0.69	2.01
Tenta	100	99.86	-	-	0.14
Kutaber	100	97.86	1.93	-	0.21
Ambasel	100	99.31	-	-	0.69
Tehuledere	100	99.54	-	-	0.46
Werebabu	100	97.15	-	-	2.85
Kalu	100	100	-	-	-
Dessie Zuria	100	84.66	0.21	-	15.13
Legambo	100	98.89	-	0.08	1.03
Sayint	100	98.99	-	-	1.01
Debresina	100	100	-	-	-
Kelala	100	94.44	0.91	-	4.65
Jama	100	93.41	0.08	0.10	6.41
Were Ilu	100	98.46	0.05	0.36	1.13
Wegde	100	96.40	-	-	3.60
North Shewa Zone	100	94.98	0.95	0.08	3.99
Middana Weremo	100	94.65	-	-	5.35
Merhabete	100	97.63	-	1.17	1.19
Insarona Wayu	100	94.97	-	-	5.03
Moretna Jiru	100	95.22	0.89	-	3.90
Gera Keya	100	91.47	0.45	-	8.08

TABLE 7-28-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Geshe	100	95.62	0.34	-	4.04
Antsokiya Gemza	100	95.21	1.33	-	3.46
Efratana Gidim	100	94.03	0.17	-	5.80
Lalo Midir	100	96.26	0.03	-	3.71
Mojana Wedera	100	93.79	-	-	6.21
Tarmaber	100	94.96	-	0.06	4.98
Kewet	100	94.58	-	0.06	5.36
Asagirt	100	97.26	0.93	-	1.82
Angolelana Tera	100	93.11	3.36	0.01	3.52
Ankober	100	90.26	3.71	0.19	5.84
Hagere Mariam	100	95.50	3.43	-	1.06
Berehet	100	95.75	1.60	0.04	2.61
Minjarna Shenkora	100	98.03	1.70	-	0.27
Basona Werana	100	96.40	0.07	-	3.53
East Gojam Zone	100	97.94	0.19	0.10	1.78
Bibugn	100	97.65	-	-	2.35
Hulet Ej Enesie	100	99.24	-	0.03	0.73
Goncha Siso Enesie	100	99.33	-	0.10	0.57
Enebse Sar Midir	100	96.22	0.52	0.32	2.94
Enarj Enawga	100	93.49	0.98	0.19	5.35
Enemay	100	97.60	0.03	0.03	2.34
Debay Telatgen	100	98.58	-	-	1.42
Machakel	100	99.74	-	-	0.26
Gozamin	100	99.28	-	0.09	0.63
Baso Liben	100	97.23	0.51	0.17	2.10
Awabel	100	99.71	-	-	0.29
Dejen	100	95.83	0.42	0.38	3.37
Shebel Berenta	100	99.26	-	-	0.74
West Gojam Zone	100	98.05	0.29	0.04	1.63
Achefer	100	96.96	0.49	-	2.55
Bahirdar Zuria	100	99.86	-	-	0.14
Yilmana Densa	100	97.14	-	0.16	2.70
Merawi	100	96.40	2.09	0.06	1.46
Sekela	100	98.56	0.33	-	1.11
Kuarit	100	98.85	-	-	1.15
Dega Damot	100	100	-	-	-
Dembecha	100	97.98	-	0.03	1.99
Jabi Tehnan	100	96.64	-	0.11	3.25
Bure Wemberma	100	98.06	-	-	1.94
Wag Hamra Zone	100	92.58	0.06	0.03	7.33
Zikuala	100	94.55	-	0.01	5.44
Sekota	100	92.19	-	-	7.81
Dehana	100	91.00	0.18	0.08	8.74
Awi Zone	100	98.47	0.63	0.02	0.88
Dangela	100	98.54	0.15	0.02	1.29
Banja	100	99.30	-	0.06	0.64
Ankasha	100	99.84	-	-	0.16
Guangua	100	94.96	2.75	-	2.29
Faggeta Lekoma	100	99.73	0.25	-	0.01
Oromia Zone	100	93.80	2.80	-	3.40
Chefegolana Dawerahimedo	-	-	-	-	-
Bati	100	87.40	8.40	-	4.20
Jile Tumuga	100	97.54	-	-	2.46
Artuma Fursi	100	96.45	-	-	3.55

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	96.58	0.53	0.13	2.76
North Gonder Zone	100	96.28	0.44	0.33	2.95
Addi Arkay	100	95.91	0.07	0.79	3.23
Beyeda	100	93.64	-	2.30	4.06
Janamora	100	100	-	-	-
Debark	100	98.89	0.44	-	0.67
Dabat	100	99.18	-	-	0.82
Sanja	100	100	-	-	-
Lay Armacheho	100	91.22	0.52	0.56	7.70
Wegera	100	96.81	1.48	0.26	1.45
Gonder Zuria	100	96.36	1.53	-	2.10
Dembia	100	97.85	0.57	0.06	1.52
Chilga	100	96.20	-	3.27	0.54
Metema	100	93.13	0.27	0.33	6.26
Quara	100	100	-	-	-
Alefa	100	93.37	-	0.09	6.54
Belesa	100	100	-	-	-
Gonder	100	98.45	0.41	-	1.14
South Gonder Zone	100	97.73	0.07	0.09	2.12
Ebenat	100	99.35	-	-	0.65
Kemekem	100	97.62	0.49	-	1.88
Fogera	100	99.69	-	-	0.31
Farta	100	97.31	-	0.57	2.11
Lay Gayint	100	97.35	0.16	0.13	2.36
Tach Gayint	100	95.18	-	-	4.82
Simada	100	96.86	-	-	3.14
Estie	100	99.03	-	-	0.97
Dera	100	98.94	-	-	1.06
Debre Tabor	100	95.94	-	0.16	3.90
North Wollo Zone	100	95.04	-	0.07	4.89
Bugna	100	80.04	-	-	19.96
Kobo	100	99.64	-	-	0.36
Gidan	100	95.26	-	-	4.74
Meket	100	98.74	-	0.56	0.70
Wadla	100	100	-	-	-
Dawuntna Delanta	100	88.78	-	-	11.22
Habru	100	98.18	-	-	1.82
Weldia	100	99.66	-	-	0.34
South Wollo Zone	100	95.99	0.02	-	3.99
Mekdela	100	100	-	-	-
Tenta	100	97.45	-	-	2.55
Kutaber	100	97.63	-	-	2.37
Ambasel	100	100	-	-	-
Tehuledere	100	99.34	-	-	0.66
Werebabu	100	84.91	-	-	15.09
Kalu	100	100	-	-	-
Dessie Zuria	100	99.32	-	-	0.68
Legambo	100	99.07	-	-	0.93
Sayint	100	98.76	-	-	1.24
Debresina	100	100	-	-	-
Kelala	100	97.90	0.27	-	1.83
Jama	100	85.25	-	-	14.75
Were Ilu	100	99.02	-	-	0.98
Wegde	100	73.23	-	-	26.77
Kombolcha	100	100	-	-	-
Dessie	100	100	-	-	-
North Shewa Zone	100	93.42	2.29	0.09	4.20
Middana Weremo	100	97.63	-	-	2.37

TABLE 7-28-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	83.89	12.86	-	3.26
Insarona Wayu	100	85.97	0.32	0.11	13.59
Moretna Jiru	100	90.32	6.50	-	3.18
Gera Keya	100	95.84	1.34	0.42	2.40
Geshe	100	90.63	-	-	9.37
Antsokiya Gemza	100	97.96	-	-	2.04
Efratana Gidim	100	95.26	0.34	-	4.39
Lalo Midir	100	95.47	1.16	-	3.36
Mojana Wedera	100	83.49	1.94	-	14.57
Tarmaber	100	93.43	0.41	-	6.16
Kewet	100	94.45	0.57	-	4.98
Asagirt	100	98.89	-	-	1.11
Angolelana Tera	100	91.32	7.23	-	1.46
Ankober	100	95.25	3.57	1.18	-
Hagere Mariam	100	95.21	4.79	-	-
Berehet	100	100	-	-	-
Minjarna Shenkora	100	96.50	0.70	-	2.80
Debre Berhane	100	93.55	1.74	-	4.71
East Gojam Zone	100	97.37	0.21	0.06	2.36
Bibugn	100	97.25	2.29	-	0.46
Hulet Ej Enesie	100	98.08	-	-	1.92
Goncha Siso Enesie	100	100	-	-	-
Enebse Sar Midir	100	99.86	-	-	0.14
Enarj Enawga	100	94.70	-	-	5.30
Enemay	100	96.58	0.07	-	3.36
Debay Telatgen	100	100	-	-	-
Machakel	100	99.54	-	-	0.46
Gozamin	100	100	-	-	-
Baso Liben	100	93.82	-	-	6.18
Awabel	100	94.93	0.59	-	4.48
Dejen	100	92.64	-	0.83	6.52
Shebel Berenta	100	97.89	-	-	2.11
Debre Markos	100	97.90	-	0.04	2.07
West Gojam Zone	100	98.56	0.20	0.06	1.18
Achefer	100	97.53	0.11	-	2.36
Bahirdar Zuria	100	100	-	-	-
Yilmana Densa	100	100	-	-	-
Merawi	100	98.34	0.27	0.57	0.82
Sekela	100	98.30	-	-	1.70
Kuarit	100	100	-	-	-
Dega Damot	100	98.35	1.65	-	-
Dembecha	100	99.41	-	-	0.59
Jabi Tehnan	100	98.55	-	-	1.45
Bure Wemberma	100	95.15	-	-	4.85
Wag Hamra Zone	100	96.96	-	-	3.04
Zikuala	100	98.87	-	-	1.13
Sekota	100	99.49	-	-	0.51
Dehana	100	92.53	-	-	7.47
Awi Zone	100	98.44	0.27	0.15	1.14
Dangela	100	98.05	0.70	0.06	1.19
Banja	100	97.69	-	0.03	2.28
Ankasha	100	99.45	-	-	0.55
Guangua	100	97.73	0.64	0.67	0.97
Faggeta Lekoma	100	99.29	-	-	0.71
Oromia Zone	100	93.63	-	-	6.37
Chefegolana Dawerahimedo	100	85.49	-	-	14.51
Bati	100	99.40	-	-	0.60
Jile Tumuga	100	100	-	-	-
Artuma Fursi	100	89.62	-	-	10.38
Bahirdar Special Zone	100	97.93	-	0.23	1.85
Bahirdar	100	97.93	-	0.23	1.85

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
Amhara Region	100	37.43	47.18	1.21	14.18
North Gonder Zone	100	38.14	37.61	2.03	22.21
Addi Arkay	100	33.75	30.96	0.96	34.33
Beyeda	100	28.74	66.75	-	4.5
Janamora	100	44.42	26.63	6.36	22.58
Debark	100	27.07	27.63	-	45.3
Dabat	100	19.29	35.62	-	45.09
Sanja	100	39.89	47.08	2.9	10.13
Lay Armacheho	100	27.99	65.74	-	6.27
Wegera	100	23.05	36.43	-	40.52
Gonder Zuria	100	8.08	91.92	-	-
Dembia	100	31.15	62.48	-	6.36
Chilga	100	26.46	15.8	-	57.74
Metema	100	27.35	20.25	3.51	48.89
Quara	100	67.23	13.79	2.88	16.1
Alefa	100	29.13	24.62	4.08	42.17
Belesa	100	50.99	43.8	1.58	3.64
Gonder	100	35.58	45.25	-	19.17
South Gonder Zone	100	48.88	22.02	0.32	28.79
Ebenat	100	51.3	33.68	-	15.02
Kemekem	100	21.82	5.22	-	72.96
Fogera	100	41.66	-	-	58.34
Farta	100	35	37.62	-	27.38
Lay Gayint	100	42.11	57.89	-	-
Tach Gayint	100	74.45	16.45	-	9.1
Simada	100	43.08	5.48	1.14	50.3
Estie	100	25.41	22.42	-	52.16
Dera	100	83.71	16.29	-	-
Debre Tabor	100	79.23	9.07	2.94	8.75
North Wollo Zone	100	38.05	50.91	3.42	7.61
Bugna	100	38.86	43.42	3.01	14.72
Kobo	100	31.63	60.99	-	7.38
Gidan	100	22.17	72.17	0.28	5.38
Meket	100	38.48	41.56	16.55	3.41
Wadla	100	47.84	48.91	2.23	1.02
Dawuntna Delanta	100	55.44	32.94	0.8	10.82
Guba Lafto	100	18.94	75.97	-	5.08
Habru	100	30.2	49.49	4.65	15.67
Weldia	100	36.54	54.27	-	9.19
South Wollo Zone	100	28.68	51.75	-	19.57
Mekdela	100	39.33	43.08	-	17.59
Tenta	100	22.25	36.75	-	41
Kutaber	100	34.3	58.22	-	7.47
Ambasel	100	22.84	62.26	-	14.91
Tehuledere	100	58.45	13.55	-	27.99
Werebabu	100	27.52	52.35	-	20.13
Kalu	100	21.04	29.72	-	49.24
Dessie Zuria	100	22.67	46.5	-	30.83
Legambo	100	27.61	61.3	-	11.09
Sayint	100	25.82	55.87	-	18.31
Debresina	100	22.37	75.17	-	2.46
Kelala	100	51.09	25.8	-	23.11
Jama	100	26.8	70.92	-	2.28
Were Ilu	100	19.27	65.89	-	14.85
Wegde	100	26.86	63.58	-	9.57
Kombolcha	100	50	50	-	-
Dessie	100	63.7	36.3	-	-
North Shewa Zone	100	33.5	51.81	-	14.69
Middana Weremo	100	54.49	30.25	-	15.27

TABLE 7-29-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	25.46	55.16	-	19.38
Insarona Wayu	100	29.87	60.31	-	9.82
Moretna Jiru	100	54.55	20.18	-	25.27
Gera Keya	100	47.72	45.72	-	6.56
Geshe	100	46.75	48.75	-	4.49
Antsokiya Gemza	100	28.08	65.91	-	6.01
Efratana Gidim	100	25.83	61.27	-	12.91
Lalo Midir	100	54.59	38.15	-	7.25
Mojana Wedera	100	11.65	63.12	-	25.23
Tarmaber	100	33.54	49.13	-	17.33
Kewet	100	16.06	57.64	-	26.29
Asagirt	100	23.41	48.18	-	28.4
Angolelana Tera	100	53.76	34.71	-	11.53
Ankober	100	31.35	68.65	-	-
Hagere Mariam	100	17.53	59.32	-	23.15
Berehet	100	36.43	63.57	-	-
Minjarna Shenkora	100	5.18	87.07	-	7.74
Debre Berhane	100	9.53	90.47	-	-
Basona Werana	100	7.51	58.54	-	33.95
East Gojam Zone	100	48.24	46.86	0.15	4.75
Bibugn	100	29.19	70.81	-	-
Hulet Ej Enesie	100	46.34	53.3	-	0.36
Goncha Siso Enesie	100	84.63	10.83	-	4.53
Enebse Sar Midir	100	33.9	61.98	-	4.12
Enarj Enawga	100	21.8	78.2	-	-
Enemay	100	70.48	19.33	-	10.19
Debay Telatgen	100	35.19	64.81	-	-
Machakel	100	28.79	66.52	-	4.68
Gozamin	100	5.15	94.85	-	-
Baso Liben	100	75.42	16.87	1.08	6.63
Awabel	100	65.57	25.03	-	9.4
Dejen	100	57.29	19.36	-	23.35
Shebel Berenta	100	26.27	73.53	0.06	0.14
Debre Markos	100	37.51	62.49	-	-
West Gojam Zone	100	28.63	64.58	0.84	5.95
Achefer	100	19.72	72.56	2.06	5.65
Bahirdar Zuria	100	55.11	44.56	-	0.33
Yilmana Densa	100	18.45	81.55	-	-
Merawi	100	34.62	59.44	0.01	5.93
Sekela	100	71.31	22.31	6.38	-
Kuarit	100	36.98	34.41	-	28.61
Dega Damot	100	28.48	67.72	-	3.81
Dembecha	100	39.91	56.91	-	3.18
Jabi Tehnan	100	30.4	38.86	3.09	27.65
Bure Wemberma	100	17.8	82.2	-	-
Wag Hamra Zone	100	38.66	53.29	0.72	7.34
Zikuala	100	29.57	64.91	-	5.52
Sekota	100	39.82	52.76	-	7.41
Dehana	100	48.75	39.48	2.26	9.51
Awi Zone	100	26.8	66.86	2.57	3.77
Dangela	100	16.38	76.22	3.61	3.79
Banja	100	67.29	32.71	-	-
Ankasha	100	14.63	81.15	4.22	-
Guangua	100	48.97	45.07	0.05	5.91
Faggeta Lekoma	0	-	-	-	-
Oromia Zone	100	28.25	43.79	-	27.97
Chefegolana Dawerahimedo	100	28.54	54.51	-	16.96
Bati	100	28	7.17	-	64.82
Jile Tumuga	100	25.05	57.19	-	17.76
Artuma Fursi	100	32.54	39.47	-	28
Bahirdar Special Zone	100	22.42	77.58	-	-
Bahirdar	100	22.42	77.58	-	-

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	37.41	47.13	1.21	14.25
North Gonder Zone	100	38.15	37.48	2.04	22.33
Addi Arkay	100	33.67	30.83	0.97	34.53
Beyeda	100	28.82	66.66	-	4.52
Janamora	100	44.54	26.58	6.38	22.51
Debark	100	26.77	27.74	-	45.48
Dabat	100	19.39	35.19	-	45.41
Sanja	100	39.91	47.01	2.91	10.16
Lay Armacheho	100	27.95	65.81	-	6.24
Wegera	100	22.94	36.31	-	40.75
Gonder Zuria	100	7.81	92.19	-	-
Dembia	100	31.00	62.68	-	6.33
Chilga	100	26.46	15.80	-	57.74
Metema	100	26.73	16.68	3.85	52.74
Quara	100	67.23	13.79	2.88	16.10
Alefa	100	29.01	24.24	4.04	42.71
Belesa	100	50.93	43.84	1.58	3.64
South Gonder Zone	100	46.21	21.36	0.13	32.31
Ebenat	100	51.30	33.68	-	15.02
Kemekem	100	17.31	4.33	-	78.36
Fogera	100	41.75	-	-	58.25
Farta	100	34.82	37.73	-	27.46
Lay Gayint	100	41.97	58.03	-	-
Tach Gayint	100	74.68	16.19	-	9.14
Simada	100	43.11	5.35	1.15	50.40
Estie	100	25.41	22.42	-	52.16
Dera	100	85.51	14.49	-	-
North Wollo Zone	100	35.40	53.24	3.45	7.91
Bugna	100	38.81	43.62	3.03	14.55
Kobo	100	31.56	61.10	-	7.34
Gidan	100	21.95	72.36	0.28	5.40
Meket	100	38.36	41.65	16.58	3.41
Wadla	100	47.84	48.91	2.23	1.02
Dawuntna Delanta	100	55.44	32.94	0.80	10.82
Guba Lafto	100	18.94	75.97	-	5.08
Habru	100	30.28	49.40	4.67	15.64
South Wollo Zone	100	29.83	50.66	-	19.52
Mekdela	100	39.33	43.08	-	17.59
Tenta	100	22.06	36.65	-	41.28
Kutaber	100	34.30	58.22	-	7.47
Ambasel	100	22.84	62.26	-	14.91
Tehuledere	100	58.12	13.32	-	28.56
Werebabu	100	27.57	52.39	-	20.04
Kalu	100	21.00	29.62	-	49.38
Dessie Zuria	100	22.59	46.42	-	30.98
Legambo	100	27.61	61.30	-	11.09
Sayint	100	25.82	55.87	-	18.31
Debresina	100	22.37	75.17	-	2.46
Kelala	100	51.01	25.69	-	23.29
Jama	100	26.84	70.87	-	2.29
Were Ilu	100	19.10	65.40	-	15.51
Wegde	100	26.86	63.58	-	9.57
North Shewa Zone	100	31.76	53.38	-	14.86
Middana Weremo	100	54.14	30.43	-	15.42
Merhabete	100	25.66	54.78	-	19.56
Insarona Wayu	100	30.01	60.28	-	9.71
Moretna Jiru	100	54.90	19.89	-	25.22
Gera Keya	100	47.32	46.03	-	6.65
Geshe	100	46.75	48.75	-	4.49

TABLE 7-29-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	28.44	66.13	-	5.43
Efratana Gidim	100	25.91	61.11	-	12.98
Lalo Midir	100	54.82	37.87	-	7.31
Mojana Wedera	100	11.65	63.12	-	25.23
Tarmaber	100	33.80	48.62	-	17.58
Kewet	100	15.69	57.70	-	26.60
Asagirt	100	23.03	48.30	-	28.66
Angolelana Tera	100	53.77	34.64	-	11.60
Ankober	100	31.35	68.65	-	-
Hagere Mariam	100	17.56	59.18	-	23.26
Berehet	100	36.43	63.57	-	-
Minjarna Shenkora	100	4.74	86.60	-	8.66
Basona Werana	100	7.51	58.54	-	33.95
East Gojam Zone	100	42.85	52.18	0.08	4.88
Bibugn	100	29.24	70.76	-	-
Hulet Ej Enesie	100	45.85	53.92	-	0.23
Goncha Siso Enesie	100	85.06	10.38	-	4.56
Enebse Sar Midir	100	33.86	62.01	-	4.13
Enarj Enawga	100	19.26	80.74	-	-
Enemay	100	70.34	19.35	-	10.31
Debay Telatgen	100	35.19	64.81	-	-
Machakel	100	28.71	66.58	-	4.70
Gozamin	100	5.15	94.85	-	-
Baso Liben	100	75.53	16.79	1.03	6.64
Awabel	100	65.63	24.95	-	9.42
Dejen	100	57.47	19.05	-	23.48
Shebel Berenta	100	5.80	94.20	-	-
West Gojam Zone	100	35.28	56.03	1.17	7.53
Achefer	100	19.79	72.41	2.11	5.70
Bahirdar Zuria	100	55.29	44.71	-	-
Yilmana Densa	100	17.88	82.12	-	-
Merawi	100	33.60	60.78	-	5.63
Sekela	100	71.31	22.31	6.38	-
Kuarit	100	36.98	34.41	-	28.61
Dega Damot	100	28.86	67.27	-	3.87
Dembecha	100	40.40	56.51	-	3.09
Jabi Tehnan	100	30.75	37.71	3.17	28.37
Bure Wemberma	100	17.92	82.08	-	-
Wag Hamra Zone	100	39.43	52.33	0.76	7.48
Zikuala	100	29.43	65.03	-	5.54
Sekota	100	39.97	52.55	-	7.47
Dehana	100	48.88	39.42	2.28	9.42
Awi Zone	100	36.53	59.04	1.99	2.44
Dangela	100	16.38	76.16	3.64	3.82
Banja	100	66.43	33.57	-	-
Ankasha	100	14.46	81.27	4.27	-
Guangua	100	48.86	45.16	0.05	5.93
Faggeta Lekoma	-	-	-	-	-
Oromia Zone	100	28.63	39.59	-	31.79
Chefegolana Dawerahimedo	100	28.56	54.47	-	16.98
Bati	100	27.83	6.96	-	65.21
Jile Tumuga	100	25.05	57.19	-	17.76
Artuma Fursi	100	33.07	39.72	-	27.21

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	41.2	51.57	0.34	6.89
North Gonder Zone	100	36.52	54.55	0.82	8.11
Addi Arkay	100	42.86	46.69	-	10.46
Beyeda	100	10.20	89.80	-	-
Janamora	100	5.00	45.00	-	50
Debark	100	100	-	-	-
Dabat	100	5.11	94.89	-	-
Sanja	100	30.57	69.43	-	-
Lay Armacheho	100	40.69	44.12	-	15.20
Wegera	100	39.50	53.69	-	6.81
Gonder Zuria	100	22.96	77.04	-	-
Dembia	100	38.27	53.65	-	8.08
Chilga	-	-	-	-	-
Metema	100	33.35	55.09	0.19	11.36
Quara	-	-	-	-	-
Alefa	100	38.21	54.55	7.24	-
Belesa	100	75.31	21.60	-	3.09
Gonder	100	35.58	45.25	-	19.17
South Gonder Zone	100	53.81	34.16	0.37	11.67
Ebenat	-	-	-	-	-
Kemekem	100	82.66	17.34	-	-
Fogera	100	35.41	-	-	64.59
Farta	100	100	-	-	-
Lay Gayint	100	57.90	42.10	-	-
Tach Gayint	100	10	90	-	-
Simada	100	33.33	46.69	-	19.98
Estie	-	-	-	-	-
Dera	100	31.96	68.04	-	-
Debre Tabor	100	79.23	9.07	2.94	8.75
North Wollo Zone	100	52.65	32.37	-	14.99
Bugna	100	47.56	7.81	-	44.63
Kobo	100	45.99	37.92	-	16.09
Gidan	100	72.18	27.82	-	-
Meket	100	100	-	-	-
Wadla	-	-	-	-	-
Dawuntna Delanta	-	-	-	-	-
Habru	100	13.60	66.40	-	20
Weldia	100	36.54	54.27	-	9.19
South Wollo Zone	100	43.49	52.51	-	4.00
Mekdela	-	-	-	-	-
Tenta	100	49.42	50.58	-	-
Kutaber	-	-	-	-	-
Ambasel	-	-	-	-	-
Tehuledere	100	74.88	25.12	-	-
Werebabu	100	25.03	49.93	-	25.03
Kalu	100	34.62	57.99	-	7.38
Dessie Zuria	100	39.11	60.89	-	-
Legambo	-	-	-	-	-
Sayint	-	-	-	-	-
Debresina	-	-	-	-	-
Kelala	100	57.40	35.00	-	7.60
Jama	100	17.64	82.36	-	-
Were Ilu	100	23.06	76.94	-	-
Wegde	-	-	-	-	-
Kombolcha	100	50	50	-	-
Dessie	100	63.70	36.30	-	-
North Shewa Zone	100	30.42	63.37	-	6.22
Middana Weremo	100	83.64	14.35	-	2.01
Merhabete	100	9.57	85.28	-	5.15

TABLE 7-29-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Insarona Wayu	100	23.15	61.84	-	15.02
Moretna Jiru	100	14.32	54.13	-	31.55
Gera Keya	100	75.67	24.33	-	-
Geshe	-	-	-	-	-
Antsokiya Gemza	100	13.35	56.68	-	29.97
Efratana Gidim	100	10.11	89.89	-	-
Lalo Midir	100	26.39	73.61	-	-
Mojana Wedera	-	-	-	-	-
Tarmaber	100	15.49	84.51	-	-
Kewet	100	39.19	53.99	-	6.82
Asagirt	100	64.94	35.06	-	-
Angolelana Tera	100	52.22	45.07	-	2.71
Ankober	-	-	-	-	-
Hagere Mariam	100	9.79	90.21	-	-
Berehet	-	-	-	-	-
Minjarna Shenkora	100	8.89	91.11	-	-
Debre Berhane	100	9.53	90.47	-	-
East Gojam Zone	100	50.35	46.47	1.54	1.64
Bibugn	100	-	100	-	-
Hulet Ej Enesie	100	77.26	14.48	-	8.26
Goncha Siso Enesie	100	25.03	74.97	-	-
Enebse Sar Midir	100	50.11	49.89	-	-
Enarj Enawga	100	90.03	9.97	-	-
Enemay	100	81.71	17.64	-	0.65
Debay Telatgen	-	-	-	-	-
Machakel	100	42.18	56.29	-	1.53
Gozamin	-	-	-	-	-
Baso Liben	100	31.82	50	18.18	-
Awabel	100	36.36	63.64	-	-
Dejen	100	37.70	53.61	-	8.69
Shebel Berenta	100	94.52	4.61	0.27	0.60
Debre Markos	100	37.51	62.49	-	-
West Gojam Zone	100	29.22	55.45	0.03	15.29
Achefer	100	16.58	79.88	-	3.54
Bahirdar Zuria	100	-	-	-	100
Yilmana Densa	100	100	-	-	-
Merawi	100	58.44	28.41	0.26	12.90
Sekela	-	-	-	-	-
Kuarit	-	-	-	-	-
Dega Damot	100	4.94	95.06	-	-
Dembecha	100	25.62	68.46	-	5.91
Jabi Tehnan	100	17.08	82.92	-	-
Bure Wemberma	100	11.12	88.88	-	-
Wag Hamra Zone	100	37.12	54.07	-	8.81
Zikuala	100	66.67	33.33	-	-
Sekota	100	20.75	79.25	-	-
Dehana	100	23.95	49.63	-	26.43
Awi Zone	100	55.00	45.01	-	-
Dangela	100	16.39	83.61	-	-
Banja	100	86.27	13.73	-	-
Ankasha	100	30.88	69.12	-	-
Guangua	100	86.44	13.56	-	-
Faggeta Lekoma	-	-	-	-	-
Oromia Zone	100	30.47	55.33	-	14.20
Chefegolana Dawerahimedo	100	10.16	89.84	-	-
Bati	100	54.31	39.23	-	6.46
Jile Tumuga	-	-	-	-	-
Artuma Fursi	100	26.93	36.93	-	36.14
Bahirdar Special Zone	100	22.42	77.58	-	-
Bahirdar	100	22.42	77.58	-	-

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
Amhara Region	100	89.7	6.2	0.1	4
North Gonder Zone	100	84.93	10.3	0.28	4.49
Addi Arkay	100	89.34	8.47	-	2.19
Beyeda	100	89.2	7.62	0.19	2.99
Janamora	100	96.15	2.71	0.22	0.91
Debark	100	91.56	5.7	0.01	2.73
Dabat	100	93.59	2.14	-	4.27
Sanja	100	72.65	20.53	0.52	6.31
Lay Armacheho	100	79.68	15.03	0.74	4.55
Wegera	100	93.87	1.23	0.01	4.89
Gonder Zuria	100	78.17	18.83	-	3
Dembia	100	74.29	12.59	-	13.12
Chilga	100	60.4	29.39	-	10.21
Metema	100	72.56	10.05	0.18	17.22
Quara	100	70.73	19.09	4.85	5.33
Alefa	100	51.37	31.98	0.01	16.64
Belesa	100	91.69	7.06	-	1.25
Gonder	100	82.05	16.17	-	1.78
South Gonder Zone	100	88.6	5.71	0.15	5.53
Ebenat	100	80.98	14.31	0.02	4.69
Kemekem	100	87.69	8.14	-	4.16
Fogera	100	67.4	16.02	-	16.59
Farta	100	90.06	8.11	0.61	1.22
Lay Gayint	100	87.13	9.73	-	3.14
Tach Gayint	100	96.13	0.18	-	3.69
Simada	100	81.09	1.27	0.28	17.37
Estie	100	94.22	1.8	-	3.98
Dera	100	75.64	22.47	-	1.89
Debre Tabor	100	93.92	5.15	0.06	0.86
North Wollo Zone	100	93.7	3.64	0.06	2.6
Bugna	100	90.9	1.77	-	7.33
Kobo	100	92.92	3.4	-	3.68
Gidan	100	96.03	0.88	-	3.08
Meket	100	88.68	9.51	-	1.81
Wadla	100	91.25	6.66	0.06	2.03
Dawuntna Delanta	100	98.36	0.55	0.15	0.94
Guba Lafto	100	96.19	2.21	0.21	1.38
Habru	100	96.38	1.6	-	2.01
Weldia	100	81.75	17.16	-	1.09
South Wollo Zone	100	88	5.04	0.09	6.87
Mekdela	100	85.06	8.89	0.59	5.45
Tenta	100	93.96	1.01	-	5.03
Kutaber	100	87.36	7.24	-	5.4
Ambasel	100	86.91	8.79	-	4.31
Tehuledere	100	80.75	11.71	-	7.54
Werebabu	100	79.83	2.33	0.13	17.71
Kalu	100	85.95	2.42	-	11.63
Dessie Zuria	100	93.36	2.56	-	4.08
Legambo	100	86.46	1.03	0.31	12.2
Sayint	100	86.99	6.68	0.06	6.26
Debresina	100	89.76	1.5	0.22	8.51
Kelala	100	84.09	4.05	-	11.86
Jama	100	86	10.31	-	3.69
Were Ilu	100	90.77	2.38	-	6.85
Wegde	100	89.07	3.91	-	7.03
Kombolcha	100	68.57	29.48	-	1.94
Dessie	100	85.98	13.9	-	1.02
North Shewa Zone	100	90.92	7.24	0.02	1.81
Middana Weremo	100	93.14	0.34	-	6.53

TABLE 7-30-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	91.62	3.62	-	4.75
Insarona Wayu	100	95.71	2.97	-	1.32
Moretna Jiru	100	91.44	7.24	-	1.32
Gera Keya	100	96.31	2.05	-	1.64
Geshe	100	98.36	0.66	-	0.98
Antsokiya Gemza	100	92.62	4.77	0.28	2.33
Efratana Gidim	100	78.94	20.08	-	0.98
Lalo Midir	100	99.75	-	-	0.25
Mojana Wedera	100	97.32	0.68	-	1.99
Tarmaber	100	88.11	5.65	-	6.24
Kewet	100	83.8	13.65	-	2.55
Asagirt	100	91.86	5.12	-	3.02
Angolelana Tera	100	98.02	0.86	0.13	0.99
Ankober	100	81.14	17.21	0.01	1.64
Hagere Mariam	100	94.03	4.63	-	1.33
Berehet	100	86.99	12.77	-	0.23
Minjarna Shenkora	100	54.95	43.01	-	2.03
Debre Berhane	100	85.49	14.34	-	0.16
Basona Werana	100	87.48	11.37	-	1.15
East Gojam Zone	100	92.35	5.63	0.09	1.93
Bibugn	100	85.85	13.18	-	0.97
Hulet Ej Enesie	100	94.78	2.7	0.03	2.49
Goncha Siso Enesie	100	92.02	4.47	-	3.51
Enebse Sar Midir	100	89.92	8.57	-	1.51
Enarj Enawga	100	91.16	4.06	0.25	4.53
Enemay	100	88.46	10	-	1.54
Debay Telatgen	100	95.57	3.94	-	0.5
Machakel	100	92.97	6.8	-	0.23
Gozamin	100	92.25	7.06	0.02	0.66
Baso Liben	100	91.78	5.25	0.93	2.04
Awabel	100	96.79	1.52	-	1.69
Dejen	100	88.68	7.67	0.02	3.63
Shebel Berenta	100	86.66	4.53	-	8.81
Debre Markos	100	92.87	5.28	-	1.85
West Gojam Zone	100	90.23	7.3	0.05	2.42
Achefer	100	82.17	11.39	-	6.44
Bahirdar Zuria	100	46.77	32.82	-	20.41
Yilmana Densa	100	94.31	3.93	0.03	1.73
Merawi	100	95.64	3.93	0.01	0.43
Sekela	100	98.08	0.65	-	1.27
Kuarit	100	93.23	4.51	0.25	2
Dega Damot	100	84.75	14.3	-	0.95
Dembecha	100	91.7	5.29	0.29	2.72
Jabi Tehnan	100	95.11	3.16	-	1.74
Bure Wemberma	100	90.16	8.7	-	1.15
Wag Hamra Zone	100	92.56	4.83	0.03	2.59
Zikuala	100	95.15	1.44	0.09	3.32
Sekota	100	91.64	7.46	-	0.89
Dehana	100	91.2	4.83	-	3.97
Awi Zone	100	89.17	6.16	0.06	4.62
Dangela	100	72.78	17.73	-	9.49
Banja	100	96.4	0.72	0.11	2.77
Ankasha	100	87.31	10.2	0.12	2.37
Guangua	100	88.77	1.74	0.01	9.48
Faggeta Lekoma	100	98.12	0.87	-	1
Oromia Zone	100	79.66	2.44	-	17.89
Chefegolana Dawerahimedo	100	81.68	2.73	-	15.59
Bati	100	72.25	1.88	-	25.87
Jile Tumuga	100	82.25	3.14	-	14.6
Artuma Fursi	100	89.89	2.66	-	7.44
Bahirdar Special Zone	100	89.32	9.02	-	1.66
Bahirdar	100	89.32	9.02	-	1.66

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	89.73	6.15	0.1	4.02
North Gonder Zone	100	84.94	10.29	0.28	4.5
Addi Arkay	100	89.43	8.38	-	2.19
Beyeda	100	89.21	7.63	0.18	2.98
Janamora	100	96.15	2.71	0.22	0.92
Debark	100	91.64	5.62	-	2.73
Dabat	100	93.64	2.04	-	4.32
Sanja	100	72.36	20.69	0.53	6.42
Lay Armacheho	100	79.69	14.99	0.75	4.57
Wegera	100	93.88	1.23	-	4.89
Gonder Zuria	100	78.19	18.83	-	2.98
Dembia	100	73.37	13.16	-	13.47
Chilga	100	60.08	29.70	-	10.22
Metema	100	72.55	9.93	0.07	17.45
Quara	100	70.73	19.09	4.85	5.33
Alefa	100	50.88	32.25	-	16.87
Belesa	100	91.66	7.09	-	1.25
South Gonder Zone	100	84.34	9.19	0.10	6.37
Ebenat	100	81.09	14.24	-	4.67
Kemekem	100	87.83	8.04	-	4.13
Fogera	100	66.66	16.09	-	17.24
Farta	100	90.12	8.07	0.61	1.20
Lay Gayint	100	86.95	9.89	-	3.16
Tach Gayint	100	96.19	0.12	-	3.69
Simada	100	81.26	1.20	0.27	17.27
Estie	100	94.21	1.77	-	4.02
Dera	100	74.73	23.32	-	1.95
North Wollo Zone	100	93.87	3.29	0.05	2.79
Bugna	100	90.86	1.77	-	7.36
Kobo	100	93.00	3.29	-	3.70
Gidan	100	96.08	0.84	-	3.08
Meket	100	88.73	9.46	-	1.81
Wadla	100	91.24	6.67	0.06	2.03
Dawuntna Delanta	100	98.36	0.56	0.15	0.93
Guba Lafto	100	96.19	2.21	0.21	1.38
Habru	100	96.51	1.50	-	1.99
South Wollo Zone	100	87.06	4.95	0.09	7.90
Mekdela	100	85.03	8.91	0.59	5.47
Tenta	100	93.94	0.99	-	5.07
Kutaber	100	87.30	7.27	-	5.43
Ambasel	100	86.87	8.84	-	4.29
Tehuledere	100	80.69	11.49	-	7.82
Werebabu	100	79.60	2.33	0.13	17.94
Kalu	100	85.94	2.43	-	11.63
Dessie Zuria	100	93.38	2.52	-	4.10
Legambo	100	86.49	0.98	0.32	12.22
Sayint	100	86.98	6.67	0.06	6.28
Debresina	100	89.75	1.42	0.23	8.60
Kelala	100	84.24	3.79	-	11.97
Jama	100	85.96	10.33	-	3.71
Were Ilu	100	90.67	2.36	-	6.97
Wegde	100	89.05	3.91	-	7.04
North Shewa Zone	100	89.59	8.21	0.02	2.18
Middana Weremo	100	93.69	0.19	-	6.12
Merhabete	100	91.92	3.10	-	4.98
Insarona Wayu	100	95.69	2.97	-	1.35
Moretna Jiru	100	91.32	7.38	-	1.30
Gera Keya	100	96.28	2.07	-	1.66
Geshe	100	98.35	0.66	-	0.99

TABLE 7-30-b -(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	92.80	4.53	0.29	2.39
Efratana Gidim	100	78.73	20.33	-	0.93
Lalo Midir	100	99.75	-	-	0.25
Mojana Wedera	100	97.37	0.63	-	2.00
Tarmaber	100	87.83	5.81	-	6.36
Kewet	100	83.64	13.75	-	2.60
Asagirt	100	91.86	5.12	-	3.02
Angolelana Tera	100	98.01	0.86	0.13	1.00
Ankober	100	80.94	17.39	-	1.67
Hagere Mariam	100	94.03	4.62	-	1.34
Berehet	100	86.99	12.77	-	0.23
Minjarna Shenkora	100	55.50	42.41	-	2.09
Basona Werana	100	87.48	11.37	-	1.15
East Gojam Zone	100	91.27	6.14	0.10	2.49
Bibugn	100	85.93	13.09	-	0.98
Hulet Ej Enesie	100	94.82	2.65	0.03	2.49
Goncha Siso Enesie	100	91.93	4.51	-	3.56
Enebse Sar Midir	100	89.80	8.67	-	1.53
Enarj Enawga	100	91.22	3.93	0.25	4.60
Enemay	100	88.22	10.23	-	1.55
Debay Telatgen	100	95.60	3.90	-	0.50
Machakel	100	92.96	6.85	-	0.19
Gozamin	100	92.24	7.07	0.02	0.66
Baso Liben	100	91.92	5.07	0.94	2.06
Awabel	100	96.75	1.53	-	1.71
Dejen	100	88.62	7.69	-	3.68
Shebel Berenta	100	86.47	4.68	-	8.85
West Gojam Zone	100	87.30	8.78	0.06	3.87
Achefer	100	82.60	10.93	-	6.47
Bahirdar Zuria	100	46.83	32.69	-	20.48
Yilmana Densa	100	94.33	3.89	0.03	1.75
Merawi	100	95.60	3.99	-	0.42
Sekela	100	98.13	0.61	-	1.25
Kuarit	100	93.22	4.51	0.25	2.02
Dega Damot	100	84.67	14.38	-	0.96
Dembecha	100	91.92	5.19	0.28	2.61
Jabi Tehnan	100	95.46	2.92	-	1.62
Bure Wemberma	100	90.25	8.65	-	1.11
Wag Hamra Zone	100	92.69	4.54	0.03	2.74
Zikuala	100	95.13	1.44	0.09	3.34
Sekota	100	91.71	7.39	-	0.90
Dehana	100	91.24	4.79	-	3.97
Awi Zone	100	88.72	6.23	0.05	5.00
Dangela	100	72.83	17.66	-	9.52
Banja	100	96.59	0.71	0.11	2.58
Ankasha	100	87.32	10.19	0.13	2.37
Guangua	100	88.76	1.72	-	9.53
Faggeta Lekoma	100	98.11	0.88	-	1.00
Oromia Zone	100	81.47	2.56	-	15.97
Chefegolana Dawerahimedo	100	81.63	2.68	-	15.69
Bati	100	72.11	1.84	-	26.05
Jile Tumuga	100	82.23	3.10	-	14.67
Artuma Fursi	100	89.91	2.62	-	7.47

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	87.87	9.05	0.11	2.97
North Gonder Zone	100	84.44	10.97	0.47	4.13
Addi Arkay	100	68.91	28.19	0.37	2.53
Beyeda	100	84.18	4.21	4.21	7.41
Janamora	100	96.37	3.63	-	-
Debark	100	87.17	9.70	0.36	2.76
Dabat	100	90.71	8.34	-	0.95
Sanja	100	88.84	11.16	-	-
Lay Armacheho	100	77.65	20.21	-	2.15
Wegera	100	92.82	0.65	1.77	4.75
Gonder Zuria	100	75.96	19.30	-	4.74
Dembia	100	86.51	5.07	-	8.41
Chilga	100	79.73	11.10	-	9.18
Metema	100	72.58	11.67	1.70	14.05
Quara	-	-	-	-	-
Alefa	100	75.67	18.77	0.55	5.00
Belesa	100	100	-	-	-
Gonder	100	82.05	16.17	-	1.78
South Gonder Zone	100	80.59	12.18	0.71	6.52
Ebenat	100	51.75	32.00	6.12	10.13
Kemekem	100	81.75	12.58	-	5.67
Fogera	100	77.27	14.96	-	7.77
Farta	100	74.88	18.38	0.34	6.40
Lay Gayint	100	94.33	3.09	-	2.59
Tach Gayint	100	84.49	11.82	-	3.69
Simada	100	65.08	8.03	0.56	26.34
Estie	100	94.70	4.71	-	0.58
Dera	100	87.70	11.09	-	1.21
Debre Tabor	100	93.92	5.15	0.06	0.86
North Wollo Zone	100	87.84	10.59	0.02	1.54
Bugna	100	95.28	1.57	-	3.14
Kobo	100	79.83	20.17	-	-
Gidan	100	78.21	19.45	-	2.34
Meket	100	78.76	20.31	-	0.93
Wadla	100	100	-	-	-
Dawuntna Delanta	100	97.82	-	0.14	2.04
Habru	100	91.10	6.06	0.05	2.79
Weldia	100	81.75	17.16	-	1.09
South Wollo Zone	100	87.73	9.61	-	2.66
Mekdela	100	100	-	-	-
Tenta	100	94.91	2.01	-	3.08
Kutaber	100	91.97	5.06	-	2.98
Ambasel	100	93.40	-	-	6.60
Tehuledere	100	82.30	17.10	-	0.59
Werebabu	100	88.57	2.33	-	9.10
Kalu	100	88.81	-	-	11.19
Dessie Zuria	100	89.47	10.53	-	-
Legambo	100	71.13	28.87	-	-
Sayint	100	90	10	-	-
Debresina	100	90.92	9.08	-	-
Kelala	100	73.58	22.78	-	3.63
Jama	100	89.65	8.88	-	1.47
Were Ilu	100	95.08	3.27	-	1.65
Wegde	100	97.99	-	-	2.01
Kombolcha	100	68.57	29.48	-	1.94
Dessie	100	85.08	13.90	-	1.02
North Shewa Zone	100	89.50	8.78	0.03	1.69
Middana Weremo	100	80.62	3.63	-	15.76

TABLE 7-30-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	85.50	14.34	0.06	0.10
Insarona Wayu	100	96.66	2.92	-	0.42
Moretna Jiru	100	96.63	0.90	-	2.48
Gera Keya	100	100	-	-	-
Geshe	100	100	-	-	-
Antsokiya Gemza	100	87.18	12.32	-	0.50
Efratana Gidim	100	93.46	1.93	-	4.61
Lalo Midir	100	100	-	-	-
Mojana Wedera	100	86.88	13.12	-	-
Tarmaber	100	95.40	1.65	-	2.95
Kewet	100	88.22	10.65	-	1.12
Asagirt	100	91.73	6.13	-	2.13
Angolelana Tera	100	100	-	-	-
Ankober	100	91.28	8.17	0.55	-
Hagere Mariam	100	94.05	5.95	-	-
Berehet	-	-	-	-	-
Minjarna Shenkora	100	37.89	61.90	-	0.21
Debre Berhane	100	85.49	14.34	-	0.16
East Gojam Zone	100	91.39	7.25	0.04	1.32
Bibugn	100	74.41	25.59	-	-
Hulet Ej Enesie	100	92.85	4.76	-	2.40
Goncha Siso Enesie	100	98.35	1.65	-	-
Enebse Sar Midir	100	97.27	2.63	-	0.10
Enarj Enawga	100	88.01	11.79	0.07	0.13
Enemay	100	95.12	3.74	-	1.14
Debay Telatgen	100	92.20	7.80	-	-
Machakel	100	93.62	3.63	-	2.75
Gozamin	100	93.72	5.83	-	0.46
Baso Liben	100	78.22	21.78	-	-
Awabel	100	100	-	-	-
Dejen	100	90.17	7.08	0.54	2.22
Shebel Berenta	100	92.63	-	-	7.37
Debre Markos	100	92.87	5.28	-	1.85
West Gojam Zone	100	85.37	10.61	0.07	3.96
Achefer	100	70.11	24.19	-	5.70
Bahirdar Zuria	100	44.24	38.13	-	17.64
Yilmana Densa	100	93.22	6.78	-	-
Merawi	100	96.66	2.41	0.14	0.79
Sekela	100	93.02	3.74	-	3.25
Kuarit	100	94.86	5.14	-	-
Dega Damot	100	100	-	-	-
Dembecha	100	86.18	7.74	0.56	5.52
Jabi Tehnan	100	90.02	6.62	-	3.37
Bure Wemberma	100	85.37	11.35	-	3.28
Wag Hamra Zone	100	79.45	19.60	0.95	-
Zikuala	100	100	-	-	-
Sekota	100	81.95	18.05	-	-
Dehana	100	56.40	40.74	2.86	-
Awi Zone	100	87.28	6.91	0.10	5.70
Dangela	100	71.11	20.17	-	8.72
Banja	100	89.12	0.74	-	10.14
Ankasha	100	87.14	10.50	-	2.36
Guangua	100	89.85	3.16	0.50	6.49
Faggeta Lekoma	100	99.19	-	-	0.81
Oromia Zone	100	88.80	7.91	0.18	3.12
Chefegolana Dawerahimedo	100	88.39	8.70	0.71	2.21
Bati	100	91.27	6.46	-	2.27
Jile Tumuga	100	86.54	11.36	-	2.10
Artuma Fursi	100	88.99	5.11	-	5.90
Bahirdar Special Zone	100	89.32	9.02	-	1.66
Bahirdar	100	89.32	9.02	-	1.66

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
Amhara Region	100	23	40.91	0.06	36.02
North Gonder Zone	100	24.25	17.23	0.07	58.44
Addi Arkay	100	40.2	9.4	-	50.4
Beyeda	100	48.91	13.8	-	37.29
Janamora	100	35.85	14.09	0.06	50.01
Debark	100	15.37	14.86	-	69.77
Dabat	100	8.28	19.87	-	71.85
Sanja	100	56.89	27.97	0.5	14.65
Lay Armacheho	100	14.55	19.75	-	65.71
Wegera	100	11.62	31.9	0.09	56.39
Gonder Zuria	100	15.16	22.06	-	62.78
Dembia	100	21.96	21.47	-	56.57
Chilga	100	13.07	13.12	-	73.81
Metema	100	38.13	6.84	0.04	54.99
Quara	100	54.49	6.83	0.49	38.2
Alefa	100	19.06	10	0.13	70.81
Belesa	100	26.9	10.58	-	62.53
Gonder	100	52.25	11.94	-	35.81
South Gonder Zone	100	18.68	34.21	0.04	47.07
Ebenat	100	14.73	20.91	-	64.36
Kemekem	100	15.15	20.33	-	64.52
Fogera	100	14.07	16.37	-	69.56
Farta	100	14.58	68.54	-	16.87
Lay Gayint	100	24.01	47.57	0.11	28.31
Tach Gayint	100	23.58	39.51	0.27	36.64
Simada	100	22.53	22.49	0.21	54.76
Estie	100	26.35	41.51	-	32.14
Dera	100	13.37	24.51	-	62.12
Debre Tabor	100	71.26	20.42	0.04	8.27
North Wollo Zone	100	29.51	34.82	0.05	35.63
Bugna	100	22.78	26.13	-	51.08
Kobo	100	18.38	16.46	0.22	64.94
Gidan	100	40.98	22.94	-	36.08
Meket	100	34.81	57.06	0.02	8.11
Wadla	100	23.49	55.01	-	21.5
Dawuntna Delanta	100	34.57	25.28	0.01	40.14
Guba Lafto	100	28.7	40.69	0.06	30.55
Habru	100	33.65	35.32	0.02	31.01
Weldia	100	84.46	11.55	-	3.99
South Wollo Zone	100	20.05	66.4	0.06	13.49
Mekdela	100	13.75	80.66	0.03	5.56
Tenta	100	13.64	81.71	-	4.66
Kutaber	100	11.21	83.42	0.01	5.36
Ambasel	100	38.67	44.96	0.03	16.33
Tehuledere	100	13.22	64.68	-	22.11
Werebabu	100	23.78	53.96	0.08	22.18
Kalu	100	14.96	63	0.08	21.96
Dessie Zuria	100	15.64	72.67	0.08	11.61
Legambo	100	14.55	77.41	0.03	8
Sayint	100	31.24	39.84	0.11	28.81
Debresina	100	19.7	75.59	0.43	4.29
Kelala	100	24.29	63.05	0.01	12.65
Jama	100	24.45	56.77	-	18.78
Were Ilu	100	15.92	78.79	-	5.28
Wegde	100	37.48	46.43	-	16.08
Kombolcha	100	61.17	32.08	-	6.75
Dessie	100	63.23	30.05	0.61	6.1
North Shewa Zone	100	25.99	52.61	0.03	21.37
Middana Weremo	100	30.29	7.89	0.01	61.81

TABLE 7-31-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	28.84	14.36	0.04	56.75
Insarona Wayu	100	20.7	59.41	-	19.89
Moretna Jiru	100	40.29	29.88	-	29.83
Gera Keya	100	19.12	59.02	0.03	21.82
Geshe	100	22.18	51.63	-	26.19
Antsokiya Gemza	100	24	37.31	0.05	38.64
Efratana Gidim	100	36.04	33.83	0.08	30.05
Lalo Midir	100	12.52	76.53	0.03	10.93
Mojana Wedera	100	14.37	74.05	0.17	11.41
Tarmaber	100	18.94	65.04	0.03	15.99
Kewet	100	31.46	43.76	0.04	24.75
Asagirt	100	28.91	57.59	-	13.5
Angolelana Tera	100	9.63	84.13	-	6.24
Ankober	100	28.26	52.18	-	19.56
Hagere Mariam	100	28.2	61.5	-	10.3
Berehet	100	60.64	33.7	-	5.66
Minjarna Shenkora	100	56.92	40.33	-	2.75
Debre Berhane	100	73.94	22.03	0.02	4.01
Basona Werana	100	17.92	71.36	-	10.72
East Gojam Zone	100	28.68	65.16	0.16	6
Bibugn	100	41.75	57.03	-	1.22
Hulet Ej Enesie	100	44.74	37.25	0.74	17.27
Goncha Siso Enesie	100	39.74	45.09	-	15.16
Enebse Sar Midir	100	30.23	59.12	0.15	10.5
Enarj Enawga	100	22.7	76.25	0.21	0.83
Enemay	100	24.33	74.55	0.11	1.02
Debay Telatgen	100	29.8	66.51	-	3.69
Machakel	100	18.84	78.72	-	2.43
Gozamin	100	13.24	85.96	-	0.8
Baso Liben	100	18.29	77.95	-	3.76
Awabel	100	24.84	73.84	0.26	1.07
Dejen	100	33.3	62.26	0.02	4.42
Shebel Berenta	100	28.07	65.3	-	6.62
Debre Markos	100	72.22	25.38	-	2.4
West Gojam Zone	100	20.99	27.79	0.07	51.15
Achefer	100	16.61	10.09	0.04	73.26
Bahirdar Zuria	100	11.66	14.86	0.24	73.24
Yilmana Densa	100	30.77	29.78	-	39.45
Merawi	100	15.81	12.27	0.09	71.83
Sekela	100	11.37	62.5	-	26.12
Kuarit	100	22.15	46.81	0.12	30.92
Dega Damot	100	23.02	66.01	-	10.97
Dembecha	100	27.69	55.22	0.01	17.07
Jabi Tehnan	100	27.49	35.93	-	36.58
Bure Wemberma	100	33.14	27.45	0.01	39.4
Wag Hamra Zone	100	30.78	42.25	0.01	26.95
Zikuala	100	44.08	42.96	0.07	12.89
Sekota	100	28.08	37.48	-	34.44
Dehana	100	28.88	47.79	-	23.32
Awi Zone	100	14.55	28.32	0.08	57.06
Dangela	100	16.78	13.88	-	69.34
Banja	100	11.88	67.58	-	20.54
Ankasha	100	16.94	35.59	-	47.47
Guangua	100	12.39	15.38	0.15	72.08
Faggeta Lekoma	100	11.63	34.82	0.35	53.21
Oromia Zone	100	17.91	29.87	0.08	52.14
Chefegolana Dawerahimedo	100	17.12	28.74	0.02	54.12
Bati	100	25.19	31.79	0.07	42.95
Jile Tumuga	100	14.47	33.27	-	52.26
Artuma Fursi	100	13.12	27.92	0.28	58.68
Bahirdar Special Zone	100	44.96	5.89	0.12	49.02
Bahirdar	100	44.96	5.89	0.12	49.02

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	22.42	41.31	0.07	36.2
North Gonder Zone	100	23.77	17.29	0.1	58.84
Addi Arkay	100	39.98	9.43	-	50.59
Beyeda	100	48.87	13.75	-	37.37
Janamora	100	35.73	14.10	0.06	50.11
Debark	100	15.16	14.92	-	69.91
Dabat	100	8.05	19.88	-	72.07
Sanja	100	56.61	28.13	0.50	14.77
Lay Armacheho	100	14.35	19.81	-	65.84
Wegera	100	11.48	32.00	0.09	56.43
Gonder Zuria	100	14.80	22.20	-	63.01
Dembia	100	21.41	21.78	-	56.81
Chilga	100	12.71	13.26	-	74.03
Metema	100	35.47	7.00	-	57.53
Quara	100	54.48	6.84	0.49	38.19
Alefa	100	18.85	10.03	0.13	70.98
Belesa	100	26.73	10.52	-	62.75
South Gonder Zone	100	18.13	33.81	0.07	47.99
Ebenat	100	14.63	20.91	-	64.46
Kemekem	100	14.00	20.71	-	65.29
Fogera	100	13.32	16.65	-	70.03
Farta	100	14.36	68.70	-	16.94
Lay Gayint	100	22.77	48.35	0.11	28.76
Tach Gayint	100	23.26	39.65	0.27	36.82
Simada	100	22.21	22.58	0.22	54.99
Estie	100	25.83	41.89	-	32.28
Dera	100	12.76	24.86	-	62.38
North Wollo Zone	100	29.33	35.02	0.04	35.60
Bugna	100	22.40	26.21	-	51.39
Kobo	100	17.88	16.69	0.23	65.20
Gidan	100	40.63	22.97	-	36.41
Meket	100	34.51	57.39	0.02	8.08
Wadla	100	23.08	55.34	-	21.58
Dawuntna Delanta	100	34.30	25.38	0.01	40.31
Guba Lafto	100	28.70	40.69	0.06	30.55
Habru	100	33.17	35.52	0.02	31.28
South Wollo Zone	100	20.44	65.86	0.06	13.64
Mekdela	100	13.61	80.78	0.03	5.57
Tenta	100	13.02	82.27	-	4.71
Kutaber	100	10.61	83.98	-	5.40
Ambasel	100	38.54	45.12	0.03	16.31
Tehuledere	100	12.28	65.20	-	22.52
Werebabu	100	23.29	54.24	0.08	22.39
Kalu	100	14.74	63.43	0.08	21.75
Dessie Zuria	100	15.50	72.77	0.08	11.65
Legambo	100	14.09	77.82	0.03	8.06
Sayint	100	30.97	39.99	0.11	28.93
Debresina	100	19.43	75.87	0.43	4.27
Kelala	100	23.94	63.33	0.01	12.72
Jama	100	23.93	57.10	-	18.97
Were Ilu	100	15.25	79.49	-	5.26
Wegde	100	37.37	46.54	-	16.09
North Shewa Zone	100	27.31	50.57	0.03	22.10
Middana Weremo	100	29.64	7.79	-	62.57
Merhabete	100	28.28	14.20	0.04	57.48
Insarona Wayu	100	19.93	59.89	-	20.18
Moretna Jiru	100	39.61	29.97	-	30.42
Gera Keya	100	18.71	59.29	0.03	21.97

TABLE 7-31-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Geshe	100	21.86	51.84	-	26.30
Antsokiya Gemza	100	22.85	38.36	0.04	38.75
Efratana Gidim	100	36.04	34.05	0.09	29.82
Lalo Midir	100	11.93	77.05	0.03	10.99
Mojana Wedera	100	13.88	74.42	0.18	11.52
Tarmaber	100	17.79	65.86	0.03	16.32
Kewet	100	30.56	44.93	0.04	24.47
Asagirt	100	28.41	58.09	-	13.51
Angolelana Tera	100	9.27	84.41	-	6.32
Ankober	100	27.41	52.96	-	19.63
Hagere Mariam	100	27.86	61.78	-	10.36
Berehet	100	60.43	33.84	-	5.73
Minjarna Shenkora	100	56.53	40.71	-	2.77
Basona Werana	100	17.92	71.36	-	10.72
East Gojam Zone	100	27.91	66.65	0.11	5.33
Bibugn	100	41.70	57.10	-	1.20
Hulet Ej Enesie	100	43.99	37.82	0.76	17.43
Goncha Siso Enesie	100	39.38	45.32	-	15.30
Enebse Sar Midir	100	29.68	59.57	0.15	10.60
Enarj Enawga	100	22.10	76.87	0.21	0.82
Enemay	100	22.82	76.10	0.11	0.97
Debay Telatgen	100	29.43	66.85	-	3.72
Machakel	100	18.43	79.17	-	2.40
Gozamin	100	13.10	86.09	-	0.81
Baso Liben	100	17.34	78.82	-	3.84
Awabel	100	24.45	74.22	0.26	1.07
Dejen	100	32.72	62.87	-	4.41
Shebel Berenta	100	27.66	65.66	-	6.68
West Gojam Zone	100	21.47	36.36	0.05	42.13
Achefer	100	16.19	10.19	0.04	73.58
Bahirdar Zuria	100	11.07	14.99	0.24	73.70
Yilmana Densa	100	30.37	30.05	-	39.58
Merawi	100	15.32	12.44	0.09	72.15
Sekela	100	11.11	62.63	-	26.26
Kuarit	100	22.03	46.99	0.12	30.86
Dega Damot	100	22.95	66.08	-	10.98
Dembecha	100	26.66	55.91	0.01	17.42
Jabi Tehnan	100	26.35	36.65	-	37.00
Bure Wemberma	100	32.60	27.62	-	39.79
Wag Hamra Zone	100	33.61	42.72	0.02	23.65
Zikuala	100	44.12	42.88	0.07	12.93
Sekota	100	27.85	37.58	-	34.57
Dehana	100	28.86	47.71	-	23.44
Awi Zone	100	13.08	33.81	0.10	53.01
Dangela	100	15.92	14.04	-	70.04
Banja	100	10.70	68.29	-	21.01
Ankasha	100	16.22	35.94	-	47.84
Guangua	100	11.64	15.74	0.15	72.46
Faggeta Lekoma	100	10.92	35.05	0.35	53.68
Oromia Zone	100	17.05	30.47	0.09	52.39
Chefegolana Dawerahimedo	100	16.65	28.78	0.02	54.56
Bati	100	24.69	31.94	0.07	43.30
Jile Tumuga	100	14.09	33.47	-	52.44
Artuma Fursi	100	12.78	27.70	0.27	59.24

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	52.25	18.69	0.06	29.01
North Gonder Zone	100	50.35	9.3	0.1	40.25
Addi Arkay	100	64.78	5.15	-	30.07
Beyeda	100	64.41	33.41	-	2.18
Janamora	100	74.50	8.95	-	16.55
Debark	100	39.01	7.54	-	53.45
Dabat	100	39.49	17.91	-	42.61
Sanja	100	91.79	8.21	-	-
Lay Armacheho	100	49.91	8.06	0.32	41.72
Wegera	100	36.11	15.03	-	48.86
Gonder Zuria	100	40.16	12.89	-	46.95
Dembia	100	47.46	6.97	-	45.57
Chilga	100	41.31	2.27	-	56.41
Metema	100	61.45	5.47	0.41	32.68
Quara	100	56.82	-	-	43.18
Alefa	100	36.90	7.00	0.39	55.71
Belesa	100	48.60	17.60	-	33.80
Gonder	100	52.25	11.94	-	35.81
South Gonder Zone	100	53.29	18.18	0.04	28.49
Ebenat	100	44.66	21.61	-	33.73
Kemekem	100	44.54	10.58	0.10	44.78
Fogera	100	34.28	8.84	-	56.88
Farta	100	63.19	34.68	0.06	2.07
Lay Gayint	100	65.45	21.42	-	13.13
Tach Gayint	100	56.30	25.43	0.16	18.11
Simada	100	52.93	13.76	-	33.31
Estie	100	65.97	12.50	-	21.53
Dera	100	34.36	12.59	-	53.05
Debre Tabor	100	71.26	20.42	0.04	8.27
North Wollo Zone	100	63.01	17.20	-	19.79
Bugna	100	55.30	19.92	-	24.78
Kobo	100	31.24	10.46	-	58.29
Gidan	100	63.11	21.24	-	15.65
Meket	100	69.32	19.06	-	11.63
Wadla	100	66.53	20.83	-	12.64
Dawuntna Delanta	100	78.17	8.75	-	13.07
Habru	100	55.93	25.80	-	18.27
Weldia	100	84.46	11.55	-	3.99
South Wollo Zone	100	60.06	32.06	0.09	7.79
Mekdela	100	87.29	12.71	-	-
Tenta	100	52.76	46.18	-	1.06
Kutaber	100	61.80	35.18	0.86	2.16
Ambasel	100	54.16	26.27	-	19.57
Tehuledere	100	45.13	46.75	-	8.12
Werebabu	100	62.74	31.62	-	5.64
Kalu	100	32.64	28.24	-	39.12
Dessie Zuria	100	46.13	50.98	-	2.89
Legambo	100	58.98	38.58	-	2.44
Sayint	100	94.58	5.42	-	-
Debresina	100	59.92	32.57	-	7.51
Kelala	100	61.45	32.89	-	5.66
Jama	100	65.17	30.63	-	4.20
Were Ilu	100	56.63	36.88	-	6.50
Wegde	100	57.20	28.07	-	14.72
Kombolcha	100	61.17	32.08	-	6.75
Dessie	100	63.23	30.05	0.61	6.10
North Shewa Zone	100	58.68	27.59	0.03	13.70
Middana Weremo	100	50.20	11.06	0.19	38.55
Merhabete	100	45.24	19.05	-	35.71

TABLE 7-31-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR: Household Consumption	Sale	Wages in Kind	Other
Insarona Wayu	100	73.33	26.32	-	0.35
Moretna Jiru	100	65.80	26.48	-	7.71
Gera Keya	100	56.95	34.28	-	8.77
Geshe	100	70.14	19.09	-	10.77
Antsokiya Gemza	100	44.22	18.84	0.25	36.69
Efratana Gidim	100	36.09	28.62	-	35.29
Lalo Midir	100	56.88	37.13	-	5.99
Mojana Wedera	100	60.32	39.12	-	0.56
Tarmaber	100	51.04	42.16	-	6.79
Kewet	100	55.36	12.46	-	32.18
Asagirt	100	67.51	19.75	-	12.74
Angolelana Tera	100	34.21	65.44	-	0.35
Ankober	100	59.64	23.20	0.03	17.13
Hagere Mariam	100	59.38	35.80	-	4.82
Berehet	100	77.73	22.27	-	-
Minjarna Shenkora	100	76.86	21.19	-	1.95
Debre Berhane	100	73.94	22.03	0.02	4.01
East Gojam Zone	100	65.29	31.59	0.12	3.00
Bibugn	100	57.42	36.11	-	6.47
Hulet Ej Enesie	100	72.14	16.50	-	11.36
Goncha Siso Enesie	100	76.61	22.13	-	1.26
Enebse Sar Midir	100	65.20	30.84	-	3.96
Enarj Enawga	100	57.57	40.59	0.53	1.31
Enemay	100	66.40	31.05	-	2.55
Debay Telatgen	100	81.71	18.29	-	-
Machakel	100	57.92	36.31	0.05	5.71
Gozamin	100	55.76	43.74	-	0.50
Baso Liben	100	63.12	36.76	-	0.12
Awabel	100	57.51	41.69	-	0.80
Dejen	100	61.85	32.38	1.03	4.74
Shebel Berenta	100	68.69	30.55	-	0.77
Debre Markos	100	72.22	25.38	-	2.40
West Gojam Zone	100	56.60	14.91	0.03	28.46
Achefer	100	35.61	5.78	-	58.61
Bahirdar Zuria	100	50.38	6.49	-	43.13
Yilmana Densa	100	62.91	8.30	-	28.79
Merawi	100	44.75	2.34	-	52.92
Sekela	100	62.07	37.93	-	-
Kuarit	100	47.98	9.15	-	42.87
Dega Damot	100	87.13	8.76	-	4.11
Dembecha	100	62.22	32.12	-	5.66
Jabi Tehnan	100	55.96	17.96	-	26.09
Bure Wemberma	100	57.03	20.31	0.26	22.39
Wag Hamra Zone	100	47.41	46.37	-	6.22
Zikuala	100	31.26	68.74	-	-
Sekota	100	79.44	14.37	-	6.19
Dehana	100	31.53	55.99	-	12.48
Awi Zone	100	48.27	18.79	-	32.94
Dangela	100	45.38	8.66	-	45.95
Banja	100	61.31	37.83	-	0.86
Ankasha	100	50.25	19.61	-	30.14
Guangua	100	29.67	7.09	-	63.25
Faggeta Lekoma	100	54.76	20.74	-	24.50
Oromia Zone	100	48.32	24.26	0.15	27.26
Chefegolana Dawerahimedo	100	55.28	25.92	-	18.80
Bati	100	68.07	19.44	0.04	12.45
Jile Tumuga	100	45.80	16.79	-	37.41
Artuma Fursi	100	24.14	34.90	0.57	40.38
Bahirdar Special Zone	100	44.96	5.89	0.12	49.02
Bahirdar	100	44.96	5.89	0.12	49.02

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
Amhara Region	100	36.59	60.43	0.27	2.71
North Gonder Zone	100	42.95	53.19	0.38	3.49
Addi Arkay	100	43.32	53.94	-	2.74
Beyeda	100	43.78	56.22	-	-
Janamora	100	73.75	23.85	0.1	2.31
Debark	100	36.42	61.33	1.02	1.23
Dabat	100	50.25	47.25	0.09	2.4
Sanja	100	52.75	43.34	0.86	3.05
Lay Armacheho	100	43.65	51.67	-	4.68
Wegera	100	64.8	30.74	0.84	3.62
Gonder Zuria	100	43.21	50.37	0.82	5.61
Dembia	100	26.15	69.64	-	4.21
Chilga	100	30.66	65.57	0.66	3.1
Metema	100	50.53	46.75	0.08	2.64
Quara	100	36.21	59.16	0.63	4
Alefa	100	23.53	72.59	-	3.88
Belesa	100	60.27	35.53	0.77	3.43
Gonder	100	77.77	20.49	0.08	1.66
South Gonder Zone	100	34.92	61.78	0.39	2.91
Ebenat	100	33.84	61.93	2.11	2.12
Kemekem	100	31.18	65.78	-	3.03
Fogera	100	21.58	75.16	-	3.25
Farta	100	24.22	74.55	-	1.23
Lay Gayint	100	63.57	36.15	-	0.28
Tach Gayint	100	52.36	42.74	0.98	3.92
Simada	100	48.76	46.41	0.21	4.63
Estie	100	33.01	64.75	-	2.24
Dera	100	23.74	68.66	0.41	7.19
Debre Tabor	100	69.73	29.49	-	0.77
North Wollo Zone	100	44.6	53.38	0.16	1.86
Bugna	100	36.43	60.11	-	3.45
Kobo	100	44.12	54	-	1.88
Gidan	100	68.48	30.18	-	1.33
Meket	100	37.42	61.49	0.54	0.54
Wadla	100	47.33	51.74	-	0.92
Dawuntna Delanta	100	48.04	49.54	-	2.42
Guba Lafto	100	53.43	46.18	-	0.39
Habru	100	39.04	58.25	0.79	1.92
Weldia	100	91.86	-	-	8.14
South Wollo Zone	100	42.78	53.29	0.07	3.85
Mekdela	100	38.14	58.56	0.37	2.93
Tenta	100	34.4	59.86	-	5.74
Kutaber	100	43.22	54.88	-	1.9
Ambasel	100	40.75	56.5	-	2.76
Tehuledere	100	42.85	54.19	-	2.97
Werebabu	100	39.42	54.45	0.07	6.06
Kalu	100	53.98	39.44	-	6.58
Dessie Zuria	100	48.76	46.12	-	5.12
Legambo	100	66.27	31.71	-	2.02
Sayint	100	47.75	44.51	-	7.74
Debresina	100	29	70.68	-	0.32
Kelala	100	37.05	60.54	0.06	2.35
Jama	100	36.08	60.06	-	3.87
Were Ilu	100	48.2	48.92	-	2.88
Wegde	100	46.23	50.78	0.57	2.41
Kombolcha	100	68.96	31.04	-	-
Dessie	100	87.7	5.21	-	7.09
North Shewa Zone	100	53.07	43.96	0.1	2.87
Middana Weremo	100	37.17	61.52	0.32	0.98

TABLE 7-32-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	57.04	38.68	-	4.28
Insarona Wayu	100	75	20.56	-	4.44
Moretna Jiru	100	58.96	36.7	-	4.34
Gera Keya	100	44.29	52.92	-	2.79
Geshe	100	34.65	63.93	-	1.42
Antsokiya Gemza	100	38.21	57.93	-	3.86
Efratana Gidim	100	39.93	57.91	0.98	1.17
Lalo Midir	100	57.91	39.23	-	2.87
Mojana Wedera	100	58.45	40.21	-	1.34
Tarmaber	100	45.64	46.6	-	7.76
Kewet	100	34.2	61.15	-	4.66
Asagirt	100	75.44	20.87	-	3.69
Angolelana Tera	100	72.82	24.91	-	2.28
Ankober	100	52.45	46.26	-	1.29
Hagere Mariam	100	74.04	24.57	1.12	0.28
Berehet	100	36.15	63.44	-	0.41
Minjarna Shenkora	100	73.66	26.34	-	-
Debre Berhane	100	71.24	6.33	-	22.43
Basona Werana	100	69.3	27.96	-	2.73
East Gojam Zone	100	32.43	65.31	0.2	2.06
Bibugn	100	30.95	66.29	-	2.76
Hulet Ej Enesie	100	41.54	54.26	0.01	4.2
Goncha Siso Enesie	100	42.81	54.89	-	2.3
Enebse Sar Midir	100	41.07	57.39	1.1	0.44
Enarj Enawga	100	33.83	62.78	0.11	3.27
Enemay	100	32.45	64.31	-	3.24
Debay Telatgen	100	37.1	61.9	-	1
Machakel	100	17.66	80.6	-	1.74
Gozamin	100	33.71	65.64	-	0.66
Baso Liben	100	27.02	70.09	1.26	1.63
Awabel	100	21.66	76.71	0.47	1.16
Dejen	100	29.11	68.04	0.25	2.61
Shebel Berenta	100	37.3	61.34	-	1.36
Debre Markos	100	47.63	47.95	-	4.42
West Gojam Zone	100	20.4	77.01	0.5	2.08
Achefer	100	18.87	74.83	0.8	5.5
Bahirdar Zuria	100	19.48	79.17	-	1.35
Yilmana Densa	100	31.6	63.2	3.11	2.1
Merawi	100	17.63	81.35	-	1.02
Sekela	100	24.02	75.51	-	0.48
Kuarit	100	25.5	73.86	-	0.64
Dega Damot	100	22.92	76.94	-	0.14
Dembecha	100	13.82	84.42	0.64	1.13
Jabi Tehnan	100	16.1	80.39	-	3.51
Bure Wemberma	100	20.65	76.66	0.53	2.16
Wag Hamra Zone	100	28.77	68.89	-	2.34
Zikuala	100	27.38	69.8	-	2.82
Sekota	100	28.99	68.95	-	2.06
Dehana	100	29.4	68.14	-	2.46
Awi Zone	100	20.54	77.88	0.41	1.17
Dangela	100	20.49	78.41	0.27	0.83
Banja	100	10.98	86.14	1.9	0.99
Ankasha	100	24.75	73.05	0.68	1.52
Guangua	100	19.35	79.02	-	1.63
Faggeta Lekoma	100	23.47	76.53	-	-
Oromia Zone	100	40.81	56.82	-	2.37
Chefegolana Dawerahimedo	100	44.19	53.65	-	2.16
Bati	100	41.56	55.55	-	2.89
Jile Tumuga	100	31.41	68.44	-	0.15
Artuma Fursi	100	34.74	61.81	-	3.45
Bahirdar Special Zone	100	63.63	31.99	-	4.37
Bahirdar	100	63.63	31.99	-	4.37

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	36.5	60.52	0.27	2.71
North Gonder Zone	100	42.84	53.3	0.38	3.48
Addi Arkay	100	43.18	54.07	-	2.75
Beyeda	100	43.78	56.22	-	-
Janamora	100	73.75	23.85	0.10	2.31
Debark	100	36.21	61.53	1.02	1.24
Dabat	100	50.14	47.35	0.09	2.42
Sanja	100	52.38	43.66	0.87	3.09
Lay Armacheho	100	43.67	51.65	-	4.68
Wegera	100	64.77	30.75	0.84	3.64
Gonder Zuria	100	43.08	50.53	0.82	5.57
Dembia	100	25.96	69.83	-	4.21
Chilga	100	30.59	65.64	0.67	3.11
Metema	100	50.55	46.80	-	2.65
Quara	100	36.21	59.16	0.63	4.00
Alefa	100	23.40	72.72	-	3.88
Belesa	100	60.23	35.56	0.77	3.43
South Gonder Zone	100	36.77	59.73	0.41	3.10
Ebenat	100	33.80	61.97	2.11	2.12
Kemekem	100	30.75	66.23	-	3.02
Fogera	100	21.26	75.46	-	3.28
Farta	100	24.14	74.64	-	1.23
Lay Gayint	100	63.38	36.37	-	0.25
Tach Gayint	100	52.36	42.74	0.98	3.92
Simada	100	48.68	46.46	0.21	4.65
Estie	100	32.91	64.95	-	2.14
Dera	100	23.63	68.71	0.40	7.26
North Wollo Zone	100	46.74	51.48	0.17	1.61
Bugna	100	36.39	60.16	-	3.46
Kobo	100	43.88	54.23	-	1.89
Gidan	100	68.62	30.05	-	1.33
Meket	100	37.40	61.51	0.54	0.54
Wadla	100	47.23	51.84	-	0.93
Dawuntna Delanta	100	48.04	49.54	-	2.42
Guba Lafto	100	53.43	46.18	-	0.39
Habru	100	38.94	58.34	0.79	1.93
South Wollo Zone	100	43.43	52.79	0.07	3.71
Mekdela	100	38.14	58.56	0.37	2.93
Tenta	100	34.18	60.10	-	5.72
Kutaber	100	43.22	54.88	-	1.90
Ambasel	100	40.79	56.45	-	2.76
Tehuledere	100	42.63	54.37	-	3.00
Werebabu	100	39.34	54.52	0.07	6.07
Kalu	100	53.93	39.52	-	6.56
Dessie Zuria	100	48.72	46.15	-	5.14
Legambo	100	66.46	31.57	-	1.98
Sayint	100	47.69	44.56	-	7.75
Debresina	100	28.98	70.70	-	0.32
Kelala	100	37.00	60.62	0.06	2.32
Jama	100	36.09	60.02	-	3.89
Were Ilu	100	48.09	49.00	-	2.90
Wegde	100	46.16	50.86	0.57	2.41
North Shewa Zone	100	54.49	42.73	0.13	2.65
Middana Weremo	100	37.31	61.47	0.33	0.89
Merhabete	100	56.92	38.79	-	4.29
Insarona Wayu	100	75.22	20.73	-	4.05
Moretna Jiru	100	58.94	36.70	-	4.36
Gera Keya	100	44.14	53.06	-	2.80
Geshe	100	34.63	63.95	-	1.42

TABLE 7-32-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	38.32	57.75	-	3.93
Efratana Gidim	100	39.55	58.32	1.00	1.13
Lalo Midir	100	57.87	39.24	-	2.88
Mojana Wedera	100	58.17	40.48	-	1.35
Tarmaber	100	45.56	46.60	-	7.83
Kewet	100	34.37	60.97	-	4.66
Asagirt	100	75.50	20.80	-	3.70
Angolelana Tera	100	73.26	24.46	-	2.28
Ankober	100	52.41	46.30	-	1.29
Hagere Mariam	100	74.03	24.57	1.12	0.28
Berehet	100	36.00	63.59	-	0.41
Minjarna Shenkora	100	73.81	26.19	-	-
Basona Werana	100	69.30	27.96	-	2.73
East Gojam Zone	100	32.70	65.04	0.25	2.02
Bibugn	100	30.96	66.28	-	2.76
Hulet Ej Enesie	100	41.40	54.37	-	4.23
Goncha Siso Enesie	100	42.66	55.03	-	2.31
Enebse Sar Midir	100	41.05	57.40	1.10	0.44
Enarj Enawga	100	33.71	62.90	0.11	3.27
Enemay	100	32.42	64.37	-	3.21
Debay Telatgen	100	37.01	61.99	-	1.00
Machakel	100	17.30	80.97	-	1.74
Gozamin	100	33.58	65.76	-	0.66
Baso Liben	100	27.02	70.14	1.26	1.58
Awabel	100	21.65	76.76	0.47	1.12
Dejen	100	29.11	68.06	0.25	2.58
Shebel Berenta	100	37.19	61.44	-	1.36
West Gojam Zone	100	21.01	76.68	0.51	1.80
Achefer	100	18.89	74.80	0.80	5.50
Bahirdar Zuria	100	19.25	79.39	-	1.36
Yilmana Densa	100	31.65	63.14	3.11	2.10
Merawi	100	17.57	81.42	-	1.01
Sekela	100	24.02	75.51	-	0.48
Kuarit	100	25.48	73.87	-	0.64
Dega Damot	100	22.92	76.94	-	0.14
Dembecha	100	13.72	84.51	0.65	1.12
Jabi Tehnan	100	16.02	80.44	-	3.54
Bure Wemberma	100	20.54	76.78	0.54	2.14
Wag Hamra Zone	100	28.58	68.96	-	2.46
Zikuala	100	27.40	69.76	-	2.84
Sekota	100	28.91	69.02	-	2.07
Dehana	100	29.43	68.10	-	2.48
Awi Zone	100	19.67	78.76	0.57	0.99
Dangela	100	20.34	78.59	0.27	0.80
Banja	100	11.00	86.09	1.91	0.99
Ankasha	100	24.54	73.26	0.68	1.53
Guangua	100	19.13	79.21	-	1.65
Faggeta Lekoma	100	23.34	76.66	-	-
Oromia Zone	100	37.76	60.11	-	2.13
Chefegolana Dawerahimedo	100	44.13	53.71	-	2.16
Bati	100	41.51	55.63	-	2.85
Jile Tumuga	100	31.45	68.55	-	-
Artuma Fursi	100	33.96	62.54	-	3.50

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	55.2	41.39	0.06	3.36
North Gonder Zone	100	66.7	30.38	0.15	2.77
Addi Arkay	100	68.96	29.90	-	1.14
Beyeda	-	-	-	-	-
Janamora	-	-	-	-	-
Debark	100	76.47	23.53	-	-
Dabat	100	71.92	28.08	-	-
Sanja	100	78.12	21.88	-	-
Lay Armacheho	100	10.20	89.80	-	-
Wegera	100	69.86	30.14	-	-
Gonder Zuria	100	59.33	29.76	-	10.91
Dembia	100	41.71	53.67	-	4.62
Chilga	100	59.73	40.27	-	-
Metema	100	44.92	29.95	25.13	-
Quara	-	-	-	-	-
Alefa	100	50.04	46.59	-	3.37
Belesa	100	100	-	-	-
Gonder	100	77.77	20.49	0.08	1.66
South Gonder Zone	100	68.87	26.01	0.11	5.01
Ebenat	100	91.67	-	-	8.33
Kemekem	100	73.91	21.20	-	4.90
Fogera	100	47.24	51.65	-	1.12
Farta	100	100	-	-	-
Lay Gayint	100	81.97	15.00	-	3.03
Tach Gayint	-	-	-	-	-
Simada	100	63.36	35.92	-	0.72
Estie	100	57.24	17.02	-	25.74
Dera	100	34.71	63.82	0.99	0.48
Debre Tabor	100	69.73	29.49	-	0.77
North Wollo Zone	100	70.57	28.02	-	1.41
Bugna	100	66.34	33.66	-	-
Kobo	100	76.31	23.69	-	-
Gidan	100	53.92	44.35	-	1.73
Meket	100	43.72	56.28	-	-
Wadla	100	100	-	-	-
Dawuntna Delanta	-	-	-	-	-
Habru	100	61.85	38.15	-	-
Weldia	100	91.86	-	-	8.14
South Wollo Zone	100	64.06	33.02	-	2.92
Mekdela	-	-	-	-	-
Tenta	100	89.45	-	-	10.55
Kutaber	-	-	-	-	-
Ambasel	100	14.99	85.01	-	-
Tehuledere	100	63.91	36.09	-	-
Werebabu	100	71.94	28.06	-	-
Kalu	100	61.35	29.19	-	9.46
Dessie Zuria	100	67.06	32.94	-	-
Legambo	100	50.12	44.36	-	5.52
Sayint	100	100	-	-	-
Debresina	100	35.32	64.68	-	-
Kelala	100	55.61	33.27	-	11.12
Jama	100	33.22	66.78	-	-
Were Ilu	100	61.26	38.74	-	-
Wegde	100	100	-	-	-
Kombolcha	100	68.96	31.04	-	-
Dessie	100	87.70	5.21	-	7.09
North Shewa Zone	100	58.11	38.12	-	3.77
Middana Weremo	100	15.04	69.69	-	15.27

TABLE 7-32-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	67.01	29.58	-	3.41
Insarona Wayu	100	67.48	14.81	-	17.71
Moretna Jiru	100	62.50	37.50	-	-
Gera Keya	100	85.00	15.00	-	-
Geshe	100	41.28	58.72	-	-
Antsokiya Gemza	100	34.66	64.03	-	1.31
Efratana Gidim	100	58.91	37.71	-	3.37
Lalo Midir	100	63.71	36.29	-	-
Mojana Wedera	100	100	-	-	-
Tarmaber	100	51.45	46.30	-	2.24
Kewet	100	24.94	70.68	-	4.38
Asagirt	100	50	50	-	-
Angolelana Tera	100	9.46	89.00	-	1.54
Ankober	100	60.34	39.66	-	-
Hagere Mariam	100	74.89	25.11	-	-
Berehet	100	100	-	-	-
Minjarna Shenkora	100	66.14	33.86	-	-
Debre Berhane	100	71.24	6.33	-	22.43
East Gojam Zone	100	52.30	39.68	0.07	7.95
Bibugn	100	15.00	85.00	-	-
Hulet Ej Enesie	100	63.63	35.35	1.02	-
Goncha Siso Enesie	100	83.27	16.73	-	-
Enebse Sar Midir	100	51.50	48.50	-	-
Enarj Enawga	100	46.99	49.60	-	3.41
Enemay	100	65.00	-	-	35.00
Debay Telatgen	100	56.06	43.94	-	-
Machakel	100	61.17	36.52	-	2.31
Gozamin	100	65.48	34.52	-	-
Baso Liben	100	25.00	50	-	25.00
Awabel	100	26.20	57.83	-	15.97
Dejen	100	25.23	49.55	-	25.23
Shebel Berenta	100	100	-	-	-
Debre Markos	100	47.63	47.95	-	4.42
West Gojam Zone	100	30.54	66.86	-	2.61
Achefer	100	15.46	78.08	-	6.46
Bahirdar Zuria	100	51.99	48.01	-	-
Yilmana Densa	100	15.38	84.62	-	-
Merawi	100	51.62	39.34	-	9.05
Sekela	-	-	-	-	-
Kuarit	100	36.55	63.45	-	-
Dega Damot	-	-	-	-	-
Dembecha	100	21.34	77.28	-	1.38
Jabi Tehnan	100	22.60	76.50	-	0.90
Bure Wemberma	100	29.34	67.56	-	3.10
Wag Hamra Zone	100	33.35	66.65	-	-
Zikuala	100	24.89	75.11	-	-
Sekota	100	50.80	49.20	-	-
Dehana	100	24.37	75.63	-	-
Awi Zone	100	47.10	51.87	-	1.04
Dangela	100	42.14	52.84	-	5.02
Banja	100	8.10	91.90	-	-
Ankasha	100	100	-	-	-
Guangua	100	36.32	63.51	-	0.17
Faggeta Lekoma	100	48.92	51.08	-	-
Oromia Zone	100	72.76	14.43	-	12.82
Chefegolana Dawerahimedo	100	100	-	-	-
Bati	100	73.81	-	-	26.19
Jile Tumuga	100	25.08	49.85	-	25.08
Artuma Fursi	100	92.14	7.86	-	-
Bahirdar Special Zone	100	63.63	31.99	-	4.37
Bahirdar	100	63.63	31.99	-	4.37

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
Amhara Region	100	21.55	33.26	0.17	45.02
North Gonder Zone	100	13.45	25.19	0.48	60.89
Addi Arkay	100	25.47	14.74	-	59.79
Beyeda	100	5.64	30.84	2.96	60.56
Janamora	100	36.69	10.71	-	52.6
Debark	100	12.99	73.37	0.83	12.82
Dabat	100	8.66	16.99	-	74.35
Sanja	100	17.09	45.65	-	37.26
Lay Armacheho	100	8.84	70.56	-	20.61
Wegera	100	31.99	-	-	68.01
Gonder Zuria	100	42.59	-	-	57.41
Dembia	100	11.65	51	0.12	37.23
Chilga	100	3.66	58.52	-	37.82
Metema	100	-	9.33	-	90.67
Quara	100	25.2	56.34	-	18.46
Alefa	100	5.47	25.02	1.64	67.87
Belesa	100	4.43	4.62	-	90.95
Gonder	100	43.4	-	-	56.6
South Gonder Zone	100	20.11	50.46	-	29.43
Ebenat	100	31.26	35.04	-	33.7
Kemekem	100	19.81	5.76	-	74.43
Fogera	-	-	-	-	-
Farta	100	9.82	75.28	-	14.9
Lay Gayint	100	25.99	11.03	-	62.98
Tach Gayint	100	26.65	39.75	-	33.6
Simada	100	1.57	73.01	-	25.42
Estie	100	26.87	62	-	11.13
Dera	100	30.09	46.61	-	23.3
Debre Tabor	100	100	-	-	-
North Wollo Zone	100	28.56	23.89	-	47.55
Bugna	100	15.08	10.46	-	74.46
Kobo	100	18.48	27.13	-	54.4
Gidan	100	7.98	38.85	-	53.17
Meket	100	42.75	28.38	-	28.86
Wadla	100	53.42	19.54	-	27.04
Dawuntna Delanta	100	46.04	39.79	-	14.17
Guba Lafto	100	38.63	16.93	-	44.43
Habru	100	59.94	40.06	-	-
Weldia	-	-	-	-	-
South Wollo Zone	100	28.35	37.93	-	33.72
Mekdela	100	13.15	59.2	-	27.65
Tenta	-	-	-	-	-
Kutaber	-	-	-	-	-
Ambasel	100	55.18	21.07	-	23.75
Tehuledere	100	100	-	-	-
Werebabu	100	-	-	-	100
Kalu	100	-	10	-	90
Dessie Zuria	100	8.68	56.6	-	34.72
Legambo	100	-	100	-	-
Sayint	100	26.87	45.94	-	27.2
Debresina	100	-	100	-	-
Kelala	100	-	-	-	100
Jama	100	-	-	-	100
Were Ilu	100	-	-	-	100
Wegde	100	35.89	17.6	-	46.5
Kombolcha	-	-	-	-	-
Dessie	100	-	-	-	100
North Shewa Zone	100	32.05	14.06	-	53.9
Middana Weremo	100	14.08	34.66	-	51.27

TABLE 7-33-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	75.51	-	-	24.49
Insarona Wayu	100	58.64	-	-	41.36
Moretna Jiru	100	49.38	-	-	50.62
Gera Keya	100	29.73	10.28	-	59.99
Geshe	100	1.05	-	-	98.95
Antsokiya Gemza	100	40.22	59.78	-	-
Efratana Gidim	100	25	75	-	-
Lalo Midir	100	10.32	10.32	-	79.35
Mojana Wedera	100	54.03	9.63	-	36.34
Tarmaber	100	24.12	0.79	-	75.09
Kewet	100	87.53	1.46	-	11.01
Asagirt	100	41.57	-	-	58.43
Angolelana Tera	100	63.12	36.88	-	-
Ankober	100	35.16	27.59	-	37.25
Hagere Mariam	100	74.58	-	-	25.42
Berehet	-	-	-	-	-
Minjarna Shenkora	100	29.04	36.34	-	34.62
Debre Berhane	100	45.19	54.81	-	-
Basona Werana	100	-	-	-	100
East Gojam Zone	100	38.95	34.52	-	26.53
Bibugn	100	24.5	66.23	-	9.27
Hulet Ej Enesie	100	49.73	46.27	-	4
Goncha Siso Enesie	100	46.55	-	-	53.45
Enebse Sar Midir	100	-	19.7	-	80.3
Enarj Enawga	100	35.93	-	-	64.07
Enemay	100	61.16	33.84	-	5
Debay Telatgen	100	67.84	31.76	-	0.4
Machakel	100	39.66	36.57	-	23.77
Gozamin	100	25.68	47.83	-	26.49
Baso Liben	100	49.38	7.9	-	42.71
Awabel	-	-	-	-	-
Dejen	100	45.99	13.24	-	40.78
Shebel Berenta	100	100	-	-	-
Debre Markos	100	62.47	-	-	37.53
West Gojam Zone	100	21.45	49.55	-	29
Achefer	100	26.61	-	-	73.39
Bahirdar Zuria	100	2.29	95.42	-	2.29
Yilmana Densa	100	34.34	43.78	-	21.89
Merawi	100	35.82	34.28	-	29.89
Sekela	100	21.82	50.43	-	27.75
Kuarit	100	11.37	68.86	-	19.77
Dega Damot	100	45.65	-	-	54.35
Dembecha	100	0.3	89.06	-	10.64
Jabi Tehnan	100	3.34	66.99	-	29.67
Bure Wemberma	100	29.98	55.08	-	14.94
Wag Hamra Zone	100	22.15	26.29	-	51.56
Zikuala	100	12.9	28.75	-	58.35
Sekota	100	30.28	21.1	-	48.62
Dehana	100	19.42	37.83	-	42.75
Awi Zone	100	14.28	60.21	0.23	25.27
Dangela	100	6.14	10.7	0.99	82.16
Banja	100	8.47	91.32	-	0.21
Ankasha	100	15.2	82.57	-	2.23
Guangua	100	26.43	71.28	-	2.29
Faggeta Lekoma	100	0.99	13.25	-	85.76
Oromia Zone	100	10.46	14.78	-	74.76
Chefegolana Dawerahimedo	100	-	-	-	100
Bati	100	-	-	-	100
Jile Tumuga	100	37.81	53.45	-	8.75
Artuma Fursi	100	-	-	-	100
Bahirdar Special Zone	100	-	100	-	-
Bahirdar	100	-	100	-	-

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	21.47	33.28	0.17	45.09
North Gonder Zone	100	13.23	25.34	0.47	60.95
Addi Arkay	100	25.45	14.69	-	59.86
Beyeda	100	5.64	30.84	2.96	60.56
Janamora	100	36.67	10.67	-	52.66
Debark	100	12.71	73.80	0.83	12.65
Dabat	100	8.66	16.99	-	74.35
Sanja	100	16.52	44.99	-	38.49
Lay Armacheho	100	8.84	70.56	-	20.61
Wegera	100	31.76	-	-	68.24
Gonder Zuria	100	42.55	-	-	57.45
Dembia	100	11.56	51.13	-	37.31
Chilga	100	3.67	58.52	-	37.81
Metema	100	-	9.57	-	90.43
Quara	100	25.20	56.34	-	18.46
Alefa	100	5.39	25.07	1.64	67.90
Belesa	100	4.30	4.63	-	91.07
South Gonder Zone	100	21.35	43.59	-	35.06
Ebenat	100	31.32	34.97	-	33.71
Kemekem	100	19.81	5.76	-	74.43
Fogera	-	-	-	-	-
Farta	100	9.86	75.19	-	14.95
Lay Gayint	100	24.78	11.21	-	64.01
Tach Gayint	100	26.65	39.75	-	33.60
Simada	100	1.57	73.01	-	25.42
Estie	100	26.72	62.23	-	11.05
Dera	100	30.09	46.61	-	23.30
North Wollo Zone	100	35.29	27.63	-	37.08
Bugna	100	15.08	10.47	-	74.45
Kobo	100	18.48	27.13	-	54.40
Gidan	100	8.01	38.70	-	53.29
Meket	100	42.75	28.38	-	28.86
Wadla	100	53.42	19.54	-	27.04
Dawuntna Delanta	100	46.04	39.79	-	14.17
Guba Lafto	100	38.63	16.93	-	44.43
Habru	100	59.94	40.06	-	-
South Wollo Zone	100	12.69	37.31	-	50
Mekdela	100	13.15	59.20	-	27.65
Tenta	-	-	-	-	-
Kutaber	-	-	-	-	-
Ambasel	100	55.18	21.07	-	23.75
Tehuledere	-	-	-	-	-
Werebabu	100	-	-	-	100
Kalu	100	-	10	-	90
Dessie Zuria	100	8.68	56.60	-	34.72
Legambo	100	-	100	-	-
Sayint	100	26.73	45.91	-	27.36
Debresina	100	-	100	-	-
Kelala	-	-	-	-	-
Jama	100	-	-	-	100
Were Ilu	100	-	-	-	100
Wegde	100	35.89	17.60	-	46.50
North Shewa Zone	100	40.34	16.53	-	43.13
Middana Weremo	100	14.22	35.02	-	50.75
Merhabete	100	75.51	-	-	24.49
Insarona Wayu	100	58.64	-	-	41.36
Moretna Jiru	100	49.38	-	-	50.62
Gera Keya	100	29.41	10.38	-	60.21
Geshe	100	-	-	-	100

TABLE 7-33-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	40.22	59.78	-	-
Efratana Gidim	100	25.00	75.00	-	-
Lalo Midir	100	10.32	10.32	-	79.35
Mojana Wedera	100	55.73	8.53	-	35.74
Tarmaber	100	23.70	-	-	76.30
Kewet	100	100	-	-	-
Asagirt	100	41.57	-	-	58.43
Angolelana Tera	100	63.12	36.88	-	-
Ankober	100	34.52	27.70	-	37.79
Hagere Mariam	100	74.58	-	-	25.42
Berehet	-	-	-	-	-
Minjarna Shenkora	100	30.16	33.89	-	35.96
Basona Werana	100	-	-	-	100
East Gojam Zone	100	45.57	25.26	-	29.17
Bibugn	100	24.50	66.23	-	9.27
Hulet Ej Enesie	100	49.92	46.07	-	4.02
Goncha Siso Enesie	100	46.55	-	-	53.45
Enebse Sar Midir	100	-	19.70	-	80.30
Enarj Enawga	100	35.93	-	-	64.07
Enemay	100	61.16	33.84	-	5.00
Debay Telatgen	100	67.73	31.86	-	0.40
Machakel	100	39.77	36.32	-	23.91
Gozamin	100	25.93	47.99	-	26.08
Baso Liben	100	49.38	7.90	-	42.71
Awabel	-	-	-	-	-
Dejen	100	45.99	13.24	-	40.78
Shebel Berenta	100	100	-	-	-
West Gojam Zone	100	21.19	50.41	-	28.40
Achefer	100	26.82	-	-	73.18
Bahirdar Zuria	100	2.29	95.42	-	2.29
Yilmana Densa	100	34.34	43.78	-	21.89
Merawi	100	35.82	34.28	-	29.89
Sekela	100	21.82	50.43	-	27.75
Kuarit	100	11.37	68.86	-	19.77
Dega Damot	100	45.65	-	-	54.35
Dembecha	100	0.30	88.93	-	10.77
Jabi Tehnan	100	3.26	67.39	-	29.35
Bure Wemberma	100	30.22	54.98	-	14.80
Wag Hamra Zone	100	20.90	29.21	-	49.88
Zikuala	100	13.01	28.71	-	58.28
Sekota	100	30.28	21.10	-	48.62
Dehana	100	19.42	37.83	-	42.75
Awi Zone	100	11.48	53.77	0.20	34.55
Dangela	100	5.97	10.58	1.00	82.46
Banja	100	8.55	91.45	-	-
Ankasha	100	15.20	82.57	-	2.23
Guangua	100	26.67	71.02	-	2.31
Faggeta Lekoma	100	0.99	13.25	-	85.76
Oromia Zone	100	9.45	13.36	-	77.19
Chefegolana Dawerahimedo	100	-	-	-	100
Bati	100	-	-	-	100
Jile Tumuga	100	37.81	53.45	-	8.75
Artuma Fursi	100	-	-	-	100

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	28.56	36.81	0.44	34.18
North Gonder Zone	100	40.95	26.38	1.39	31.28
Addi Arkay	100	29.58	27.16	-	43.26
Beyeda	-	-	-	-	-
Janamora	100	50	50	-	-
Debark	100	58.80	-	-	41.20
Dabat	-	-	-	-	-
Sanja	100	34.40	65.60	-	-
Lay Armacheho	-	-	-	-	-
Wegera	100	100	-	-	-
Gonder Zuria	100	46.82	-	-	53.18
Dembia	100	24.53	32.08	18.87	24.53
Chilga	100	-	50	-	50
Metema	100	-	-	-	100
Quara	-	-	-	-	-
Alefa	100	35.17	5.74	-	59.09
Belesa	100	100	-	-	-
Gonder	100	43.40	-	-	56.60
South Gonder Zone	100	53.52	34.00	-	12.48
Ebenat	100	-	70	-	30
Kemekem	-	-	-	-	-
Fogera	-	-	-	-	-
Farta	100	-	100	-	-
Lay Gayint	100	100	-	-	-
Tach Gayint	-	-	-	-	-
Simada	-	-	-	-	-
Estie	100	67.59	-	-	32.41
Dera	-	-	-	-	-
Debre Tabor	100	100	-	-	-
North Wollo Zone	100	-	35.72	-	64.29
Bugna	100	-	-	-	100
Kobo	-	-	-	-	-
Gidan	100	-	71.43	-	28.57
Meket	-	-	-	-	-
Wadla	-	-	-	-	-
Dawuntna Delanta	-	-	-	-	-
Habru	-	-	-	-	-
Weldia	-	-	-	-	-
South Wollo Zone	100	37.50	12.50	-	50
Mekdela	-	-	-	-	-
Tenta	-	-	-	-	-
Kutaber	-	-	-	-	-
Ambasel	-	-	-	-	-
Tehuledere	100	100	-	-	-
Werebabu	-	-	-	-	-
Kalu	-	-	-	-	-
Dessie Zuria	-	-	-	-	-
Legambo	-	-	-	-	-
Sayint	100	50	50	-	-
Debresina	-	-	-	-	-
Kelala	100	-	-	-	100
Jama	-	-	-	-	-
Were Ilu	-	-	-	-	-
Wegde	-	-	-	-	-
Kombolcha	-	-	-	-	-
Dessie	100	-	-	-	100
North Shewa Zone	100	39.05	31.05	-	29.90
Middana Weremo	100	-	-	-	100

TABLE 7-33-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	-	-	-	-	-
Insarona Wayu	-	-	-	-	-
Moretna Jiru	-	-	-	-	-
Gera Keya	100	62.47	-	-	37.53
Geshe	100	100	-	-	-
Antsokiya Gemza	-	-	-	-	-
Efratana Gidim	-	-	-	-	-
Lalo Midir	-	-	-	-	-
Mojana Wedera	100	-	44.71	-	55.29
Tarmaber	100	50	50	-	-
Kewet	100	13.62	10.08	-	76.29
Asagirt	-	-	-	-	-
Angolelana Tera	-	-	-	-	-
Ankober	100	80.13	19.87	-	-
Hagere Mariam	-	-	-	-	-
Berehet	-	-	-	-	-
Minjarna Shenkora	100	-	100	-	-
Debre Berhane	100	45.19	54.81	-	-
East Gojam Zone	100	38.81	40.07	-	21.12
Bibugn	-	-	-	-	-
Hulet Ej Enesie	100	10.16	89.84	-	-
Goncha Siso Enesie	-	-	-	-	-
Enebse Sar Midir	-	-	-	-	-
Enarj Enawga	-	-	-	-	-
Enemay	-	-	-	-	-
Debay Telatgen	100	100	-	-	-
Machakel	100	21.41	78.59	-	-
Gozamin	100	-	31.94	-	68.06
Baso Liben	-	-	-	-	-
Awabel	-	-	-	-	-
Dejen	-	-	-	-	-
Shebel Berenta	-	-	-	-	-
Debre Markos	100	62.47	-	-	37.53
West Gojam Zone	100	2.69	48.71	-	48.61
Achefer	100	-	-	-	100
Bahirdar Zuria	-	-	-	-	-
Yilmana Densa	-	-	-	-	-
Merawi	-	-	-	-	-
Sekela	-	-	-	-	-
Kuarit	-	-	-	-	-
Dega Damot	-	-	-	-	-
Dembecha	100	-	100	-	-
Jabi Tehnan	100	10.74	27.48	-	61.79
Bure Wemberma	100	-	67.37	-	32.63
Wag Hamra Zone	100	-	33.33	-	66.67
Zikuala	100	-	33.33	-	66.67
Sekota	-	-	-	-	-
Dehana	-	-	-	-	-
Awi Zone	100	9.98	66.27	-	23.74
Dangela	100	27.62	26.19	-	46.19
Banja	100	-	74.96	-	25.04
Ankasha	-	-	-	-	-
Guangua	100	2.33	97.67	-	-
Faggeta Lekoma	-	-	-	-	-
Oromia Zone	-	-	-	-	-
Chefegolana Dawerahimedo	-	-	-	-	-
Bati	-	-	-	-	-
Jile Tumuga	-	-	-	-	-
Artuma Fursi	-	-	-	-	-
Bahirdar Special Zone	100	-	100	-	-
Bahirdar	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
Amhara Region	100	35.94	51.9	0.86	11.3
North Gonder Zone	100	71.91	11.9	-	16.19
Addi Arkay	100	-	100	-	-
Beyeda	100	86.68	11.29	-	2.03
Janamora	100	75.06	-	-	24.94
Debark	100	73.3	14.77	-	11.93
Dabat	100	-	100	-	-
Sanja	100	100	-	-	-
Lay Armacheho	-	-	-	-	-
Wegera	100	61.98	-	-	38.02
Gonder Zuria	-	-	-	-	-
Dembia	100	-	100	-	-
Chilga	-	-	-	-	-
Metema	-	-	-	-	-
Quara	-	-	-	-	-
Alefa	100	100	-	-	-
Belesa	100	34.61	-	-	65.39
Gonder	100	-	52.75	-	47.25
South Gonder Zone	100	60.87	33.48	0.01	5.65
Ebenat	-	-	-	-	-
Kemekem	100	100	-	-	-
Fogera	100	100	-	-	-
Farta	100	50.61	49.39	-	-
Lay Gayint	100	70.98	28.24	0.02	0.76
Tach Gayint	100	42.59	30.5	-	26.91
Simada	100	35.11	-	-	64.89
Estie	100	43.4	46.42	-	10.19
Dera	-	-	-	-	-
Debre Tabor	100	100	-	-	-
North Wollo Zone	100	19.22	74.62	0.08	6.08
Bugna	100	2.55	85.69	-	11.76
Kobo	-	-	-	-	-
Gidan	100	11.78	81.27	-	6.95
Meket	100	27.58	72.42	-	-
Wadla	100	19.68	71.09	0.31	8.93
Dawuntna Delanta	100	14.03	77.61	-	8.36
Guba Lafto	100	38.67	61.33	-	-
Habru	100	87.5	12.5	-	-
Weldia	-	-	-	-	-
South Wollo Zone	100	5.48	69.41	-	25.11
Mekdela	100	14.78	29.46	-	55.77
Tenta	100	2.22	68.55	-	29.23
Kutaber	100	-	100	-	-
Ambasel	100	18.65	15.59	-	65.76
Tehuledere	100	93.64	6.36	-	-
Werebabu	-	-	-	-	-
Kalu	100	-	85.71	-	14.29
Dessie Zuria	100	2.21	76.27	-	21.52
Legambo	100	4.34	91.74	-	3.91
Sayint	100	28.42	58.15	-	13.42
Debresina	-	-	-	-	-
Kelala	-	-	-	-	-
Jama	100	0.27	62.88	-	36.85
Were Ilu	100	2.13	85.35	-	12.52
Wegde	-	-	-	-	-
Kombolcha	-	-	-	-	-
Dessie	100	-	59.32	-	40.68
North Shewa Zone	100	60.88	28.37	2.46	8.28
Middana Weremo	-	-	-	-	-

TABLE 7-34-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	-	-	-	-	-
Insarona Wayu	100	-	11.67	28.52	59.81
Moretna Jiru	-	-	-	-	-
Gera Keya	100	43.53	43.9	0.53	12.04
Geshe	100	69.98	27.86	0.09	2.07
Antsokiya Gemza	100	92.57	7.43	-	-
Efratana Gidim	100	-	100	-	-
Lalo Midir	100	80.55	17.81	0.06	1.58
Mojana Wedera	100	74.59	13.97	-	11.44
Tarmaber	100	72.39	22.67	2.49	2.45
Kewet	100	-	100	-	-
Asagirt	-	-	-	-	-
Angolelana Tera	100	-	-	90.19	9.81
Ankober	100	-	-	-	100
Hagere Mariam	-	-	-	-	-
Berehet	100	100	-	-	-
Minjarna Shenkora	100	100	-	-	-
Debre Berhane	100	31.59	24.07	31.09	13.26
Basona Werana	100	75.96	24.04	-	-
East Gojam Zone	100	43.94	53.67	-	2.38
Bibugn	100	44.1	52.73	-	3.17
Hulet Ej Enesie	100	-	100	-	-
Goncha Siso Enesie	100	-	100	-	-
Enebse Sar Midir	-	-	-	-	-
Enarj Enawga	-	-	-	-	-
Enemay	-	-	-	-	-
Debay Telatgen	-	-	-	-	-
Machakel	100	68.22	31.78	-	-
Gozamin	100	100	-	-	-
Baso Liben	100	-	100	-	-
Awabel	100	32.21	67.79	-	-
Dejen	-	-	-	-	-
Shebel Berenta	-	-	-	-	-
Debre Markos	100	-	100	-	-
West Gojam Zone	100	21.06	20.64	-	58.3
Achefer	-	-	-	-	-
Bahirdar Zuria	-	-	-	-	-
Yilmana Densa	-	-	-	-	-
Merawi	-	-	-	-	-
Sekela	-	-	-	-	-
Kuarit	-	-	-	-	-
Dega Damot	100	-	-	-	100
Dembecha	-	-	-	-	-
Jabi Tehnan	-	-	-	-	-
Bure Wemberma	100	50.09	49.07	-	0.83
Wag Hamra Zone	100	-	100	-	-
Zikuala	-	-	-	-	-
Sekota	100	-	100	-	-
Dehana	-	-	-	-	-
Awi Zone	100	23.91	76.09	-	-
Dangela	-	-	-	-	-
Banja	100	-	100	-	-
Ankasha	-	-	-	-	-
Guangua	100	25	75	-	-
Faggeta Lekoma	-	-	-	-	-
Oromia Zone	100	20.67	79.33	-	-
Chefegolana Dawerahimedo	100	100	-	100	-
Bati	100	100	-	-	-
Jile Tumuga	100	-	100	-	-
Artuma Fursi	-	-	-	-	-
Bahirdar Special Zone	-	-	-	-	-
Bahirdar	-	-	-	-	-

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	35.99	51.9	0.83	11.28
North Gonder Zone	100	72.08	11.84	-	16.09
Addi Arkay	100	-	100	-	-
Beyeda	100	86.68	11.29	-	2.03
Janamora	100	75.20	-	-	24.80
Debark	100	73.30	14.84	-	11.86
Dabat	100	-	100	-	-
Sanja	100	100	-	-	-
Lay Armacheho	-	-	-	-	-
Wegera	100	61.98	-	-	38.02
Gonder Zuria	-	-	-	-	-
Dembia	100	-	100	-	-
Chilga	-	-	-	-	-
Metema	-	-	-	-	-
Quara	-	-	-	-	-
Alefa	100	100	-	-	-
Belesa	100	34.61	-	-	65.39
South Gonder Zone	100	56.67	26.02	-	17.32
Ebenat	-	-	-	-	-
Kemekem	100	100	-	-	-
Fogera	-	-	-	-	-
Farta	100	50.61	49.39	-	-
Lay Gayint	100	70.92	28.34	-	0.74
Tach Gayint	100	42.59	30.50	-	26.91
Simada	100	33.86	-	-	66.14
Estie	100	42.02	47.89	-	10.10
Dera	-	-	-	-	-
North Wollo Zone	100	28.79	66.02	0.04	5.15
Bugna	100	2.35	85.87	-	11.78
Kobo	-	-	-	-	-
Gidan	100	11.78	81.27	-	6.95
Meket	100	27.58	72.42	-	-
Wadla	100	19.68	71.09	0.31	8.93
Dawuntna Delanta	100	13.99	77.63	-	8.38
Guba Lafto	100	38.67	61.33	-	-
Habru	100	87.50	12.50	-	-
South Wollo Zone	100	15.69	61.29	-	23.02
Mekdela	100	14.83	29.56	-	55.61
Tenta	100	2.02	68.89	-	29.10
Kutaber	100	-	100	-	-
Ambasel	100	18.65	15.59	-	65.76
Tehuledere	100	100	-	-	-
Werebabu	-	-	-	-	-
Kalu	100	-	85.00	-	15.00
Dessie Zuria	100	2.21	76.27	-	21.52
Legambo	100	4.34	91.74	-	3.91
Sayint	100	28.42	58.15	-	13.42
Debresina	-	-	-	-	-
Kelala	-	-	-	-	-
Jama	100	0.22	62.91	-	36.87
Were Ilu	100	1.88	86.12	-	12.00
Wegde	-	-	-	-	-
North Shewa Zone	100	50.95	26.41	8.53	14.11
Middana Weremo	-	-	-	-	-
Merhabete	-	-	-	-	-
Insarona Wayu	100	-	11.36	28.61	60.02
Moretna Jiru	-	-	-	-	-
Gera Keya	100	43.70	43.79	0.49	12.03
Geshe	100	69.97	27.87	0.09	2.07

TABLE 7-34-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	92.57	7.43	-	-
Efratana Gidim	100	-	100	-	-
Lalo Midir	100	81.01	17.52	-	1.46
Mojana Wedera	100	74.59	13.97	-	11.44
Tarmaber	100	75.56	23.77	-	0.67
Kewet	100	-	100	-	-
Asagirt	-	-	-	-	-
Angolelana Tera	100	-	-	90.19	9.81
Ankober	100	-	-	-	100
Hagere Mariam	-	-	-	-	-
Berehet	100	100	-	-	-
Minjarna Shenkora	100	100	-	-	-
Basona Werana	100	75.96	24.04	-	-
East Gojam Zone	100	34.93	64.61	-	0.45
Bibugn	100	44.10	52.73	-	3.17
Hulet Ej Enesie	100	-	100	-	-
Goncha Siso Enesie	100	-	100	-	-
Enebse Sar Midir	-	-	-	-	-
Enarj Enawga	-	-	-	-	-
Enemay	-	-	-	-	-
Debay Telatgen	-	-	-	-	-
Machakel	100	68.22	31.78	-	-
Gozamin	100	100	-	-	-
Baso Liben	100	-	100	-	-
Awabel	100	32.21	67.79	-	-
Dejen	-	-	-	-	-
Shebel Berenta	-	-	-	-	-
West Gojam Zone	100	25.00	25.00	-	50
Achefer	-	-	-	-	-
Bahirdar Zuria	-	-	-	-	-
Yilmana Densa	-	-	-	-	-
Merawi	-	-	-	-	-
Sekela	-	-	-	-	-
Kuarit	-	-	-	-	-
Dega Damot	100	-	-	-	100
Dembecha	-	-	-	-	-
Jabi Tehnan	-	-	-	-	-
Bure Wemberma	100	50	50	-	-
Wag Hamra Zone	100	-	100	-	-
Zikuala	-	-	-	-	-
Sekota	100	-	100	-	-
Dehana	-	-	-	-	-
Awi Zone	100	25.00	75.00	-	-
Dangela	-	-	-	-	-
Banja	-	-	-	-	-
Ankasha	-	-	-	-	-
Guangua	100	25.00	75.00	-	-
Faggeta Lekoma	-	-	-	-	-
Oromia Zone	100	33.33	66.67	-	-
Chefegolana Dawerahimedo	100	-	100	-	-
Bati	100	100	-	-	-
Jile Tumuga	100	-	100	-	-
Artuma Fursi	-	-	-	-	-

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	39.1	37.04	6.07	17.8
North Gonder Zone	100	43.91	23.12	-	32.97
Addi Arkay	-	-	-	-	-
Beyeda	-	-	-	-	-
Janamora	100	-	-	-	100
Debark	100	73.42	10.22	-	16.36
Dabat	-	-	-	-	-
Sanja	-	-	-	-	-
Lay Armacheho	-	-	-	-	-
Wegera	-	-	-	-	-
Gonder Zuria	-	-	-	-	-
Dembia	-	-	-	-	-
Chilga	-	-	-	-	-
Metema	-	-	-	-	-
Quara	-	-	-	-	-
Alefa	-	-	-	-	-
Belesa	-	-	-	-	-
Gonder	100	-	52.75	-	47.25
South Gonder Zone	100	93.49	3.91	0.13	2.47
Ebenat	-	-	-	-	-
Kemekem	100	100	-	-	-
Fogera	100	100	-	-	-
Farta	-	-	-	-	-
Lay Gayint	100	73.98	23.44	0.78	1.80
Tach Gayint	-	-	-	-	-
Simada	100	100	-	-	-
Estie	100	86.96	-	-	13.04
Dera	-	-	-	-	-
Debre Tabor	100	100	-	-	-
North Wollo Zone	100	65.65	34.35	-	-
Bugna	100	100	-	-	-
Kobo	-	-	-	-	-
Gidan	-	-	-	-	-
Meket	-	-	-	-	-
Wadla	-	-	-	-	-
Dawuntna Delanta	100	31.30	68.70	-	-
Habru	-	-	-	-	-
Weldia	-	-	-	-	-
South Wollo Zone	100	22.04	44.95	-	33.01
Mekdela	100	-	-	-	100
Tenta	100	41.52	3.27	-	55.21
Kutaber	-	-	-	-	-
Ambasel	-	-	-	-	-
Tehuledere	100	-	100	-	-
Werebabu	-	-	-	-	-
Kalu	100	-	100	-	-
Dessie Zuria	-	-	-	-	-
Legambo	-	-	-	-	-
Sayint	-	-	-	-	-
Debresina	-	-	-	-	-
Kelala	-	-	-	-	-
Jama	100	100	-	-	-
Were Ilu	100	12.77	52.06	-	35.18
Wegde	-	-	-	-	-
Kombolcha	-	-	-	-	-
Dessie	100	-	59.32	-	40.68
North Shewa Zone	100	40.97	40.86	9.54	8.63
Middana Weremo	-	-	-	-	-

TABLE 7-34-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete					
Insarona Wayu	100		100		
Moretna Jiru					
Gera Keya	100	24.16	56.55	5.93	13.36
Geshe	100	100			
Antsokiya Gemza					
Efratana Gidim					
Lalo Midir	100	32.52	47.08	6.02	14.38
Mojana Wedera					
Tarmaber	100	57.54	17.48	14.19	10.78
Kewet					
Asagirt					
Angolelana Tera					
Ankober					
Hagere Mariam					
Berehet					
Minjarna Shenkora					
Debre Berhane	100	31.59	24.07	31.09	13.26
East Gojam Zone	100		100		
Bibugn					
Hulet Ej Enesie					
Goncha Siso Enesie					
Enebse Sar Midir					
Enarj Enawga					
Enemay					
Debay Telatgen					
Machakel					
Gozamin					
Baso Liben					
Awabel					
Dejen					
Shebel Berenta					
Debre Markos	100		100		
West Gojam Zone	100	55.00			45.00
Achefer					
Bahirdar Zuria					
Yilmana Densa					
Merawi					
Sekela					
Kuarit					
Dega Damot					
Dembecha					
Jabi Tehnan					
Bure Wemberma	100	55.00			45.00
Wag Hamra Zone					
Zikuala					
Sekota					
Dehana					
Awi Zone	100		100		
Dangela					
Banja	100		100		
Ankasha					
Guangua					
Faggeta Lekoma					
Oromia Zone					
Chefegolana Dawerahimedo					
Bati					
Jile Tumuga					
Artuma Fursi					
Bahirdar Special Zone					
Bahirdar					

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
Amhara Region	100	33.7	57.27	0.08	8.95
North Gonder Zone	100	38.88	53.29	0.14	7.69
Addi Arkay	100	38.26	55.43	-	6.31
Beyeda	100	66.88	30.33	-	2.79
Janamora	100	53.75	44.89	0.45	0.9
Debark	100	50.23	47.4	-	2.37
Dabat	100	49.99	44.59	-	5.43
Sanja	100	27.82	58.22	0.25	13.71
Lay Armacheho	100	24.69	75.3	-	0.01
Wegera	100	62.29	37.71	-	-
Gonder Zuria	100	29.32	70.68	-	-
Dembia	100	13.53	75.66	-	10.81
Chilga	100	28.26	40.82	-	30.92
Metema	100	26.1	63.19	1.24	9.46
Quara	100	68.4	29.32	0.41	1.87
Alefa	100	18.97	78.38	-	2.66
Belesa	100	47.91	42.26	-	9.83
Gonder	100	51.31	48.69	-	-
South Gonder Zone	100	34.88	59.86	0.52	4.74
Ebenat	100	39.66	37.43	1.83	21.07
Kemekem	100	50.26	49.38	-	0.36
Fogera	100	56.66	43.34	-	-
Farta	100	15.56	84.44	-	-
Lay Gayint	100	28.57	69.62	-	1.81
Tach Gayint	100	58.3	39.14	2.55	-
Simada	100	35.95	64.05	-	-
Estie	100	32.98	63	-	4.02
Dera	100	31.56	68.44	-	-
Debre Tabor	100	16.84	83.16	-	-
North Wollo Zone	100	42.99	51.62	-	5.39
Bugna	100	21.53	68.24	-	10.23
Kobo	100	46.5	51.93	-	1.57
Gidan	100	51.92	37.25	-	10.83
Meket	100	65.37	34.21	-	0.42
Wadla	100	34.01	61.39	-	4.61
Dawuntna Delanta	100	60.94	35.12	-	3.94
Guba Lafto	100	30.13	69.87	-	-
Habru	100	33.48	53.14	-	13.38
Weldia	100	-	100	-	-
South Wollo Zone	100	6.92	61.07	-	32.01
Mekdela	100	6.96	38.14	-	54.9
Tenta	100	7.87	81.07	-	11.06
Kutaber	100	3.52	63.04	-	33.44
Ambasel	100	3.27	70.62	-	26.1
Tehuledere	100	9.15	80.25	-	10.6
Werebabu	100	4.36	66.88	-	28.76
Kalu	100	5.34	41.97	-	52.7
Dessie Zuria	100	15.75	52.14	-	32.1
Legambo	100	10.47	74.62	-	14.9
Sayint	100	2.97	51.32	-	45.71
Debresina	100	13.51	77.47	-	9.03
Kelala	100	20.87	49.8	-	29.33
Jama	100	0.72	71.01	-	28.27
Were Ilu	100	0.15	60.62	-	39.23
Wegde	100	6.35	81.2	-	12.46
Kombolcha	100	-	66.67	-	33.33
Dessie	100	4.04	83.56	-	12.4
North Shewa Zone	100	51.61	42.79	-	5.6
Middana Weremo	100	47.88	36.23	-	15.89

TABLE 7-35-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	52.24	42.97	-	4.78
Insarona Wayu	100	49.05	50.79	-	0.16
Moretna Jiru	100	38.94	49.84	-	11.22
Gera Keya	100	51.2	48.8	-	-
Geshe	100	54.28	45.72	-	-
Antsokiya Gemza	100	32.63	51.67	-	15.71
Efratana Gidim	100	56.32	33.79	-	9.89
Lalo Midir	100	72.62	24.4	-	2.98
Mojana Wedera	100	37.83	46.26	-	15.91
Tarmaber	100	55.45	44.55	-	-
Kewet	100	76.56	16.54	-	6.9
Asagirt	100	70.42	25.96	-	3.62
Angolelana Tera	100	67.29	32.71	-	-
Ankober	100	43.63	53.09	-	3.28
Hagere Mariam	100	32.16	41.69	-	26.15
Berehet	100	91.95	7.19	-	0.86
Minjarna Shenkora	100	63.31	36.69	-	-
Debre Berhane	100	13.55	75.38	-	11.06
Basona Werana	100	21.6	65.77	-	12.63
East Gojam Zone	100	30.94	68.6	0.01	0.44
Bibugn	100	26.76	73.24	-	-
Hulet Ej Enesie	100	25.19	74.73	-	0.08
Goncha Siso Enesie	100	33.99	61.12	-	4.89
Enebse Sar Midir	100	40.56	59.35	-	0.09
Enarj Enawga	100	14	85.88	0.12	-
Enemay	100	41.88	57.74	-	0.38
Debay Telatgen	100	10.7	89.3	-	-
Machakel	100	36.14	63.86	-	-
Gozamin	100	11.1	88.9	-	-
Baso Liben	100	55.46	44.54	-	-
Awabel	100	34.91	65.09	-	-
Dejen	100	45.62	54.38	-	-
Shebel Berenta	100	43.14	56.86	-	-
Debre Markos	100	16.33	83.67	-	-
West Gojam Zone	100	31.46	65.97	-	2.57
Achefer	100	38.67	56.61	-	4.72
Bahirdar Zuria	100	-	100	-	-
Yilmana Densa	100	50.86	49.14	-	-
Merawi	100	20.82	72.6	-	6.59
Sekela	100	13.18	86.82	-	-
Kuarit	100	34.3	65.7	-	-
Dega Damot	100	30.72	69.28	-	-
Dembecha	100	32.34	62.86	-	4.8
Jabi Tehnan	100	15.99	83.62	-	0.39
Bure Wemberma	100	38.35	61.65	-	-
Wag Hamra Zone	100	54.92	36.25	-	8.83
Zikuala	100	62.08	29.35	-	8.57
Sekota	100	42.85	44.6	-	12.55
Dehana	100	58.18	36.14	-	5.68
Awi Zone	100	22.43	73.31	-	4.26
Dangela	100	24.95	70.99	-	4.07
Banja	100	15.48	84.52	-	-
Ankasha	100	13.15	86.85	-	-
Guangua	100	25.82	67.1	-	7.08
Faggeta Lekoma	100	-	100	-	-
Oromia Zone	100	46.89	38.52	-	14.59
Chefegolana Dawerahimedo	100	58.1	35.35	-	6.55
Bati	100	32.63	37.86	-	29.51
Jile Tumuga	100	32.84	46.32	-	20.84
Artuma Fursi	100	54.13	45.87	-	-
Bahirdar Special Zone	100	19.01	76.18	-	4.81
Bahirdar	100	19.01	76.18	-	4.81

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	33.84	57.04	0.08	9.04
North Gonder Zone	100	38.93	53.24	0.14	7.69
Addi Arkay	100	38.47	55.37	-	6.17
Beyeda	100	67.08	30.13	-	2.80
Janamora	100	53.78	44.85	0.46	0.91
Debark	100	50.66	46.96	-	2.39
Dabat	100	49.98	44.57	-	5.46
Sanja	100	27.52	58.54	0.25	13.69
Lay Armachcho	100	24.74	75.26	-	-
Wegera	100	62.44	37.56	-	-
Gonder Zuria	100	29.32	70.68	-	-
Dembia	100	13.44	75.27	-	11.29
Chilga	100	28.18	40.64	-	31.18
Metema	100	25.91	63.00	1.13	9.96
Quara	100	68.40	29.32	0.41	1.87
Alefa	100	19.04	78.28	-	2.68
Belesa	100	47.92	42.22	-	9.86
South Gonder Zone	100	39.07	57.40	0.49	3.04
Ebenat	100	39.71	37.36	1.83	21.10
Kemekem	100	50.24	49.40	-	0.36
Fogera	100	58.52	41.48	-	-
Farta	100	15.54	84.46	-	-
Lay Gayint	100	28.52	69.65	-	1.83
Tach Gayint	100	58.78	38.65	2.57	-
Simada	100	35.79	64.21	-	-
Estie	100	32.92	63.04	-	4.03
Dera	100	31.64	68.36	-	-
North Wollo Zone	100	43.07	51.28	-	5.65
Bugna	100	21.51	68.23	-	10.26
Kobo	100	46.66	51.76	-	1.58
Gidan	100	52.18	36.93	-	10.88
Meket	100	65.48	34.09	-	0.42
Wadla	100	34.01	61.39	-	4.61
Dawuntna Delanta	100	60.94	35.12	-	3.94
Guba Lafto	100	30.13	69.87	-	-
Habru	100	33.62	52.88	-	13.50
South Wollo Zone	100	7.38	63.71	-	28.91
Mekdela	100	6.58	38.02	-	55.40
Tenta	100	7.81	81.09	-	11.10
Kutaber	100	3.52	63.04	-	33.44
Ambasel	100	3.27	70.62	-	26.10
Tehuledere	100	9.22	80.08	-	10.69
Werebabu	100	4.43	66.92	-	28.65
Kalu	100	5.24	41.97	-	52.79
Dessie Zuria	100	15.75	52.14	-	32.10
Legambo	100	10.30	74.77	-	14.93
Sayint	100	2.91	51.35	-	45.74
Debresina	100	13.53	77.42	-	9.05
Kelala	100	21.09	49.27	-	29.65
Jama	100	0.65	71.17	-	28.18
Were Ilu	100	-	56.64	-	43.36
Wegde	100	6.35	81.20	-	12.46
North Shewa Zone	100	53.72	39.42	-	6.85
Middana Weremo	100	47.83	36.14	-	16.03
Merhabete	100	52.21	42.95	-	4.83
Insarona Wayu	100	52.31	47.69	-	-
Moretna Jiru	100	39.76	49.11	-	11.13
Gera Keya	100	51.95	48.05	-	-
Geshe	100	54.28	45.72	-	-

TABLE 7-35-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	32.57	51.32	-	16.11
Efratana Gidim	100	56.45	33.60	-	9.95
Lalo Midir	100	72.63	24.37	-	3.00
Mojana Wedera	100	37.83	46.26	-	15.91
Tarmaber	100	55.74	44.26	-	-
Kewet	100	77.60	15.38	-	7.02
Asagirt	100	70.56	26.29	-	3.15
Angolelana Tera	100	67.72	32.28	-	-
Ankober	100	43.81	52.88	-	3.31
Hagere Mariam	100	32.31	41.41	-	26.28
Berehet	100	91.95	7.19	-	0.86
Minjarna Shenkora	100	61.63	38.37	-	-
Basona Werana	100	21.60	65.77	-	12.63
East Gojam Zone	100	32.40	67.19	0.01	0.40
Bibugn	100	27.58	72.42	-	-
Hulet Ej Enesie	100	25.49	74.51	-	-
Goncha Siso Enesie	100	34.01	61.10	-	4.89
Enebse Sar Midir	100	40.74	59.26	-	-
Enarj Enawga	100	13.27	86.60	0.13	-
Enemay	100	41.89	57.84	-	0.27
Debay Telatgen	100	9.95	90.05	-	-
Machakel	100	36.01	63.99	-	-
Gozamin	100	11.11	88.89	-	-
Baso Liben	100	56.63	43.37	-	-
Awabel	100	35.35	64.65	-	-
Dejen	100	45.86	54.14	-	-
Shebel Berenta	100	43.31	56.69	-	-
West Gojam Zone	100	27.68	70.65	-	1.67
Achefer	100	39.54	55.52	-	4.95
Bahirdar Zuria	100	-	100	-	-
Yilmana Densa	100	50.98	49.02	-	-
Merawi	100	21.37	71.77	-	6.86
Sekela	100	12.24	87.76	-	-
Kuarit	100	34.30	65.70	-	-
Dega Damot	100	30.69	69.31	-	-
Dembecha	100	32.61	62.46	-	4.93
Jabi Tehnan	100	16.55	83.45	-	-
Bure Wemberma	100	38.53	61.47	-	-
Wag Hamra Zone	100	54.58	36.44	-	8.98
Zikuala	100	62.29	29.11	-	8.60
Sekota	100	43.24	44.10	-	12.66
Dehana	100	58.21	36.11	-	5.68
Awi Zone	100	16.14	81.59	-	2.27
Dangela	100	25.16	70.70	-	4.13
Banja	100	15.85	84.15	-	-
Ankasha	100	13.29	86.71	-	-
Guangua	100	26.38	66.38	-	7.24
Faggeta Lekoma	100	-	100	-	-
Oromia Zone	100	45.20	40.50	-	14.30
Chefegolana Dawerahimedo	100	58.22	35.21	-	6.58
Bati	100	32.71	37.54	-	29.75
Jile Tumuga	100	32.90	46.22	-	20.88
Artuma Fursi	100	56.98	43.02	-	-

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	21.48	75.75	0.08	2.69
North Gonder Zone	100	34.12	58.14	0.57	7.17
Addi Arkay	100	11.20	63.86	-	24.94
Beyeda	100	-	100	-	-
Janamora	100	50.56	49.44	-	-
Debark	100	-	100	-	-
Dabat	100	51.70	48.30	-	-
Sanja	100	47.82	36.96	-	15.21
Lay Armacheho	100	-	95.10	-	4.90
Wegera	100	39.90	60.10	-	-
Gonder Zuria	100	28.72	71.28	-	-
Dembia	100	15.45	84.55	-	-
Chilga	100	38.14	61.86	-	-
Metema	100	29.79	66.88	3.32	-
Quara	-	-	-	-	-
Alefa	100	9.63	90.37	-	-
Belesa	100	44.44	55.56	-	-
Gonder	100	51.31	48.69	-	-
South Gonder Zone	100	28.68	71.32	-	-
Ebenat	100	-	100	-	-
Kemekem	100	56.52	43.48	-	-
Fogera	100	7.17	92.83	-	-
Farta	100	27.30	72.70	-	-
Lay Gayint	100	33.25	66.75	-	-
Tach Gayint	100	-	100	-	-
Simada	100	65.30	34.70	-	-
Estie	100	50	50	-	-
Dera	100	30.40	69.60	-	-
Debre Tabor	100	16.84	83.16	-	-
North Wollo Zone	100	18.60	80.49	-	0.91
Bugna	100	24.87	69.66	-	5.46
Kobo	100	23.15	76.85	-	-
Gidan	100	-	100	-	-
Meket	100	45.07	54.93	-	-
Wadla	-	-	-	-	-
Dawuntna Delanta	-	-	-	-	-
Habru	100	18.52	81.48	-	-
Weldia	100	-	100	-	-
South Wollo Zone	100	27.54	61.57	-	10.89
Mekdela	100	49.34	50.66	-	-
Tenta	100	23.80	76.20	-	-
Kutaber	-	-	-	-	-
Ambasel	-	-	-	-	-
Tehuledere	100	-	100	-	-
Werebabu	100	-	64.17	-	35.83
Kalu	100	57.93	42.07	-	-
Dessie Zuria	-	-	-	-	-
Legambo	100	100	-	-	-
Sayint	100	100	-	-	-
Debresina	100	-	100	-	-
Kelala	100	-	100	-	-
Jama	100	21.42	21.42	-	57.17
Were Ilu	100	1.45	95.71	-	2.85
Wegde	-	-	-	-	-
Kombolcha	100	-	66.67	-	33.33
Dessie	100	4.04	83.56	-	12.40
North Shewa Zone	100	32.43	63.27	-	4.30
Middana Weremo	100	54.03	45.97	-	-

TABLE 7-35-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR: Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	55.15	44.85	-	-
Insarona Wayu	100	18.38	79.94	-	1.67
Moretna Jiru	100	-	84.88	-	15.12
Gera Keya	100	7.25	92.75	-	-
Geshe	-	-	-	-	-
Antsokiya Gemza	100	34.77	65.23	-	-
Efratana Gidim	100	37.05	62.95	-	-
Lalo Midir	100	70.28	29.72	-	-
Mojana Wedera	-	-	-	-	-
Tarmaber	100	-	100	-	-
Kewet	100	14.20	85.80	-	-
Asagirt	100	59.08	-	-	40.92
Angolelana Tera	100	39.86	60.14	-	-
Ankober	100	24.67	75.33	-	-
Hagere Mariam	100	-	100	-	-
Berehet	-	-	-	-	-
Minjarna Shenkora	100	90.65	9.35	-	-
Debre Berhane	100	13.55	75.38	-	11.06
East Gojam Zone	100	22.49	76.40	-	1.11
Bibugn	100	6.53	93.47	-	-
Hulet Ej Enesie	100	10.65	85.23	-	4.12
Goncha Siso Enesie	100	15.14	84.86	-	-
Enebse Sar Midir	100	25.62	66.53	-	7.85
Enarj Enawga	100	32.10	67.82	-	0.08
Enemay	100	41.64	55.20	-	3.16
Debay Telatgen	100	13.99	86.01	-	-
Machakel	100	58.03	41.65	-	0.32
Gozamin	100	-	100	-	-
Baso Liben	100	5.28	94.72	-	-
Awabel	100	21.18	78.82	-	-
Dejen	100	29.06	70.94	-	-
Shebel Berenta	100	39.30	60.70	-	-
Debre Markos	100	16.33	83.67	-	-
West Gojam Zone	100	35.16	64.21	-	0.62
Achefer	100	20.74	79.26	-	-
Bahirdar Zuria	-	-	-	-	-
Yilmana Densa	100	35.96	64.04	-	-
Merawi	100	10.06	88.70	-	1.24
Sekela	100	100	-	-	-
Kuarit	-	-	-	-	-
Dega Damot	100	53.23	46.77	-	-
Dembecha	100	22.22	77.78	-	-
Jabi Tehnan	100	11.21	85.03	-	3.75
Bure Wemberma	100	27.89	72.11	-	-
Wag Hamra Zone	100	-	100	-	-
Zikuala	100	-	100	-	-
Sekota	100	-	100	-	-
Dehana	100	-	100	-	-
Awi Zone	100	4.05	95.95	-	-
Dangela	100	11.30	88.70	-	-
Banja	100	-	100	-	-
Ankasha	100	8.07	91.93	-	-
Guangua	100	0.90	99.10	-	-
Faggeta Lekoma	100	-	100	-	-
Oromia Zone	100	16.65	83.35	-	-
Chefegolana Dawerahimedo	100	25.00	75.00	-	-
Bati	100	22.22	77.78	-	-
Jile Tumuga	100	-	100	-	-
Artuma Fursi	100	19.37	80.63	-	-
Bahirdar Special Zone	100	19.01	76.18	-	4.81
Bahirdar	100	19.01	76.18	-	4.81

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
Amhara Region	100	20.88	75.32	0.03	3.76
North Gonder Zone	100	36.19	60.68	0.21	2.92
Addi Arkay	100	57.38	41.82	-	0.8
Beyeda	100	22.16	77.53	-	0.31
Janamora	100	30	68.06	0.41	1.53
Debark	100	24.58	73.56	-	1.87
Dabat	100	40.55	58.72	0.04	0.69
Sanja	100	37.89	61.5	-	0.61
Lay Armacheho	100	28.77	66.57	-	4.66
Wegera	100	32.37	66.17	0.48	0.97
Gonder Zuria	100	44.46	54.06	-	1.49
Dembia	100	13.88	75.8	-	10.32
Chilga	100	26.09	72.64	-	1.27
Metema	100	22.98	67.56	0.78	8.68
Quara	100	25.07	74.76	-	0.17
Alefa	100	10.61	86.39	-	3
Belesa	100	56.26	31.46	0.61	11.67
Gonder	100	11.05	85.36	-	3.59
South Gonder Zone	100	25.73	72.82	-	1.45
Ebenat	100	43.37	53.63	-	3
Kemekem	100	28.16	71.26	-	0.58
Fogera	100	41.36	58.64	-	-
Farta	100	15.82	84.01	-	0.17
Lay Gayint	100	20.49	79.51	-	-
Tach Gayint	100	52.19	47.81	-	-
Simada	100	36.63	62.69	-	0.67
Estie	100	16.24	80.76	-	3
Dera	100	6.51	93.49	-	-
Debre Tabor	100	6.89	93.11	-	-
North Wollo Zone	100	20.89	76.44	-	2.66
Bugna	100	16.79	76.61	-	6.61
Kobo	100	17.6	80.53	-	1.87
Gidan	100	20.32	78.52	-	1.15
Meket	100	28.11	71.82	-	0.07
Wadla	100	20.06	73.2	-	6.74
Dawuntna Delanta	100	25.37	72.15	-	2.48
Guba Lafto	100	11.41	88.59	-	-
Habru	100	22.93	75.4	-	1.67
Weldia	100	10.44	89.56	-	-
South Wollo Zone	100	1.92	85.9	-	12.17
Mekdela	100	3.46	92.68	-	3.85
Tenta	100	0.33	95.8	-	3.87
Kutaber	100	0.84	90.67	-	8.5
Ambasel	100	3.35	66.43	-	30.22
Tehuledere	100	1.78	95.4	-	2.83
Werebabu	100	3.38	84.54	-	12.08
Kalu	100	0.04	45.27	-	54.69
Dessie Zuria	100	0.58	90.61	-	8.81
Legambo	100	3.76	92.84	-	3.4
Sayint	100	2.94	78.3	-	18.76
Debresina	100	3.48	93.72	0.07	2.73
Kelala	100	2.25	91.13	-	6.61
Jama	100	1.13	84.47	-	14.4
Were Ilu	100	0.75	96.82	-	2.43
Wegde	100	0.62	96.68	-	2.69
Kombolcha	100	2.39	96.02	-	1.59
Dessie	100	8.72	86.67	-	4.61
North Shewa Zone	100	23.06	73.37	-	3.57
Middana Weremo	100	9.71	85.86	-	4.43

TABLE 7-36-a –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Merhabete	100	26.48	70.85	-	2.67
Insarona Wayu	100	14.87	85.13	-	-
Moretna Jiru	100	28.95	68.81	-	2.24
Gera Keya	100	13.66	85.28	-	1.06
Geshe	100	21.16	78.47	-	0.37
Antsokiya Gemza	100	14.6	80.2	-	5.2
Efratana Gidim	100	44.35	47.03	-	8.62
Lalo Midir	100	26.85	72.17	-	0.98
Mojana Wedera	100	27.19	66.47	-	6.34
Tarmaber	100	27.67	70.94	-	1.39
Kewet	100	51.69	46.56	-	1.76
Asagirt	100	35.51	62.98	-	1.51
Angolelana Tera	100	10.58	89.42	-	-
Ankober	100	38.3	50.57	-	11.13
Hagere Mariam	100	18.29	71.31	-	10.4
Berehet	100	51.22	48.78	-	-
Minjarna Shenkora	100	54.73	39.58	-	5.69
Debre Berhane	100	10.97	88.94	-	0.09
Basona Werana	100	16.6	73.66	-	9.74
East Gojam Zone	100	20.46	79.27	0.06	0.22
Bibugn	100	16.22	83.78	-	-
Hulet Ej Enesie	100	27.09	72.77	-	0.14
Goncha Siso Enesie	100	21.4	78.6	-	-
Enebse Sar Midir	100	16.04	83.92	-	0.04
Enarj Enawga	100	9.54	89.94	0.44	0.08
Enemay	100	32.9	66.65	0.35	0.11
Debay Telatgen	100	13.44	84.96	-	1.61
Machakel	100	10.95	89.05	-	-
Gozamin	100	8.48	91.16	-	0.37
Baso Liben	100	24.65	75.16	0.2	-
Awabel	100	23.62	76.38	-	-
Dejen	100	59.31	40.01	-	0.67
Shebel Berenta	100	47.6	52.31	-	0.09
Debre Markos	100	13.23	86.77	-	-
West Gojam Zone	100	26.44	71.37	-	2.18
Achefer	100	32.59	67.41	-	-
Bahirdar Zuria	100	100	-	-	-
Yilmana Densa	100	19.09	75.63	0.02	5.26
Merawi	100	23.85	64.9	-	11.24
Sekela	100	30.44	68.82	-	0.74
Kuarit	100	27.42	71.56	-	1.02
Dega Damot	100	21.75	77.85	-	0.4
Dembecha	100	32.68	66.32	0.03	0.97
Jabi Tehnan	100	19.08	79.08	-	1.85
Bure Wemberma	100	32.9	67.1	-	-
Wag Hamra Zone	100	43.28	52.07	-	4.65
Zikuala	100	52.64	44.61	-	2.75
Sekota	100	44.27	54.56	-	1.17
Dehana	100	32.39	56.59	-	11.02
Awi Zone	100	15.75	83.32	-	0.93
Dangela	100	38.67	61.27	-	0.07
Banja	100	10.23	89.45	-	0.32
Ankasha	100	11.63	88.37	-	-
Guangua	100	15.25	81.52	-	3.23
Faggeta Lekoma	100	6.6	91.23	-	2.16
Oromia Zone	100	26.53	68.16	-	5.31
Chefegolana Dawerahimedo	100	17.61	82.39	-	-
Bati	100	17.08	73.45	-	9.47
Jile Tumuga	100	30.21	58.45	-	11.34
Artuma Fursi	100	53.59	46.41	-	-
Bahirdar Special Zone	100	11.6	81.55	-	6.84
Bahirdar	100	11.6	81.55	-	6.84

b) Rural Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	20.94	75.23	0.03	3.79
North Gonder Zone	100	36.37	60.48	0.21	2.94
Addi Arkay	100	57.50	41.70	-	0.80
Beyeda	100	22.17	77.52	-	0.31
Janamora	100	29.97	68.07	0.41	1.54
Debark	100	24.78	73.33	-	1.89
Dabat	100	41.03	58.27	-	0.70
Sanja	100	38.01	61.37	-	0.62
Lay Armacheho	100	28.92	66.43	-	4.65
Wegera	100	32.48	66.07	0.49	0.96
Gonder Zuria	100	44.65	53.85	-	1.50
Dembia	100	14.41	74.74	-	10.85
Chilga	100	26.00	72.73	-	1.27
Metema	100	23.29	66.99	0.80	8.91
Quara	100	25.07	74.76	-	0.17
Alefa	100	10.66	86.27	-	3.07
Belesa	100	56.28	31.39	0.62	11.71
South Gonder Zone	100	28.90	70.27	-	0.83
Ebenat	100	43.37	53.63	-	3.01
Kemekem	100	28.47	70.95	-	0.59
Fogera	100	42.26	57.74	-	-
Farta	100	15.75	84.08	-	0.17
Lay Gayint	100	20.48	79.52	-	-
Tach Gayint	100	52.19	47.81	-	-
Simada	100	36.46	62.87	-	0.67
Estie	100	16.23	80.76	-	3.02
Dera	100	4.91	95.09	-	-
North Wollo Zone	100	20.29	77.12	-	2.59
Bugna	100	16.63	76.72	-	6.65
Kobo	100	17.64	80.48	-	1.88
Gidan	100	20.32	78.53	-	1.15
Meket	100	28.02	71.91	-	0.07
Wadla	100	20.06	73.20	-	6.75
Dawuntna Delanta	100	25.42	72.08	-	2.50
Guba Lafto	100	11.41	88.59	-	-
Habru	100	22.81	75.48	-	1.71
South Wollo Zone	100	1.82	86.39	-	11.78
Mekdela	100	3.46	92.68	-	3.85
Tenta	100	0.13	95.94	-	3.93
Kutaber	100	0.82	90.59	-	8.58
Ambasel	100	3.10	66.49	-	30.41
Tehuledere	100	1.34	95.76	-	2.90
Werebabu	100	3.30	84.62	-	12.08
Kalu	100	-	45.11	-	54.89
Dessie Zuria	100	0.56	90.59	-	8.85
Legambo	100	3.77	92.83	-	3.40
Sayint	100	2.94	78.25	-	18.81
Debresina	100	3.52	93.66	0.07	2.75
Kelala	100	2.18	91.14	-	6.68
Jama	100	1.04	84.43	-	14.52
Were Ilu	100	0.56	97.11	-	2.33
Wegde	100	0.63	96.68	-	2.70
North Shewa Zone	100	28.20	67.90	-	3.90
Middana Weremo	100	10.06	85.33	-	4.61
Merhabete	100	26.79	70.42	-	2.80
Insarona Wayu	100	14.87	85.13	-	-
Moretna Jiru	100	29.35	68.69	-	1.96
Gera Keya	100	13.71	85.22	-	1.07
Geshe	100	21.15	78.48	-	0.37

TABLE 7-36-b –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Antsokiya Gemza	100	14.26	80.40	-	5.34
Efratana Gidim	100	44.60	46.68	-	8.72
Lalo Midir	100	26.93	72.12	-	0.95
Mojana Wedera	100	27.13	66.51	-	6.36
Tarmaber	100	28.19	70.36	-	1.45
Kewet	100	52.83	45.35	-	1.82
Asagirt	100	35.71	62.78	-	1.52
Angolelana Tera	100	10.59	89.41	-	-
Ankober	100	38.73	49.95	-	11.32
Hagere Mariam	100	18.33	71.19	-	10.48
Berehet	100	51.22	48.78	-	-
Minjarna Shenkora	100	54.69	39.63	-	5.68
Basona Werana	100	16.60	73.66	-	9.74
East Gojam Zone	100	24.14	75.55	0.08	0.23
Bibugn	100	16.21	83.79	-	-
Hulet Ej Enesie	100	27.40	72.49	-	0.11
Goncha Siso Enesie	100	21.31	78.69	-	-
Enebse Sar Midir	100	16.10	83.90	-	-
Enarj Enawga	100	9.46	90.02	0.44	0.08
Enemay	100	33.06	66.51	0.36	0.06
Debay Telatgen	100	13.38	85.01	-	1.61
Machakel	100	10.97	89.03	-	-
Gozamin	100	8.43	91.20	-	0.36
Baso Liben	100	24.68	75.12	0.20	-
Awabel	100	23.68	76.32	-	-
Dejen	100	60.27	39.03	-	0.69
Shebel Berenta	100	48.85	51.06	-	0.09
West Gojam Zone	100	34.20	63.63	-	2.17
Achefer	100	32.98	67.02	-	-
Bahirdar Zuria	100	100	-	-	-
Yilmana Densa	100	19.23	75.45	-	5.32
Merawi	100	23.95	64.63	-	11.42
Sekela	100	30.51	68.75	-	0.75
Kuarit	100	27.44	71.53	-	1.02
Dega Damot	100	21.86	77.74	-	0.40
Dembecha	100	33.11	65.93	-	0.96
Jabi Tehnan	100	19.91	78.28	-	1.81
Bure Wemberma	100	32.99	67.01	-	-
Wag Hamra Zone	100	43.15	51.86	-	4.98
Zikuala	100	52.72	44.52	-	2.76
Sekota	100	44.32	54.51	-	1.17
Dehana	100	32.41	56.56	-	11.02
Awi Zone	100	16.66	82.19	-	1.16
Dangela	100	39.46	60.54	-	-
Banja	100	10.35	89.32	-	0.33
Ankasha	100	11.54	88.46	-	-
Guangua	100	15.35	81.39	-	3.27
Faggeta Lekoma	100	6.60	91.22	-	2.18
Oromia Zone	100	29.81	64.97	-	5.22
Chefegolana Dawerahimedo	100	17.70	82.30	-	-
Bati	100	17.13	73.43	-	9.44
Jile Tumuga	100	30.36	58.20	-	11.44
Artuma Fursi	100	54.06	45.94	-	-

c) Urban Holdings

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Amhara Region	100	15.43	83.21	0.06	1.31
North Gonder Zone	100	18.08	80.83	0.3	0.79
Addi Arkay	100	1.26	98.74	-	-
Beyeda	100	18.38	81.62	-	-
Janamora	100	39.47	60.53	-	-
Debark	100	14.31	85.04	-	0.65
Dabat	100	12.29	85.43	2.27	-
Sanja	100	28.52	71.48	-	-
Lay Armacheho	100	-	93.32	-	6.68
Wegera	100	17.58	80.24	-	2.18
Gonder Zuria	100	22.77	77.23	-	-
Dembia	100	3.54	96.46	-	-
Chilga	100	50	50	-	-
Metema	100	11.54	88.46	-	-
Quara	-	-	-	-	-
Alefa	100	8.28	91.72	-	-
Belesa	100	51.40	48.60	-	-
Gonder	100	11.05	85.36	-	3.59
South Gonder Zone	100	28.73	70.95	-	0.31
Ebenat	100	44.27	55.73	-	-
Kemekem	100	13.53	86.47	-	-
Fogera	100	19.46	80.54	-	-
Farta	100	37.17	62.83	-	-
Lay Gayint	100	20.79	79.21	-	-
Tach Gayint	100	51.80	48.20	-	-
Simada	100	53.00	45.74	-	1.26
Estie	100	17.15	80.99	-	1.86
Dera	100	23.28	76.72	-	-
Debre Tabor	100	6.89	93.11	-	-
North Wollo Zone	100	24.56	75.30	-	0.14
Bugna	100	36.32	62.57	-	1.11
Kobo	100	10.51	89.49	-	-
Gidan	100	24.23	75.77	-	-
Meket	100	49.04	50.96	-	-
Wadla	100	25.03	74.97	-	-
Dawuntna Delanta	100	12.91	87.09	-	-
Habru	100	28.00	72.00	-	-
Weldia	100	10.44	89.56	-	-
South Wollo Zone	100	8.23	88.73	-	3.04
Mekdela	-	-	-	-	-
Tenta	100	8.82	89.58	-	1.60
Kutaber	100	2.02	97.98	-	-
Ambasel	100	43.69	56.31	-	-
Tehuledere	100	11.93	87.06	-	1.01
Werebabu	100	6.15	81.54	-	12.31
Kalu	100	7.77	75.35	-	16.87
Dessie Zuria	100	4.50	95.50	-	-
Legambo	100	-	100	-	-
Sayint	100	2.02	97.19	-	0.79
Debresina	100	-	100	-	-
Kelala	100	8.47	90.70	-	0.83
Jama	100	11.26	88.74	-	-
Were Ilu	100	13.90	77.02	-	9.08
Wegde	100	-	100	-	-
Kombolcha	100	2.39	96.02	-	1.59
Dessie	100	8.72	86.67	-	4.61
North Shewa Zone	100	18.23	80.33	-	1.44
Middana Weremo	100	0.59	99.41	-	-
Merhabete	100	19.90	80.10	-	-

TABLE 7-36-c –(Cont'd)

Geographic Area	Total (%)	PERCENT UTILIZED FOR:			
		Household Consumption	Sale	Wages in Kind	Other
Insarona Wayu	100	15.22	83.94	-	0.84
Moretna Jiru	100	10.90	74.08	-	15.02
Gera Keya	100	8.64	91.36	-	-
Geshe	100	24.35	75.65	-	-
Antsokiya Gemza	100	27.73	72.27	-	-
Efratana Gidim	100	24.05	75.95	-	-
Lalo Midir	100	20.58	76.03	-	3.39
Mojana Wedera	100	43.32	56.68	-	-
Tarmaber	100	15.20	84.80	-	-
Kewet	100	17.87	82.13	-	-
Asagirt	100	-	100	-	-
Angolelana Tera	100	7.35	92.65	-	-
Ankober	100	12.35	87.65	-	-
Hagere Mariam	100	12.19	87.81	-	-
Berehet	-	-	-	-	-
Minjarna Shenkora	100	56.97	36.48	-	6.55
Debre Berhane	100	10.97	88.94	-	0.09
East Gojam Zone	100	24.86	74.66	-	0.48
Bibugn	100	45.00	55.00	-	-
Hulet Ej Enesie	100	10.59	87.47	-	1.94
Goncha Siso Enesie	100	30.95	69.05	-	-
Enebse Sar Midir	100	12.34	85.09	-	2.57
Enarj Enawga	100	18.28	81.72	-	-
Enemay	100	28.02	70.52	-	1.46
Debay Telatgen	100	100	-	-	-
Machakel	100	9.52	90.48	-	-
Gozamin	100	15.43	83.79	-	0.78
Baso Liben	100	10.08	89.92	-	-
Awabel	100	12.59	87.41	-	-
Dejen	100	28.34	71.66	-	-
Shebel Berenta	100	13.70	86.30	-	-
Debre Markos	100	13.23	86.77	-	-
West Gojam Zone	100	16.05	83.11	0.23	0.61
Achefer	100	16.15	83.85	-	-
Bahirdar Zuria	-	-	-	-	-
Yilmana Densa	100	8.88	88.77	1.27	1.08
Merawi	100	17.46	82.54	-	-
Sekela	100	23.07	76.93	-	-
Kuarit	100	24.87	75.13	-	-
Dega Damot	100	6.03	93.97	-	-
Dembecha	100	19.94	77.85	0.83	1.39
Jabi Tehnan	100	4.02	93.44	-	2.54
Bure Wemberma	100	24.05	75.51	-	0.45
Wag Hamra Zone	100	20.62	78.79	-	0.59
Zikuala	100	33.33	66.67	-	-
Sekota	100	28.54	69.69	-	1.77
Dehana	100	-	100	-	-
Awi Zone	100	9.87	89.72	-	0.40
Dangela	100	15.14	82.85	-	2.01
Banja	100	5.65	94.35	-	-
Ankasha	100	15.83	84.17	-	-
Guangua	100	6.25	93.75	-	-
Faggeta Lekoma	100	6.50	93.50	-	-
Oromia Zone	100	11.35	84.75	-	3.90
Chefegolana Dawerahimedo	100	6.57	93.43	-	-
Bati	100	6.37	78.03	-	15.61
Jile Tumuga	100	12.33	87.67	-	-
Artuma Fursi	100	20.14	79.86	-	-
Bahirdar Special Zone	100	11.60	81.55	-	6.84
Bahirdar	100	11.60	81.55	-	6.84

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
Amhara Region	10,512,777	105,254	1	5,320,330	106,812	2	3,815,858	133,388	3
North Gonder Zone	1,936,543	53,397	3	524,087	31,969	6	682,264	29,309	4
Addi Arkay	98,425	11,522	12	18,840	7,086	38	74,599	10,211	14
Beyeda	40,282	2,784	7	77,125	8,891	12	34,547	7,453	22
Janamora	66,501	4,717	7	104,161	14,764	14	40,724	7,513	18
Debark	71,014	6,568	9	47,853	9,394	20	39,072	7,094	18
Dabat	87,714	8,363	10	23,799	4,555	19	30,374	5,278	17
Sanja	232,312	29,663	13	2,147	578	27	78,715	9,683	12
Lay Armacheho	100,297	8,499	8	11,420	3,676	32	33,462	3,556	11
Wegera	112,494	11,799	10	94,651	14,639	15	38,353	8,136	21
Gonder Zuria	140,287	8,906	6	42,287	8,634	20	38,895	5,192	13
Dembia	166,046	11,782	7	8,886	2,062	23	5,427	1,218	22
Chilga	218,038	22,688	10	10,684	2,730	26	55,464	8,905	16
Metema	103,756	12,209	12	4,956	1,722	35	29,863	4,199	14
Quara	85,173	6,834	8	1,136	507	45	26,262	3,015	11
Alefa	227,582	18,527	8	21,066	4,873	23	66,826	10,684	16
Belesa	181,479	14,566	8	53,619	14,979	28	89,251	11,973	13
Gonder	5,144	201	4	1,455	147	10	430	62	14
South Gonder Zone	1,182,912	26,358	2	486,212	28,674	6	438,975	28,536	7
Ebenat	123,872	11,114	9	32,585	4,414	14	70,172	7,373	11
Kemekem	105,289	5,659	5	31,414	5,927	19	34,372	4,845	14
Fogera	157,128	8,695	6	7,607	2,586	34	27,867	6,458	23
Farta	143,194	8,333	6	80,441	9,710	12	41,312	5,724	14
Lay Gayint	91,278	6,574	7	69,495	7,967	11	43,561	16,278	37
Tach Gayint	44,293	2,632	6	24,480	3,028	12	32,668	4,653	14
Simada	130,707	7,417	6	80,633	13,613	17	97,466	15,693	16
Estie	229,392	14,290	6	131,171	19,217	15	66,408	10,183	15
Dera	156,319	9,208	6	27,542	6,272	23	25,044	5,040	20
Debre Tabor	1,441	82	6	846	84	10	105	42	40
North Wollo Zone	910,763	30,887	3	610,341	54,593	9	429,284	24,573	6
Bugna	136,924	18,133	13	64,053	13,293	21	80,133	10,754	13
Kobo	154,724	11,787	8	9,027	2,270	25	62,127	7,253	12
Gidan	82,341	5,121	6	115,015	23,530	20	42,134	4,758	11
Meket	135,374	14,635	11	115,643	28,523	25	62,935	9,979	16
Wadla	77,132	4,005	5	111,990	17,779	16	23,150	3,558	15
Dawuntna Delanta	108,283	8,026	7	118,938	27,834	23	63,710	14,657	23
Guba Lafto	99,134	6,468	7	63,147	18,258	29	51,257	7,082	14
Habru	116,580	11,115	10	12,373	2,673	22	43,829	5,976	14
Weldia	271	25	9	157	25	16	9	5	57

Annex Table 7.1 (Cont'd)

Geographic Area	CATTLE			SHEEP			GOATS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV
South Wollo Zone	1,469,751	26,548	2	1,489,247	61,871	4	720,544	36,366	5
Mekdela	90,551	4,601	5	105,802	19,673	19	46,903	9,226	20
Tenta	100,573	4,399	4	166,253	24,085	14	57,712	10,972	19
Kutaber	67,996	3,186	5	72,077	10,676	15	43,247	7,436	17
Ambasel	73,018	3,889	5	64,057	8,135	13	54,885	7,678	14
Tehuledere	68,181	2,733	4	29,881	4,997	17	23,684	4,554	19
Werebabu	66,259	4,697	7	9,354	1,488	16	29,222	3,349	11
Kalu	115,006	6,752	6	13,125	2,371	18	67,909	8,261	12
Dessie Zuria	189,045	12,763	7	227,943	32,666	14	102,686	19,060	19
Legambo	82,532	4,170	5	202,617	12,654	6	23,243	3,529	15
Sayint	143,580	10,453	7	135,051	20,534	15	115,390	19,323	17
Debresina	105,483	7,355	7	111,693	17,985	16	32,701	6,047	18
Kelala	122,496	12,946	11	65,368	16,191	25	47,548	5,588	12
Jama	74,413	3,377	5	108,193	15,042	14	17,581	3,705	21
Were Ilu	86,520	4,406	5	158,819	13,150	8	25,267	6,805	27
Wegde	82,198	4,667	6	17,214	3,774	22	32,125	5,063	16
Kombolcha	604	48	8	355	46	13	209	43	21
Dessie	1,297	124	10	1,446	143	10	232	71	31
North Shewa Zone	1,021,040	14,184	1	888,095	36,264	4	517,431	16,208	3
Middana Weremo	49,130	3,262	7	4,780	1,347	28	17,966	1,833	10
Merhabete	53,359	2,915	5	4,210	1,144	27	24,835	3,370	14
Insarona Wayu	66,222	3,614	5	50,345	7,696	15	16,729	3,758	22
Moretna Jiru	38,399	1,666	4	14,664	3,531	24	19,535	2,903	15
Gera Keya	83,698	4,205	5	200,403	22,932	11	39,533	5,039	13
Geshe	32,522	1,407	4	64,406	5,575	9	24,545	2,875	12
Antsokiya Gemza	26,922	1,947	7	15,192	4,764	31	14,616	1,622	11
Efratana Gidim	50,781	2,772	5	14,130	2,215	16	21,844	2,747	13
Lalo Midir	69,864	3,146	5	101,980	14,039	14	31,162	4,967	16
Mojana Wedera	40,824	2,113	5	71,296	10,519	15	22,331	1,921	9
Tarmaber	51,256	2,011	4	20,167	4,274	21	39,112	2,700	7
Kewet	67,100	4,002	6	9,427	1,699	18	34,733	3,609	10
Asagirt	37,518	1,503	4	29,165	3,370	12	27,991	2,988	11
Angolelana Tera	72,337	3,749	5	89,814	7,131	8	9,174	1,934	21
Ankober	50,664	2,187	4	15,904	2,623	16	45,343	3,971	9
Hagere Mariam	38,198	1,312	3	33,332	4,362	13	26,167	2,215	8
Berehet	20,717	564	3	4,732	319	7	14,357	653	5
Minjarna Shenkora	79,287	5,707	7	20,156	3,523	17	45,369	8,556	19
Debre Berhane	2,984	205	7	5,912	543	9	117	35	30
Basona Werana	89,257	6,703	8	118,081	15,030	13	41,973	5,093	12
East Gojam Zone	1,263,726	26,567	2	591,329	24,504	4	215,761	15,974	7

Annex Table 7.1 (Cont'd)

Geographic Area	CATTLE			SHEEP			GOATS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV
Bibugn	60,080	5,027	8	51,286	7,720	15	11,619	2,056	18
Hulet Ej Enesie	136,828	12,358	9	71,042	9,001	13	36,168	10,357	29
Goncha Siso Enesie	75,914	5,790	8	46,494	6,467	14	17,794	4,693	26
Enebse Sar Midir	59,427	4,209	7	15,606	3,832	25	32,706	4,265	13
Enarj Enawga	89,764	4,740	5	35,244	5,995	17	25,322	6,431	25
Enemay	83,577	5,383	6	32,188	4,335	13	9,240	3,717	40
Debay Telatgen	76,000	5,858	8	52,238	6,234	12	4,763	2,083	44
Machakel	173,098	11,324	7	73,407	8,061	11	9,313	2,684	29
Gozamin	170,515	11,566	7	113,330	12,056	11	12,086	3,481	29
Baso Liben	91,860	3,716	4	23,362	4,079	17	21,260	3,144	15
Awabel	137,515	9,970	7	53,763	8,505	16	10,782	2,815	26
Dejen	59,273	3,313	6	14,931	3,004	20	12,544	2,065	16
Shebel Berenta	43,992	2,115	5	5,522	1,156	21	12,147	1,604	13
Debre Markos	5,885	368	6	2,917	231	8	17	10	58
West Gojam Zone	1,399,492	28,043	2	372,879	17,706	5	181,795	14,896	8
Achefer	224,630	11,731	5	30,565	4,997	16	40,679	7,365	18
Bahirdar Zuria	206,865	15,036	7	14,329	3,843	27	26,049	4,612	18
Yilmana Densa	151,977	8,707	6	60,428	7,525	12	43,623	9,875	23
Merawi	204,783	10,567	5	28,753	4,530	16	15,680	4,293	27
Sekela	86,616	5,071	6	58,628	6,389	11	13,427	2,659	20
Kuarit	81,771	4,395	5	37,212	6,346	17	7,848	1,555	20
Dega Damot	87,419	4,710	5	67,208	8,400	13	13,037	2,904	22
Dembecha	101,570	4,101	4	18,695	3,331	18	5,334	1,042	20
Jabi Tehnan	124,595	7,577	6	17,996	3,394	19	9,225	2,212	24
Bure Wemberma	129,265	9,684	7	39,066	4,730	12	6,895	2,550	37
Wag Hamra Zone	355,055	58,358	16	86,328	18,742	22	417,737	115,409	28
Zikuala	152,863	55,110	36	26,910	6,462	24	251,395	108,456	43
Sekota	130,344	18,429	14	39,391	16,930	43	120,151	39,066	33
Dehana	71,849	5,378	7	20,027	4,783	24	46,192	5,495	12
Awi Zone	638,869	22,499	4	248,566	13,041	5	91,959	7,130	8
Dangela	156,264	11,221	7	25,819	3,805	15	19,437	3,589	18
Banja	99,567	6,930	7	86,870	7,390	9	6,381	1,616	25
Ankasha	117,188	10,919	9	53,743	6,467	12	17,737	3,697	21
Guangua	169,678	14,279	8	26,783	3,832	14	31,216	3,518	11
Faggeta Lekoma	96,171	3,022	3	55,351	6,669	12	17,189	3,050	18
Oromia Zone	326,825	16,363	5	20,969	2,385	11	119,590	9,099	8
Chefegolana Dawerahimedo	128,566	13,864	11	7,347	1,500	20	41,948	7,946	19
Bati	76,890	5,833	8	6,834	1,544	23	36,080	3,065	8
Jile Tumuga	61,639	4,598	7	3,083	794	26	23,156	2,122	9
Artuma Fursi	59,730	4,511	8	3,706	652	18	18,407	2,401	13
Bahirdar Special Zone	7,801	794	10	2,277	411	18	518	164	32

Annex Table 7.1 (Cont'd)

Geographic Area	HORSES			ASSES			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Amhara Region	306,443	11,822	4	1,465,020	15,271	1	105,515	3,759	4	28,476	2,285	8
North Gonder Zone	38,236	3,629	9	223,116	6,220	3	12,474	965	8	792	193	24
Addi Arkay	1,084	626	58	10,605	895	8	422	172	41	-	-	-
Beyeda	2,696	551	20	11,807	637	5	830	243	29	-	-	-
Janamora	5,183	920	18	19,661	1,729	9	1,326	298	22	-	-	-
Debark	10,809	2,591	24	10,095	1,229	12	875	266	30	-	-	-
Dabat	5,031	1,113	22	10,909	1,004	9	638	161	25	-	-	-
Sanja	3	3	100	14,525	1,669	11	881	211	24	57	32	56
Lay Armacheho	672	305	45	11,896	1,056	9	304	144	47	-	-	-
Wegera	10,451	1,744	17	21,560	1,865	9	1,454	321	22	-	-	-
Gonder Zuria	1,903	725	38	26,287	3,382	13	339	166	49	-	-	-
Dembia	67	63	95	10,717	1,550	14	292	136	46	-	-	-
Chilga	8	3	41	18,923	1,466	8	805	240	30	3	3	100
Metema	151	83	55	7,009	680	10	106	44	42	446	130	29
Quara	-	-	-	5,409	548	10	336	98	29	160	65	41
Alefa	3	3	100	16,786	1,882	11	972	219	23	-	-	-
Belesa	102	70	69	26,623	2,072	8	2,893	570	20	126	122	97
Gonder	75	16	21	304	40	13	2	2	100	-	-	-
South Gonder Zone	23,269	4,034	17	171,041	5,324	3	12,832	1,523	12	2,728	630	23
Ebenat	600	242	40	22,937	1,971	9	1,338	293	22	760	286	38
Kemekem	1,762	696	40	16,582	1,575	10	643	218	34	776	419	54
Fogera	60	60	100	13,187	1,367	10	339	149	44	-	-	-
Farta	6,328	2,258	36	20,366	1,991	10	3,859	1,035	27	551	260	47
Lay Gayint	5,361	1,494	28	20,041	1,981	10	758	187	25	98	100	102
Tach Gayint	174	100	57	13,217	710	5	412	112	27	54	54	101
Simada	1,090	378	35	24,779	2,097	8	1,631	386	24	125	121	97
Estie	7,488	2,863	38	28,412	2,498	9	3,355	930	28	131	129	99
Dera	378	205	54	11,457	1,043	9	445	174	39	233	168	72
Debre Tabor	29	7	25	62	19	31	53	14	26	-	-	-
North Wollo Zone	32,027	5,708	18	141,934	5,524	4	10,600	1,184	11	6,233	1,287	21
Bugna	115	116	101	27,444	3,340	12	2,356	625	27	-	-	-
Kobo	1	2	118	19,894	1,898	10	611	199	33	3,150	1,087	35
Gidan	1,796	1,315	73	18,346	1,713	9	1,515	330	22	184	143	78
Meket	12,109	4,740	39	18,895	1,891	10	1,946	717	37	50	50	100
Wadla	12,410	2,487	20	9,043	1,243	14	1,593	283	18	63	61	98
Dawuntna Delanta	3,736	1,032	28	21,956	1,653	8	1,953	469	24	-	-	-
Guba Lafto	1,700	1,054	62	15,490	1,487	10	372	167	45	551	396	72
Habru	153	97	64	10,847	1,661	15	254	140	55	2,236	541	24

Annex Table 7.1 (Cont'd)

Geographic Area	HORSES			ASSES			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Weldia	8	4	51	19	8	44	-	-	-	-	-	-
South Wollo Zone	48,484	3,929	8	252,841	6,765	3	27,426	2,055	7	3,274	946	29
Mekdela	1,441	467	32	19,598	1,673	9	1,451	345	24	-	-	-
Tenta	8,080	1,908	24	20,542	1,478	7	2,313	361	16	-	-	-
Kutaber	4,039	1,243	31	12,378	902	7	3,088	704	23	-	-	-
Ambasel	910	471	52	14,200	1,676	12	1,849	563	30	186	101	54
Tehuledere	649	326	50	5,697	722	13	2,058	628	31	-	-	-
Werebabu	149	132	88	6,956	729	10	273	110	40	822	284	35
Kalu	255	112	44	12,966	1,406	11	642	183	29	2,048	891	44
Dessie Zuria	8,166	2,058	25	30,130	2,816	9	6,222	1,437	23	-	-	-
Legambo	7,121	1,367	19	20,070	2,025	10	1,477	266	18	-	-	-
Sayint	1,456	544	37	21,165	2,665	13	289	119	41	-	-	-
Debresina	3,309	1,126	34	13,953	1,286	9	629	168	27	-	-	-
Kelala	2,207	643	29	20,975	2,417	12	2,962	532	18	39	40	103
Jama	4,667	849	18	18,417	1,839	10	1,287	277	22	179	89	50
Were Ilu	5,401	910	17	24,342	1,764	7	2,236	398	18	-	-	-
Wegde	577	202	35	11,250	1,006	9	650	162	25	-	-	-
Kombolcha	46	15	33	20	8	37	-	-	-	-	-	-
Dessie	11	6	53	182	35	20	-	-	-	-	-	-
North Shewa Zone	33,085	2,581	8	238,716	4,090	2	11,009	778	7	3,170	558	18
Middana Weremo	238	110	46	8,134	515	6	497	114	23	74	42	57
Merhabete	3	3	100	13,094	672	5	485	147	30	-	-	-
Insarona Wayu	3,117	742	24	16,613	1,112	7	239	107	45	92	51	56
Moretna Jiru	1,697	527	31	13,733	1,057	8	89	51	58	19	19	101
Gera Keya	3,608	731	20	21,876	1,546	7	1,195	227	19	38	38	100
Geshe	227	79	35	8,106	383	5	1,157	167	14	88	54	61
Antsokiya Gemza	529	240	45	7,300	525	7	513	155	30	59	24	40
Efratana Gidim	933	431	46	8,771	667	8	458	125	27	277	101	36
Lalo Midir	1,905	663	35	17,420	1,028	6	856	222	26	-	-	-
Mojana Wedera	1,454	507	35	9,707	552	6	159	61	38	-	-	-
Tarmaber	958	424	44	8,750	577	7	315	108	34	-	-	-
Kewet	176	112	64	10,889	663	6	169	64	38	250	145	58
Asagirt	1,924	350	18	6,867	326	5	454	78	17	66	42	64
Angolelana Tera	7,797	931	12	14,072	790	6	523	106	20	-	-	-
Ankober	3	3	100	7,752	559	7	366	108	30	269	172	64
Hagere Mariam	1,259	233	19	9,857	308	3	436	80	18	-	-	-
Berehet	17	12	69	5,069	157	3	348	44	13	529	75	14
Minjama Shenkora	923	414	45	24,659	1,771	7	2,284	551	24	1,409	483	34
Debre Berhane	169	50	30	211	47	22	-	-	-	-	-	-
Basona Werana	6,148	1,712	28	25,837	1,993	8	469	168	36	-	-	-

Annex Table 7.1 (Cont'd)

Geographic Area	HORSES			ASSES			MULES			CAMELS		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
East Gojam Zone	50,633	4,229	8	178,838	5,146	3	9,199	1,310	14	905	366	40
Bibugn	5,932	1,302	22	4,134	562	14	1,062	293	28	52	34	65
Hulet Ej Enesie	7,529	1,742	23	18,732	2,127	11	1,874	582	31	-	-	-
Goncha Siso Enesie	1,121	364	33	12,366	1,236	10	372	132	35	-	-	-
Enebse Sar Midir	112	63	56	13,119	1,308	10	519	148	28	-	-	-
Enarj Enawga	1,547	779	50	19,079	1,838	10	379	139	37	-	-	-
Enemay	1,282	365	28	17,479	1,177	7	149	86	58	33	34	103
Debay Telatgen	7,539	952	13	14,611	1,343	9	326	101	31	135	145	108
Machakel	4,551	1,298	29	12,044	1,672	14	1,526	563	37	164	163	99
Gozamin	13,609	2,679	20	15,522	2,123	14	2,567	936	36	204	202	99
Baso Liben	194	94	48	10,777	762	7	27	27	100	-	-	-
Awabel	6,826	1,576	23	19,412	1,619	8	225	131	58	142	140	99
Dejen	81	75	93	11,275	917	8	60	43	71	-	-	-
Shebel Berenta	169	106	63	10,245	700	7	92	59	64	175	154	88
Debre Markos	143	54	38	42	21	50	21	23	108	-	-	-
West Gojam Zone	19,366	2,929	15	148,180	4,895	3	12,054	1,209	10	4,811	1,107	23
Achefer	942	472	50	24,950	2,685	11	1,462	352	24	1,185	625	53
Bahirdar Zuria	-	-	-	18,728	1,850	10	716	214	30	164	163	100
Yilmana Densa	536	243	45	22,429	1,644	7	1,890	529	28	1,141	481	42
Merawi	263	178	68	21,262	1,526	7	1,010	317	31	202	200	99
Sekela	8,266	2,240	27	8,133	1,060	13	1,375	370	27	1,237	664	54
Kuarit	1,049	537	51	10,049	823	8	2,185	698	32	-	-	-
Dega Damot	6,425	1,627	25	7,957	1,172	15	2,211	454	21	-	-	-
Dembecha	878	353	40	8,438	593	7	383	125	33	450	176	39
Jabi Tehnan	337	205	61	9,899	1,010	10	342	155	45	169	172	102
Bure Wemberma	670	383	57	16,335	1,938	12	479	203	42	263	189	72
Wag Hamra Zone	211	119	56	42,970	3,171	7	4,154	988	24	48	49	101
Zikuala	34	23	68	12,010	1,576	13	1,688	632	37	48	49	101
Sekota	43	43	99	16,842	2,326	14	1,537	738	48	-	-	-
Dehana	133	108	81	14,119	1,471	10	930	183	20	-	-	-
Awi Zone	61,074	5,399	9	39,419	2,942	7	4,479	619	14	830	345	42
Dangela	1	1	100	13,535	1,391	10	685	227	33	-	-	-
Banja	32,863	3,529	11	1,534	464	30	1,438	373	26	222	156	70
Ankasha	12,684	3,118	25	6,458	1,312	20	1,041	362	35	136	139	102
Guangua	381	195	51	13,222	2,017	15	731	175	24	472	275	58
Faggeta Lekoma	15,145	2,635	17	4,670	846	18	584	174	30	-	-	-
Oromia Zone	58	33	56	27,737	2,004	7	977	322	33	5,685	665	12
Chefegolana Dawerahimedo	9	5	51	9,031	1,588	18	749	314	42	1,402	424	30
Bati	6	4	72	4,275	585	14	23	22	97	2,858	427	15
Jile Tumuga	-	-	-	8,906	835	9	144	58	41	905	231	26
Artuma Fursi	43	32	74	5,526	672	12	61	38	62	520	163	31
Bahirdar Special Zone				228	69	30	309	72	23			

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
Amhara Region	455,625	8,206	2	434,475	8,230	2	742,801	9,828	1	3,258,405	27,234	1	382,084	9,394	2
North Gonder Zone	73,808	3,521	5	99,578	4,397	4	143,420	4,803	3	512,580	12,564	2	62,934	3,533	6
Addi Arkay	4,337	618	14	5,231	899	17	6,485	834	13	26,144	2,677	10	2,818	695	25
Beyeda	1,919	286	15	1,886	236	13	2,810	304	11	12,300	844	7	1,458	349	24
Janamora	2,496	520	21	3,399	620	18	4,508	581	13	22,179	1,383	6	2,584	627	24
Debark	3,041	411	14	2,942	453	15	5,439	453	8	16,374	1,688	10	2,776	628	23
Dabat	3,603	467	13	4,311	569	13	7,455	984	13	20,414	1,739	9	4,903	691	14
Sanja	12,846	2,191	17	13,850	1,772	13	16,345	2,012	12	45,533	6,861	15	6,460	1,676	26
Lay Armacheho	4,031	614	15	4,523	561	12	7,322	730	10	28,053	2,331	8	2,190	429	20
Wegera	2,994	405	14	5,100	819	16	10,148	1,342	13	31,910	3,730	12	6,346	836	13
Gonder Zuria	5,361	504	9	4,292	599	14	10,956	1,162	11	44,255	3,014	7	6,965	895	13
Dembia	6,080	766	13	6,489	826	13	11,776	1,185	10	49,642	3,178	6	4,238	871	21
Chilga	8,799	1,840	21	13,584	2,588	19	17,592	1,801	10	49,300	2,580	5	5,046	1,200	24
Metema	3,456	560	16	9,103	1,328	15	8,898	1,300	15	18,727	2,463	13	846	260	31
Quara	3,256	483	15	6,309	627	10	7,216	729	10	17,787	2,191	12	2,387	727	30
Alefa	7,803	909	12	10,357	1,337	13	16,788	2,253	13	64,400	3,877	6	7,134	1,356	19
Belesa	3,509	576	16	7,903	1,321	17	9,373	1,043	11	64,807	4,900	8	6,717	1,220	18
Gonder	276	24	9	300	27	9	310	26	8	756	77	10	64	15	23
South Gonder Zone	50,340	2,392	5	48,917	2,118	4	82,018	2,964	4	366,929	9,178	3	61,333	4,717	8
Ebenat	4,788	606	13	5,146	630	12	8,713	1,097	13	40,936	4,323	11	5,238	1,064	20
Kemekem	3,441	454	13	4,455	561	13	7,870	704	9	35,024	2,107	6	4,626	929	20
Fogera	6,436	867	13	6,279	752	12	11,686	904	8	46,424	3,362	7	5,690	857	15
Farta	6,100	845	14	6,473	619	10	10,020	1,217	12	40,442	3,053	8	8,377	1,580	19
Lay Gayint	4,406	831	19	4,354	503	12	5,166	652	13	29,595	1,654	6	3,701	942	25
Tach Gayint	1,912	266	14	1,783	272	15	3,096	339	11	13,820	998	7	3,250	573	18
Simada	4,558	580	13	6,295	751	12	8,559	909	11	44,129	3,174	7	5,206	962	18
Estie	11,066	1,398	13	7,227	1,021	14	16,575	1,391	8	67,495	4,544	7	21,852	3,792	17
Dera	7,506	792	11	6,809	944	14	10,287	1,219	12	49,007	2,456	5	3,386	714	21
Debre Tabor	127	14	11	96	14	14	46	9	20	57	15	27	7	5	68
North Wollo Zone	47,182	2,694	6	43,046	2,506	6	68,902	3,440	5	260,568	8,503	3	20,531	2,363	12
Bugna	5,328	1,399	26	5,600	1,018	18	9,703	1,304	13	43,224	6,059	14	5,453	1,628	30
Kobo	7,363	891	12	6,184	990	16	11,782	909	8	49,314	3,056	6	2,696	838	31
Gidan	4,138	592	14	4,011	523	13	7,494	949	13	23,462	1,551	7	564	168	30
Meket	7,080	988	14	8,083	1,399	17	9,607	2,287	24	33,304	2,731	8	3,278	851	26
Wadla	4,415	576	13	3,597	447	12	5,683	582	10	19,039	1,499	8	1,452	495	34
Dawuntna Delanta	6,209	800	13	6,093	796	13	8,103	812	10	25,509	2,339	9	3,566	890	25
Guba Lafto	5,079	888	17	4,303	560	13	7,826	698	9	31,170	2,096	7	1,304	349	27

Annex Table 7.2 –Male Cattle (Cont'd)

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
Habru	7,551	1,191	16	5,164	940	18	8,693	1,300	15	35,496	2,068	6	2,217	565	26
Weldia	21	5	22	13	4	34	10	4	40	50	10	20	2	2	71
South Wollo Zone	75,451	2,354	3	62,422	2,271	4	105,290	2,691	3	453,955	9,334	2	31,665	2,729	9
Mekdela	5,228	572	11	3,240	450	14	5,501	661	12	28,548	1,336	5	931	263	28
Tenta	5,942	510	9	5,776	622	11	8,148	784	10	24,573	1,126	5	2,058	741	36
Kutaber	3,262	279	9	3,135	336	11	5,383	495	9	20,754	1,322	6	1,972	512	26
Ambasel	2,971	397	13	2,520	335	13	5,532	597	11	28,214	1,232	4	1,183	250	21
Tehuledere	3,398	352	10	2,749	367	13	5,576	476	9	22,633	1,274	6	1,630	347	21
Werebabu	4,148	560	14	2,741	312	11	4,136	428	10	20,669	993	5	1,599	309	19
Kalu	6,317	688	11	4,480	590	13	7,787	933	12	39,858	2,819	7	2,909	1,283	44
Dessie Zuria	8,514	1,148	13	7,163	1,022	14	15,554	1,010	7	57,751	4,724	8	4,409	1,278	29
Legambo	4,224	520	12	3,611	491	14	7,462	720	10	22,201	1,897	9	580	194	33
Sayint	7,636	759	10	6,147	878	14	8,307	871	10	45,791	4,006	9	2,074	509	25
Debresina	5,643	596	11	5,031	562	11	7,147	817	11	29,564	2,451	8	972	315	32
Kelala	5,607	762	14	5,142	843	16	7,105	734	10	38,722	3,796	10	4,817	1,132	24
Jama	3,085	341	11	3,589	470	13	4,226	340	8	24,968	1,347	5	3,099	737	24
Were Ilu	4,725	670	14	4,291	515	12	7,168	595	8	24,138	1,999	8	1,043	312	30
Wegde	4,611	379	8	2,677	442	17	6,190	581	9	25,274	1,439	6	2,381	833	35
Kombolcha	35	8	22	40	9	23	28	7	23	149	19	13	7	5	65
Dessie	104	17	16	92	14	16	39	10	26	149	42	28	-	-	-
North Shewa Zone	41,706	1,277	3	32,250	1,036	3	70,311	1,728	2	389,405	5,231	1	53,738	2,546	5
Middana Weremo	2,358	348	15	1,602	244	15	3,125	370	12	17,221	1,233	7	2,609	366	14
Merhabete	1,597	251	16	1,614	219	14	3,347	425	13	22,444	1,109	5	4,912	704	14
Insarona Wayu	1,887	244	13	1,821	267	15	3,920	538	14	27,397	1,356	5	4,725	809	17
Moretna Jiru	1,389	217	16	791	147	19	2,002	230	11	17,734	988	6	2,860	518	18
Gera Keya	4,146	446	11	3,789	423	11	5,806	536	9	25,811	1,272	5	3,239	698	22
Geshe	1,182	161	14	1,312	175	13	2,435	242	10	11,377	512	5	1,383	240	17
Antsokiya Gemza	1,199	260	22	763	127	17	1,521	251	17	11,167	635	6	1,195	190	16
Efratana Gidim	1,854	219	12	1,626	201	12	3,933	387	10	20,318	1,179	6	2,516	501	20
Lalo Midir	2,840	303	11	2,313	319	14	5,601	454	8	23,357	1,555	7	2,821	446	16
Mojana Wedera	1,558	231	15	1,309	206	16	2,732	330	12	16,076	665	4	2,875	406	14
Tarmaber	2,021	203	10	1,716	177	10	3,877	336	9	19,294	969	5	2,556	383	15
Kewet	3,583	355	10	1,935	287	15	4,436	397	9	25,637	1,723	7	3,402	520	15
Asagirt	1,845	166	9	1,427	138	10	2,816	172	6	12,899	502	4	1,284	142	11
Angolelana Tera	3,622	327	9	2,620	232	9	5,546	515	9	21,215	965	5	1,987	301	15
Ankober	2,179	232	11	1,268	163	13	4,455	369	8	20,973	954	5	1,017	253	25
Hagere Mariam	1,443	123	9	1,178	126	11	2,375	161	7	14,368	492	3	3,280	295	9
Berehet	807	66	8	581	62	11	1,455	118	8	9,359	208	2	446	61	14
Minjarna Shenkora	2,323	482	21	1,427	263	18	4,028	501	12	39,749	2,582	6	4,789	1,023	21
Debre Berhane	203	30	15	171	23	14	104	22	21	111	34	31	2	2	112
Basona Werana	3,671	496	14	2,986	398	13	6,797	677	10	32,899	1,520	5	5,839	1,415	24

Annex Table 7.2 –Male Cattle (Cont'd)

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
East Gojam Zone	50,691	1,927	4	43,998	1,851	4	80,078	2,726	3	447,120	9,869	2	62,529	3,969	6
Bibugn	1,802	295	16	2,294	298	13	4,299	565	13	20,543	1,086	5	1,764	276	16
Hulet Ej Enesie	4,449	893	20	3,741	692	19	9,442	1,412	15	47,758	3,520	7	7,060	1,136	16
Goncha Siso Enesie	3,528	553	16	1,841	311	17	4,176	518	12	29,448	2,181	7	3,296	656	20
Enebse Sar Midir	2,751	384	14	2,038	333	16	3,872	487	13	22,148	1,626	7	2,693	570	21
Enarj Enawga	4,168	455	11	2,897	462	16	4,812	549	11	36,522	1,853	5	3,064	864	28
Enemay	3,717	498	13	3,173	524	17	5,847	658	11	26,732	1,562	6	6,272	1,126	18
Debay Telatgen	3,613	422	12	2,936	401	14	5,457	522	10	27,669	1,769	6	3,179	755	24
Machakel	6,394	686	11	5,849	646	11	10,420	1,187	11	61,146	4,853	8	11,266	1,945	17
Gozamin	6,823	661	10	6,824	785	12	9,846	906	9	54,250	5,282	10	9,791	1,760	18
Baso Liben	3,128	409	13	3,154	426	14	7,042	504	7	32,620	1,764	5	3,864	847	22
Awabel	5,071	676	13	6,294	829	13	6,755	845	13	48,726	3,221	7	5,849	1,731	30
Dejen	2,685	392	15	1,527	242	16	4,204	550	13	22,028	1,210	5	2,626	534	20
Shebel Berenta	2,133	237	11	1,128	203	18	3,496	318	9	17,093	1,005	6	1,756	407	23
Debre Markos	431	39	9	303	35	12	409	42	10	438	82	19	50	29	58
West Gojam Zone	50,033	2,103	4	47,054	2,365	5	92,337	3,331	4	484,432	9,861	2	63,433	3,705	6
Achefer	8,145	1,047	13	7,326	994	14	12,799	1,562	12	77,782	4,120	5	9,033	1,838	20
Bahirdar Zuria	8,196	927	11	7,590	1,241	16	13,271	1,374	10	64,876	4,569	7	5,863	1,354	23
Yilmana Densa	6,333	784	12	5,609	919	16	10,402	1,091	10	53,888	3,342	6	7,304	1,372	19
Merawi	6,531	721	11	6,180	953	15	11,631	1,311	11	67,722	4,261	6	10,831	1,393	13
Sekela	3,384	490	14	3,397	406	12	7,257	804	11	28,472	1,676	6	1,682	415	25
Kuarit	2,824	345	12	2,221	308	14	5,277	697	13	28,753	1,506	5	6,800	1,052	15
Dega Damot	3,144	465	15	3,175	436	14	5,326	501	9	31,090	1,996	6	4,204	728	17
Dembecha	2,786	297	11	3,093	347	11	6,430	510	8	39,529	1,601	4	5,711	766	13
Jabi Tehnan	4,470	585	13	4,124	571	14	9,801	959	10	43,557	2,744	6	5,745	868	15
Bure Wemberma	4,220	570	14	4,338	644	15	10,142	1,136	11	48,761	3,303	7	6,260	1,242	20
Wag Hamra Zone	16,975	4,600	27	18,060	4,317	24	24,418	4,082	17	85,721	6,685	8	6,700	1,231	18
Zikuala	7,663	4,151	54	10,326	4,162	40	12,201	3,960	32	25,210	5,796	23	1,298	282	22
Sekota	5,901	1,834	31	5,262	1,086	21	8,278	886	11	37,361	2,916	8	2,061	554	27
Dehana	3,412	748	22	2,472	365	15	3,939	440	11	23,150	1,609	7	3,341	1,063	32
Awi Zone	25,926	1,474	6	24,631	1,641	7	53,936	2,391	4	173,426	7,759	4	13,136	1,556	12
Dangela	6,057	505	8	4,618	725	16	13,052	1,327	10	49,513	3,989	8	5,070	1,107	22
Banja	5,565	704	13	3,900	590	15	8,868	709	8	12,602	2,156	17	910	384	42
Ankasha	4,887	726	15	5,157	758	15	9,889	902	9	35,727	4,310	12	2,295	681	30
Guangua	5,260	853	16	7,096	1,042	15	12,896	1,551	12	53,324	4,377	8	3,165	659	21
Faggeta Lekoma	4,157	409	10	3,861	400	10	9,232	484	5	22,260	1,378	6	1,696	388	23
Oromia Zone	22,846	1,823	8	14,139	1,022	7	21,673	1,334	6	83,233	3,634	4	5,940	766	13
Chefegolana Dawerahimedo	9,066	1,579	17	5,517	764	14	8,339	986	12	36,323	3,266	9	2,812	587	21
Bati	5,028	592	12	3,463	458	13	5,176	493	10	18,210	755	4	913	343	38
Jile Tumuga	4,702	501	11	2,762	328	12	4,094	405	10	13,603	1,024	8	1,075	240	22
Artuma Fursi	4,050	477	12	2,398	379	16	4,064	632	16	15,098	961	6	1,141	259	23
Bahirdar Special Zone	666	91	14	379	59	16	418	63	15	1,038	210	20	146	66	45

Annex Table 7.2 (Cont'd)

Female Cattle

Geographic Area	<6MONTHS			6MONTHS -<1YEAR			1-<3YEARS			3-<10YEARS			10YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Amhara Region	475,038	8,827	2	450,955	8,292	2	812,595	11,824	1	3,237,973	42,707	1	262,826	7,371	3
North Gonder Zone	81,222	4,415	5	105,759	4,785	5	169,996	7,404	4	626,633	18,806	3	60,614	4,216	7
Addi Arkay	5,600	946	17	5,163	1,080	21	8,253	1,100	13	31,631	4,112	13	2,764	846	31
Beyeda	1,872	292	16	1,848	249	13	3,032	356	12	11,839	1,041	9	1,318	326	25
Janamora	2,778	464	17	3,529	538	15	4,497	663	15	18,675	1,278	7	1,857	531	29
Debark	4,233	554	13	3,350	597	18	5,069	678	13	23,781	2,284	10	4,009	1,233	31
Dabat	3,364	493	15	4,453	626	14	6,533	807	12	26,957	2,924	11	5,722	849	15
Sanja	13,846	2,349	17	15,277	1,908	12	21,638	3,225	15	77,946	10,630	14	8,571	2,208	26
Lay Armacheho	5,144	808	16	5,790	815	14	8,217	795	10	32,680	3,549	11	2,347	444	19
Wegera	3,372	398	12	5,112	578	11	8,632	1,429	17	34,138	4,267	13	4,741	874	18
Gonder Zuria	5,455	740	14	4,440	608	14	11,093	1,467	13	41,489	3,063	7	5,980	1,025	17
Dembia	6,481	685	11	7,200	963	13	15,080	1,619	11	56,460	5,594	10	2,601	891	34
Chilga	10,272	2,928	29	13,582	2,603	19	22,859	2,823	12	68,881	5,982	9	8,123	2,065	25
Metema	3,694	531	14	8,366	1,183	14	11,680	1,842	16	37,223	3,942	11	1,763	391	22
Quara	3,688	476	13	6,810	808	12	7,332	694	9	27,619	2,434	9	2,770	568	21
Alefa	6,441	854	13	11,433	2,155	19	21,485	4,473	21	77,354	6,443	8	4,387	939	21
Belesa	4,632	773	17	9,094	1,103	12	14,052	1,489	11	57,918	6,087	11	3,474	1,060	31
Gonder	352	24	7	312	25	8	543	38	7	2,042	79	4	189	31	16
South Gonder Zone	48,617	2,197	5	52,190	2,433	5	83,228	3,089	4	352,370	9,275	3	36,970	3,020	8
Ebenat	3,316	434	13	5,523	699	13	9,274	988	11	37,342	3,511	9	3,595	1,001	28
Kemekem	3,544	550	16	4,297	738	17	7,396	679	9	31,876	2,520	8	2,760	677	25
Fogera	6,083	851	14	6,355	657	10	12,366	1,041	8	50,838	3,167	6	4,970	1,074	22
Farta	7,373	781	11	7,490	792	11	9,931	874	9	41,906	2,699	6	5,083	1,165	23
Lay Gayint	4,260	735	17	4,104	453	11	5,970	850	14	27,521	2,338	8	2,200	563	26
Tach Gayint	1,720	239	14	1,674	307	18	3,070	374	12	12,565	1,000	8	1,402	239	17
Simada	6,270	771	12	5,817	767	13	8,438	1,184	14	38,475	2,386	6	2,960	561	19
Estie	8,962	1,109	12	9,248	1,443	16	15,799	1,375	9	60,396	5,028	8	10,773	1,963	18
Dera	6,959	761	11	7,561	924	12	10,808	1,448	13	50,832	3,548	7	3,163	779	25
Debre Tabor	130	16	13	120	16	13	176	19	11	619	35	6	63	15	23
North Wollo Zone	48,150	3,010	6	43,427	2,598	6	75,931	3,704	5	285,072	10,887	4	17,954	1,905	11
Bugna	6,362	1,918	30	7,327	1,202	16	11,021	1,501	14	40,265	5,987	15	2,641	767	29
Kobo	8,631	1,294	15	5,873	1,076	18	13,192	1,590	12	46,132	4,401	10	3,558	905	25
Gidan	4,043	617	15	3,383	469	14	7,820	816	10	25,936	1,799	7	1,490	395	27
Meket	6,122	975	16	8,558	1,423	17	12,366	2,220	18	44,476	5,105	11	2,500	904	36
Wadla	4,253	581	14	4,142	505	12	6,123	662	11	26,758	1,633	6	1,671	390	23
Dawuntna Delanta	5,896	635	11	6,340	917	14	8,842	892	10	34,508	2,645	8	3,217	762	24
Guba Lafto	5,507	752	14	3,438	523	15	8,479	805	10	30,661	2,360	8	1,368	444	32
Habru	7,322	1,034	14	4,345	729	17	8,068	1,207	15	36,219	4,333	12	1,506	563	37
Weldia	13	4	33	21	5	26	22	6	27	117	12	10	2	1	70

Annex Table 7.2 – Female Cattle (Cont'd)

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
South Wollo Zone	82,511	2,685	3	69,298	2,610	4	115,822	3,394	3	449,423	9,381	2	23,914	2,069	9
Mekdela	4,811	475	10	4,655	574	12	5,988	696	12	31,005	2,126	7	644	274	43
Tenta	6,300	763	12	5,937	776	13	9,157	849	9	31,148	1,572	5	1,536	510	33
Kutaber	3,820	432	11	3,279	350	11	4,651	448	10	20,542	1,028	5	1,197	397	33
Ambasel	3,917	520	13	2,976	359	12	5,746	577	10	19,287	1,579	8	672	208	31
Tehuledere	3,963	405	10	2,522	303	12	5,552	431	8	18,862	830	4	1,296	394	30
Werebabu	4,027	624	15	3,105	547	18	4,702	444	9	20,290	2,080	10	841	218	26
Kalu	7,254	806	11	4,038	565	14	7,874	1,039	13	32,702	2,142	7	1,787	552	31
Dessie Zuria	9,951	1,352	14	9,035	1,421	16	16,992	1,331	8	56,458	4,895	9	3,218	994	31
Legambo	4,968	469	9	4,872	604	12	8,779	735	8	24,641	1,502	6	1,194	365	31
Sayint	8,012	825	10	7,390	1,043	14	11,475	1,190	10	44,731	3,488	8	2,016	427	21
Debresina	5,594	700	13	5,100	554	11	6,617	774	12	37,876	3,157	8	1,938	436	23
Kelala	7,115	855	12	5,359	731	14	9,225	1,690	18	35,799	3,667	10	3,605	1,127	31
Jama	3,665	468	13	3,229	380	12	5,214	553	11	22,309	1,047	5	1,030	332	32
Were Ilu	4,876	574	12	4,180	434	10	7,693	727	9	27,514	1,617	6	893	227	25
Wegde	4,122	493	12	3,487	519	15	5,982	546	9	25,452	1,528	6	2,023	557	28
Kombolcha	39	9	23	26	6	25	45	8	19	222	20	9	12	5	39
Dessie	78	13	17	107	17	16	132	18	14	585	52	9	11	5	41
North Shewa Zone	41,805	1,299	3	31,122	1,023	3	70,533	1,852	3	267,781	5,156	2	22,391	1,200	5
Middana Weremo	2,048	255	12	1,616	231	14	3,699	470	13	13,373	1,072	8	1,479	237	16
Merhabete	1,548	243	16	1,264	216	17	2,357	349	15	12,400	977	8	1,878	414	22
Insarona Wayu	2,313	387	17	1,936	316	16	3,996	493	12	16,778	1,551	9	1,448	274	19
Moretna Jiru	1,131	175	15	872	174	20	1,983	231	12	9,007	574	6	631	125	20
Gera Keya	3,819	462	12	3,414	382	11	6,642	603	9	25,208	1,511	6	1,825	354	19
Geshe	1,423	164	12	1,278	187	15	2,142	195	9	9,117	400	4	872	178	20
Antsokiya Gemza	1,078	226	21	856	149	17	1,674	253	15	7,283	980	13	186	73	40
Efratana Gidim	2,256	249	11	1,532	205	13	3,269	307	9	12,728	918	7	749	182	24
Lalo Midir	3,043	337	11	2,554	305	12	6,490	745	11	19,193	1,012	5	1,652	254	15
Mojana Wedera	1,563	194	12	1,200	177	15	3,295	315	10	9,314	634	7	901	180	20
Tarmaber	2,014	216	11	1,738	205	12	4,027	377	9	13,010	741	6	1,003	181	18
Kewet	3,639	451	12	1,908	268	14	4,742	534	11	16,393	1,225	7	1,425	308	22
Asagirt	2,069	169	8	1,099	110	10	2,591	214	8	10,924	580	5	564	95	17
Angolelana Tera	3,672	319	9	2,649	306	12	6,272	537	9	22,570	1,487	7	2,183	314	14
Ankober	2,121	276	13	1,863	208	11	3,377	294	9	13,200	875	7	212	75	36
Hagere Mariam	1,654	146	9	1,107	138	12	2,228	194	9	9,193	420	5	1,372	182	13
Berehet	784	60	8	640	81	13	1,279	110	9	5,184	198	4	183	39	21
Minjarna Shenkora	2,013	437	22	1,322	254	19	4,218	558	13	18,382	1,924	10	1,036	284	27
Debre Berhane	238	32	13	227	27	12	492	52	11	1,386	93	7	50	15	31
Basona Werana	3,381	452	13	2,045	305	15	5,758	603	10	23,139	2,605	11	2,742	687	25

Annex Table 7.2 – Female Cattle (Cont'd)

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
East Gojam Zone	53,778	2,065	4	43,179	1,980	5	82,330	2,794	3	368,730	9,712	3	31,292	2,139	7
Bibugn	2,604	414	16	2,989	465	16	5,322	719	14	16,153	1,923	12	2,311	541	23
Hulet Ej Enesie	5,361	677	13	4,253	650	15	9,543	1,165	12	41,851	4,595	11	3,371	768	23
Goncha Siso Enesie	3,313	505	15	2,156	334	16	4,289	510	12	22,709	2,107	9	1,159	299	26
Enebse Sar Midir	2,561	305	12	1,544	273	18	4,157	502	12	15,778	1,452	9	1,884	358	19
Enarj Enawga	3,086	330	11	4,254	644	15	5,499	560	10	24,477	2,027	8	986	295	30
Enemay	3,809	471	12	2,391	319	13	5,737	702	12	23,152	1,983	9	2,747	618	22
Debay Telatgen	3,134	384	12	2,793	506	18	4,653	479	10	21,007	2,057	10	1,558	410	26
Machakel	6,346	775	12	4,814	637	13	10,896	1,311	12	50,186	3,544	7	5,782	986	17
Gozamin	7,745	1,109	14	5,684	1,040	18	12,313	1,110	9	51,022	4,175	8	6,218	1,176	19
Baso Liben	3,157	369	12	2,771	276	10	6,227	699	11	28,484	1,422	5	1,414	342	24
Awabel	6,437	780	12	6,237	810	13	7,017	835	12	42,950	4,114	10	2,178	497	23
Dejen	3,467	392	11	1,848	257	14	3,581	414	12	16,297	1,048	6	1,010	313	31
Shebel Berenta	2,379	278	12	1,138	190	17	2,493	275	11	11,833	791	7	541	137	25
Debre Markos	380	36	10	308	31	10	603	51	8	2,831	175	6	133	27	20
West Gojam Zone	50,182	2,183	4	45,424	2,193	5	103,480	4,061	4	422,924	11,366	3	40,193	2,996	7
Achefer	9,024	933	10	7,294	999	14	16,277	1,602	10	68,585	4,870	7	8,363	2,019	24
Bahirdar Zuria	9,014	1,161	13	6,539	812	12	18,115	2,432	13	68,606	6,598	10	4,795	1,153	24
Yilmana Densa	5,054	717	14	4,442	796	18	11,449	1,029	9	43,776	3,023	7	3,721	780	21
Merawi	6,137	852	14	6,177	880	14	14,223	1,583	11	67,720	4,928	7	7,632	943	12
Sekela	3,210	386	12	2,695	467	17	7,618	830	11	27,416	2,194	8	1,484	353	24
Kuarit	3,025	345	11	2,618	362	14	5,033	597	12	22,239	1,526	7	2,980	513	17
Dega Damot	3,367	461	14	3,427	610	18	5,229	558	11	26,725	1,771	7	1,730	337	19
Dembecha	3,356	458	14	3,325	376	11	6,402	433	7	28,076	1,462	5	2,863	635	22
Jabi Tehnan	4,178	578	14	4,678	789	17	9,358	762	8	34,594	2,583	7	4,090	810	20
Bure Wemberma	3,818	532	14	4,230	506	12	9,776	1,521	16	35,188	3,070	9	2,532	715	28
Wag Hamra Zone	17,836	4,413	25	19,762	3,603	18	27,321	3,431	13	132,521	28,473	21	5,742	1,187	21
Zikuala	7,075	3,653	52	9,131	3,297	36	13,473	3,211	24	64,725	27,059	42	1,761	550	31
Sekota	7,067	2,361	33	7,557	1,373	18	8,656	1,049	12	46,732	8,726	19	1,469	427	29
Dehana	3,694	740	20	3,073	470	15	5,192	597	12	21,065	1,535	7	2,511	961	38
Awi Zone	26,973	1,848	7	25,933	1,643	6	58,009	2,745	5	220,898	8,268	4	16,001	1,531	10
Dangela	7,050	1,394	20	5,105	668	13	12,024	1,274	11	49,394	4,141	8	4,381	796	18
Banja	4,784	601	13	4,855	616	13	12,929	1,332	10	42,409	3,482	8	2,745	584	21
Ankasha	4,325	526	12	4,635	641	14	10,222	1,400	14	37,928	3,356	9	2,123	752	35
Guangua	6,770	801	12	7,357	1,116	15	13,983	1,356	10	56,952	5,031	9	2,875	643	22
Faggeta Lekoma	4,043	442	11	3,981	465	12	8,850	584	7	34,215	1,586	5	3,877	624	16
Oromia Zone	23,321	1,928	8	14,423	962	7	25,184	1,780	7	108,617	6,960	6	7,448	885	12
Chefegolana Dawerahimedo	7,986	1,587	20	5,228	560	11	9,038	1,440	16	42,591	5,995	14	1,667	352	21
Bati	6,058	798	13	3,995	651	16	6,622	722	11	26,034	2,563	10	1,393	357	26
Jile Tumuga	4,906	564	11	2,649	298	11	4,838	542	11	21,200	1,895	9	1,811	413	23
Artuma Fursi	4,372	493	11	2,552	313	12	4,686	530	11	18,792	1,533	8	2,578	600	23
Bahirdar Special Zone	642	75	12	438	61	14	761	104	14	3,004	288	10	309	85	28

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
Amhara Region	702,371	14,935	2	238,478	6,536	3	160,843	6,854	4	274,165	14,075	5
North Gonder Zone	70,509	4,402	6	17,734	1,388	8	12,620	1,014	8	20,489	2,629	13
Addi Arkay	2,226	874	39	359	131	36	567	275	48	1,477	789	53
Beyeda	8,719	1,068	12	3,969	607	15	2,468	312	13	3,604	605	17
Janamora	12,506	1,653	13	5,074	831	16	2,500	513	21	4,218	832	20
Debark	5,505	1,036	19	1,347	491	36	1,204	350	29	1,428	375	26
Dabat	3,970	737	19	990	307	31	311	118	38	470	138	29
Sanja	207	80	38	45	27	61	25	19	79	233	109	47
Lay Armacheho	1,769	557	32	224	119	53	154	83	54	448	305	68
Wegera	14,230	2,539	18	1,232	335	27	1,648	383	23	2,551	607	24
Gonder Zuria	7,642	1,843	24	1,032	336	33	635	246	39	1,188	388	33
Dembia	960	268	28	202	100	50	72	65	90	182	114	62
Chilga	1,881	511	27	545	184	34	575	210	37	197	103	53
Metema	744	319	43	221	64	29	67	37	55	125	50	40
Quara	119	57	48	62	36	59	39	24	60	69	46	67
Alefa	3,931	1,021	26	631	267	42	129	116	90	176	89	51
Belesa	5,910	1,219	21	1,672	392	23	2,074	416	20	4,053	2,100	52
Gonder	190	22	12	130	30	23	153	58	38	70	12	17
South Gonder Zone	71,189	4,557	6	18,764	1,734	9	7,210	838	12	11,032	1,103	10
Ebenat	4,118	688	17	1,438	379	26	717	304	42	1,389	326	24
Kemekem	4,882	919	19	919	305	33	905	306	34	1,024	519	51
Fogera	1,262	449	36	569	286	50	200	133	67	145	84	58
Farta	13,084	2,103	16	2,302	436	19	595	205	34	801	277	35
Lay Gayint	7,944	1,013	13	3,423	675	20	1,218	299	25	1,584	310	20
Tach Gayint	3,437	458	13	930	204	22	578	155	27	1,250	261	21
Simada	12,498	2,181	17	3,233	766	24	2,354	549	23	2,132	495	23
Estie	19,672	2,797	14	5,300	1,172	22	592	202	34	2,098	545	26
Dera	4,174	1,002	24	604	206	34	31	9	29	564	224	40
Debre Tabor	119	18	15	47	11	22	19	7	35	45	14	32
North Wollo Zone	71,575	6,508	9	29,885	3,118	10	18,560	2,015	11	36,417	4,128	11
Bugna	9,010	2,102	23	3,855	1,007	26	2,198	870	40	4,058	1,102	27
Kobo	1,540	522	34	450	212	47	712	217	30	528	365	69
Gidan	13,642	2,653	19	4,861	1,383	28	2,985	625	21	5,617	1,386	25
Meket	13,992	3,525	25	5,371	1,397	26	3,898	1,187	30	7,837	2,509	32
Wadla	12,658	2,133	17	5,619	1,070	19	3,020	677	22	6,429	1,153	18
Dawuntna Delanta	13,271	3,071	23	5,869	1,634	28	4,072	884	22	8,127	2,041	25
Guba Lafto	5,901	2,022	34	3,380	977	29	1,404	450	32	3,428	1,401	41
Habru	1,536	357	23	475	173	36	263	132	50	383	138	36
Weldia	24	6	24	6	3	51	7	4	57	10	4	35

Annex Table 7.3 – Male Sheep (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
South Wollo Zone	196,776	9,261	5	66,009	3,707	6	54,620	5,773	11	94,985	11,969	13
Mekdela	12,540	2,505	20	4,520	1,080	24	4,242	954	23	9,890	2,150	22
Tenta	21,992	3,553	16	8,818	1,891	21	8,591	2,916	34	12,443	2,661	21
Kutaber	9,894	1,569	16	3,874	856	22	2,762	541	20	4,049	829	20
Ambasel	7,564	954	13	3,484	683	20	2,435	464	19	4,896	1,340	27
Tehuledere	4,081	753	18	1,441	352	24	751	211	28	2,143	1,061	50
Werebabu	1,280	265	21	1,080	279	26	650	203	31	1,098	317	29
Kalu	1,794	362	20	783	194	25	725	295	41	1,617	536	33
Dessie Zuria	30,948	5,153	17	8,882	1,557	18	11,587	4,309	37	23,516	10,800	46
Legambo	25,465	2,302	9	8,469	1,089	13	8,356	1,421	17	11,235	1,807	16
Sayint	20,202	3,093	15	6,625	1,120	17	3,211	759	24	4,731	1,207	26
Debresina	16,647	2,943	18	5,086	1,276	25	2,316	583	25	3,863	824	21
Kelala	7,230	1,679	23	1,837	445	24	1,731	730	42	3,983	1,465	37
Jama	14,813	2,144	14	4,419	669	15	2,575	636	25	4,086	950	23
Were Ilu	19,112	2,138	11	6,022	620	10	4,346	888	20	6,755	1,557	23
Wegde	2,967	809	27	591	194	33	220	79	36	464	208	45
Kombolcha	38	8	21	26	10	36	40	12	31	37	9	24
Dessie	210	31	15	53	13	24	83	15	18	178	31	17
North Shewa Zone	112,441	4,529	4	48,710	2,485	5	39,644	2,148	5	68,868	4,470	6
Middana Weremo	713	207	29	436	225	52	98	46	46	180	73	41
Merhabete	491	134	27	233	116	50	344	117	34	227	87	38
Insarona Wayu	6,074	1,015	17	1,923	370	19	1,701	432	25	2,892	663	23
Moretna Jiru	2,030	598	29	892	250	28	683	202	30	2,047	722	35
Gera Keya	24,132	2,631	11	10,842	1,604	15	9,172	1,403	15	19,296	3,538	18
Geshe	8,039	801	10	3,500	390	11	2,118	306	14	5,059	552	11
Antsokiya Gemza	1,880	541	29	742	249	34	618	188	30	1,270	504	40
Efratana Gidim	2,423	484	20	935	186	20	818	213	26	1,139	301	26
Lalo Midir	11,347	1,709	15	5,361	801	15	5,981	919	15	9,082	1,521	17
Mojana Wedera	9,035	1,244	14	4,079	821	20	3,831	710	19	5,235	829	16
Tarmaber	2,836	671	24	1,735	360	21	920	151	16	1,157	289	25
Kewet	1,153	272	24	1,132	202	18	701	284	40	346	104	30
Asagirt	4,017	498	12	1,401	187	13	1,073	162	15	1,620	233	14
Angolelana Tera	12,489	1,132	9	2,698	309	11	2,013	306	15	3,663	498	14
Ankober	2,427	378	16	2,001	306	15	1,340	276	21	876	180	21
Hagere Mariam	4,816	675	14	1,354	200	15	1,520	236	16	2,511	429	17
Berehet	574	63	11	184	34	19	330	57	17	624	83	13
Minjarna Shenkora	2,694	517	19	1,881	454	24	680	163	24	1,972	603	31
Debre Berhane	711	93	13	401	54	14	390	56	14	709	98	14
Basona Werana	14,558	1,890	13	6,981	1,061	15	5,312	702	13	8,961	1,359	15
East Gojam Zone	74,517	3,726	5	15,943	1,288	8	9,328	838	9	18,097	1,369	8
Bibugn	6,735	1,286	19	1,553	276	18	1,317	298	23	1,401	330	24
Hulet Ej Enesie	8,408	1,333	16	1,892	459	24	1,211	411	34	2,059	490	24

Annex Table 7.3 – Male Sheep (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Goncha Siso Enesie	5,029	982	20	1,022	245	24	1,005	315	31	2,059	378	18
Enebse Sar Midir	1,816	406	22	561	175	31	443	152	34	356	122	34
Enarj Enawga	4,696	982	21	493	128	26	340	131	39	1,196	318	27
Enemay	3,758	698	19	837	201	24	420	160	38	963	203	21
Debay Telatgen	6,254	984	16	723	158	22	531	169	32	1,957	467	24
Machakel	10,586	1,371	13	3,609	782	22	1,427	311	22	2,063	477	23
Gozamin	14,341	1,648	11	2,344	656	28	1,044	300	29	2,618	552	21
Baso Liben	2,998	715	24	468	202	43	257	95	37	383	116	30
Awabel	6,450	1,200	19	1,096	243	22	718	181	25	2,121	654	31
Dejen	2,407	566	24	629	185	29	297	126	42	464	149	32
Shebel Berenta	622	180	29	462	149	32	167	70	42	292	92	32
Debre Markos	417	45	11	254	32	12	150	26	17	166	33	20
West Gojam Zone	55,782	3,303	6	22,143	1,663	8	8,893	920	10	8,957	884	10
Achefer	4,624	973	21	1,838	509	28	550	234	43	879	322	37
Bahirdar Zuria	1,574	571	36	1,169	370	32	90	72	80	192	96	50
Yilmana Densa	9,284	1,393	15	1,954	613	31	1,672	458	27	1,836	424	23
Merawi	4,289	956	22	2,293	555	24	1,041	309	30	636	366	58
Sekela	8,855	1,281	14	2,140	703	33	491	188	38	835	196	24
Kuarit	4,684	1,032	22	2,237	500	22	612	196	32	1,384	374	27
Dega Damot	9,860	1,503	15	2,087	378	18	1,365	309	23	1,237	274	22
Dembecha	2,876	617	21	2,512	486	19	1,380	426	31	871	171	20
Jabi Tehnan	2,902	739	25	2,314	390	17	819	190	23	536	212	40
Bure Wemberma	6,832	943	14	3,600	642	18	874	309	35	552	162	29
Wag Hamra Zone	8,064	1,911	24	5,311	1,386	26	4,766	1,188	25	8,590	2,559	30
Zikuala	2,115	620	29	1,435	380	27	1,905	512	27	2,293	716	31
Sekota	4,128	1,746	42	2,782	1,285	46	1,902	991	52	4,204	2,248	53
Dehana	1,821	467	26	1,094	351	32	959	410	43	2,093	990	47
Awi Zone	38,376	2,377	6	10,030	1,199	12	2,974	426	14	4,050	555	14
Dangela	5,114	1,165	23	4,228	1,024	24	1,154	285	25	722	265	37
Banja	12,478	1,294	10	1,646	351	21	244	81	33	900	262	29
Ankasha	8,306	1,054	13	1,424	319	22	376	163	43	878	293	33
Guangua	4,110	717	17	1,094	247	23	722	229	32	754	213	28
Faggeta Lekoma	8,367	995	12	1,639	322	20	478	121	25	795	194	24
Oromia Zone	2,835	412	15	3,526	589	17	2,021	326	16	2,418	444	18
Chefegolana Dawerahimedo	1,220	324	27	1,410	399	28	480	213	45	722	304	42
Bati	839	190	23	612	171	28	402	132	33	482	147	31
Jile Tumuga	377	123	33	764	321	42	385	114	30	227	102	45
Artuma Fursi	399	118	30	741	236	32	754	174	23	987	270	27
Bahirdar Special Zone	307	103	34	423	96	23	208	60	29	264	80	31

Annex Table 7.3 (Cont'd)

Female Sheep

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Amhara Region	730,689	16,236	2	339,578	9,385	3	401,189	11,246	3	2,473,016	50,892	2
North Gonder Zone	80,115	5,278	7	32,728	2,637	8	42,646	3,331	8	247,246	16,467	7
Addi Arkay	3,145	1,213	39	1,435	523	36	1,680	768	46	7,952	2,884	36
Beyeda	9,774	1,377	14	5,990	950	16	6,971	922	13	35,630	4,515	13
Janamora	15,911	2,449	15	6,889	1,699	25	8,730	1,668	19	48,334	7,072	15
Debark	6,657	1,321	20	3,212	808	25	3,954	1,032	26	24,547	4,868	20
Dabat	3,348	679	20	1,062	315	30	1,986	855	43	11,663	2,152	18
Sanja	655	235	36	135	62	46	93	45	49	755	195	26
Lay Armacheho	2,241	813	36	711	288	41	774	332	43	5,099	1,499	29
Wegera	16,119	2,629	16	4,056	876	22	7,194	1,647	23	47,622	7,253	15
Gonder Zuria	6,578	1,403	21	2,620	668	26	3,528	928	26	19,064	4,083	21
Dembia	1,226	304	25	583	298	51	1,136	488	43	4,525	1,058	23
Chilga	1,815	531	29	1,243	405	33	965	317	33	3,462	1,047	30
Metema	728	268	37	193	61	32	578	247	43	2,299	844	37
Quara	176	96	55	173	88	51	149	72	49	349	154	44
Alefa	3,659	1,129	31	2,088	522	25	2,888	891	31	7,563	1,801	24
Belesa	7,907	2,226	28	2,235	550	25	1,930	438	23	27,838	9,294	33
Gonder	174	25	14	105	21	20	90	17	19	543	53	10
South Gonder Zone	81,322	4,945	6	32,492	2,647	8	28,999	2,387	8	235,204	15,489	7
Ebenat	5,874	963	16	2,356	571	24	2,504	514	21	14,189	2,052	14
Kemekem	5,748	1,061	18	1,401	394	28	2,154	539	25	14,380	3,040	21
Fogera	1,483	682	46	270	137	51	468	196	42	3,211	1,283	40
Farta	13,002	1,490	11	5,603	888	16	5,664	1,266	22	39,389	4,837	12
Lay Gayint	11,376	1,394	12	4,189	680	16	4,811	1,166	24	34,950	4,624	13
Tach Gayint	3,808	530	14	1,518	374	25	1,714	311	18	11,245	1,363	12
Simada	13,941	2,307	17	5,261	1,149	22	4,721	936	20	36,493	7,192	20
Estie	21,427	3,263	15	10,074	1,836	18	5,035	927	18	66,973	10,746	16
Dera	4,545	1,233	27	1,768	652	37	1,872	558	30	13,985	3,311	24
Debre Tabor	118	21	18	53	13	24	57	16	27	389	41	10
North Wollo Zone	78,488	7,429	9	48,152	4,838	10	54,277	6,318	12	272,987	24,216	9
Bugna	7,838	2,015	26	5,119	1,524	30	5,633	1,738	31	26,341	4,774	18
Kobo	878	374	43	274	127	47	930	289	31	3,716	953	26
Gidan	15,691	3,319	21	8,849	2,058	23	10,251	2,803	27	53,118	10,771	20
Meket	14,435	4,113	29	10,197	2,521	25	10,518	2,928	28	49,395	11,548	23
Wadla	15,473	2,587	17	10,207	1,828	18	10,036	2,445	24	48,548	7,469	15
Dawuntna Delanta	14,563	3,152	22	7,390	1,862	25	9,385	3,213	34	56,262	13,463	24
Guba Lafto	7,855	2,469	31	5,096	1,886	37	6,286	1,976	31	29,796	8,643	29

Annex Table 7.3 – Female sheep (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Habru	1,736	575	33	1,013	336	33	1,225	416	34	5,742	1,265	22
Weldia	20	5	27	7	3	46	14	5	35	69	13	19
South Wollo Zone	197,105	9,351	5	91,793	5,502	6	111,712	6,301	6	676,248	29,576	4
Mekdela	13,980	2,710	19	7,753	1,954	25	6,944	1,525	22	45,933	9,296	20
Tenta	19,887	2,894	15	11,939	2,649	22	13,436	2,712	20	69,147	9,748	14
Kutaber	9,562	1,606	17	4,206	784	19	5,620	1,153	21	32,109	5,205	16
Ambasel	8,586	1,237	14	5,086	1,004	20	5,060	596	12	26,947	3,655	14
Tehuledere	3,500	630	18	2,236	597	27	2,761	603	22	12,969	1,973	15
Werebabu	796	245	31	369	119	32	1,055	312	30	3,026	660	22
Kalu	1,757	411	23	368	131	36	843	266	32	5,238	1,055	20
Dessie Zuria	29,252	5,005	17	10,626	2,364	22	13,650	2,793	20	99,481	15,077	15
Legambo	25,133	2,182	9	13,682	1,906	14	23,500	2,881	12	86,777	7,193	8
Sayint	19,043	2,845	15	7,420	1,205	16	7,627	1,484	19	66,192	11,077	17
Debresina	16,889	2,701	16	6,902	1,484	22	4,708	1,084	23	55,282	8,857	16
Kelala	11,196	3,096	28	3,733	1,053	28	3,958	974	25	31,701	8,212	26
Jama	15,076	2,376	16	6,502	1,272	20	8,012	1,948	24	52,709	6,930	13
Were Ilu	19,712	2,507	13	9,979	1,322	13	13,110	1,863	14	79,782	6,933	9
Wegde	2,537	520	20	900	262	29	1,329	330	25	8,206	1,921	23
Kombolcha	37	9	24	22	6	28	14	6	44	141	20	14
Dessie	162	27	16	68	15	22	84	17	20	608	75	12
North Shewa Zone	117,539	5,490	5	55,543	2,958	5	65,549	3,429	5	379,803	15,657	4
Middana Weremo	596	216	36	300	107	36	283	106	37	2,174	593	27
Merhabete	701	243	35	208	73	35	246	117	48	1,760	445	25
Insarona Wayu	6,438	978	15	2,885	537	19	1,968	388	20	26,464	4,169	16
Moretna Jiru	1,677	418	25	726	201	28	319	97	31	6,290	1,482	24
Gera Keya	28,187	3,503	12	14,453	2,043	14	13,880	2,146	15	80,441	9,359	12
Geshe	7,610	947	12	4,223	463	11	4,662	592	13	29,194	2,558	9
Antsokiya Gemza	1,964	680	35	996	440	44	878	254	29	6,844	2,273	33
Efratana Gidim	1,886	463	25	316	95	30	1,071	265	25	5,542	1,015	18
Lalo Midir	13,426	2,130	16	6,110	883	14	7,927	1,272	16	42,747	6,147	14
Mojana Wedera	9,654	1,503	16	4,855	978	20	6,796	1,206	18	27,810	3,989	14
Tarmaber	2,330	609	26	1,333	303	23	1,544	303	20	8,312	1,908	23
Kewet	996	250	25	499	149	30	795	250	31	3,806	740	19
Asagirt	3,944	545	14	1,995	271	14	2,359	371	16	12,754	1,516	12
Angolelana Tera	14,313	1,388	10	5,113	532	10	7,407	727	10	42,118	3,723	9
Ankober	1,275	281	22	715	151	21	1,105	236	21	6,164	1,330	22
Hagere Mariam	4,921	701	14	2,103	339	16	2,787	386	14	13,321	1,797	13
Berehet	456	61	13	257	55	22	325	50	15	1,982	150	8
Minjarna Shenkora	1,640	514	31	1,174	302	26	1,266	306	24	8,851	1,728	20
Debre Berhane	581	76	13	380	58	15	345	56	16	2,393	261	11
Basona Werana	14,947	2,183	15	6,902	1,171	17	9,586	1,510	16	50,834	6,524	13
East Gojam Zone	80,818	4,227	5	34,156	2,145	6	38,479	2,785	7	319,991	13,719	4

Annex Table 7.3 – Female Sheep (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Bibugn	6,888	1,084	16	3,478	806	23	5,038	1,365	27	24,877	3,160	13
Hulet Ej Enesie	9,978	1,381	14	3,483	643	18	4,102	649	16	39,910	5,549	14
Goncha Siso Enesie	6,620	1,058	16	2,167	411	19	2,642	825	31	25,950	3,467	13
Enebse Sar Midir	1,944	489	25	1,252	394	31	1,130	432	38	8,103	2,007	25
Enarj Enawga	3,980	771	19	1,438	349	24	2,642	554	21	20,459	3,716	18
Enemay	4,736	745	16	2,075	499	24	2,271	435	19	17,128	2,377	14
Debay Telatgen	7,200	1,311	18	3,174	734	23	1,989	416	21	30,409	3,254	11
Machakel	9,585	1,650	17	4,741	588	12	4,662	855	18	36,733	4,687	13
Gozamin	14,678	2,292	16	6,844	1,166	17	7,583	1,539	20	63,877	6,948	11
Baso Liben	3,832	707	18	1,757	421	24	1,562	367	23	12,106	2,108	17
Awabel	7,491	1,269	17	2,088	570	27	3,309	777	23	30,490	4,987	16
Dejen	2,814	652	23	927	259	28	937	272	29	6,456	1,230	19
Shebel Berenta	785	210	27	512	178	35	278	76	27	2,404	519	22
Debre Markos	286	31	11	219	30	14	334	133	40	1,090	90	8
West Gojam Zone	45,429	2,572	6	23,022	1,685	7	29,539	2,198	7	179,115	9,648	5
Achefer	4,266	854	20	2,481	570	23	2,686	616	23	13,241	2,456	19
Bahirdar Zuria	2,393	772	32	670	307	46	1,305	389	30	6,936	2,089	30
Yilmana Densa	6,785	955	14	3,584	856	24	3,340	830	25	31,972	4,041	13
Merawi	3,588	671	19	2,699	440	16	3,031	642	21	11,176	2,157	19
Sekela	6,522	1,001	15	2,675	645	24	4,030	664	16	33,078	3,997	12
Kuarit	3,695	638	17	1,797	397	22	3,747	697	19	19,056	4,027	21
Dega Damot	7,820	1,061	14	3,264	538	16	5,005	1,168	23	36,571	4,554	12
Dembecha	2,687	613	23	703	165	23	936	287	31	6,730	1,441	21
Jabi Tehnan	2,169	474	22	1,064	324	30	1,423	401	28	6,769	1,599	24
Bure Wemberma	5,503	892	16	4,084	706	17	4,035	814	20	13,586	2,031	15
Wag Hamra Zone	9,872	2,934	30	6,594	1,653	25	9,437	1,857	20	33,694	6,361	19
Zikuala	2,287	596	26	1,988	692	35	3,307	860	26	11,580	2,784	24
Sekota	5,889	2,831	48	3,586	1,451	40	3,132	1,451	46	13,768	5,325	39
Dehana	1,697	488	29	1,019	385	38	2,999	776	26	8,346	2,085	25
Awi Zone	37,543	2,297	6	13,932	1,201	9	19,234	1,491	8	122,426	7,077	6
Dangela	3,293	617	19	1,840	441	24	2,683	535	20	6,784	1,132	17
Banja	13,037	1,157	9	4,188	649	15	5,209	638	12	49,167	4,282	9
Ankasha	8,430	1,237	15	3,192	545	17	5,006	907	18	26,130	3,604	14
Guangua	4,229	664	16	1,916	476	25	1,990	489	25	11,970	1,719	14
Faggeta Lekoma	8,555	1,260	15	2,797	552	20	4,347	685	16	28,375	3,811	13
Oromia Zone	2,255	427	19	975	253	26	1,134	236	21	5,806	858	15
Chefegolana Dawerahimedo	665	278	42	437	192	44	81	49	60	2,333	529	23
Bati	1,175	303	26	440	159	36	749	206	28	2,134	616	29
Jile Tumuga	296	107	36	51	33	65	238	97	41	745	212	28
Artuma Fursi	119	46	39	46	26	56	66	38	58	594	179	30
Bahirdar Special Zone	203	44	22	192	77	40	183	81	44	497	114	23

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
Amhara Region	507,609	12,393	2	226,339	7,631	3	186,101	6,734	4	344,041	30,486	9
North Gonder Zone	97,801	4,708	5	39,302	2,287	6	30,476	2,016	7	47,212	3,781	8
Addi Arkay	10,894	1,539	14	3,512	578	16	4,388	885	20	5,146	1,148	22
Beyeda	4,590	1,247	27	2,184	507	23	2,193	654	30	2,341	839	36
Janamora	5,728	1,229	21	2,072	550	27	1,844	630	34	1,906	580	30
Debark	5,067	888	18	2,001	358	18	1,360	329	24	3,695	1,079	29
Dabat	4,546	843	19	2,671	641	24	1,452	317	22	2,225	641	29
Sanja	9,812	1,298	13	5,253	943	18	4,185	853	20	8,173	1,468	18
Lay Armacheho	6,252	842	13	2,033	316	16	1,197	276	23	1,821	476	26
Wegera	6,945	1,527	22	1,402	324	23	1,511	561	37	2,400	672	28
Gonder Zuria	6,232	857	14	2,609	490	19	1,439	358	25	2,033	542	27
Dembia	715	307	43	272	121	44	14	8	55	317	148	47
Chilga	9,205	1,361	15	3,308	602	18	1,986	405	20	2,412	835	35
Metema	3,334	510	15	1,922	319	17	1,030	226	22	2,188	566	26
Quara	3,268	446	14	1,613	300	19	1,123	221	20	2,614	662	25
Alefa	10,400	1,864	18	3,983	1,048	26	2,341	606	26	2,494	880	35
Belesa	10,747	1,972	18	4,440	893	20	4,407	609	14	7,442	2,231	30
Gonder	66	12	18	28	8	29	5	3	58	5	3	58
South Gonder Zone	64,140	4,033	6	27,108	2,484	9	20,426	2,128	10	31,209	3,508	11
Ebenat	11,078	1,136	10	4,749	808	17	3,972	610	15	5,639	983	17
Kemekem	5,283	918	17	1,291	266	21	1,203	329	27	2,201	404	18
Fogera	4,270	1,104	26	1,940	584	30	925	325	35	1,821	667	37
Farta	6,874	1,098	16	2,474	674	27	750	236	31	1,801	491	27
Lay Gayint	4,794	1,220	25	2,223	920	41	1,968	579	29	3,865	2,517	65
Tach Gayint	4,896	851	17	1,908	356	19	999	200	20	2,747	545	20
Simada	13,843	2,383	17	7,279	1,574	22	6,421	1,460	23	9,032	1,748	19
Estie	9,305	1,771	19	3,746	978	26	3,675	1,149	31	3,377	811	24
Dera	3,777	824	22	1,484	492	33	512	244	48	727	385	53
Debre Tabor	21	10	47	15	8	52	2	2	100	-	-	-
North Wollo Zone	59,499	3,917	7	24,027	2,206	9	19,116	2,100	11	28,623	2,667	9
Bugna	10,554	1,664	16	5,812	1,115	19	3,927	806	21	5,746	1,044	18
Kobo	9,330	1,169	13	2,054	470	23	2,238	573	26	2,617	859	33
Gidan	4,721	758	16	2,616	354	14	2,104	468	22	3,322	693	21
Meket	7,698	1,447	19	4,510	1,304	29	3,105	1,125	36	4,756	1,195	25
Wadla	2,964	485	16	1,551	379	24	945	280	30	2,019	641	32
Dawuntna Delanta	9,415	2,309	25	2,804	909	32	4,039	1,268	31	6,146	1,563	25
Guba Lafto	7,314	1,220	17	2,315	492	21	1,484	353	24	2,457	516	21
Habru	7,500	1,218	16	2,366	604	26	1,274	365	29	1,560	507	32
Weldia	4	3	75	-	-	-	-	-	-	1	1	100

Annex Table 7.4 – Male Goats (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
South Wollo Zone	98,297	5,461	6	42,626	2,815	7	39,018	2,917	7	62,248	4,887	8
Mekdela	5,368	1,421	26	2,699	575	21	3,408	816	24	7,427	2,677	36
Tenta	8,088	1,622	20	3,494	808	23	3,144	916	29	5,953	1,574	26
Kutaber	5,674	1,043	18	2,422	585	24	2,423	555	23	4,667	961	21
Ambasel	6,795	1,036	15	2,801	498	18	2,906	529	18	4,824	928	19
Tehuledere	4,281	863	20	1,215	262	22	799	267	33	1,151	352	31
Werebabu	4,037	692	17	1,866	457	24	1,304	319	24	1,458	283	19
Kalu	10,498	1,510	14	3,845	738	19	3,019	798	26	5,970	1,637	27
Dessie Zuria	13,791	2,958	21	6,184	1,415	23	3,139	702	22	4,910	1,278	26
Legambo	3,490	616	18	1,945	414	21	1,947	437	22	2,009	568	28
Sayint	15,027	2,524	17	7,587	1,432	19	7,870	1,773	23	11,436	2,480	22
Debresina	4,248	1,083	25	1,788	685	38	1,895	582	31	3,331	586	18
Kelala	6,475	922	14	2,092	416	20	3,115	749	24	4,200	707	17
Jama	2,382	600	25	1,127	275	24	977	277	28	1,614	508	31
Were Ilu	3,149	869	28	1,763	508	29	1,899	832	44	1,118	439	39
Wegde	4,929	928	19	1,766	575	33	1,164	336	29	2,147	418	19
Kombolcha	32	10	31	14	6	41	5	3	61	6	3	53
Dessie	32	14	44	19	8	44	4	3	77	27	13	48
North Shewa Zone	63,239	2,246	4	35,230	1,557	4	36,509	1,482	4	70,467	2,718	4
Middana Weremo	2,415	340	14	989	170	17	1,051	218	21	1,564	271	17
Merhabete	2,576	441	17	1,283	264	21	1,508	242	16	2,995	552	18
Insarona Wayu	1,850	437	24	640	173	27	1,040	314	30	2,197	512	23
Moretna Jiru	2,202	395	18	1,172	269	23	1,243	262	21	2,745	410	15
Gera Keya	5,309	760	14	2,780	607	22	2,077	391	19	5,016	808	16
Geshe	2,961	393	13	1,281	218	17	1,641	283	17	3,312	509	15
Antsokiya Gemza	1,718	266	15	699	139	20	727	159	22	1,043	186	18
Efratana Gidim	2,684	454	17	1,469	237	16	1,373	289	21	2,611	542	21
Lalo Midir	3,790	686	18	2,439	504	21	1,998	377	19	5,146	1,124	22
Mojana Wedera	2,390	262	11	2,025	253	12	2,118	281	13	2,937	401	14
Tarmaber	4,776	408	9	2,832	370	13	3,290	365	11	5,405	503	9
Kewet	4,725	574	12	3,023	515	17	2,969	462	16	3,587	488	14
Asagirt	2,970	378	13	2,122	251	12	2,291	314	14	4,300	483	11
Angolelana Tera	1,468	287	20	690	206	30	620	169	27	1,022	304	30
Ankober	6,076	723	12	3,642	408	11	4,248	441	10	6,604	774	12
Hagere Mariam	3,042	330	11	1,631	220	13	1,911	224	12	4,351	466	11
Berehet	1,417	111	8	1,057	108	10	1,066	100	9	2,189	158	7
Minjarna Shenkora	5,756	943	16	2,782	705	25	1,961	474	24	6,706	1,098	16
Debre Berhane	2	3	103	21	9	42	12	8	62	13	9	65
Basona Werana	5,109	766	15	2,651	429	16	3,364	638	19	6,724	1,027	15
East Gojam Zone	28,469	2,328	8	11,887	1,376	12	6,938	879	13	15,884	1,912	12
Bibugn	1,399	301	22	920	226	25	511	165	32	1,074	276	26

Annex Table 7.4 – Male Goats (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Hulet Ej Enesie	5,507	1,329	24	1,919	922	48	1,328	516	39	2,777	1,445	52
Goncha Siso Enesie	1,571	470	30	1,395	471	34	530	189	36	1,570	499	32
Enebse Sar Midir	3,974	497	13	1,484	385	26	719	198	28	2,649	557	21
Enarj Enawga	3,248	888	27	911	362	40	967	435	45	1,802	631	35
Enemay	1,345	550	41	338	166	49	298	150	50	645	311	48
Debay Telatgen	393	221	56	297	189	64	71	73	104	223	134	60
Machakel	1,887	637	34	270	156	58	305	149	49	245	116	48
Gozamin	1,708	820	48	680	314	46	747	315	42	485	224	46
Baso Liben	3,316	729	22	1,323	369	28	372	118	32	1,222	317	26
Awabel	1,047	336	32	634	284	45	333	141	42	1,007	361	36
Dejen	1,755	388	22	695	210	30	463	135	29	1,312	296	23
Shebel Berenta	1,319	284	22	1,017	214	21	291	112	38	870	192	22
Debre Markos	-	-	-	2	2	94	2	2	85	4	4	94
West Gojam Zone	26,803	2,488	9	12,411	1,284	10	7,554	1,246	16	10,862	1,794	17
Achefer	6,052	1,228	20	2,091	564	27	1,003	297	30	3,399	1,286	38
Bahirdar Zuria	3,354	680	20	1,840	466	25	1,448	614	42	1,297	531	41
Yilmana Densa	5,681	1,465	26	3,108	752	24	2,510	921	37	2,756	945	34
Merawi	2,481	860	35	1,346	501	37	600	222	37	328	161	49
Sekela	2,383	649	27	704	239	34	520	163	31	623	197	32
Kuarit	964	315	33	590	233	40	421	209	50	333	141	42
Dega Damot	2,009	482	24	678	249	37	437	293	67	1,103	483	44
Dembecha	960	214	22	637	175	28	97	47	48	163	89	55
Jabi Tehnan	1,775	490	28	933	230	25	467	171	37	515	179	35
Bure Wemberma	1,145	544	48	485	200	41	51	46	90	345	183	53
Wag Hamra Zone	34,278	6,909	20	21,335	5,199	24	18,116	4,329	24	67,372	29,271	43
Zikuala	16,668	5,775	35	11,984	4,658	39	11,345	4,086	36	50,332	28,743	57
Sekota	12,483	3,718	30	7,172	2,221	31	4,627	1,317	28	12,712	5,479	43
Dehana	5,127	753	15	2,180	626	29	2,144	560	26	4,329	804	19
Awi Zone	14,470	1,410	10	6,039	693	11	3,386	510	15	4,702	627	13
Dangela	2,938	652	22	1,532	423	28	806	306	38	1,188	416	35
Banja	676	183	27	391	137	35	308	145	47	345	144	42
Ankasha	2,999	704	23	1,025	334	33	494	163	33	1,146	314	27
Guangua	4,849	772	16	2,011	345	17	1,410	312	22	1,411	267	19
Faggeta Lekoma	3,009	660	22	1,080	229	21	369	144	39	611	170	28
Oromia Zone	20,559	1,903	9	6,335	752	12	4,507	560	12	5,457	578	11
Chefegolana Dawerahimedo	6,895	1,555	23	2,444	606	25	1,472	408	28	1,639	356	22
Bati	6,001	728	12	1,432	230	16	1,298	233	18	1,804	322	18
Jile Tumuga	4,094	497	12	1,650	345	21	804	192	24	886	207	23
Artuma Fursi	3,570	654	18	809	159	20	932	237	25	1,128	246	22
Bahirdar Special Zone	54	29	53	38	32	86	55	25	46	4	5	101

Annex Table 7.4 (Cont'd)

Female Goats

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Amhara Region	526,309	13,534	3	263,286	8,721	3	320,164	9,592	3	1,442,010	59,480	4
North Gonder Zone	104,227	5,272	5	47,005	2,615	6	62,666	3,556	6	253,574	11,395	4
Addi Arkay	10,842	1,881	17	5,543	817	15	6,192	750	12	28,082	4,207	15
Beyeda	3,836	935	24	2,058	490	24	3,066	656	21	14,279	2,669	19
Janamora	6,985	1,401	20	2,428	702	29	4,500	1,128	25	15,261	2,708	18
Debark	6,207	1,230	20	3,123	763	24	2,917	698	24	14,701	2,626	18
Dabat	4,616	885	19	1,769	404	23	2,238	605	27	10,858	1,690	16
Sanja	12,177	1,832	15	6,641	1,193	18	6,109	1,106	18	26,363	3,056	12
Lay Armacheho	4,590	546	12	2,091	318	15	2,880	517	18	12,597	1,581	13
Wegera	6,573	1,605	24	1,540	327	21	2,491	627	25	15,490	3,422	22
Gonder Zuria	6,157	1,041	17	2,351	441	19	4,048	776	19	14,025	1,992	14
Dembia	704	295	42	412	149	36	469	137	29	2,523	537	21
Chilga	10,373	2,223	21	4,454	981	22	5,658	1,589	28	18,068	2,465	14
Metema	3,704	563	15	3,017	505	17	2,707	419	15	11,961	1,790	15
Quara	2,933	401	14	2,214	382	17	3,326	709	21	9,171	1,060	12
Alefa	11,973	1,873	16	5,262	1,041	20	7,777	1,547	20	22,596	3,495	15
Belesa	12,475	1,672	13	4,058	632	16	8,271	1,193	14	37,410	6,124	16
Gonder	80	17	21	43	12	27	17	6	34	188	26	14
South Gonder Zone	67,245	4,567	7	30,670	2,806	9	39,245	3,758	10	158,932	10,488	7
Ebenat	11,394	1,685	15	3,706	754	20	5,898	1,139	19	23,736	2,413	10
Kemekem	6,240	971	16	2,297	545	24	2,485	594	24	13,373	1,804	13
Fogera	4,246	1,197	28	2,133	576	27	2,369	621	26	10,164	2,508	25
Farta	6,520	1,053	16	3,812	887	23	4,037	930	23	15,044	1,987	13
Lay Gayint	6,070	2,223	37	2,451	868	35	3,234	1,444	45	18,958	7,083	37
Tach Gayint	4,906	899	18	2,285	353	15	2,819	444	16	12,107	1,790	15
Simada	12,233	1,962	16	8,070	2,074	26	11,793	2,733	23	28,796	4,325	15
Estie	11,055	1,911	17	4,282	683	16	4,487	985	22	26,481	3,806	14
Dera	4,571	1,135	25	1,630	494	30	2,116	704	33	10,226	2,030	20
Debre Tabor	11	5	46	4	3	73	7	5	71	46	18	38
North Wollo Zone	60,765	4,134	7	32,123	2,461	8	36,147	3,033	8	168,984	9,585	6
Bugna	11,766	2,002	17	6,373	1,027	16	4,524	1,018	23	31,432	4,558	15
Kobo	10,250	1,636	16	3,826	546	14	5,284	830	16	26,530	3,478	13
Gidan	6,040	806	13	3,457	654	19	4,179	684	16	15,696	1,831	12
Meket	6,945	1,408	20	5,355	1,010	19	8,203	1,958	24	22,363	3,493	16
Wadla	2,980	564	19	1,773	380	21	2,338	431	18	8,580	1,222	14
Dawuntna Delanta	8,394	2,088	25	4,745	1,504	32	4,799	1,367	28	23,368	4,794	21
Guba Lafto	7,162	1,252	17	3,783	659	17	4,135	937	23	22,606	3,435	15
Habru	7,229	1,237	17	2,809	644	23	2,685	491	18	18,406	2,676	15
Weldia	-	-	-	1	1	100	-	-	-	4	3	73

Annex Table 7.4 – Female Goats (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
South Wollo Zone	100,733	6,070	6	46,976	2,747	6	59,842	3,740	6	270,805	14,344	5
Mekdela	5,623	1,143	20	3,131	775	25	4,033	969	24	15,214	2,851	19
Tenta	7,125	1,329	19	3,754	747	20	4,380	997	23	21,775	4,642	21
Kutaber	5,385	995	18	2,040	512	25	3,218	681	21	17,419	2,847	16
Ambasel	6,442	1,192	19	3,911	750	19	4,666	806	17	22,539	3,174	14
Tehuledere	3,894	873	22	2,204	553	25	2,178	500	23	7,961	1,557	20
Werebabu	4,412	621	14	2,774	494	18	3,647	620	17	9,725	1,219	13
Kalu	9,199	1,110	12	3,840	794	21	6,365	1,128	18	25,173	3,267	13
Dessie Zuria	17,203	3,383	20	6,307	973	15	10,156	2,088	21	40,995	8,109	20
Legambo	2,591	541	21	2,212	393	18	2,585	556	22	6,465	1,160	18
Sayint	16,023	3,516	22	6,965	1,322	19	7,488	1,735	23	42,995	7,223	17
Debresina	3,932	1,003	26	1,625	448	28	2,012	445	22	13,870	2,703	19
Kelala	6,544	938	14	3,185	716	22	3,666	631	17	18,271	2,374	13
Jama	2,690	659	25	923	330	36	1,143	287	25	6,726	1,454	22
Were Ilu	4,053	1,321	33	1,610	611	38	2,527	708	28	9,150	2,225	24
Wegde	5,546	903	16	2,471	583	24	1,758	416	24	12,344	2,006	16
Kombolcha	30	9	29	14	6	41	9	4	47	97	20	20
Dessie	40	15	37	10	7	67	11	8	68	88	29	33
North Shewa Zone	62,891	2,375	4	31,918	1,403	4	40,569	1,821	4	176,608	6,143	3
Middana Weremo	2,666	353	13	1,238	228	18	1,278	272	21	6,764	715	11
Merhabete	3,549	644	18	2,225	362	16	1,243	329	26	9,456	1,284	14
Insarona Wayu	1,676	441	26	1,021	281	28	1,197	445	37	7,107	1,696	24
Moretna Jiru	2,679	527	20	1,121	271	24	1,190	296	25	7,182	1,028	14
Gera Keya	5,442	720	13	2,610	567	22	2,545	482	19	13,754	1,899	14
Geshe	2,629	344	13	1,469	261	18	1,518	298	20	9,734	1,122	12
Antsokiya Gemza	2,087	302	14	906	172	19	1,011	179	18	6,426	779	12
Efratana Gidim	2,758	474	17	1,507	256	17	1,677	266	16	7,765	1,037	13
Lalo Midir	3,914	685	18	1,734	353	20	2,669	534	20	9,474	1,520	16
Mojana Wedera	2,514	319	13	1,628	217	13	1,970	245	12	6,747	591	9
Tarmaber	4,848	464	10	2,799	352	13	3,171	385	12	11,991	937	8
Kewet	3,447	446	13	2,139	336	16	3,730	532	14	11,115	1,188	11
Asagirt	3,574	458	13	1,548	217	14	2,675	359	13	8,511	1,038	12
Angolelana Tera	1,181	302	26	535	139	26	1,074	251	23	2,584	598	23
Ankober	4,954	579	12	2,334	344	15	3,575	432	12	13,910	1,448	10
Hagere Mariam	3,086	315	10	1,512	210	14	1,965	269	14	8,670	788	9
Berehet	1,363	121	9	1,042	99	10	1,011	103	10	5,211	256	5
Minjarna Shenkora	5,115	1,151	23	2,008	575	29	4,301	997	23	16,740	3,570	21
Debre Berhane	13	7	56	7	6	86	7	6	78	40	15	37
Basona Werana	5,398	786	15	2,535	413	16	2,763	436	16	13,428	1,783	13
East Gojam Zone	28,929	2,474	9	15,274	1,388	9	17,393	1,696	10	90,988	6,502	7

Annex Table 7.4 – Female Goats (Cont'd)

Geographic Area	<6MONTHS			6MONTHS - <1YEAR			1-<2YEARS			2 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Bibugn	1,511	322	21	680	165	24	785	254	32	4,739	824	17
Hulet Ej Enesie	4,774	1,397	29	2,447	702	29	3,353	1,064	32	14,062	3,832	27
Goncha Siso Enesie	2,373	779	33	1,131	398	35	1,516	529	35	7,707	1,784	23
Enebse Sar Midir	5,097	835	16	1,802	452	25	2,816	527	19	14,165	1,951	14
Enarj Enawga	3,639	1,124	31	1,991	575	29	1,496	542	36	11,268	2,700	24
Enemay	1,069	499	47	588	278	47	382	147	38	4,575	1,910	42
Debay Telatgen	885	401	45	411	238	58	143	92	64	2,341	973	42
Machakel	1,203	403	33	687	263	38	902	270	30	3,814	1,222	32
Gozamin	1,123	497	44	847	381	45	1,839	628	34	4,657	1,433	31
Baso Liben	2,669	486	18	1,826	390	21	1,011	247	24	9,521	1,408	15
Awabel	1,200	489	41	990	326	33	972	297	31	4,598	1,237	27
Dejen	1,706	370	22	850	211	25	1,192	368	31	4,571	732	16
Shebel Berenta	1,680	261	16	1,023	251	25	985	218	22	4,961	663	13
Debre Markos	-	-	-	-	-	-	-	-	-	9	8	85
West Gojam Zone	26,993	2,735	10	12,915	1,495	12	15,571	1,835	12	68,686	5,698	8
Achefer	6,592	1,221	19	1,949	549	28	2,908	762	26	16,683	3,022	18
Bahirdar Zuria	3,737	835	22	2,672	619	23	2,825	696	25	8,877	1,520	17
Yilmana Densa	6,551	1,878	29	3,476	968	28	3,446	1,206	35	16,094	3,544	22
Merawi	2,268	864	38	836	341	41	1,253	385	31	6,568	2,029	31
Sekela	1,691	514	30	553	172	31	922	219	24	6,032	1,263	21
Kuarit	899	246	27	761	223	29	897	394	44	2,983	644	22
Dega Damot	1,770	426	24	776	224	29	694	235	34	5,570	1,135	20
Dembecha	844	241	29	290	93	32	719	177	25	1,624	403	25
Jabi Tehnan	1,468	517	35	711	196	28	938	415	44	2,418	687	28
Bure Wemberma	1,173	435	37	891	565	63	967	486	50	1,837	644	35
Wag Hamra Zone	39,823	7,475	19	29,560	6,299	21	32,171	5,530	17	175,082	53,525	31
Zikuala	19,577	5,624	29	18,458	5,470	30	18,278	4,914	27	104,753	50,751	48
Sekota	14,829	4,807	32	9,031	3,093	34	9,104	2,366	26	50,193	16,812	33
Dehana	5,417	1,066	20	2,070	443	21	4,789	917	19	20,136	2,586	13
Awi Zone	13,477	1,343	10	8,491	1,073	13	5,822	764	13	35,572	2,992	8
Dangela	2,238	557	25	2,254	712	32	1,566	415	26	6,914	1,343	19
Banja	1,168	343	29	651	219	34	637	332	52	2,207	601	27
Ankasha	2,872	734	26	1,367	440	32	744	242	33	7,090	1,547	22
Guangua	4,733	765	16	2,506	431	17	2,004	426	21	12,292	1,631	13
Faggeta Lekoma	2,467	503	20	1,714	466	27	871	248	28	7,069	1,318	19
Oromia Zone	21,111	1,911	9	8,284	881	11	10,714	1,151	11	42,623	3,744	9
Chefegolana Dawerahimedo	7,293	1,557	21	2,878	720	25	4,035	825	20	15,291	3,337	22
Bati	6,834	863	13	2,822	358	13	3,613	609	17	12,276	1,250	10
Jile Tumuga	3,967	459	12	1,342	263	20	1,760	334	19	8,654	800	9
Artuma Fursi	3,018	521	17	1,242	246	20	1,307	404	31	6,402	825	13
Bahirdar Special Zone	116	51	44	70	31	44	24	13	54	157	53	34

Annex Table 7.5- Estimates of Horses, 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
Amhara Region	35,776	1,855	5	99,480	4,661	5	38,313	2,109	6	132,873	5,674	4
North Gonder Zone	5,695	648	11	13,475	1,411	10	5,297	651	12	13,769	1,482	11
Addi Arkay	96	71	74	400	251	63	161	87	54	427	246	58
Beyeda	389	120	31	747	192	26	420	116	28	1,139	288	25
Janamora	740	201	27	1,847	416	22	701	201	29	1,895	480	25
Debark	1,454	383	26	4,563	1,047	23	1,402	411	29	3,390	926	27
Dabat	917	279	30	1,712	395	23	720	224	31	1,681	460	27
Sanja	-	-	-	3	3	100	-	-	-	-	-	-
Lay Armacheho	149	92	62	223	102	46	62	45	72	239	116	48
Wegera	1,501	301	20	3,371	657	19	1,452	321	22	4,127	784	19
Gonder Zuria	438	190	43	280	114	41	379	194	51	806	347	43
Dembia	-	-	-	4	3	77	-	-	-	63	63	100
Chilga	-	-	-	8	3	41	-	-	-	-	-	-
Metema	-	-	-	151	83	55	-	-	-	-	-	-
Quara	-	-	-	-	-	-	-	-	-	-	-	-
Alefa	-	-	-	3	3	100	-	-	-	-	-	-
Belesa	-	-	-	102	70	69	-	-	-	-	-	-
Gonder	12	5	43	61	13	22	-	-	-	-	-	-
South Gonder Zone	1,621	471	29	9,580	1,900	20	2,736	758	28	2	2	100
Ebenat	55	55	100	-	-	-	-	-	-	9,332	1,690	18
Kemekem	43	42	100	46	43	92	599	256	43	545	203	37
Fogera	-	-	-	60	60	100	-	-	-	1,073	438	41
Farta	279	181	65	3,957	1,527	39	466	221	48	-	-	-
Lay Gayint	652	281	43	2,342	739	32	548	242	44	1,627	700	43
Tach Gayint	-	-	-	110	74	67	-	-	-	1,818	671	37
Simada	65	64	97	755	265	35	-	-	-	64	43	67
Estie	526	318	61	2,212	805	36	1,121	633	57	271	154	57
Dera	-	-	-	76	72	96	-	-	-	3,630	1,272	35
Debre Tabor	1	1	100	24	7	28	2	1	70	302	196	65
North Wollo Zone	5,831	990	17	6,027	1,084	18	5,188	1,208	23	2	1	70
Bugna	-	-	-	-	-	-	58	58	101	14,981	2,820	19
Kobo	-	-	-	1	2	118	-	-	-	58	58	101
Gidan	225	173	77	61	61	99	245	224	91	-	-	-
Meket	1,830	627	34	2,318	902	39	2,322	1,048	45	1,265	882	70
Wadla	2,436	598	25	2,472	508	21	1,915	467	24	5,639	2,300	41
Dawuntna Delanta	866	309	36	935	270	29	406	244	60	5,586	1,194	21
Guba Lafto	474	322	68	216	167	77	241	174	72	1,529	486	32
Habru	-	-	-	15	7	47	-	-	-	768	459	60
										137	97	71

Annex Table 7.5 (Cont'd)

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Weldia	-	-	-	8	4	51	-	-	-	-	-	-
South Wollo Zone	5,176	643	12	9,513	1,335	14	6,811	749	11	26,985	2,400	9
Mekdela	122	87	72	363	143	39	126	89	71	830	310	37
Tenta	878	250	29	1,081	292	27	1,388	438	32	4,733	1,128	24
Kutaber	794	329	41	533	168	31	785	234	30	1,927	585	30
Ambasel	-	-	-	158	95	60	-	-	-	752	384	51
Tehuledere	55	38	68	479	299	62	70	47	67	44	40	92
Werebabu	-	-	-	-	-	-	-	-	-	149	132	88
Kalu	-	-	-	155	94	61	-	-	-	100	68	69
Dessie Zuria	571	257	45	3,020	1,111	37	723	294	41	3,852	1,277	33
Legambo	549	162	30	1,013	218	22	1,050	268	26	4,508	981	22
Sayint	111	78	71	478	225	47	211	101	48	656	270	41
Debresina	467	227	49	874	333	38	303	154	51	1,665	632	38
Kelala	399	150	38	271	106	39	361	179	49	1,176	359	31
Jama	582	158	27	606	212	35	865	207	24	2,614	528	20
Were Ilu	543	180	33	428	206	48	704	163	23	3,726	627	17
Wegde	103	58	57	-	-	-	225	109	49	249	96	39
Kombolcha	-	-	-	46	15	33	-	-	-	-	-	-
Dessie	-	-	-	8	5	61	-	-	-	3	4	109
North Shewa Zone	4,051	448	11	7,894	953	12	4,911	474	10	16,229	1,373	8
Middana Weremo	122	54	44	18	17	91	16	17	102	81	53	65
Merhabete	-	-	-	-	-	-	-	-	-	3	3	100
Insarona Wayu	173	71	41	1,198	302	25	550	196	36	1,196	399	33
Moretna Jiru	22	23	106	1,631	523	32	-	-	-	44	33	75
Gera Keya	571	150	26	994	272	27	461	150	33	1,582	326	21
Geshe	28	20	72	15	14	97	15	16	105	169	67	39
Antsokiya Gemza	102	49	47	52	30	59	153	78	51	222	114	51
Efratana Gidim	91	61	67	218	129	59	136	88	65	489	227	46
Lalo Midir	277	132	48	342	119	35	406	189	47	880	385	44
Mojana Wedera	182	66	36	247	92	37	248	75	30	776	330	43
Tarmaber	130	76	59	86	42	49	119	52	44	624	290	47
Kewet	21	20	95	-	-	-	21	20	95	134	79	59
Asagirt	82	34	42	108	36	34	375	79	21	1,359	273	20
Angolelana Tera	1,279	223	17	938	134	14	1,201	185	15	4,379	535	12
Ankober	-	-	-	-	-	-	-	-	-	3	3	100
Hagere Mariam	110	37	33	168	54	32	194	50	26	787	140	18
Berehet	-	-	-	17	12	69	-	-	-	-	-	-
Minjarna Shenkora	-	-	-	897	413	46	-	-	-	26	26	99
Debre Berhane	7	5	75	147	44	30	4	4	103	11	8	73
Basona Werana	855	289	34	819	482	59	1,011	248	25	3,463	905	26
East Gojam Zone	6,300	725	12	19,090	2,252	12	6,029	738	12	19,215	1,942	10

Annex Table 7.5 (Cont'd)

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Bibugn	948	355	37	935	221	24	873	216	25	3,176	766	24
Hulet Ej Enesie	1,082	352	33	2,548	787	31	765	262	34	3,134	850	27
Goncha Siso Enesie	157	74	47	316	135	43	147	69	47	501	223	45
Enebse Sar Midir	-	-	-	76	53	70	-	-	-	37	38	103
Enarj Enawga	166	125	75	622	266	43	213	121	57	546	357	65
Enemay	251	88	35	292	118	40	167	82	49	571	199	35
Debay Telatgen	845	173	21	3,267	481	15	885	203	23	2,542	540	21
Machakel	337	190	56	2,601	930	36	360	139	39	1,254	415	33
Gozamin	1,178	290	25	6,461	1,724	27	1,406	457	32	4,564	1,078	24
Baso Liben	43	40	94	39	29	74	-	-	-	111	59	53
Awabel	1,272	309	24	1,665	470	28	1,213	366	30	2,676	782	29
Dejen	20	20	99	40	38	95	-	-	-	20	20	99
Shebel Berenta	-	-	-	85	57	66	-	-	-	83	55	67
Debre Markos	-	-	-	143	54	38	-	-	-	-	-	-
West Gojam Zone	1,876	416	22	6,968	1,166	17	1,581	385	24	8,941	1,600	18
Achefer	473	266	56	469	215	46	-	-	-	-	-	-
Bahirdar Zuria	-	-	-	-	-	-	-	-	-	-	-	-
Yilmana Densa	-	-	-	536	243	45	-	-	-	-	-	-
Merawi	-	-	-	-	-	-	-	-	-	263	178	68
Sekela	420	189	45	3,820	939	25	474	243	51	3,552	1,127	32
Kuarit	79	58	73	799	483	60	-	-	-	170	83	49
Dega Damot	496	218	44	851	331	39	827	265	32	4,250	1,093	26
Dembecha	235	90	38	30	26	88	118	64	54	495	205	41
Jabi Tehnan	47	49	103	147	84	57	47	49	103	96	65	68
Bure Wemberma	126	72	57	316	141	45	114	112	98	114	111	97
Wag Hamra Zone	-	-	-	67	42	62	-	-	-	144	88	61
Zikuala	-	-	-	34	23	68	-	-	-	-	-	-
Sekota	-	-	-	-	-	-	-	-	-	43	43	99
Dehana	-	-	-	33	35	105	-	-	-	100	77	76
Awi Zone	5,227	712	14	26,809	2,413	9	5,761	717	12	23,278	2,282	10
Dangela	-	-	-	1	1	100	-	-	-	-	-	-
Banja	2,325	373	16	13,018	1,347	10	3,137	516	16	14,382	1,798	13
Ankasha	1,313	477	36	7,752	1,656	21	847	333	39	2,771	869	31
Guangua	-	-	-	380	195	51	-	-	-	1	1	100
Faggeta Lekoma	1,588	374	24	5,657	1,107	20	1,777	370	21	6,123	1,105	18
Oromia Zone	-	-	-	58	33	56	-	-	-	-	-	-
Chefegolana Dawerahimedo	-	-	-	9	5	51	-	-	-	-	-	-
Bati	-	-	-	6	4	72	-	-	-	-	-	-
Jile Tumuga												
Artuma Fursi	-	-	-	43	32	74	-	-	-	-	-	-
Bahirdar Special Zone	-	-	-	-	-	-	-	-	-	-	-	-

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
Amhara Region	213,425	3,867	2	392,813	7,548	2	225,957	4,121	2	632,826	8,426	1
North Gonder Zone	29,511	1,381	5	74,502	3,567	5	30,696	1,559	5	88,407	3,403	4
Addi Arkay	1,230	237	19	4,330	649	15	1,317	262	20	3,728	502	13
Beyeda	1,554	190	12	3,465	312	9	1,565	190	12	5,223	423	8
Janamora	3,468	484	14	4,889	647	13	3,339	355	11	7,965	781	10
Debark	1,429	330	23	2,522	541	21	1,498	281	19	4,645	650	14
Dabat	2,076	363	17	2,332	503	22	1,854	334	18	4,648	586	13
Sanja	1,257	292	23	12,843	1,514	12	126	76	60	298	129	43
Lay Armacheho	1,241	255	21	3,869	605	16	1,623	266	16	5,163	713	14
Wegera	4,185	500	12	3,607	622	17	3,262	545	17	10,506	943	9
Gonder Zuria	3,618	454	13	5,730	1,774	31	4,495	725	16	12,445	1,760	14
Dembia	1,201	315	26	826	219	27	1,523	317	21	7,166	936	13
Chilga	2,132	407	19	8,294	1,608	19	2,635	584	22	5,862	1,190	20
Metema	394	141	36	6,286	628	10	113	50	44	216	143	66
Quara	378	82	22	4,929	492	10	-	-	-	102	59	57
Alefa	2,013	458	23	4,491	1,146	26	2,769	596	22	7,513	1,289	17
Belesa	3,303	485	15	6,028	684	11	4,521	557	12	12,772	1,133	9
Gonder	32	8	25	59	18	31	58	12	21	155	23	15
South Gonder Zone	25,468	1,368	5	28,243	2,052	7	31,893	1,645	5	85,437	3,049	4
Ebenat	4,210	530	13	3,938	719	18	3,697	512	14	11,091	895	8
Kemekem	1,916	319	17	1,383	330	24	3,374	484	14	9,908	906	9
Fogera	1,874	332	18	722	191	27	2,535	381	15	8,056	1,027	13
Farta	2,938	457	16	3,053	727	24	3,841	601	16	10,533	1,366	13
Lay Gayint	2,737	459	17	4,887	954	20	3,538	427	12	8,879	1,074	12
Tach Gayint	2,160	239	11	2,767	311	11	2,086	268	13	6,204	414	7
Simada	4,017	664	17	4,532	690	15	5,327	902	17	10,904	1,097	10
Estie	4,489	632	14	5,559	1,204	22	5,103	700	14	13,261	1,331	10
Dera	1,121	251	22	1,358	292	21	2,389	384	16	6,588	673	10
Debre Tabor	5	4	69	43	17	39	1	1	100	13	7	51
North Wollo Zone	24,502	1,547	6	28,998	2,025	7	24,480	1,580	6	63,955	2,800	4
Bugna	5,109	929	18	3,161	515	16	5,255	874	17	13,919	1,710	12
Kobo	2,949	410	14	5,083	899	18	2,659	464	17	9,203	986	11
Gidan	3,119	441	14	3,135	516	16	3,675	617	17	8,417	807	10
Meket	3,203	573	18	4,389	905	21	3,132	552	18	8,170	886	11
Wadla	1,713	313	18	1,556	288	19	1,887	397	21	3,887	618	16
Dawuntna Delanta	4,129	650	16	5,817	1,076	18	3,606	591	16	8,405	885	11
Guba Lafto	2,781	399	14	3,401	706	21	2,511	421	17	6,797	747	11

Annex Table 7.6 (Cont'd)

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Habru	1,498	401	27	2,446	451	18	1,753	384	22	5,150	884	17
Weldia	1	1	100	9	4	46	2	2	100	7	7	100
South Wollo Zone	36,936	1,695	5	67,615	3,420	5	41,104	1,860	5	107,185	3,963	4
Mekdela	2,219	405	18	7,000	1,416	20	2,637	377	14	7,741	807	10
Tenta	3,089	419	14	5,013	623	12	3,710	540	15	8,730	893	10
Kutaber	1,590	279	18	3,088	449	15	2,010	286	14	5,689	537	9
Ambasel	1,502	328	22	3,509	636	18	2,721	474	17	6,467	807	12
Tehuledere	1,005	233	23	2,335	445	19	609	146	24	1,748	392	22
Werebabu	1,155	276	24	1,430	309	22	1,147	179	16	3,225	463	14
Kalu	1,481	271	18	3,656	714	20	1,888	421	22	5,940	1,010	17
Dessie Zuria	3,248	793	24	10,475	2,224	21	5,250	1,009	19	11,157	1,647	15
Legambo	3,942	620	16	6,021	695	12	3,435	590	17	6,672	940	14
Sayint	2,888	542	19	6,057	877	14	2,505	449	18	9,715	1,635	17
Debresina	2,076	304	15	3,509	681	19	2,239	332	15	6,130	929	15
Kelala	3,001	424	14	3,473	435	13	3,296	474	14	11,205	1,615	14
Jama	3,327	496	15	4,125	611	15	3,301	382	12	7,664	739	10
Were Ilu	4,907	521	11	3,911	453	12	4,568	590	13	10,956	1,156	11
Wegde	1,489	216	15	3,866	680	18	1,777	302	17	4,118	554	13
Kombolcha	3	2	74	5	3	59	5	3	60	8	4	52
Dessie	13	6	50	141	30	22	7	5	78	21	9	41
North Shewa Zone	32,533	1,102	3	77,549	2,557	3	34,291	1,242	4	94,343	2,310	2
Middana Weremo	920	143	16	2,029	389	19	1,389	184	13	3,795	237	6
Merhabete	795	166	21	8,042	814	10	786	199	25	3,471	526	15
Insarona Wayu	2,366	431	18	5,940	998	17	2,477	342	14	5,829	706	12
Moretna Jiru	1,603	264	16	5,674	722	13	1,336	220	17	5,120	736	14
Gera Keya	3,797	348	9	4,008	461	12	3,998	507	13	10,072	760	8
Geshe	1,137	140	12	1,709	171	10	1,252	143	11	4,009	233	6
Antsokiya Gemza	863	135	16	3,335	325	10	615	126	20	2,488	317	13
Efratana Gidim	1,310	221	17	3,297	498	15	1,070	201	19	3,095	425	14
Lalo Midir	3,118	384	12	2,742	369	13	4,151	368	9	7,408	560	8
Mojana Wedera	1,678	158	9	1,640	253	15	2,017	206	10	4,372	337	8
Tarmaber	1,323	217	16	2,258	351	16	1,308	191	15	3,862	325	8
Kewet	1,181	213	18	4,784	725	15	1,010	172	17	3,914	402	10
Asagirt	1,049	96	9	2,594	214	8	837	114	14	2,387	207	9
Angolelana Tera	2,437	255	10	3,269	519	16	2,539	294	12	5,828	477	8
Ankober	1,184	166	14	1,729	240	14	1,158	158	14	3,681	321	9
Hagere Mariam	1,255	141	11	3,824	322	8	1,088	126	12	3,690	248	7
Berehet	441	50	11	1,924	89	5	436	48	11	2,269	97	4
Minjama Shenkora	2,123	361	17	11,211	1,083	10	2,716	509	19	8,610	808	9
Debre Berhane	32	12	37	74	27	37	21	8	37	84	23	28
Basona Werana	3,922	429	11	7,467	1,053	14	4,089	570	14	10,360	1,121	11

Annex Table 7.6 (Cont'd)

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
East Gojam Zone	26,586	1,396	5	45,478	2,296	5	27,631	1,378	5	79,143	2,794	4
Bibugn	458	97	21	992	204	21	802	176	22	1,882	325	17
Hulet Ej Enesie	3,197	648	20	3,576	672	19	3,146	499	16	8,813	1,162	13
Goncha Siso Enesie	1,693	373	22	3,392	415	12	1,669	382	23	5,612	597	11
Enebse Sar Midir	1,879	320	17	3,336	446	13	2,009	334	17	5,895	796	14
Enarj Enawga	2,909	394	14	5,566	1,050	19	2,944	537	18	7,660	913	12
Enemay	2,981	383	13	3,211	471	15	3,101	377	12	8,186	795	10
Debay Telatgen	1,730	363	21	3,319	471	14	2,917	472	16	6,645	785	12
Machakel	1,584	408	26	4,425	699	16	1,417	398	28	4,617	872	19
Gozamin	2,323	425	18	4,373	1,082	25	2,104	434	21	6,721	1,083	16
Baso Liben	1,211	272	22	4,373	784	18	1,149	236	21	4,044	435	11
Awabel	3,211	555	17	3,868	549	14	3,027	446	15	9,307	934	10
Dejen	1,459	253	17	3,147	437	14	1,769	257	15	4,900	396	8
Shebel Berenta	1,939	227	12	1,893	311	16	1,573	199	13	4,840	356	7
Debre Markos	11	9	84	6	5	75	4	5	103	21	11	54
West Gojam Zone	21,930	1,280	6	38,541	2,342	6	21,325	1,215	6	66,383	2,764	4
Achefer	4,773	609	13	4,375	801	18	3,354	464	14	12,448	1,714	14
Bahirdar Zuria	2,780	479	17	4,244	972	23	3,398	550	16	8,306	1,034	12
Yilmana Densa	2,894	487	17	7,596	1,192	16	3,161	535	17	8,778	941	11
Merawi	2,987	513	17	6,254	852	14	2,437	364	15	9,584	825	9
Sekela	1,193	308	26	1,328	248	19	1,202	216	18	4,410	630	14
Kuarit	1,249	290	23	2,786	373	13	1,389	250	18	4,624	477	10
Dega Damot	1,353	250	19	1,852	456	25	1,173	257	22	3,579	581	16
Dembecha	1,140	202	18	3,184	436	14	967	210	22	3,147	392	12
Jabi Tehnan	1,524	268	18	1,845	759	41	1,720	329	19	4,810	439	9
Bure Wemberma	2,036	427	21	5,078	761	15	2,524	461	18	6,697	869	13
Wag Hamra Zone	5,621	654	12	15,512	2,219	14	4,463	579	13	17,374	1,552	9
Zikuala	1,025	154	15	6,756	982	15	513	110	22	3,716	612	16
Sekota	2,527	465	18	6,384	1,955	31	1,846	424	23	6,085	798	13
Dehana	2,069	433	21	2,372	371	16	2,105	380	18	7,573	1,182	16
Awi Zone	6,606	737	11	9,967	1,198	12	6,502	708	11	16,344	1,451	9
Dangela	2,416	409	17	4,134	632	15	2,127	408	19	4,858	674	14
Banja	312	135	43	580	173	30	168	82	49	474	174	37
Ankasha	1,114	363	33	661	262	40	1,478	370	25	3,205	648	20
Guangua	2,207	458	21	4,007	952	24	1,679	368	22	5,329	971	18
Faggeta Lekoma	557	131	23	585	174	30	1,050	238	23	2,478	507	20
Oromia Zone	3,697	372	10	6,291	759	12	3,555	363	10	14,194	1,133	8
Chefegolana Dawerahimedo	1,027	222	22	1,707	598	35	1,164	260	22	5,133	928	18
Bati	761	152	20	582	152	26	735	143	19	2,197	331	15
Jile Tumuga	1,049	191	18	3,021	398	13	937	141	15	3,899	399	10
Artuma Fursi	860	171	20	982	191	19	719	154	21	2,966	392	13
Bahirdar Special Zone	34	16	47	116	46	40	17	11	63	61	24	40

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
Amhara Region	8,849	724	8	39,830	2,121	5	12,538	904	7	44,298	2,136	5
North Gonder Zone	759	210	28	6,067	611	10	736	168	23	4,913	529	11
Addi Arkay	30	30	100	246	146	59	-	-	-	146	70	48
Beyeda	-	-	-	580	226	39	22	23	102	228	65	29
Janamora	152	85	56	663	162	24	197	82	41	314	95	30
Debark	178	133	75	517	169	33	88	48	55	91	45	49
Dabat	23	23	98	294	106	36	129	71	55	192	81	42
Sanja	-	-	-	621	203	33	-	-	-	260	103	40
Lay Armacheho	-	-	-	84	59	70	-	-	-	219	129	59
Wegera	146	79	54	223	120	54	196	92	47	890	206	23
Gonder Zuria	-	-	-	219	105	48	-	-	-	119	81	68
Dembia	-	-	-	125	80	64	53	52	97	114	75	65
Chilga	92	63	69	579	194	34	-	-	-	135	74	55
Metema	2	2	100	90	43	48	-	-	-	14	13	98
Quara	9	9	103	149	70	47	-	-	-	178	51	29
Alefa	65	64	98	325	129	40	-	-	-	582	155	27
Belesa	62	60	96	1,351	311	23	51	50	100	1,429	373	26
Gonder	-	-	-	-	-	-	-	-	-	2	2	100
South Gonder Zone	590	260	44	7,117	1,068	15	800	254	32	4,325	601	14
Ebenat	-	-	-	335	128	38	53	54	102	950	267	28
Kemekem	-	-	-	509	217	43	84	58	69	50	36	72
Fogera	103	72	69	63	64	102	-	-	-	172	90	52
Farta	126	86	68	2,579	752	29	66	65	98	1,088	314	29
Lay Gayint	-	-	-	356	135	38	119	79	67	283	116	41
Tach Gayint	-	-	-	234	83	35	-	-	-	179	71	40
Simada	76	75	99	694	229	33	136	92	67	724	189	26
Estie	220	215	97	2,050	638	31	342	198	58	743	350	47
Dera	58	60	103	267	156	59	-	-	-	120	77	64
Debre Tabor	7	4	58	30	10	33	1	1	100	15	6	38
North Wollo Zone	1,122	288	26	2,886	472	16	1,858	503	27	4,733	624	13
Bugna	72	72	101	305	132	43	788	404	51	1,191	408	34
Kobo	-	-	-	123	79	64	-	-	-	488	193	40
Gidan	60	58	96	505	186	37	280	143	51	670	203	30
Meket	509	215	42	482	246	51	411	212	52	544	224	41
Wadla	330	143	43	533	175	33	273	139	51	458	139	30
Dawuntna Delanta	108	75	69	680	228	34	106	73	69	1,059	243	23
Guba Lafto	43	43	101	51	51	100	-	-	-	278	119	43
Habru	-	-	-	207	135	65	-	-	-	47	46	99
Weldia	-	-	-	-	-	-	-	-	-	-	-	-

Annex Table 7.7 (Cont'd)

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
South Wollo Zone	2,010	331	16	6,956	803	12	3,395	413	12	15,066	1,627	11
Mekdela	-	-	-	199	101	51	368	178	48	884	227	26
Tenta	302	145	48	474	179	38	510	144	28	1,027	214	21
Kutaber	146	74	50	786	239	30	260	81	31	1,895	464	24
Ambasel	101	56	55	637	220	35	133	74	56	978	303	31
Tehuledere	-	-	-	482	239	50	-	-	-	1,577	433	27
Werebabu	25	24	99	136	67	49	-	-	-	112	52	46
Kalu	52	51	98	282	114	40	100	68	69	209	96	46
Dessie Zuria	180	126	70	1,861	565	30	392	164	42	3,790	1,325	35
Legambo	171	101	59	102	67	66	514	162	32	691	184	27
Sayint	68	68	100	41	35	86	-	-	-	180	99	55
Debresina	149	82	55	296	111	37	137	78	57	47	42	89
Kelala	172	75	44	868	236	27	341	130	38	1,581	377	24
Jama	170	72	42	169	83	49	137	68	50	811	198	24
Were Ilu	376	155	41	353	128	36	503	145	29	1,005	227	23
Wegde	99	69	69	273	85	31	-	-	-	278	97	35
Kombolcha	-	-	-	-	-	-	-	-	-	-	-	-
Dessie	-	-	-	-	-	-	-	-	-	-	-	-
North Shewa Zone	1,122	174	16	4,344	580	13	1,436	215	15	4,107	334	8
Middana Weremo	-	-	-	185	67	36	22	22	99	290	89	31
Merhabete	-	-	-	35	35	100	60	57	95	390	118	30
Insarona Wayu	119	57	48	-	-	-	120	57	47	-	-	-
Moretna Jiru	-	-	-	46	33	72	-	-	-	43	30	72
Gera Keya	41	40	97	317	120	38	107	59	55	730	152	21
Geshe	171	56	33	432	104	24	91	39	43	463	86	19
Antsokiya Gemza	100	72	72	212	62	29	66	39	58	135	52	39
Efratana Gidim	-	-	-	67	52	77	44	31	72	348	100	29
Lalo Midir	33	33	100	57	40	70	279	121	43	487	140	29
Mojana Wedera	53	36	67	18	17	97	33	22	66	55	30	55
Tarmaber	35	30	87	20	20	100	119	73	62	141	58	41
Kewet	-	-	-	1	1	100	-	-	-	168	64	38
Asagirt	73	25	35	136	39	29	99	34	34	145	40	27
Angolelana Tera	154	57	37	56	31	54	240	65	27	72	42	58
Ankober	3	3	100	175	59	34	3	3	100	185	74	40
Hagere Mariam	61	25	42	196	54	27	49	21	43	130	38	29
Berehet	37	13	36	201	32	16	-	-	-	110	24	22
Minjarna Shenkora	26	25	96	2,155	534	25	-	-	-	103	51	49
Debre Berhane	-	-	-	-	-	-	-	-	-	-	-	-
Basona Werana	217	92	42	36	36	101	102	71	70	114	63	56
East Gojam Zone	1,248	289	23	3,530	728	21	1,370	296	22	3,050	481	16

Annex Table 7.7 (Cont'd)

Geographic Area	MALE						FEMALE					
	<3YEARS			3YEARS & OLDER			<3YEARS			3YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Bibugn	330	108	33	168	86	52	404	143	35	161	81	51
Hulet Ej Enesie	325	144	44	732	324	44	307	197	64	510	249	49
Goncha Siso Enesie	-	-	-	32	33	103	36	35	97	304	107	35
Enebse Sar Midir	-	-	-	97	69	71	68	48	71	355	109	31
Enarj Enawga	-	-	-	77	56	73	80	57	71	221	95	43
Enemay	-	-	-	37	35	96	-	-	-	112	80	71
Debay Telatgen	29	31	106	116	66	57	148	64	44	32	32	100
Machakel	141	98	70	924	377	41	53	51	97	408	156	38
Gozamin	239	183	77	1,299	510	39	246	117	48	783	303	39
Baso Liben	-	-	-	27	27	100	-	-	-	-	-	-
Awabel	92	63	69	-	-	-	-	-	-	133	73	55
Dejen	-	-	-	-	-	-	28	29	103	33	33	101
Shebel Berenta	92	59	64	-	-	-	-	-	-	-	-	-
Debre Markos	-	-	-	21	23	108	-	-	-	-	-	-
West Gojam Zone	1,427	289	20	4,391	767	17	1,784	312	17	4,452	523	12
Achefer	45	46	102	116	76	65	259	152	59	1,042	279	27
Bahirdar Zuria	108	75	69	59	54	92	161	89	55	389	135	35
Yilmana Densa	164	114	69	1,009	339	34	300	143	48	417	175	42
Merawi	54	53	98	84	67	80	56	56	99	817	246	30
Sekela	322	137	43	667	270	40	143	68	47	243	87	36
Kuarit	185	125	68	1,435	557	39	-	-	-	565	162	29
Dega Damot	547	160	29	756	247	33	640	179	28	269	92	34
Dembecha	2	2	100	23	9	41	179	62	35	180	62	35
Jabi Tehnan	-	-	-	183	112	61	47	49	103	112	104	93
Bure Wemberma	-	-	-	60	54	90	-	-	-	419	172	41
Wag Hamra Zone	96	58	61	2,186	686	31	33	35	107	1,838	363	20
Zikuala	19	17	91	760	349	46	-	-	-	909	287	32
Sekota	-	-	-	913	571	63	-	-	-	623	200	32
Dehana	77	56	72	513	150	29	33	35	107	306	99	32
Awi Zone	381	117	31	1,979	430	22	1,109	262	24	1,011	224	22
Dangela	97	67	69	177	77	43	95	69	73	316	123	39
Banja	176	73	42	306	146	48	855	239	28	102	73	71
Ankasha	45	45	100	807	356	44	50	50	100	139	106	76
Guangua	-	-	-	462	150	32	47	47	100	222	107	48
Faggeta Lekoma	62	42	68	227	94	42	62	44	70	233	86	37
Oromia Zone	94	65	69	223	74	33	-	-	-	661	294	45
Chefegolana Dawerahimedo	94	65	69	76	52	69	-	-	-	579	291	50
Bati	-	-	-	23	22	97	-	-	-	-	-	-
Jile Tumuga	-	-	-	123	47	38	-	-	-	21	21	100
Artuma Fursi	-	-	-	-	-	-	-	-	-	61	38	62
Bahirdar Special Zone	-	-	-	151	35	23	17	9	54	141	43	30

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

Geographic Area	MALE						FEMALE					
	<4YEARS			4 YEARS & OLDER			<4YEARS			4 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Amhara Region	3,072	625	20	20,704	1,639	8	130	96	74	4,570	817	18
North Gonder Zone	-	-	-	774	190	25	-	-	-	18	18	96
Addi Arkay	-	-	-	-	-	-	-	-	-	-	-	-
Beyeda	-	-	-	-	-	-	-	-	-	-	-	-
Janamora	-	-	-	-	-	-	-	-	-	-	-	-
Debark	-	-	-	-	-	-	-	-	-	-	-	-
Dabat	-	-	-	-	-	-	-	-	-	-	-	-
Sanja	-	-	-	57	32	56	-	-	-	-	-	-
Lay Armacheho	-	-	-	-	-	-	-	-	-	-	-	-
Wegera	-	-	-	-	-	-	-	-	-	-	-	-
Gonder Zuria	-	-	-	-	-	-	-	-	-	-	-	-
Dembia	-	-	-	-	-	-	-	-	-	-	-	-
Chilga	-	-	-	3	3	100	-	-	-	-	-	-
Metema	-	-	-	428	126	29	-	-	-	18	18	96
Quara	-	-	-	160	65	41	-	-	-	-	-	-
Alefa	-	-	-	-	-	-	-	-	-	-	-	-
Belesa	-	-	-	126	122	97	-	-	-	-	-	-
Gonder	-	-	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	-	-	-	2,728	630	23	-	-	-	-	-	-
Ebenat	-	-	-	760	286	38	-	-	-	-	-	-
Kemekem	-	-	-	776	419	54	-	-	-	-	-	-
Fogera	-	-	-	-	-	-	-	-	-	-	-	-
Farta	-	-	-	551	260	47	-	-	-	-	-	-
Lay Gayint	-	-	-	98	100	102	-	-	-	-	-	-
Tach Gayint	-	-	-	54	54	101	-	-	-	-	-	-
Simada	-	-	-	125	121	97	-	-	-	-	-	-
Estie	-	-	-	131	129	99	-	-	-	-	-	-
Dera	-	-	-	233	168	72	-	-	-	-	-	-
Debre Tabor	-	-	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	1,134	480	42	4,981	923	19	-	-	-	118	80	68
Bugna	-	-	-	-	-	-	-	-	-	-	-	-
Kobo	695	424	61	2,337	711	30	-	-	-	118	80	68
Gidan	-	-	-	184	143	78	-	-	-	-	-	-
Meket	-	-	-	50	50	100	-	-	-	-	-	-
Wadla	-	-	-	63	61	98	-	-	-	-	-	-
Dawuntna Delanta	-	-	-	-	-	-	-	-	-	-	-	-
Guba Lafto	254	176	69	297	280	94	-	-	-	-	-	-
Habru	185	139	75	2,050	491	24	-	-	-	-	-	-
Weldia	-	-	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	702	317	45	2,571	782	30	-	-	-	-	-	-

Annex Table 7.8 (Cont'd)

Geographic Area	MALE						FEMALE					
	<4YEARS			4 YEARS & OLDER			<4YEARS			4 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Mekdela												
Tenta												
Kutaber												
Ambasel												
Tehuledere				186	101	54						
Werebabu	424	257	61	399	132	33						
Kalu	279	186	67	1,769	758	43						
Dessie Zuria												
Legambo												
Sayint												
Debresina												
Kelala												
Jama				39	40	103						
Were Ilu				179	89	50						
Wegde												
Kombolcha												
Dessie												
North Shewa Zone	467	189	40	2,668	509	19						
Middana Weremo				74	42	57				34	18	52
Merhabete												
Insarona Wayu				92	51	56						
Moretna Jiru				19	19	101						
Gera Keya				38	38	100						
Geshe				88	54	61						
Antsokiya Gemza	4	3	75	55	23	42						
Efratana Gidim				277	101	36						
Lalo Midir												
Mojana Wedera												
Tarmaber												
Kewet	110	66	60	140	86	62						
Asagirt	27	17	63	13	12	89						
Angolelana Tera										27	17	63
Ankober	244	172	70	25	23	91						
Hagere Mariam												
Berehet	55	29	53	466	70	15						
Minjarna Shenkora	27	28	102	1,382	475	34						
Debre Berhane										8	7	86
Basona Werana												
East Gojam Zone												
Bibugn				314	121	39	67	72	108	524	233	45
				52	34	65						

Annex Table 7.8 (Cont'd)

Geographic Area	MALE						FEMALE					
	<4YEARS			4 YEARS & OLDER			<4YEARS			4 YEARS & OLDER		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Hulet Ej Enesie	-	-	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enesie	-	-	-	-	-	-	-	-	-	-	-	-
Enebse Sar Midir	-	-	-	-	-	-	-	-	-	-	-	-
Enarj Enawga	-	-	-	-	-	-	-	-	-	-	-	-
Enemay	-	-	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	-	-	-	33	34	103	-	-	-	-	-	-
Machakel	-	-	-	-	-	-	67	72	108	67	72	108
Gozamin	-	-	-	55	54	99	-	-	-	109	108	99
Baso Liben	-	-	-	68	67	99	-	-	-	136	134	99
Awabel	-	-	-	-	-	-	-	-	-	-	-	-
Dejen	-	-	-	47	47	99	-	-	-	95	94	99
Shebel Berenta	-	-	-	-	-	-	-	-	-	-	-	-
Debre Markos	-	-	-	58	51	88	-	-	-	117	102	88
West Gojam Zone	-	-	-	-	-	-	-	-	-	-	-	-
Achefer	-	-	-	1,604	369	23	-	-	-	3,207	738	23
Bahirdar Zuria	-	-	-	395	208	53	-	-	-	790	417	53
Yilmana Densa	-	-	-	55	54	100	-	-	-	109	109	100
Merawi	-	-	-	380	160	42	-	-	-	761	320	42
Sekela	-	-	-	67	67	99	-	-	-	135	134	99
Kuarit	-	-	-	412	221	54	-	-	-	824	442	54
Dega Damot	-	-	-	-	-	-	-	-	-	-	-	-
Dembecha	-	-	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan	-	-	-	150	59	39	-	-	-	300	117	39
Bure Wemberma	-	-	-	56	57	102	-	-	-	113	115	102
Wag Hamra Zone	-	-	-	88	63	72	-	-	-	175	126	72
Zikuala	-	-	-	16	16	101	-	-	-	32	33	101
Sekota	-	-	-	16	16	101	-	-	-	32	33	101
Dehana	-	-	-	-	-	-	-	-	-	-	-	-
Awi Zone	-	-	-	-	-	-	-	-	-	-	-	-
Dangela	-	-	-	277	115	42	-	-	-	553	230	42
Banja	-	-	-	-	-	-	-	-	-	-	-	-
Ankasha	-	-	-	74	52	70	-	-	-	148	104	70
Guangua	-	-	-	45	46	102	-	-	-	91	93	102
Faggeta Lekoma	-	-	-	157	92	58	-	-	-	315	183	58
Oromia Zone	768	156	20	4,771	604	13	62	62	100	83	83	100
Chefegolana Dawerahimedo	11	8	71	1,391	423	30	-	-	-	-	-	-
Bati	604	144	24	2,254	374	17	-	-	-	-	-	-
Jile Tumuga	131	56	43	629	152	24	62	62	100	83	83	100
Artuma Fursi	23	23	100	497	151	30	-	-	-	-	-	-
Bahirdar Special Zone	-	-	-	-	-	-	-	-	-	-	-	-

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
Amhara Region	13,434,878	131,630	1	1,090,532	14,165	1	934,863	18,942	2	1,368,218	23,361	2	622,798	17,099	3	6,261,813	81,594	1	3,156,655	28,646	1
North Gonder Zone	3,165,069	72,850	2	172,214	6,002	3	244,541	10,600	4	319,273	12,073	4	164,784	9,200	6	1,727,970	44,704	3	536,287	12,264	2
Addi Arkay	192,582	19,368	10	13,482	1,266	9	13,592	2,009	15	17,386	2,423	14	18,445	2,976	16	102,857	11,971	12	26,820	2,930	11
Beyeda	66,201	5,650	9	7,312	543	7	5,306	1,142	22	7,572	1,320	17	4,576	1,000	22	29,886	3,301	11	11,549	987	9
Janamora	137,935	8,309	6	13,937	1,173	8	10,771	1,411	13	14,838	2,477	17	3,875	745	19	65,425	5,259	8	29,090	1,619	6
Debark	161,911	14,824	9	9,505	1,436	15	11,673	2,116	18	15,050	2,986	20	4,562	1,002	22	89,414	7,945	9	31,707	2,227	7
Dabat	169,187	13,377	8	7,383	774	10	13,519	1,789	13	17,319	2,537	15	2,643	930	35	93,603	8,310	9	34,720	2,774	8
Sanja	281,024	35,088	12	20,398	2,508	12	24,432	4,081	17	21,938	3,535	16	27,673	4,656	17	143,184	20,007	14	43,399	4,197	10
Lay Armacheho	213,355	15,201	7	10,087	967	10	13,873	2,576	19	21,858	4,184	19	11,134	1,910	17	121,827	9,951	8	34,576	2,639	8
Wegera	213,721	20,639	10	7,778	1,022	13	14,850	2,110	14	21,198	2,715	13	12,371	2,547	21	122,104	15,041	12	35,420	3,400	10
Gonder Zuria	234,710	15,566	7	7,358	829	11	21,460	2,957	14	27,726	3,104	11	9,562	2,344	25	123,615	10,276	8	44,989	3,572	8
Dembia	236,466	14,687	6	8,863	1,301	15	17,632	2,925	17	22,719	2,763	12	10,811	2,308	21	137,581	9,436	7	38,859	2,332	6
Chilga	310,953	25,326	8	14,634	2,369	16	27,205	4,096	15	34,048	3,843	11	8,067	2,328	29	170,962	14,114	8	56,037	5,145	9
Metema	92,068	8,562	9	6,065	621	10	7,563	1,086	14	10,741	1,624	15	6,665	901	14	45,482	4,369	10	15,551	1,636	11
Quara	101,428	8,340	8	6,810	705	10	9,932	1,867	19	11,284	1,532	14	8,936	1,181	13	47,948	3,822	8	16,518	1,383	8
Alefa	454,249	31,434	7	22,523	3,170	14	31,796	4,951	16	44,443	5,269	12	20,958	3,776	18	267,340	19,689	7	67,189	5,067	8
Belesa	291,526	17,708	6	15,583	1,701	11	20,471	2,517	12	30,334	3,808	13	14,239	2,800	20	163,058	11,987	7	47,841	3,806	8
Gonder	7,752	296	4	494	35	7	467	65	14	819	86	11	267	32	12	3,685	192	5	2,020	93	5
South Gonder Zone	1,575,937	46,097	3	77,077	3,822	5	123,010	7,605	6	182,597	9,043	5	73,767	6,405	9	780,929	30,575	4	338,558	9,730	3
Ebenat	189,768	18,298	10	7,271	1,061	15	14,891	2,437	16	18,643	2,057	11	15,846	2,166	14	107,923	13,535	13	25,193	3,652	15
Kemekem	206,187	14,148	7	8,651	1,915	22	21,274	3,445	16	27,942	2,906	10	7,481	2,303	31	103,586	7,525	7	37,253	2,049	6
Fogera	246,496	15,792	6	9,118	1,330	15	21,065	2,489	12	32,120	3,279	10	8,483	1,907	22	130,010	11,422	9	45,700	3,766	8
Farta	136,460	14,947	11	7,965	839	11	9,499	2,195	23	15,169	3,524	23	4,666	1,675	36	47,144	9,193	20	52,016	3,255	6
Lay Gayint	100,804	8,660	9	8,207	967	12	5,319	1,173	22	12,785	2,499	20	4,940	1,188	24	45,288	6,800	15	24,264	1,936	8
Tach Gayint	57,954	4,386	8	5,666	651	11	5,764	763	13	7,300	1,080	15	1,869	341	18	24,106	2,917	12	13,250	823	6
Simada	159,445	12,371	8	9,693	1,469	15	12,896	2,281	18	18,232	2,562	14	6,824	1,760	26	79,704	6,552	8	32,096	2,469	8
Estie	238,072	19,484	8	13,389	1,732	13	17,606	4,102	23	23,327	2,863	12	11,489	3,654	32	106,891	12,937	12	65,370	5,818	9
Dera	237,208	22,142	9	6,919	912	13	14,427	2,242	16	26,586	4,874	18	12,071	2,571	21	134,980	14,662	11	42,224	2,824	7
Debre Tabor	3,543	180	5	199	20	10	269	39	14	494	55	11	97	16	16	1,295	132	10	1,190	63	5
North Wollo Zone	1,200,512	42,730	4	191,158	7,286	4	79,072	4,828	6	124,176	6,489	5	46,666	4,050	9	488,970	25,769	5	270,470	8,809	3
Bugna	198,137	25,638	13	18,445	2,567	14	13,971	2,426	17	22,941	3,528	15	4,334	2,405	55	100,729	16,571	16	37,717	4,007	11
Kobo	212,425	18,356	9	32,946	3,525	11	14,896	2,432	16	26,897	3,261	12	7,064	1,401	20	89,706	9,180	10	40,917	3,703	9
Gidan	125,473	9,275	7	26,355	2,092	8	8,870	1,267	14	10,691	1,520	14	2,896	629	22	51,888	4,856	9	24,772	2,046	8
Meket	137,165	21,428	16	14,297	2,588	18	8,284	1,834	22	12,178	2,587	21	6,816	1,185	17	52,675	13,218	25	42,915	5,138	12
Wadla	74,785	4,541	6	13,598	1,556	11	5,968	790	13	8,165	1,075	13	2,900	766	26	20,327	2,549	13	23,826	1,708	7
Dawuntna Delanta	132,415	6,967	5	26,591	2,855	11	11,716	1,655	14	15,719	1,930	12	4,573	864	19	40,014	4,067	10	33,804	2,294	7
Guba Lafto	163,552	10,684	7	30,587	2,520	8	9,961	1,419	14	14,907	1,737	12	8,913	1,451	16	66,190	7,175	11	32,993	2,264	7
Habru	156,015	10,153	7	28,281	2,465	9	5,369	1,080	20	12,632	1,455	12	9,129	1,848	20	67,229	5,686	8	33,375	1,986	6
Weldia	544	74	14	57	10	18	36	11	30	47	14	30	41	10	25	211	50	24	152	23	15

Annex Table 7.9 (Cont'd)

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
South Wollo Zone	1,933,730	42,319	2	288,167	7,565	3	103,530	4,582	4	161,924	6,368	4	94,487	7,144	8	689,917	24,615	4	595,705	13,885	2
Mekdela	77,702	6,788	9	17,182	1,539	9	4,007	701	17	7,750	1,444	19	6,091	1,239	20	17,613	4,663	26	25,059	2,901	12
Tenta	113,268	6,420	6	24,119	1,439	6	5,029	844	17	8,283	1,070	13	6,387	1,374	22	26,302	5,264	20	43,148	2,346	5
Kutaber	107,478	8,468	8	14,888	1,162	8	3,237	605	19	6,604	1,184	18	2,157	512	24	37,471	5,129	14	43,121	2,894	7
Ambasel	130,306	6,423	5	26,105	2,277	9	6,096	750	12	11,855	1,503	13	4,790	757	16	44,462	3,326	7	36,996	2,289	6
Tehuledere	110,103	5,196	5	14,364	707	5	6,104	778	13	9,617	1,130	12	3,774	857	23	41,570	4,496	11	34,673	1,503	4
Werebabu	91,967	4,988	5	14,782	1,099	7	5,592	849	15	10,552	1,110	11	4,734	865	18	32,445	3,174	10	23,861	1,633	7
Kalu	205,431	13,241	6	26,883	2,488	9	12,620	1,557	12	18,583	1,921	10	7,277	2,072	28	94,989	8,022	8	45,080	3,191	7
Dessie Zuria	272,430	28,236	10	36,402	4,854	13	7,933	1,451	18	19,291	2,961	15	14,702	2,752	19	95,897	14,590	15	98,206	9,950	10
Legambo	94,180	4,719	5	20,239	1,376	7	5,313	984	19	6,971	881	13	5,816	805	14	14,536	2,756	19	41,306	2,514	6
Sayint	167,316	11,716	7	24,340	1,791	7	12,120	2,335	19	14,962	2,869	19	6,887	1,371	20	68,069	7,785	11	40,938	2,574	6
Debresina	111,160	12,595	11	12,368	1,804	15	6,964	1,464	21	7,604	1,171	15	3,508	706	20	45,091	7,658	17	35,625	3,487	10
Kelala	133,069	9,851	7	16,100	1,664	10	8,814	1,181	13	10,421	1,500	14	5,604	900	16	61,075	7,191	12	31,054	2,682	9
Jama	110,696	5,178	5	11,973	846	7	6,856	1,092	16	12,072	1,541	13	4,767	1,103	23	46,976	3,320	7	28,052	1,600	6
Were Ilu	114,282	8,898	8	19,709	1,353	7	3,518	854	24	5,154	698	14	14,894	5,295	36	22,234	2,413	11	48,774	3,738	8
Wegde	90,056	6,700	7	8,306	1,060	13	8,948	1,059	12	11,456	1,787	16	2,983	583	20	39,871	4,018	10	18,492	1,520	8
Kombolcha	1,464	109	7	112	17	15	166	27	16	314	44	14	33	8	25	386	63	16	453	37	8
Dessie	2,822	309	11	296	44	15	212	47	22	436	78	18	81	20	24	930	129	14	866	87	10
North Shewa Zone	1,333,835	20,140	2	116,205	2,302	2	69,526	2,569	4	115,910	3,280	3	60,060	3,261	5	509,579	12,223	2	462,555	7,124	2
Middana Weremo	69,030	4,232	6	4,746	550	12	5,246	683	13	7,679	786	10	979	328	34	38,312	3,340	9	12,069	686	6
Merhabete	100,394	6,383	6	5,802	569	10	7,354	1,108	15	9,491	855	9	6,406	1,811	28	48,327	4,010	8	23,014	1,953	8
Insarona Wayu	68,928	5,453	8	4,077	411	10	4,236	806	19	6,540	989	15	1,994	421	21	29,104	3,547	12	22,976	1,444	6
Moretna Jiru	52,715	3,500	7	2,984	330	11	3,911	608	16	5,188	955	18	2,373	563	24	23,858	2,096	9	14,401	1,177	8
Gera Keya	105,776	6,239	6	11,757	995	8	6,680	688	10	9,381	1,096	12	5,157	1,064	21	38,022	4,213	11	34,778	1,694	5
Geshe	48,830	3,020	6	6,214	329	5	2,616	360	14	4,546	529	12	2,446	347	14	19,177	1,920	10	13,832	723	5
Antsokiya Gemza	43,529	2,607	6	4,381	346	8	2,331	371	16	3,810	408	11	1,265	240	19	19,751	1,779	9	11,993	832	7
Efratana Gidim	66,797	3,478	5	7,401	573	8	3,230	442	14	6,513	640	10	2,653	572	22	29,049	2,670	9	17,951	1,018	6
Lalo Midir	74,930	4,530	6	9,076	662	7	2,901	516	18	4,432	595	13	3,692	854	23	16,835	1,907	11	37,995	2,173	6
Mojana Wedera	51,849	2,681	5	4,443	340	8	1,388	251	18	2,980	377	13	1,791	266	15	15,481	1,657	11	25,766	1,152	4
Tarmaber	73,870	4,524	6	5,455	338	6	2,534	359	14	5,049	470	9	2,747	495	18	31,257	3,387	11	26,828	1,382	5
Kewet	75,416	3,895	5	4,638	496	11	3,927	583	15	7,728	657	9	1,961	519	26	30,161	2,508	8	27,001	2,035	8
Asagirt	54,285	3,702	7	4,881	361	7	3,433	443	13	5,659	588	10	2,956	393	13	20,669	2,035	10	16,688	1,008	6
Angolelana Tera	56,822	2,520	4	4,442	383	9	3,366	427	13	5,511	606	11	3,346	394	12	15,900	1,721	11	24,259	920	4
Ankober	85,835	4,512	5	7,840	450	6	3,399	545	16	5,328	618	12	4,713	724	15	35,109	2,833	8	29,447	1,791	6
Hagere Mariam	51,578	2,560	5	4,057	228	6	2,119	283	13	4,743	453	10	2,976	378	13	16,905	1,445	9	20,779	987	5
Berehet	33,891	1,066	3	3,075	115	4	2,064	175	8	3,452	224	6	2,303	129	6	13,319	631	5	9,677	307	3
Minjarna Shenkora	116,959	9,718	8	9,807	955	10	5,541	920	17	10,332	1,443	14	6,575	1,475	22	40,370	4,563	11	44,334	3,842	9
Debre Berhane	5,190	454	9	618	64	10	264	56	21	504	84	17	254	65	26	1,298	193	15	2,251	211	9
Basona Werana	97,209	5,651	6	10,511	689	7	2,987	720	24	7,045	935	13	3,475	789	23	26,676	3,292	12	46,516	2,199	5
East Gojam Zone	809,702	30,057	4	58,717	2,601	4	59,554	4,010	7	94,354	6,130	7	44,295	3,034	7	281,037	15,804	6	271,745	9,107	3

Annex Table 7.9 (Cont'd)

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
Bibugn	60,841	8,656	14	4,277	465	11	4,300	1,011	24	7,060	1,595	23	3,411	785	23	24,523	5,345	22	17,270	1,590	9
Hulet Ej Enesie	121,192	16,146	13	8,356	1,363	16	6,969	1,137	16	15,040	2,859	19	5,187	1,536	30	50,485	9,176	18	35,155	4,085	12
Goncha Siso Enesie	63,512	6,819	11	5,690	809	14	3,653	783	21	6,303	1,277	20	2,737	741	27	23,551	3,284	14	21,578	2,497	12
Enebse Sar Midir	55,923	4,526	8	3,614	360	10	2,940	593	20	4,472	727	16	2,953	676	23	27,141	3,443	13	14,804	1,445	10
Enarj Enawga	49,789	5,576	11	3,478	492	14	2,102	648	31	5,154	1,044	20	2,470	558	23	17,753	3,149	18	18,831	2,288	12
Enemay	31,729	4,624	15	2,144	357	17	2,483	673	27	3,480	791	23	2,709	558	21	10,623	2,555	24	10,291	1,202	12
Debay Telatgen	27,875	3,543	13	1,963	333	17	1,517	424	28	2,435	688	28	2,099	459	22	8,771	1,812	21	11,090	1,312	12
Machakel	127,233	15,521	12	7,528	1,042	14	11,659	2,516	22	17,018	3,918	23	7,390	1,429	19	43,202	6,646	15	40,436	3,986	10
Gozamin	96,939	10,616	11	8,414	1,070	13	6,484	1,550	24	7,907	1,540	19	5,556	989	18	27,028	5,850	22	41,551	4,176	10
Baso Liben	46,213	5,303	11	3,877	627	16	5,135	732	14	8,483	1,200	14	2,063	610	30	9,951	1,816	18	16,705	2,077	12
Awabel	72,499	6,059	8	5,600	785	14	7,087	1,384	20	9,628	1,446	15	3,268	835	26	18,658	3,041	16	28,258	2,859	10
Dejen	22,935	3,039	13	1,151	244	21	2,598	609	23	3,321	783	24	2,032	419	21	7,511	1,362	18	6,322	737	12
Shebel Berenta	28,265	2,824	10	2,248	357	16	2,296	440	19	3,532	805	23	1,981	350	18	10,336	1,346	13	7,871	792	10
Debre Markos	4,757	389	8	379	37	10	331	66	20	521	71	14	439	77	17	1,504	197	13	1,583	127	8
West Gojam Zone	2,016,039	54,303	3	96,996	3,931	4	159,449	9,485	6	232,818	11,890	5	74,223	7,365	10	1,047,317	34,427	3	405,236	10,340	3
Achefer	396,690	21,906	6	17,608	2,122	12	30,548	5,435	18	47,610	7,277	15	14,402	3,991	28	214,170	13,236	6	72,351	4,479	6
Bahirdar Zuria	346,546	21,161	6	13,582	1,191	9	26,328	3,961	15	41,439	4,771	12	17,096	3,564	21	192,071	14,149	7	56,030	4,482	8
Yilmana Densa	242,775	19,848	8	9,352	992	11	20,645	3,897	19	24,792	3,566	14	9,761	2,461	25	127,656	14,546	11	50,568	4,087	8
Merawi	351,928	22,684	6	14,328	1,318	9	25,656	2,819	11	32,834	2,689	8	8,623	3,269	38	208,639	16,404	8	61,848	2,762	4
Sekela	46,049	5,208	11	2,931	458	16	3,696	804	22	4,482	968	22	2,768	572	21	14,332	2,631	18	17,839	1,991	11
Kuarit	88,096	11,318	13	6,625	895	14	7,411	1,630	22	10,677	1,995	19	4,101	1,196	29	37,297	6,272	17	21,986	2,229	10
Dega Damot	66,296	8,633	13	4,875	810	17	3,843	1,092	28	5,351	1,193	22	3,470	1,259	36	25,798	5,027	19	22,959	2,089	9
Dembecha	116,541	9,396	8	8,214	753	9	11,896	1,886	16	16,104	1,833	11	5,736	1,003	17	43,723	5,353	12	30,869	2,382	8
Jabi Tehnan	172,809	18,686	11	10,914	1,789	16	12,445	2,696	22	21,814	4,328	20	1,990	883	44	86,707	8,386	10	38,939	4,022	10
Bure Wemberma	188,310	21,104	11	8,566	1,173	14	16,982	2,507	15	27,716	4,157	15	6,276	1,932	31	96,924	12,596	13	31,846	2,698	8
Wag Hamra Zone	252,657	14,900	6	22,947	1,881	8	15,312	1,743	11	23,929	2,347	10	18,275	2,172	12	115,986	8,984	8	56,207	3,579	6
Zikuala	38,829	3,422	9	4,894	757	15	2,367	378	16	2,694	436	16	3,690	603	16	14,449	2,091	14	10,734	1,365	13
Sekota	119,919	10,280	9	10,290	1,171	11	6,640	1,289	19	11,706	1,757	15	7,583	1,292	17	59,939	6,467	11	23,762	1,934	8
Dehana	93,910	10,228	11	7,764	1,262	16	6,306	1,110	18	9,529	1,493	16	7,002	1,639	23	41,598	5,875	14	21,711	2,685	12
Awi Zone	810,144	39,720	5	37,331	2,240	6	61,760	5,097	8	81,370	5,934	7	33,378	4,196	13	445,982	26,672	6	150,323	6,010	4
Dangela	290,633	28,021	10	12,725	1,713	13	23,032	3,193	14	28,931	4,050	14	14,385	2,991	21	170,019	19,307	11	41,540	3,892	9
Banja	55,719	6,166	11	3,530	470	13	2,725	790	29	6,006	1,527	25	3,102	837	27	20,799	3,308	16	19,558	1,840	9
Ankasha	157,235	15,885	10	8,502	979	12	13,100	2,892	22	14,781	2,463	17	3,647	997	27	80,663	9,542	12	36,543	2,688	7
Guangua	235,916	21,125	9	9,190	879	10	18,220	2,435	13	24,901	3,026	12	10,165	2,605	26	139,031	14,491	10	34,408	2,908	8
Faggeta Lekoma	70,641	7,473	11	3,384	359	11	4,683	932	20	6,751	1,121	17	2,079	418	20	35,470	5,162	15	18,274	1,381	8
Oromia Zone	308,890	14,521	5	28,528	1,891	7	16,391	1,554	9	27,849	2,186	8	12,266	1,691	14	160,421	8,665	5	63,436	3,880	6
Chefegolana Dawerahimedo	152,714	11,721	8	15,110	1,656	11	8,613	1,341	16	15,207	1,912	13	5,663	1,443	25	77,661	6,674	9	30,461	3,533	12
Bati	71,333	4,828	7	7,363	710	10	3,494	562	16	5,084	571	11	3,419	731	21	37,357	3,058	8	14,616	844	6
Jile Tumuga	33,222	3,829	12	2,300	296	13	1,951	400	20	3,005	487	16	1,278	307	24	17,302	2,306	13	7,387	815	11
Artuma Fursi	51,620	5,959	12	3,755	491	13	2,333	377	16	4,553	747	16	1,906	386	20	28,100	3,984	14	10,972	1,095	10
Bahirdar Special Zone	28,363	3,066	11	1,192	154	13	2,717	464	17	4,017	560	14	599	141	24	13,706	1,679	12	6,133	712	12

Annex Table 7.10- Estimates of Beehives, Standard Error and Coefficient 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
Amhara Region	917,460	22,223	2	866,633	22,076	3	48,900	2,428	5	1,927	742	38
North Gonder Zone	163,457	10,569	6	151,903	10,526	7	11,550	945	8	3	3	77
Addi Arkay	13,137	1,721	13	12,432	1,707	14	705	222	32	-	-	-
Beyeda	3,801	1,369	36	3,781	1,369	36	20	20	100	-	-	-
Janamora	7,254	1,961	27	7,077	1,966	28	176	159	90	-	-	-
Debark	5,969	1,006	17	5,328	889	17	641	372	58	-	-	-
Dabat	7,948	1,372	17	7,508	1,365	18	441	143	32	-	-	-
Sanja	5,205	919	18	5,041	904	18	164	163	100	-	-	-
Lay Armacheho	6,833	1,196	18	6,687	1,198	18	145	80	55	1	1	100
Wegera	6,611	1,728	26	6,319	1,723	27	292	131	45	-	-	-
Gonder Zuria	14,635	2,602	18	13,310	2,593	19	1,325	266	20	-	-	-
Dembia	16,083	2,579	16	14,133	2,556	18	1,949	339	17	-	-	-
Chilga	12,274	2,052	17	12,096	2,050	17	178	76	43	-	-	-
Metema	4,096	1,006	25	3,929	994	25	167	150	90	-	-	-
Quara	6,714	1,550	23	6,714	1,550	23	-	-	-	-	-	-
Alefa	30,467	5,868	19	29,003	5,853	20	1,464	412	28	-	-	-
Belesa	18,765	6,258	33	18,538	6,257	34	227	100	44	-	-	-
Gonder	3,664	465	13	8	4	43	3,654	463	13	2	2	100
South Gonder Zone	127,529	9,657	8	120,361	9,587	8	7,132	1,357	19	36	35	96
Ebenat	18,943	5,590	30	18,883	5,590	30	60	24	40	-	-	-
Kemekem	10,653	1,957	18	9,759	1,942	20	858	250	29	36	35	96
Fogera	21,883	3,781	17	20,377	3,760	18	1,505	394	26	-	-	-
Farta	14,549	2,672	18	14,486	2,672	18	63	36	58	-	-	-
Lay Gayint	5,953	1,221	21	5,566	1,214	22	387	128	33	-	-	-
Tach Gayint	4,750	705	15	4,750	705	15	-	-	-	-	-	-
Simada	11,561	1,790	15	11,070	1,781	16	490	175	36	-	-	-
Estie	22,012	4,551	21	21,442	4,546	21	570	219	38	-	-	-
Dera	16,598	3,286	20	14,026	3,129	22	2,572	1,222	48	-	-	-
Debre Tabor	627	179	29	1	1	100	626	179	29	-	-	-
North Wollo Zone	61,736	6,036	10	60,032	6,008	10	1,609	322	20	95	68	71
Bugna	14,695	3,078	21	14,528	3,077	21	167	78	47	-	-	-
Kobo	5,389	986	18	5,194	982	19	195	91	46	-	-	-
Gidan	4,286	789	18	3,899	765	20	386	195	50	-	-	-
Meket	9,108	2,050	23	8,607	1,987	23	501	193	39	-	-	-
Wadla	5,003	973	19	4,891	969	20	112	84	75	-	-	-
Dawuntna Delanta	12,597	4,276	34	12,597	4,276	34	-	-	-	-	-	-
Guba Lafto	4,712	880	19	4,667	888	19	-	-	-	45	47	103
Habru	5,873	1,073	18	5,649	1,061	19	174	75	43	50	49	98
Weldia	73	40	55	-	-	-	73	40	55	-	-	-

Annex Table 7.10 (Cont'd)

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
South Wollo Zone	118,399	7,444	6	114,995	7,429	6	3,403	459	13	1	1	100
Mekdela	7,231	1,316	18	7,231	1,316	18	-	-	-	-	-	-
Tenta	7,047	1,709	24	6,871	1,706	25	176	95	54	-	-	-
Kutaber	4,356	863	20	4,356	863	20	-	-	-	-	-	-
Ambasel	8,176	1,188	15	8,010	1,198	15	167	80	48	-	-	-
Tehuledere	4,845	1,034	21	4,509	1,028	23	336	116	35	-	-	-
Werebabu	4,489	656	15	4,425	655	15	64	45	71	-	-	-
Kalu	5,805	961	17	5,471	930	17	334	140	42	-	-	-
Dessie Zuria	9,010	2,647	29	8,825	2,646	30	185	85	46	-	-	-
Legambo	3,149	796	25	2,906	786	27	243	122	50	-	-	-
Sayint	13,931	3,524	25	13,823	3,524	25	108	68	64	-	-	-
Debresina	8,630	1,896	22	8,429	1,893	22	201	102	51	-	-	-
Kelala	20,935	4,139	20	20,823	4,138	20	113	61	55	-	-	-
Jama	5,345	1,397	26	5,195	1,394	27	150	89	59	-	-	-
Were Ilu	5,099	1,233	24	4,810	1,223	25	288	157	55	1	1	100
Wegde	9,355	1,354	14	9,310	1,353	15	44	32	73	-	-	-
Kombolcha	467	198	42	-	-	-	467	198	42	-	-	-
Dessie	529	216	41	-	-	-	529	216	41	-	-	-
North Shewa Zone	67,939	2,974	4	61,629	2,849	5	5,519	717	13	791	309	39
Middana Weremo	4,236	590	14	3,882	544	14	354	227	64	-	-	-
Merhabete	4,547	652	14	4,033	611	15	512	226	44	2	2	100
Insarona Wayu	2,702	694	26	2,373	676	28	329	156	48	-	-	-
Moretna Jiru	1,867	410	22	1,818	399	22	49	30	61	-	-	-
Gera Keya	5,321	1,393	26	5,083	1,382	27	238	174	73	-	-	-
Geshe	4,499	619	14	4,466	618	14	33	24	71	-	-	-
Antsokiya Gemza	3,015	640	21	2,599	619	24	387	146	38	29	21	74
Efratana Gidim	4,317	664	15	3,688	620	17	587	185	32	43	43	99
Lalo Midir	4,947	1,004	20	4,615	956	21	217	101	47	116	89	77
Mojana Wedera	2,377	416	17	2,314	413	18	63	45	71	-	-	-
Tarmaber	4,177	778	19	3,937	771	20	240	97	40	-	-	-
Kewet	4,274	641	15	3,056	499	16	1,187	421	35	31	26	85
Asagirt	2,415	463	19	2,307	459	20	37	37	100	70	52	74
Angolelana Tera	1,725	343	20	1,698	342	20	28	28	100	-	-	-
Ankober	4,466	491	11	3,923	413	11	245	111	45	298	256	86
Hagere Mariam	2,748	467	17	2,689	466	17	59	41	71	-	-	-
Berehet	1,677	195	12	1,634	192	12	43	30	71	-	-	-
Minjarna Shenkora	2,908	708	24	2,473	675	27	308	130	42	127	105	83
Debre Berhane	604	257	43	-	-	-	604	257	43	-	-	-
Basona Werana	5,117	810	16	5,042	798	16	-	-	-	75	72	95
East Gojam Zone	89,420	5,461	6	84,517	5,354	6	4,118	610	15	786	661	84
Bibugn	3,978	699	18	3,931	698	18	47	33	71	-	-	-

Annex Table 7.10 (Cont'd)

Geographic Area	ALL BEEHIVES			TRADITIONAL			INTERMEDIATE			MODERN		
	Number	SE	CV	Number	SE	CV	Number	SE	CV	Number	SE	CV
Hulet Ej Enesie	11,625	2,703	23	10,814	2,683	25	811	324	40	-	-	-
Goncha Siso Enesie	6,660	1,186	18	6,372	1,146	18	244	124	51	44	45	100
Enebse Sar Midir	5,726	984	17	5,523	974	18	164	85	52	39	39	100
Enarj Enawga	6,660	1,357	20	6,160	1,346	22	460	162	35	40	42	105
Enemay	3,101	785	25	2,994	783	26	107	59	55	-	-	-
Debay Telatgen	4,654	911	20	4,413	896	20	241	166	69	-	-	-
Machakel	10,065	1,471	15	9,217	1,443	16	848	284	33	-	-	-
Gozamin	10,729	2,249	21	10,521	2,248	21	208	76	36	-	-	-
Baso Liben	9,369	2,297	25	9,232	2,295	25	138	102	74	-	-	-
Awabel	5,676	1,406	25	4,885	1,132	23	129	83	64	661	657	99
Dejen	5,387	1,095	20	5,273	1,092	21	114	92	80	-	-	-
Shebel Berenta	5,178	785	15	5,178	785	15	-	-	-	-	-	-
Debre Markos	610	271	44	3	3	95	607	271	45	-	-	-
West Gojam Zone	132,716	7,049	5	125,097	6,998	6	7,484	847	11	135	96	71
Achefer	15,607	2,549	16	14,700	2,552	17	837	241	29	69	71	103
Bahirdar Zuria	19,706	3,443	17	18,591	3,407	18	1,050	413	39	65	64	99
Yilmana Densa	14,446	2,086	14	14,256	2,080	15	190	148	78	-	-	-
Merawi	20,880	3,026	14	20,236	3,015	15	644	262	41	-	-	-
Sekela	4,565	839	18	4,565	839	18	-	-	-	-	-	-
Kuarit	8,868	1,707	19	8,767	1,705	19	101	78	77	-	-	-
Dega Damot	7,872	1,555	20	7,872	1,555	20	-	-	-	-	-	-
Dembecha	12,423	2,199	18	11,307	2,173	19	1,116	331	30	-	-	-
Jabi Tehnan	15,021	1,761	12	13,232	1,725	13	1,788	358	20	-	-	-
Bure Wemberma	13,329	1,964	15	11,572	1,925	17	1,757	391	22	-	-	-
Wag Hamra Zone	67,224	7,689	11	65,595	7,690	12	1,589	382	24	40	40	100
Zikuala	28,361	6,016	21	27,784	6,022	22	577	74	13	-	-	-
Sekota	22,499	3,128	14	22,408	3,133	14	91	63	69	-	-	-
Dehana	16,364	3,626	22	15,403	3,614	23	921	369	40	40	40	100
Awi Zone	67,768	6,401	9	64,354	6,378	10	3,394	530	16	20	20	100
Dangela	20,872	5,260	25	19,918	5,253	26	955	268	28	-	-	-
Banja	4,996	752	15	4,939	744	15	36	37	102	20	20	100
Ankasha	10,971	1,692	15	10,971	1,692	15	-	-	-	-	-	-
Guangua	26,543	3,072	12	24,337	3,040	12	2,205	441	20	-	-	-
Faggeta Lekoma	4,386	662	15	4,188	652	16	197	114	58	-	-	-
Oromia Zone	18,787	2,799	15	18,150	2,794	15	618	176	28	19	19	96
Chefegolana Dawerahimedo	10,310	2,643	26	10,179	2,642	26	131	73	56	-	-	-
Bati	4,221	723	17	4,073	720	18	128	76	59	19	19	96
Jile Tumuga	1,289	258	20	1,223	250	20	66	66	100	-	-	-
Artuma Fursi	2,967	510	17	2,674	495	19	292	124	42	-	-	-
Bahirdar Special Zone	2,485	889	36	-	-	-	2,485	889	36	-	-	-

CHAPTER VIII

FARM IMPLEMENTS, DRAUGHT ANIMALS AND STORAGE FACILITIES

1. INTRODUCTION

Agriculture is the single largest sector in the Ethiopian economy. The position of the agricultural sector for the past few decades does not only concern the peasants, but on account of the extent of its inputs, outputs and its function as a largest employer of labour has a profound impact on the entire economy. It is worth to point-out that Ethiopia has large resources in terms of land, agricultural labour, draught animals...etc.

Despite all these facts, the average yield of the main food crops and livestock products attained by private peasant holders is very low and it is not adequate to feed the ever-growing population. Because of such prevailing conditions in the agricultural sector, the economy remained at subsistence level. Among the factors that hampered the country not to prosper is the use of primitive farm implements and tools by the peasants to operate their land and to raise livestock.

The role of improved agricultural implements and tools in raising the standard of farming efficiency and increasing average yield of production has been recognized for many years. Land preparation requires modern power source that results in considerable farm efficiency and expansion of production. Seeding and fertilization are among the agricultural operations where animal and tractor drawn machines appear to be capable of greater efficiency than only hand method. Power-driven line sowing and fertilization are more efficient than hand spreading and this is usually expected to result in higher yield for the same amount of fertilizers and seeds.

The traditional unimproved farm implements used by the peasants and the poor conditions of the draught animals are considered to be among the main factors that retarded the agricultural productivity in the country. On the other hand, the development of farm implements can also be crippled by small land size holdings, abundant labour in rural Area. and non-availability of adequate access to modern farm implements, which

the private peasant holders can afford to rent or buy. In general, effective development of farm implements and machineries takes place when land is abundant and labour is being rapidly absorbed by non-agricultural sector, (WB, 1984)

Since development programmes are in progress in Ethiopia, data generated from censuses and sample surveys on different types of agricultural outputs and inputs are necessary for assessments, evaluation and formulation of programmes and policies in the sector. One of the objectives of this census was to provide benchmark data that can help to assess the growth, quantity, quality and value of farm implements and other farm equipment used by the private peasant holders so as to easily identify the implements that are abundant and those that are in short supply. The structural characteristics of these farm implements and other farm equipment do not change much from year to year and such data are usually obtained from a census of agriculture, which is conducted every 5 or 10 years. Data on farm implements and other farm equipment were not collected in Ethiopia and much is not known about the status and growth of these implements. Thus, in the Ethiopian agricultural census conducted in 2001/2002, data was collected on farm implements and other farm equipment. These farm implements include, implements used for clearing land, cultivation, harvesting, threshing and others.

In this census draught animals comprises animals engaged specifically in ploughing, threshing and farm transport facilities. Replacement value was one of the variables covered by this census. Replacement value is the amount it would cost to replace farm implement, equipment, draught animal and storage facilities with those that are similar in terms of origin, age, quality or condition.

In this chapter the classification of farm implements, farm equipment, draught animals and storage facilities are presented in Section 2. Brief discussions of data on Summary Tables VIII.1 to VIII.3 are also provided in Section 3. Statistical Tables presenting the census results at zonal and wereda levels are also given as Table series 8.1A - 8.34A and 8.1B-8.34B. Finally, the estimates, Standard Errors (S.E.) and Coefficients of Variation (C.V.) on number of holders reporting, number of farm implements reported and total value are presented in the Annex Tables to this chapter.

2. CLASSIFICATION OF FARM IMPLEMENTS, OTHER FARM EQUIPMENT AND DRAUGHT ANIMALS

The farm implements and draught animals reported were classified into the following eight groups: -

- Implements used for clearing land,
- Implements used for cultivation,
- Parts for traditional plough,
- Implements used for harvesting,
- Implements used for threshing,
- Other farm equipment,
- Draught animals for farm activity, and
- Storage facilities.

These eight groups further broken down to include the following implements and other farm equipment:

2.1 Implements used for clearing land

a) Axes,

b) 'Gejera '(Chopper), and

c) Shovel.

2.2 Implements used for cultivation

a) Hoe,

b) 'Mekeskesha',

c) Pick-Axe, and

d) Tractor.

2.3 Parts for traditional plough

a) 'Deger',

b) 'Erfe',

c) Plough-Beam,

d) Plough-Tip, and

e) 'Wegel'-Tip.

2.4 Implements used for harvesting

a) Sickle.

2.5 Implements used for threshing

a) Hay- Fork (metal or wood),

c) Threshing Stick, and

d) Winnower (metal or wood).

2.6 Other farm equipment

a) Cart (hauling),

b) Sprayer (hand operated),

c) Sprayer (power operated),

d) Ting Tool, and

e) Wheelbarrow.

2.7 Draught animals

a) Animals deployed specifically in ploughing: -

- Ass/Donkey,
- Camel,
- Horse,
- Mule, and
- Ox.

b) Animals deployed in threshing or transportation: -

- Ass/Donkey,
- Camel,
- Cattle (Working Age),
- Horse, and
- Mule.

2.8 Storage facilities

a) 'Debignit'(Local storage),

b) 'Gottera' (Local storage),

c) 'Gudguad'(Local storage), and

d) Modern storage.

Definitions of storage facilities

'Debignit': - Is a round vessel of earthenware storage attached with the wall of a house. The shape of 'Debignit' is similar to the shape of a barrel. Debignit is usually around 1 meter high and 0.5-metres wide.

'Gottera': - Is storage made of bamboo plant. The bamboo is split and then crisscrossed and woven like a giant basket. Finally, it is laminated with a mixture of animal dung and dry grass (straw). 'Gottera' is usually about 1-3 metres high and about 1 metre wide.

'Gudguad': - Is an underground storage, which is formed by digging the ground with certain depth and radius. The wall of 'Gudguad' is usually laminated with animal dung.

Modern storage: - Is a storage that has a better quality in protecting grains from humidity and pests than the above mentioned storages.

3. ESTIMATES OF FARM IMPLEMENTS, DRAUGHT ANIMALS AND STORAGE FACILITIES.

The type, quality and quantity of tools and implements in use usually indicate the level of farming practice and agricultural development of a country. Hence, the results of this census can give us some highlights to evaluate the farming system in the region. In this report farm implements are grouped in terms of their operation and this can help to make

appropriate comparisons. The data collection period for farm implements and draught animals (Chapter VIII) was March, 2001/02, while for area, production and land utilization was in september/October, 2001/02. This time difference has resulted in some discrepancy of estimated number of crop holders shown in chapter VIII and other Chapter

3.1 Farm Implements and Tools

The data in Summary Table VIII.1 indicates that the number of holders reporting axe was the highest followed by shovel while 'Gejera' (Chopper) was the lowest. In Amhara Region it is estimated that there were about 2,989,354 crop holders in rural areas of which about 2,549,099 (84.21%) reported to own axes, about 15.54% reporting shovel, and 5.63 reporting 'Gejera'. Among the farm implements used for clearing land, the number of observation for axe was highest and the total value for axe was also the highest followed by shovels. The expected duration of service of an axe,'Gejera' and shovel was estimated to be 9 years each.

One of the labour and power intensive farm activities is cultivation. It comprises digging, ploughing, sowing and weeding. In order to accomplish such operations, the Ethiopian peasants use hoe, 'Mekeskesha', pick-axe, traditional plough and rarely tractors. Among these farm implements and tools pick-axe was the highest in terms of number of holders reporting, total number of implements reported and total value. The second highest was hoe while 'Mekeskesha' was the lowest. The data in Summary Table VIII.4 reveled that the percentage distribution of the Number of Crop Holders that Owned one, two, three, four and five and above pick- axes was 26.12%, 8.62%, 2.14%, 0.56% and 0.3% respectively. It is also shown that sickle is reported as the only harvesting tool. For details, see Summary Table VIII.1.

3.2 Draught Animals

Peasants in Ethiopia use domestic animals for draught purpose. In several parts of the country since most of the holdings are far from residence and as a result asses, horses, mules and camels are used to transport various types of goods and agricultural products from holding to residence and vice-versa. As it is indicated in Summary Table VIII.2 among the domestic animals that are used for ploughing, ox was the highest in terms of

number of holders reporting (2,122,013), number of oxen reported (3,769,055) and total value the oxen amounted to 2.1 billion Birr. About 2.2 million holders (74.94% of the total crop holders in rural areas in the region) reported 5,776,762 cattle (working age cattle) used for threshing and these cattle had a value of over 2.9 billion Birr and the average replacement value of a working age cattle was about 216.15 Birr. It was also indicated that asses, horses and mules were used by the holders for threshing and transportation. The estimated number and percentage distribution of crop holders in rural areas that owned implements, equipment and draught animals are shown in Summary Table VIII.4. In Amhara region the agricultural census result shows that there were about 2,989,354 crop holders in rural areas. Among these 31.9%, 33.29%, 3.8%, 1.65%, and 0.36% holders owned one, two, three, four, and five and above oxen. On the other hand about 29.01% of the holders did not own ox. For details, see Summary Table VIII.4.

3.3 Storage Facilities

One of the methods that minimize post harvest production losses is the usage of modern storage facilities. During the census, data was collected on modern storage facilities and the unimproved local storage facilities such as 'Debignit', 'Gottera' and 'Gudguad'. In this census, buildings or any structure used as storage facilities and other containers that have better storage quality to protect agricultural products from humidity and pests are considered as modern storage facilities.

The data in Summary Table VIII.3 shows the number of holders reporting storage facilities and number of such facilities. Thus, the data in the table reveals that 'Debignit' was reported by the highest number of holders. On the other hand, modern storage facilities we reported by insignificant number of holders. The total value of all reported storage facilities was assessed to be 78,157,204 Birr, of which 54.8% and 32.8% comprises of 'Debigint' and 'Gottera', respectively. The percentage distribution of the Number of Crop Holders that Owned 'Debigint' and 'Gottera' is presented in Summary Table VIII.4.

SUMMARY TABLE VIII.1: -Number and Percentage of Holders Reporting Implements and Other Farm Equipment by type, Quantity Reported, Replacement Value, and Duration of Implement, for Private Holdings.

Implements and Equipment	Number of Holders Reporting	Percent of Total Holders	Number of Implements and Equipment		Total Value of Imp. and Eq. (Birr)	Average Replacement Value Per Imp. and Eq. (Birr)	Average Duration of Service of Imp. and Eq. (Years)
			Total Reported	# Average Per Holder			
Used for Clearing Land							
Axes	2,517,188	84.21	4,524,079	1.51	27,793,994	3.46	9
'Gejeras' (Choppers)	168,214	5.63	183,993	0.06	1,701,068	8.47	9
Shovels	464,678	15.54	493,115	0.16	4,253,731	8.19	9
Used for Cultivation							
Hoes	396,827	13.27	537,512	0.18	2,814,556	4.23	7
'Mekeskeshas'	87,567	2.93	134,105	0.04	706,148	3.76	6
Pick-Axes	1,127,777	37.73	1,614,266	0.54	9,070,464	4.16	7
Tractors	-	-	-	-	-	-	-
Parts for traditional Plough							
'Degers'	2,311,694	77.33	4,685,784	1.57	9,920,742	1.08	2
'Erfes'	2,297,082	76.84	3,935,134	1.32	6,415,309	0.96	2
Plough - Beams	2,329,211	77.92	4,030,791	1.35	27,983,262	4.27	4
Plough -Tips	2,283,412	76.38	2,628,066	0.88	48,590,555	16.03	8
'Wegel'-Tips	2,282,885	76.37	2,556,122	0.86	10,792,587	3.77	6
Yokes	2,294,919	76.77	2,788,608	0.93	16,174,215	4.85	6
Used for Harvesting							
Sickles	2,686,409	89.87	5,507,067	1.84	30,832,048	2.97	5
Used for Threshing							
Hay-Forks (metal)	45,811	1.53	56,272	0.02	592,850	9.21	11
Hay-Forks (wood)	1,802,766	60.31	3,124,631	1.05	10,472,226	1.97	5
Threshing Sticks	264,831	8.86	537,963	0.18	626,661	0.65	2
Winnowers (metal)	8,363	0.28	10,171	0.00	73,906	6.07	9
Winnowers (wood)	1,014,103	33.92	1,163,325	0.39	8,335,239	6.31	9
Other farm Equipment							
Carts	2,145	0.07	2,815	0.00	354,538	125.16	5
Sprayers (Hand operated)	10,711	0.36	14,981	0.01	1,311,584	84.39	6
Sprayers(Power operated)	*	-	*	-	*	-	-
Tying Tools	*	-	*	-	*	*	*
Wheelbarrows	946	0.03	946	0.00	69,408	73.37	16

Average per holder is the ratio of total number of each implement reported to total number of crop holders in rural areas in the region.

* Total number of crop holders comprises, holders participated in crop production only and both crop production and livestock rearing.

SUMMARY TABLE VIII.2: -Number and Percentage of Holders Reporting Draught Animals, Quantity Reported, Replacement Value, and Average Age of Animal, for Private Holdings.

Animals	Number of Holders Reporting	Percent of Total Holders	Number of Animals		Total Value of Animals (Birr)	Average Replacement Value Per Animal (Birr)	Average Age of Animal (Years)
			Total Reported	# Average Per Holder			
Used for Ploughing							
Asses	20,736	0.69	26,095	0.01	10,085,830	301.51	8
Camels	•	-	•	-	•	•	•
Horses	59,714	2.00	85,860	0.03	30,118,066	244.95	8
Mules	3,729	0.12	4,096	0.00	3,038,525	676.91	10
Oxen	2,122,013	70.99	3,769,055	1.26	2,145,166,659	338.12	8
Used for Threshing or Transportation							
Asses	886,442	29.65	1,105,496	0.37	188,781,125	141.87	8
Camels	9,154	0.31	12,764	0.00	12,201,756	727.40	7
Cattle	2,240,133	74.94	5,776,762	1.93	2,996,251,337	216.15	8
Horses	165,919	5.55	232,426	0.08	75,913,894	250.95	8
Mules	60,896	2.04	65,567	0.02	52,741,268	757.95	10

Average per holder is the ratio of total number of each draught animal reported to total number of crop holders in rural areas in the region.
- Total number of crop holders comprises, holders participated in crop production only and both crop production and livestock rearing.

SUMMARY TABLE VIII.3: - Number and Percentage of Holders Reporting Storage facilities, Quantity Reported, Replacement Value, and Storage Capacity, for Private Holdings.

Storage Structure	Number of Holders Reporting	Percent of Total Storage Holders	Number of Storages		Total Value of Storages (Birr)	Average Replacement Value Per Storage (Birr)	Average Storage Capacity Per Storage (Quintal)
			Total Reported	# Average Per Holder			
'Debignits'	2,202,125	73.67	6,107,517	2.04	42,857,551	2.42	4
'Gotteras'	1,030,710	34.48	1,970,926	0.66	25,645,365	6.89	8
'Gudguads'	324,494	10.85	414,314	0.14	8,873,563	17.55	10
Modern Storage Structures	5,208	0.17	10,119	0.00	780,725	63.15	17

Average per holder is the ratio of total number of each storage facility reported to total number of crop holders in rural areas in the region.
- Total number of crop holders comprises, holders participated in crop production only and both crop production and livestock rearing.

SUMMARY TABLE VIII.4: -Number of Crop Holders that Owned Farm Implement, Equipment and Draught Animals.

Name of Implement, Equipment, and Draught Animal	Number of Crop Holders that Owned											
	No Implement, Equipment, or Draught Animal		One Implement, Equipment, and Draught Animal		Two Implements, Equipment, and Draught Animals		Three Implements, Equipment, and Draught Animals		Four Implements, Equipment, and Draught Animals		Five and above Implements, Equipment, and Draught Animals	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Used for Clearing Land												
Axes	472,143	15.79	1,131,142	37.84	966,695	32.34	306,744	10.26	80,70	2.70	31,923	1.07
Gejera'	2,821,140	94.37	155,764	5.21	11,428	0.38	540	0.02	11	0.00	363	0.01
Shovel	2,524,653	84.45	440,133	14.72	22,116	0.74	1,795	0.06	22	0.01	437	0.01
Used for Cultivation												
Hoes	2,592,505	86.72	305,458	10.22	65,754	2.20	17,692	0.59	4,96	0.17	2,980	0.10
'Mekeskeshas'	2,901,787	97.07	54,303	1.82	23,687	0.79	6,773	0.23	2,13	0.07	672	0.02
Pick- Axes	1,861,554	62.27	780,685	26.12	257,540	8.62	64,113	2.14	16,62	0.56	8,842	0.30
Tractors	2,989,354	100.00	-	-	-	-	-	-	-	-	-	-
Parts for traditional Plough												
'Degers'	677,636	22.67	819,907	27.43	1,078,827	36.09	89,971	3.01	270,89	9.06	52,114	1.74
'Erfes' (Handle)	692,144	23.15	1,175,981	39.34	831,605	27.82	195,032	6.52	67,70	2.26	26,889	0.90
Plough-Beam	660,120	22.08	1,075,000	35.96	931,619	31.16	237,458	7.94	63,64	2.13	21,511	0.72
Plough -Tips	705,920	23.61	1,963,653	65.69	303,518	10.15	13,255	0.44	1,89	0.06	1,110	0.04
'Wegel' -Tips	706,445	23.63	2,035,193	68.08	231,909	7.76	11,467	0.38	2,72	0.09	1,620	0.05
Yokes	694,412	23.23	1,845,378	61.73	418,122	13.99	23,469	0.79	6,51	0.22	1,456	0.05
Used for Harvesting												
Sickles	302,819	10.13	930,582	31.13	1,086,838	36.36	421,534	14.10	161,53	5.40	86,042	2.88
Used for Threshing												
Hay-Forks (Metal)	2,943,543	98.47	37,631	1.26	6,917	0.23	764	0.03	36	0.01	135	0.00
Hay-Forks (Wood)	1,186,462	39.69	898,018	30.04	630,648	21.10	186,040	6.22	59,45	1.99	28,730	0.96
Threshing Sticks	2,724,500	91.14	131,497	4.40	72,643	2.43	25,411	0.85	17,87	0.60	17,424	0.58
Winnowers (Metal)	2,980,990	99.72	7,339	0.25	714	0.02	138	0.00	1	0.00	157	0.01
Winnowers (Wood)	1,975,147	66.07	882,564	29.52	119,765	4.01	8,401	0.28	2,53	0.08	943	0.03
Other Farm Equipment												
Carts	2,987,208	99.93	1,642	0.05	381	0.01	80	0.00	4	0.00	-	-
Sprayers (Hand Operated)	2,978,643	99.64	7,927	0.27	1,797	0.06	734	0.02	16	0.01	89	0.00
Sprayers (Power Operated)	2,989,189	99.99	38	0.00	102	0.00	25	0.00	-	-	-	-
Tying Tools	2,989,234	100.00	120	0.00	-	-	-	-	-	-	-	-
Wheelbarrows	2,988,408	99.97	946	0.03	-	-	-	-	-	-	-	-
Animals Used for Ploughing												
Asses	2,968,619	99.31	16,078	0.54	4,206	0.14	352	0.01	7	0.00	25	0.00
Camels	2,989,260	100.00	57	0.00	37	0.00	-	-	-	-	-	-
Horses	2,929,640	98.00	37,878	1.27	18,675	0.62	2,391	0.08	62	0.02	141	0.00
Mules	2,985,625	99.88	3,387	0.11	317	0.01	25	0.00	-	-	-	-
Oxen	867,214	29.01	953,497	31.90	995,066	33.29	113,578	3.80	49,34	1.65	10,653	0.36
AnimalsUsed for Threshing or Transportation												
Asses	2,102,809	70.34	731,149	24.46	134,385	4.50	16,454	0.55	2,15	0.07	2,404	0.08
Camels	2,980,199	99.69	6,556	0.22	1,962	0.07	435	0.01	12	0.00	81	0.00
Cattle	749,094	25.06	685,033	22.92	785,388	26.27	353,875	11.84	213,73	7.15	202,232	6.77
Horses	2,823,436	94.45	123,645	4.14	34,270	1.15	6,615	0.22	1,03	0.03	352	0.01
Mules	2,928,459	97.96	57,089	1.91	3,598	0.12	72	0.00	2	0.00	109	0.00
Storage Structure												
'Debignits'	787,101	26.33	389,562	13.03	676,932	22.64	601,489	20.12	325,25	10.88	209,015	6.99
'Gotteras'	1,958,646	65.52	488,789	16.35	322,221	10.78	138,015	4.62	52,95	1.77	28,725	0.96
'Gudguads'	2,664,837	89.14	261,549	8.75	47,468	1.59	10,210	0.34	2,96	0.10	2,325	0.08
Modern Storages	2,984,146	99.83	2,609	0.09	1,176	0.04	931	0.03	18	0.01	305	0.01

STATISTICAL TABLES PRESENTING THE CENSUS RESULTS AT ZONAL AND WOREDA LEVELS

Tables 8.1A- 8.34A.

TABLE 8.1A: - Number of Holders Reporting Axe Owned, Quantity Reported, Replacement Value, and Duration of Service of Axe, for Private Holdings.

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Axes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Axe (Birr)	Average Duration of Service of Axe (Years)
Amhara Region	2,989,354	2,517,188	4,524,079	1.51	27,793,994	3.46	9
North Gonder Zone	426,798	330,425	547,828	1.28	5,210,108	5.96	10
Addi Arkay	23,992	17,725	23,310	0.97	369,888	12.07	10
Beyeda	17,537	9,853	12,618	0.72	119,343	7.04	8
Janamora	29,184	16,634	21,957	0.75	239,610	8.35	9
Debark	21,492	14,454	19,524	0.91	272,878	10.41	11
Dabat	24,578	18,011	26,333	1.07	276,420	7.25	11
Sanja	24,523	22,784	35,111	1.43	782,901	15.14	8
Lay Armacheho	24,975	21,028	35,043	1.40	293,899	4.92	10
Wegera	37,057	27,073	46,491	1.25	277,400	3.81	13
Gondar Zuria	38,957	33,016	59,697	1.53	321,826	2.96	9
Dembia	41,272	28,519	42,500	1.03	319,622	4.77	9
Chilga	32,286	27,066	49,295	1.53	470,543	5.26	14
Metema	10,152	9,616	19,058	1.88	246,450	6.87	10
Quara	9,401	8,815	15,292	1.63	187,262	7.20	8
Alefa	46,244	36,508	60,245	1.30	491,300	4.86	9
Belesa	45,148	39,321	81,355	1.80	540,765	3.22	8
South Gonder Zone	374,252	303,091	531,229	1.42	2,774,097	3.03	9
Ebenat	41,969	35,044	62,256	1.48	296,268	2.66	9
Kemekem	30,786	24,873	54,642	1.77	260,825	2.27	7
Fogera	40,393	30,403	53,439	1.32	223,668	2.55	9
Farta	47,634	41,411	69,416	1.46	392,175	3.26	9
Lay Gayint	39,303	27,041	36,296	0.92	245,834	4.92	9
Tach Gayint	20,270	16,471	27,598	1.36	146,433	3.05	10
Simada	47,033	38,451	66,123	1.41	377,898	3.51	10
Estie	63,489	52,428	92,322	1.45	548,459	3.37	9
Dera	43,376	36,968	69,138	1.59	282,536	2.17	9
North Wollo Zone	307,669	259,067	464,202	1.51	2,598,632	3.13	7
Bugna	46,716	38,815	65,834	1.41	373,552	3.44	6
Kobo	41,472	36,616	70,836	1.71	362,769	2.62	9
Gidan	34,560	24,775	37,990	1.10	268,538	4.75	6
Meket	48,107	41,658	76,451	1.59	454,105	3.08	6
Wadala	26,661	22,113	36,559	1.37	192,321	3.10	7
Dawutna Delanta	35,910	28,761	49,788	1.39	254,188	2.97	6
Guba Lafto	35,600	31,406	57,093	1.60	340,930	3.32	8
Habru	38,645	34,923	69,650	1.80	352,228	2.47	6
South Wollo Zone	491,860	439,048	824,501	1.68	4,598,427	2.92	8
Mekdela	30,731	27,084	43,960	1.43	266,210	3.64	8
Tenta	35,460	31,114	51,051	1.44	283,491	3.26	7
Kutaber	21,652	20,647	46,270	2.14	317,527	3.03	10
Ambasel	26,365	25,004	53,189	2.02	319,073	2.77	10
Tehuledere	23,671	22,414	43,823	1.85	228,186	2.59	8
Werebabu	21,260	20,102	45,656	2.15	254,928	2.42	7
Kalu	39,177	37,172	86,497	2.21	416,980	2.13	7
Dessie Zuria	64,934	58,379	117,172	1.80	657,324	2.82	12
Legambo	35,598	28,398	41,499	1.17	173,792	2.77	7
Sayint	44,853	42,341	76,711	1.71	451,241	3.36	10
Debresina	36,673	31,355	54,584	1.49	319,609	3.26	9
Kelala	29,924	27,335	49,968	1.67	281,359	2.98	6
Jama	25,068	20,221	31,316	1.25	188,032	3.70	8
Were Ilu	29,715	23,771	38,211	1.29	195,633	3.02	7
Wegde	26,779	23,712	44,594	1.67	245,042	2.88	7
North Shewa (Amhara) Zone	338,763	291,290	556,624	1.64	2,956,683	2.75	9
Middana Weremo	16,652	15,421	30,871	1.85	117,439	1.85	7
Merhabete	23,035	21,656	46,687	2.03	162,707	1.56	6
Insarona Wayu	24,523	19,607	35,822	1.46	178,105	2.69	10
Moretna Jiru	17,289	15,103	27,015	1.56	90,185	1.84	6

TABLE 8.1A: - Number of Holders Reporting Axe Owned, Quantity Reported, Replacement Value, and Duration of Service of Axe, for Private Holdings.(Continued.)

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Axes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Axe (Birr)	Average Duration of Service of Axe (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	22,827	37,195	1.36	185,492	2.98	9
Geshe	11,701	10,218	18,753	1.60	90,491	2.57	10
Antsokiya Gemza	12,985	11,838	20,645	1.59	109,337	2.94	7
Efratana Gidim	18,721	16,748	30,198	1.61	159,670	2.85	7
Lalo Midir	23,780	19,882	34,972	1.47	183,281	3.19	10
Mojana Wadera	14,989	11,972	22,201	1.48	115,300	2.75	12
Tarma Ber	17,150	15,242	32,442	1.89	154,312	2.14	9
Kewet	20,399	18,147	36,419	1.79	172,015	2.26	9
Asagirt	9,625	8,449	16,981	1.76	99,460	2.93	12
Angolelana Tera	14,930	11,493	18,180	1.22	121,146	3.99	13
Ankober	15,834	14,519	29,713	1.88	181,030	2.94	8
Hagere Mariam	10,654	9,193	17,960	1.69	141,860	4.00	11
Berehet	5,414	5,056	10,675	1.97	69,116	3.09	9
Minjarna Shenkora	22,920	18,828	41,728	1.82	336,076	3.66	12
Basona Werana	30,894	25,092	48,167	1.56	289,664	3.24	11
East Gojam Zone	377,208	315,299	561,723	1.49	3,572,957	3.52	10
Bibugn	20,380	17,083	28,118	1.38	155,862	3.36	9
Hulet Ej Enese	42,922	34,823	62,565	1.46	312,897	2.80	10
Goncha Siso Enese	26,631	22,666	39,136	1.47	232,364	3.45	9
Enbise Sar Midir	26,244	22,432	38,525	1.47	325,674	3.49	8
Enarj Enawga	31,408	25,205	44,725	1.42	381,696	4.35	11
Enemay	26,307	20,018	34,323	1.30	251,697	4.25	10
Debay Telatgen	24,182	17,326	23,517	0.97	233,307	7.70	12
Machakel	38,432	36,220	78,909	2.05	402,034	2.35	11
Guzamn	42,814	36,346	64,876	1.52	432,862	3.81	11
Baso Liben	26,092	23,376	39,417	1.51	200,490	3.01	8
Awabel	32,111	25,707	45,661	1.42	302,729	3.93	8
Dejen	20,267	17,396	29,807	1.47	200,582	3.94	9
Shebel Berenta	19,419	16,703	32,144	1.66	140,763	2.17	7
West Gojam Zone	371,763	319,267	576,878	1.55	3,188,907	3.05	10
Achefer	47,990	42,058	70,227	1.46	309,993	2.59	9
Bahir Dar Zuria	44,777	38,128	81,114	1.81	382,763	2.20	9
Yilman Densa	53,378	44,029	79,875	1.50	427,826	2.96	10
Merawi	47,811	42,330	72,905	1.52	383,919	3.05	10
Sekela	25,751	21,613	39,139	1.52	190,846	2.79	8
Kuarit	30,012	23,791	34,961	1.16	262,962	5.05	12
Dega Damot	28,781	23,818	34,878	1.21	290,730	5.64	10
Dembecha	21,896	20,519	43,676	1.99	254,191	2.61	10
Jabi Tehnan	35,596	30,403	57,982	1.63	326,929	2.91	9
Bure Wemberma	35,772	32,580	62,119	1.74	358,748	2.82	9
Waghamra Zone	75,654	60,358	87,019	1.15	743,205	5.96	7
Zikuala	13,305	11,373	16,846	1.27	203,479	8.11	7
Sekota	33,740	26,511	38,435	1.14	281,204	5.03	7
Dehana	28,610	22,474	31,737	1.11	258,521	5.94	7
Awi Zone	152,723	132,585	245,661	1.61	1,523,104	3.27	10
Dangela	33,997	30,290	55,553	1.63	376,363	3.52	10
Banja	25,927	21,987	42,059	1.62	271,890	3.33	12
Ankesha	38,056	33,346	64,059	1.68	323,860	2.56	9
Guangua	31,273	27,191	49,467	1.58	304,571	3.26	9
Faggeta Lekoma	23,471	19,771	34,523	1.47	246,420	4.12	11
Oromia Zone	72,663	66,758	128,415	1.77	627,875	2.47	7
Chefe Golana Dawe Rahimedo	30,075	27,849	51,786	1.72	262,063	2.69	7
Bati	16,309	15,205	37,458	2.30	194,887	2.10	8
Jile Tsumiga	11,838	10,583	17,420	1.47	70,902	2.40	7
Artuma Fursi	14,442	13,121	21,750	1.51	100,022	2.66	7

TABLE 8.2A: - Number of Holders Reporting 'Gejera' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Gejera', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gejeras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gejera' (Birr)	Average Duration of Service of 'Gejera' (Years)
Amhara Region	2,989,354	168,214	183,993	0.06	1,701,068	8.47	9
North Gonder Zone	426,798	61,679	67,411	0.16	771,571	10.24	10
Addi Arkay	23,992	13,967	15,993	0.67	259,436	13.95	9
Beyeda	17,537	2,451	2,515	0.14	21,929	8.50	7
Janamora	29,184	2,042	2,118	0.07	21,874	10.03	11
Debark	21,492	5,782	6,459	0.30	93,495	12.87	9
Dabat	24,578	7,141	7,777	0.32	97,479	11.14	11
Sanja	24,523	4,936	5,780	0.24	58,290	8.23	6
Lay Armacheho	24,975	12,469	13,509	0.54	97,472	6.66	10
Wegera	37,057	3,588	3,640	0.10	29,902	8.07	11
Gondar Zuria	38,957	2,312	2,346	0.06	19,508	8.19	13
Dembia	41,272	•	•	•	•	•	•
Chilga	32,286	2,141	2,226	0.07	22,434	9.60	23
Metema	10,152	1,193	1,199	0.12	12,139	10.11	10
Quara	9,401	264	323	0.03	2,617	6.86	7
Alefa	46,244	517	596	0.01	•	7.36	8
Belesa	45,148	1,194	1,194	0.03	12,052	10.09	8
South Gonder Zone	374,252	6,756	8,176	0.02	50,627	5.56	9
Ebenat	41,969	320	320	0.01	2,861	8.94	•
Kemekem	30,786	1,096	1,096	0.04	8,516	7.77	11
Fogera	40,393	3,465	4,377	0.11	21,074	3.92	8
Farta	47,634	•	•	•	•	•	•
Lay Gayint	39,303	•	•	•	•	•	•
Tach Gayint	20,270	302	302	0.01	2,022	6.69	15
Simada	47,033	228	•	•	•	•	•
Estie	63,489	•	•	•	•	•	•
Dera	43,376	•	•	•	•	•	•
North Wollo Zone	307,669	17,789	18,751	0.06	153,904	7.91	8
Bugna	46,716	9,192	9,495	0.20	67,893	6.97	7
Kobo	41,472	4,191	4,369	0.11	50,073	10.89	9
Gidan	34,560	1,051	1,143	0.03	6,139	5.21	5
Meket	48,107	282	403	0.01	2,706	•	6
Wadala	26,661	351	383	0.01	5,752	14.81	9
Dawutna Delanta	35,910	667	667	0.02	5,944	8.91	•
Guba Lafto	35,600	851	903	0.03	8,118	8.70	11
Habru	38,645	1,204	1,389	0.04	7,280	4.80	6
South Wollo Zone	491,860	7,316	8,481	0.02	82,684	9.22	12
Mekdela	30,731	•	•	•	•	•	•
Tenta	35,460	1,024	1,024	0.03	8,716	8.51	11
Kutaber	21,652	606	741	0.03	10,535	11.17	14
Ambasel	26,365	293	293	0.01	6,086	20.77	12
Tehuledere	23,671	858	930	0.04	8,113	8.02	13
Werebabu	21,260	361	•	•	3,758	•	8
Kalu	39,177	686	791	0.02	6,289	7.41	13
Dessie Zuria	64,934	1,389	1,464	0.02	14,914	10.03	11
Legambo	35,598	216	258	0.01	1,251	4.12	•
Sayint	44,853	•	•	•	•	•	•
Debresina	36,673	•	•	•	•	•	•
Kelala	29,924	•	•	•	•	•	•
Jama	25,068	•	•	•	•	•	•
Were Ilu	29,715	•	•	•	•	•	•
Wegde	26,779	•	•	•	•	•	•
North Shewa (Amhara) Zone	338,763	2,798	2,992	0.01	28,579	9.12	12
Middana Weremo	16,652	•	•	•	•	•	•
Merhabete	23,035	•	•	•	•	•	•
Insarona Wayu	24,523	•	•	•	•	•	•
Moretna Jiru	17,289	•	•	•	•	•	•

TABLE 8.2A: - Number of Holders Reporting 'Gejera' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Gejera', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gejeras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gejera' (Birr)	Average Duration of Service of 'Gejera' (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	*	*	*	*	*	*
Geshe	11,701	*	*	*	*	*	*
Antsokiya Gemza	12,985	472	490	0.04	3,345	6.75	10
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	*	*	*	*	*	*
Tarma Ber	17,150	138	138	0.01	1,258	9.11	*
Kewet	20,399	*	*	*	*	*	*
Asagirt	9,625	101	127	0.01	983	6.02	*
Angolelana Tera	14,930	114	131	0.01	1,025	7.55	*
Ankober	15,834	*	*	*	*	*	*
Hagere Mariam	10,654	167	167	0.02	1,469	8.80	12
Berehet	5,414	51	68	0.01	988	10.49	6
Minjarna Shenkora	22,920	483	483	0.02	6,492	13.44	15
Basona Werana	30,894	213	213	0.01	*	*	16
East Gojam Zone	377,208	3,503	3,934	0.01	39,807	9.47	12
Bibugn	20,380	396	447	0.02	4,826	10.61	14
Hulet Ej Enese	42,922	-	-	-	-	-	-
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	683	791	0.03	5,959	7.00	10
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	336	336	0.01	3,258	9.70	14
Debay Telatgen	24,182	*	*	*	*	*	*
Machakel	38,432	501	501	0.01	4,310	8.60	12
Guzamn	42,814	234	*	*	*	*	*
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	520	656	0.02	11,430	*	8
Dejen	20,267	170	170	0.01	1,197	7.04	9
Shebel Berenta	19,419	*	*	*	*	*	*
West Gojam Zone	371,763	7,247	7,997	0.02	52,109	5.93	11
Achefer	47,990	849	1,023	0.02	*	5.58	13
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	1,208	1,289	0.03	5,807	4.35	11
Sekela	25,751	429	466	0.02	1,927	3.98	9
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	-	-	-	-	-	-
Dembecha	21,896	362	362	0.02	3,925	10.84	13
Jabi Tehnan	35,596	1,128	1,177	0.03	6,763	5.66	9
Bure Wemberma	35,772	2,988	3,068	0.09	21,161	6.78	12
Waghamra Zone	75,654	50,430	55,076	0.73	446,964	7.48	6
Zikuala	13,305	8,028	9,711	0.73	81,341	7.12	6
Sekota	33,740	25,457	27,284	0.81	216,999	7.41	7
Dehana	28,610	16,945	18,081	0.63	148,624	7.78	6
Awi Zone	152,723	7,763	8,166	0.05	44,134	5.23	10
Dangela	33,997	2,597	2,597	0.08	20,189	7.77	12
Banja	25,927	659	696	0.03	2,524	3.47	11
Ankesha	38,056	1,877	1,877	0.05	7,175	3.82	8
Guangua	31,273	2,076	2,410	0.08	11,112	4.11	7
Faggeta Lekoma	23,471	*	*	*	3,135	*	*
Oromia Zone	72,663	2,932	3,007	0.04	30,690	10.10	8
Chefe Golana Dawe Rahimedo	30,075	982	1,022	0.03	9,700	9.29	8
Bati	16,309	862	862	0.05	10,677	12.39	9
Jile Tsumiga	11,838	663	698	0.06	6,627	9.31	8
Artuma Fursi	14,442	425	425	0.03	3,686	8.67	9

TABLE 8.3A:- Number of Holders Reporting Shovel Owned, Quantity Reported, Replacement Value, and Duration of Service of Shovel, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Shovels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Shovel (Birr)	Average Duration of Service of Shovel (Years)
Amhara Region	2,989,354	464,678	493,115	0.16	4,253,731	8.19	9
North Gonder Zone	426,798	51,901	54,308	0.13	539,019	9.54	10
Addi Arkay	23,992	7,158	7,503	0.31	81,244	10.44	8
Beyeda	17,537	3,473	3,585	0.20	27,598	7.54	7
Janamora	29,184	5,053	5,214	0.18	48,874	9.12	11
Debark	21,492	4,264	4,435	0.21	43,291	9.28	8
Dabat	24,578	2,473	2,473	0.10	23,447	9.48	12
Sanja	24,523	3,536	3,660	0.15	50,121	13.47	6
Lay Armacheho	24,975	3,955	4,260	0.17	36,108	7.97	11
Wegera	37,057	5,090	5,243	0.14	38,518	7.11	12
Gondar Zuria	38,957	4,495	4,649	0.12	40,500	8.54	9
Dembia	41,272	2,399	2,452	0.06	32,946	13.18	10
Chilga	32,286	2,762	2,962	0.09	33,470	10.76	14
Metema	10,152	1,388	1,431	0.14	17,584	11.81	10
Quara	9,401	298	298	0.03	3,940	13.22	7
Alefa	46,244	442	442	0.01	*	*	8
Belesa	45,148	5,116	5,703	0.13	58,516	9.22	10
South Gonder Zone	374,252	31,073	32,966	0.09	242,712	6.96	11
Ebenat	41,969	1,725	1,768	0.04	15,102	8.37	9
Kemekem	30,786	2,930	3,226	0.10	27,232	7.55	9
Fogera	40,393	1,844	1,844	0.05	16,626	9.02	10
Farta	47,634	6,434	7,345	0.15	57,152	6.79	9
Lay Gayint	39,303	6,736	7,029	0.18	46,778	6.52	9
Tach Gayint	20,270	3,391	3,541	0.17	16,788	4.52	14
Simada	47,033	3,576	3,576	0.08	24,891	6.96	14
Estie	63,489	2,635	2,707	0.04	24,040	8.75	11
Dera	43,376	1,805	1,931	0.04	14,105	6.92	11
North Wollo Zone	307,669	86,163	91,433	0.30	643,025	6.68	7
Bugna	46,716	11,804	13,425	0.29	92,939	6.20	7
Kobo	41,472	14,330	15,176	0.37	127,623	7.98	8
Gidan	34,560	7,528	7,946	0.23	63,332	7.56	6
Meket	48,107	7,819	8,395	0.17	49,223	5.52	6
Wadala	26,661	3,370	3,578	0.13	22,241	5.87	7
Dawutna Delanta	35,910	7,231	7,432	0.21	41,170	5.41	7
Guba Lafto	35,600	19,573	20,394	0.57	139,195	6.58	6
Habru	38,645	14,507	15,088	0.39	107,302	6.90	7
South Wollo Zone	491,860	110,653	120,292	0.24	1,029,157	7.93	10
Mekdela	30,731	2,720	2,870	0.09	25,657	8.42	10
Tenta	35,460	5,511	6,210	0.18	51,092	7.31	8
Kutaber	21,652	11,644	13,292	0.61	103,279	6.88	10
Ambasel	26,365	15,695	17,428	0.66	134,741	7.01	10
Tehuledere	23,671	9,269	10,108	0.43	97,731	8.76	11
Werebabu	21,260	9,712	10,298	0.48	96,653	8.77	10
Kalu	39,177	14,794	15,655	0.40	145,398	8.87	11
Dessie Zuria	64,934	18,660	20,758	0.32	169,254	7.42	10
Legambo	35,598	6,029	6,443	0.18	37,465	5.63	7
Sayint	44,853	2,095	2,149	0.05	28,234	13.05	10
Debresina	36,673	3,070	3,263	0.09	30,021	8.73	10
Kelala	29,924	2,567	2,640	0.09	33,153	12.14	9
Jama	25,068	1,570	1,570	0.06	12,209	7.78	10
Were Ilu	29,715	4,635	4,893	0.16	33,474	6.44	8
Wegde	26,779	2,682	2,716	0.10	30,797	11.22	10
North Shewa (Amhara) Zone	338,763	73,480	76,587	0.23	607,205	7.60	10
Middana Weremo	16,652	1,921	1,937	0.12	12,090	6.22	12
Merhabete	23,035	2,472	2,583	0.11	17,972	6.68	11
Insarona Wayu	24,523	1,602	1,691	0.07	11,231	6.14	12
Moretna Jiru	17,289	1,789	1,808	0.10	11,931	6.56	8

TABLE 8.3A:- Number of Holders Reporting Shovel Owned, Quantity Reported, Replacement Value, and Duration of Service of Shovel, for Private Holdings. .(Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Shovels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Shovel (Birr)	Average Duration of Service of Shovel (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	3,949	4,016	0.15	26,219	6.44	10
Geshe	11,701	2,360	2,360	0.20	15,812	6.70	11
Antsokiya Gemza	12,985	2,025	2,191	0.17	18,238	7.43	8
Efratana Gidim	18,721	2,798	2,890	0.15	26,356	8.81	8
Lalo Midir	23,780	5,262	5,444	0.23	43,851	7.66	11
Mojana Wadera	14,989	3,583	3,768	0.25	20,791	5.31	12
Tarma Ber	17,150	4,601	4,696	0.27	36,579	7.54	11
Kewet	20,399	4,743	4,789	0.23	35,295	7.32	10
Asagirt	9,625	2,979	3,047	0.32	23,725	7.59	12
Angolelana Tera	14,930	4,988	5,180	0.35	35,080	6.50	11
Ankober	15,834	6,347	6,973	0.44	54,947	7.21	9
Hagere Mariam	10,654	2,816	2,959	0.28	24,736	8.06	10
Berehet	5,414	1,473	1,524	0.28	16,357	10.29	10
Minjarna Shenkora	22,920	7,392	7,674	0.33	85,699	10.81	10
Basona Werana	30,894	10,380	11,057	0.36	90,295	7.70	9
East Gojam Zone	377,208	27,499	28,732	0.08	293,620	9.85	10
Bibugn	20,380	372	421	0.02	3,241	6.68	6
Hulet Ej Enese	42,922	1,920	1,920	0.04	14,791	7.70	9
Goncha Siso Enese	26,631	1,576	1,922	0.07	*	9.05	9
Enbise Sar Midir	26,244	877	978	0.04	10,063	9.94	11
Enarj Enawga	31,408	1,737	1,781	0.06	15,989	8.78	10
Enemay	26,307	2,044	2,077	0.08	22,428	10.64	11
Debay Telatgen	24,182	1,181	1,181	0.05	14,718	12.46	11
Machakel	38,432	5,038	5,238	0.14	44,317	8.38	9
Guzamn	42,814	5,176	5,237	0.12	55,832	10.57	10
Baso Liben	26,092	1,357	1,430	0.05	15,913	10.52	8
Awabel	32,111	3,537	3,642	0.11	41,665	11.15	9
Dejen	20,267	2,247	2,435	0.12	28,304	11.06	11
Shebel Berenta	19,419	436	469	0.02	4,196	8.67	10
West Gojam Zone	371,763	32,534	34,239	0.09	353,769	10.20	9
Achefer	47,990	3,406	3,728	0.08	27,770	8.50	10
Bahir Dar Zuria	44,777	5,366	6,025	0.13	54,768	8.73	9
Yilman Densa	53,378	1,822	1,822	0.03	23,899	13.12	11
Merawi	47,811	2,377	2,377	0.05	20,515	8.63	11
Sekela	25,751	1,887	1,920	0.07	19,797	10.05	9
Kuarit	30,012	963	993	0.03	9,642	9.25	11
Dega Damot	28,781	529	633	0.02	5,766	8.62	9
Dembecha	21,896	3,837	3,867	0.18	46,377	11.87	9
Jabi Tehnan	35,596	3,853	3,944	0.11	38,191	9.35	9
Bure Wemberma	35,772	8,495	8,930	0.25	107,045	11.64	8
Waghamra Zone	75,654	10,442	12,150	0.16	136,409	9.46	7
Zikuala	13,305	2,488	3,125	0.23	42,811	10.90	6
Sekota	33,740	5,568	6,430	0.19	60,351	7.84	8
Dehana	28,610	2,387	2,596	0.09	33,247	11.75	7
Awi Zone	152,723	21,656	22,003	0.14	229,936	10.31	10
Dangela	33,997	5,487	5,574	0.16	57,773	10.21	8
Banja	25,927	5,214	5,287	0.20	52,574	9.82	11
Ankesha	38,056	3,570	3,570	0.09	34,758	9.74	10
Guangua	31,273	3,190	3,315	0.11	32,617	9.57	8
Faggeta Lekoma	23,471	4,194	4,257	0.18	52,214	12.12	10
Oromia Zone	72,663	19,278	20,403	0.28	178,877	8.29	10
Chefe Golana Dawe Rahimedo	30,075	6,731	7,104	0.24	56,047	7.55	10
Bati	16,309	6,877	7,502	0.46	74,621	9.15	10
Jile Tsumiga	11,838	2,534	2,578	0.22	20,533	7.73	9
Artuma Fursi	14,442	3,136	3,220	0.22	27,676	8.39	9

TABLE 8.4A: - Number of Holders Reporting Hoe Owned, Quantity Reported, Replacement Value, and Duration of Service of Hoe, for Private Holdings.

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Hoes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hoe (Birr)	Average Duration of Service of Hoe (Years)
Amhara Region	2,989,354	396,827	537,512	0.18	2,814,556	4.23	7
North Gonder Zone	426,798	20,257	24,020	0.06	216,667	8.09	9
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	*	*	*	*	*	*
Janamora	29,184	455	556	0.02	3,346	5.18	7
Debark	21,492	2,620	2,653	0.12	33,531	12.60	10
Dabat	24,578	815	938	0.04	12,041	11.05	12
Sanja	24,523	*	*	*	*	*	*
Lay Armacheho	24,975	2,808	3,241	0.13	39,309	11.35	10
Wegera	37,057	447	555	0.01	*	*	*
Gondar Zuria	38,957	*	*	*	*	*	*
Dembia	41,272	569	569	0.01	6,433	11.31	*
Chilga	32,286	*	*	*	*	*	*
Metema	10,152	656	964	0.09	6,462	5.17	9
Quara	9,401	719	*	*	8,672	*	5
Alefa	46,244	4,617	6,030	0.13	*	*	*
Belesa	45,148	*	*	*	*	*	*
South Gonder Zone	374,252	10,652	16,077	0.04	43,751	1.79	5
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	*	*	*	*	*	*
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	*	*	*	*	*	*
Lay Gayint	39,303	*	*	*	*	*	*
Tach Gayint	20,270	*	*	*	*	*	*
Simada	47,033	*	*	*	*	*	*
Estie	63,489	*	*	*	*	*	*
Dera	43,376	*	*	*	*	*	*
North Wollo Zone	307,669	37,410	41,767	0.14	216,218	4.77	6
Bugna	46,716	2,605	2,713	0.06	14,714	5.35	4
Kobo	41,472	5,890	6,147	0.15	29,706	4.63	12
Gidan	34,560	*	*	*	*	*	*
Meket	48,107	*	*	*	15,230	*	*
Wadala	26,661	556	556	0.02	*	*	7
Dawutna Delanta	35,910	*	*	*	*	*	*
Guba Lafto	35,600	8,540	9,524	0.27	49,589	4.75	7
Habru	38,645	16,984	19,647	0.51	86,054	3.87	5
South Wollo Zone	491,860	163,157	193,454	0.39	1,115,768	4.85	7
Mekdela	30,731	3,395	3,707	0.12	24,998	6.32	6
Tenta	35,460	7,647	8,193	0.23	55,923	6.48	7
Kutaber	21,652	12,460	13,772	0.64	97,941	6.45	10
Ambasel	26,365	11,558	12,456	0.47	84,291	6.36	8
Tehuledere	23,671	16,692	20,922	0.88	105,474	4.03	7
Werebabu	21,260	16,818	24,367	1.15	137,833	3.86	5
Kalu	39,177	28,092	36,186	0.92	231,767	4.95	7
Dessie Zuria	64,934	37,053	42,792	0.66	219,915	4.38	8
Legambo	35,598	8,442	8,907	0.25	33,461	3.60	6
Sayint	44,853	*	*	*	*	*	*
Debresina	36,673	*	578	*	*	*	*
Kelala	29,924	3,849	4,117	0.14	26,006	5.80	6
Jama	25,068	5,426	5,629	0.22	41,068	6.98	8
Were Ilu	29,715	8,568	9,038	0.30	38,197	3.93	6
Wegde	26,779	*	*	*	2,080	*	*
North Shewa (Amhara) Zone	338,763	21,820	25,040	0.07	231,855	8.23	9
Middana Weremo	16,652	1,614	1,663	0.10	9,469	5.23	8
Merhabete	23,035	732	791	0.03	2,680	3.13	6
Insarona Wayu	24,523	1,764	*	*	14,149	*	9
Moretna Jiru	17,289	1,170	1,239	0.07	7,752	5.82	8

TABLE 8.4A: - Number of Holders Reporting Hoe Owned, Quantity Reported, Replacement Value, and Duration of Service of Hoe, for Private Holdings. .(Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hoes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hoe (Birr)	Average Duration of Service of Hoe (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	1,124	1,124	0.04	14,586	12.98	11
Geshe	11,701	1,410	1,427	0.12	5,253	3.65	8
Antsokiya Gemza	12,985	2,509	2,584	0.20	17,376	6.58	6
Efratana Gidim	18,721	578	578	0.03	6,085	10.53	10
Lalo Midir	23,780	182	182	0.01	*	*	*
Mojana Wadera	14,989	*	*	*	*	*	*
Tarma Ber	17,150	510	550	0.03	5,174	8.80	9
Kewet	20,399	250	250	0.01	2,676	10.71	11
Asagirt	9,625	490	511	0.05	6,133	11.42	15
Angolelana Tera	14,930	430	464	0.03	4,826	9.71	15
Ankober	15,834	586	586	0.04	12,578	21.46	13
Hagere Mariam	10,654	3,937	5,163	0.48	62,304	9.09	8
Berehet	5,414	1,314	1,618	0.30	14,730	7.34	8
Minjarna Shenkora	22,920	2,530	2,843	0.12	32,813	11.14	15
Basona Werana	30,894	615	615	0.02	8,415	13.68	11
East Gojam Zone	377,208	34,465	58,493	0.16	226,061	2.43	7
Bibugn	20,380	5,791	11,982	0.59	35,434	1.46	7
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	4,663	8,222	0.31	32,193	2.32	6
Enbise Sar Midir	26,244	5,915	8,987	0.34	25,866	1.94	7
Enarj Enawga	31,408	1,471	1,595	0.05	8,679	5.13	9
Enemay	26,307	3,129	4,088	0.16	13,785	2.80	6
Debay Telatgen	24,182	756	756	0.03	7,886	10.43	10
Machakel	38,432	3,597	*	*	*	*	7
Guzamn	42,814	*	*	*	23,138	*	*
Baso Liben	26,092	*	*	*	*	*	*
Awabel	32,111	550	*	*	7,877	*	*
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	*	*	*	*	*	*
West Gojam Zone	371,763	47,268	92,036	0.25	318,558	2.38	7
Achefer	47,990	*	*	*	*	*	*
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	8,989	23,098	0.43	50,397	0.90	5
Merawi	47,811	1,520	1,735	0.04	14,314	7.72	12
Sekela	25,751	*	*	*	*	*	*
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	4,586	5,964	0.27	36,672	4.97	9
Jabi Tehnan	35,596	11,953	19,108	0.54	78,767	2.81	8
Bure Wemberma	35,772	16,681	36,762	1.03	113,507	2.28	7
Waghamra Zone	75,654	7,802	9,058	0.12	69,466	6.52	5
Zikuala	13,305	2,257	2,872	0.22	21,990	6.10	5
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	5,132	5,625	0.20	43,448	6.80	5
Awi Zone	152,723	20,032	34,179	0.22	106,682	2.16	6
Dangela	33,997	2,625	3,190	0.09	18,492	5.04	7
Banja	25,927	1,794	*	*	*	*	7
Ankesha	38,056	8,658	17,084	0.45	49,215	1.75	5
Guangua	31,273	6,586	11,196	0.36	27,101	1.61	5
Faggeta Lekoma	23,471	368	368	0.02	2,625	7.13	11
Oromia Zone	72,663	33,963	43,389	0.60	269,531	4.98	6
Chefe Golana Dawe Rahimedo	30,075	17,672	20,347	0.68	133,605	5.80	6
Bati	16,309	10,590	16,924	1.04	100,904	3.84	6
Jile Tsumiga	11,838	2,744	2,967	0.25	14,280	4.55	6
Artuma Fursi	14,442	2,958	3,150	0.22	20,741	6.21	6

TABLE 8.5A: - Number of Holders Reporting 'Mekeskesha' Owned, Quantity Reported, Replacement Value and Duration of Service of 'Mekeskesha', for Private Holdings.

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Mekeskeshas' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Mekeskesha' (Birr)	Average Duration of Service of 'Mekeskesha' (Years)
Amhara Region	2,989,354	87,567	134,105	0.04	706,148	3.76	6
North Gonder Zone	426,798	27,105	41,915	0.10	268,403	4.26	5
Addi Arkay	23,992	2,742	*	*	*	*	4
Beyeda	17,537	252	252	0.01	744	2.95	5
Janamora	29,184	3,156	3,505	0.12	16,096	4.26	5
Debark	21,492	3,917	5,665	0.26	41,942	4.99	5
Dabat	24,578	*	*	*	*	*	*
Sanja	24,523	*	*	*	*	*	*
Lay Armacheho	24,975	4,351	5,968	0.24	34,804	4.42	5
Wegera	37,057	*	*	*	*	*	*
Gondar Zuria	38,957	*	*	*	*	*	*
Dembia	41,272	*	*	*	*	*	*
Chilga	32,286	2,423	4,240	0.13	*	*	*
Metema	10,152	*	*	*	*	*	*
Quara	9,401	134	162	0.02	*	4.76	*
Alefa	46,244	*	*	*	*	*	*
Belesa	45,148	*	*	*	*	*	*
South Gonder Zone	374,252	19,216	32,735	0.09	87,804	1.65	3
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	763	*	*	3,804	*	3
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	4,833	*	*	*	*	3
Lay Gayint	39,303	7,445	10,356	0.26	26,298	1.89	4
Tach Gayint	20,270	*	*	*	*	*	*
Simada	47,033	*	*	*	*	*	*
Estie	63,489	*	*	*	*	*	*
Dera	43,376	*	*	*	*	*	*
North Wollo Zone	307,669	3,715	4,352	0.01	54,935	9.28	6
Bugna	46,716	*	*	*	*	*	*
Kobo	41,472	*	*	*	*	*	*
Gidan	34,560	*	*	*	*	*	*
Meket	48,107	*	*	*	*	*	*
Wadala	26,661	244	*	*	*	*	*
Dawutna Delanta	35,910	*	*	*	*	*	*
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	1,710	1,840	0.05	7,668	4.01	*
South Wollo Zone	491,860	4,661	4,983	0.01	55,503	10.56	11
Mekdela	30,731	*	*	*	*	*	*
Tenta	35,460	524	524	0.01	3,573	6.82	11
Kutaber	21,652	738	763	0.04	*	*	10
Ambasel	26,365	491	551	0.02	4,389	6.90	11
Tehuledere	23,671	423	442	0.02	2,554	5.65	13
Werebabu	21,260	218	*	*	*	*	9
Kalu	39,177	351	445	0.01	4,898	8.95	*
Dessie Zuria	64,934	889	889	0.01	*	*	11
Legambo	35,598	*	*	*	*	*	*
Sayint	44,853	*	*	*	*	*	*
Debresina	36,673	*	*	*	*	*	*
Kelala	29,924	*	*	*	*	*	*
Jama	25,068	329	364	0.01	*	*	10
Were Ilu	29,715	215	275	0.01	*	*	*
Wegde	26,779	*	*	*	*	*	*
North Shewa (Amhara) Zone	338,763	6,291	7,573	0.02	54,803	6.32	11
Middana Weremo	16,652	*	*	*	*	*	*
Merhabete	23,035	*	*	*	*	*	*
Insarona Wayu	24,523	*	*	*	*	*	*
Moretna Jiru	17,289	*	*	*	*	*	*

TABLE 8.5A - Number of Holders Reporting 'Mekeskesha' Owned, Quantity Reported, Replacement Value,and Duration of Service of 'Mekeskesha', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Mekeskeshas' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mekeskesha' (Birr)	Average Duration of Service of 'Mekeskesha' (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	*	*	*	*	*	*
Geshe	11,701	*	*	*	*	*	*
Antsokiya Gemza	12,985	453	492	0.04	3,827	6.99	13
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	-	-	-	-	-	-
Mojana Wadera	14,989	*	*	*	*	*	*
Tarma Ber	17,150	*	*	*	*	*	*
Kewet	20,399	217	*	*	*	*	*
Asagirt	9,625	223	223	0.02	4,916	22.04	13
Angolelana Tera	14,930	2,122	2,338	0.16	17,336	6.66	19
Ankober	15,834	203	203	0.01	2,685	13.23	12
Hagere Mariam	10,654	*	*	*	*	*	*
Berehet	5,414	23	23	0.00	*	*	*
Minjarna Shenkora	22,920	101	101	0.00	*	*	*
Basona Werana	30,894	*	*	*	*	*	*
East Gojam Zone	377,208	13,438	21,285	0.06	98,906	3.35	6
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	*	*	*	*	*	*
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	*	*	*	*	*	*
Debay Telatgen	24,182	7,472	10,725	0.44	33,426	2.20	5
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	*	*	*	*	*	*
Baso Liben	26,092	868	1,626	0.06	*	*	*
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	6,570	11,461	0.03	49,270	2.85	6
Achefer	47,990	*	*	*	*	*	*
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	*	*	*	*	*	*
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	2,033	3,876	0.18	13,460	1.90	7
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	1,417	2,560	0.03	12,622	2.89	4
Zikuala	13,305	1,166	2,052	0.15	10,651	3.14	4
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	4,018	5,818	0.04	12,869	1.70	4
Dangela	33,997	393	*	*	*	*	*
Banja	25,927	2,055	2,999	0.12	4,012	0.91	*
Ankesha	38,056	*	*	*	*	*	*
Guangua	31,273	280	451	0.01	1,170	1.93	3
Faggeta Lekoma	23,471	1,085	1,381	0.06	5,205	3.46	4
Oromia Zone	72,663	1,137	1,423	0.02	11,034	7.02	10
Chefe Golana Dawe Rahimedo	30,075	*	*	*	*	*	*
Bati	16,309	553	650	0.04	6,080	8.01	11
Jile Tsumiga	11,838	98	118	0.01	*	*	*
Artuma Fursi	14,442	157	*	*	*	*	9

TABLE 8.6A:- Number of Holders Reporting Pick-Axe Owned, Quantity Reported, Replacement Value, and Duration of Service of Pick-Axe, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Pick-Axes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Pick-Axe (Birr)	Average Duration of Service of Pick-Axe (Years)
Amhara Region	2,989,354	1,127,777	1,614,266	0.54	9,070,464	4.16	7
North Gonder Zone	426,798	79,434	93,893	0.22	766,179	7.24	8
Addi Arkay	23,992	8,513	10,872	0.45	98,163	7.64	7
Beyeda	17,537	4,884	5,639	0.32	43,378	6.86	7
Janamora	29,184	8,572	10,608	0.36	78,787	6.22	7
Debark	21,492	5,441	6,122	0.28	52,916	7.92	7
Dabat	24,578	4,595	4,763	0.19	38,739	8.00	10
Sanja	24,523	6,890	7,565	0.31	107,436	13.16	7
Lay Armacheho	24,975	6,514	9,302	0.37	52,769	4.55	8
Wegera	37,057	7,663	8,723	0.24	54,540	5.50	9
Gondar Zuria	38,957	7,761	8,737	0.22	51,812	5.42	8
Dembia	41,272	3,716	4,280	0.10	45,342	9.55	10
Chilga	32,286	3,338	3,957	0.12	34,306	7.69	15
Metema	10,152	1,623	1,697	0.17	21,782	12.41	11
Quara	9,401	1,262	1,722	0.18	12,098	5.89	6
Alefa	46,244	*	*	*	28,155	*	*
Belesa	45,148	5,639	6,233	0.14	45,957	6.83	7
South Gonder Zone	374,252	63,572	87,606	0.23	504,628	4.52	8
Ebenat	41,969	5,317	6,461	0.15	34,750	4.75	7
Kemekem	30,786	4,205	5,564	0.18	27,577	4.18	7
Fogera	40,393	2,754	2,971	0.07	26,920	8.71	11
Farta	47,634	13,332	20,377	0.43	122,649	4.42	9
Lay Gayint	39,303	12,982	15,895	0.40	108,377	5.68	8
Tach Gayint	20,270	3,266	4,086	0.20	20,111	4.01	10
Simada	47,033	9,886	14,141	0.30	59,638	2.94	8
Estie	63,489	9,660	15,541	0.24	80,870	3.70	7
Dera	43,376	2,170	2,570	0.06	23,736	7.93	13
North Wollo Zone	307,669	201,956	281,483	0.91	1,482,527	3.82	5
Bugna	46,716	31,787	43,197	0.92	254,950	4.38	4
Kobo	41,472	23,726	33,153	0.80	153,482	3.39	8
Gidan	34,560	29,470	44,203	1.28	252,109	3.88	4
Meket	48,107	25,569	37,886	0.79	181,960	3.27	6
Wadala	26,661	16,694	21,438	0.80	92,884	3.39	6
Dawutna Delanta	35,910	24,393	33,967	0.95	153,774	3.24	5
Guba Lafto	35,600	27,842	38,464	1.08	250,738	4.80	5
Habru	38,645	22,475	29,176	0.75	142,631	3.79	6
South Wollo Zone	491,860	300,059	454,076	0.92	2,007,853	3.05	6
Mekdela	30,731	19,642	27,463	0.89	131,503	3.41	6
Tenta	35,460	18,644	24,957	0.70	130,416	4.03	6
Kutaber	21,652	19,473	37,108	1.71	171,029	2.44	7
Ambasel	26,365	23,099	35,068	1.33	196,544	3.69	6
Tehuledere	23,671	13,591	29,829	1.26	84,119	1.68	6
Werebabu	21,260	17,213	30,459	1.43	119,956	2.24	5
Kalu	39,177	28,436	45,853	1.17	185,503	2.63	5
Dessie Zuria	64,934	38,009	62,307	0.96	265,177	2.81	7
Legambo	35,598	13,661	14,637	0.41	68,386	4.35	7
Sayint	44,853	37,888	54,539	1.22	251,856	3.22	7
Debresina	36,673	17,810	25,017	0.68	88,540	2.62	5
Kelala	29,924	15,701	22,959	0.77	105,907	3.23	5
Jama	25,068	13,593	16,377	0.65	82,924	4.27	6
Were Ilu	29,715	12,113	13,331	0.45	65,445	4.48	6
Wegde	26,779	11,186	14,171	0.53	60,550	3.36	6
North Shewa (Amhara) Zone	338,763	263,446	419,969	1.24	2,400,927	3.74	7
Middana Weremo	16,652	14,464	22,126	1.33	72,680	2.13	5
Merhabete	23,035	21,196	39,743	1.73	120,204	1.63	5
Insarona Wayu	24,523	14,692	23,338	0.95	98,378	2.65	7
Moretna Jiru	17,289	14,006	26,988	1.56	69,495	1.48	5

TABLE 8.6A:- Number of Holders Reporting Pick-Axe Owned, Quantity Reported, Replacement Value, and Duration of Service of Pick-Axe, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Pick-Axes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Pick-Axe (Birr)	Average Duration of Service of Pick-Axe (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	21,353	29,353	1.08	155,530	3.86	7
Geshe	11,701	9,448	11,419	0.98	52,638	3.79	7
Antsokiya Gemza	12,985	11,009	16,968	1.31	105,657	4.02	5
Efratana Gidim	18,721	16,126	25,058	1.34	191,492	4.93	4
Lalo Midir	23,780	20,079	27,007	1.14	185,196	5.15	7
Mojana Wadera	14,989	12,135	17,258	1.15	113,873	4.80	9
Tarma Ber	17,150	14,730	29,167	1.70	155,156	2.81	5
Kewet	20,399	13,911	22,309	1.09	125,052	3.72	6
Asagirt	9,625	7,674	11,977	1.24	97,817	5.29	8
Angolelana Tera	14,930	9,336	11,964	0.80	96,506	6.28	11
Ankober	15,834	13,988	20,780	1.31	185,858	6.00	6
Hagere Mariam	10,654	7,303	12,149	1.14	91,638	4.60	8
Berehet	5,414	3,501	5,251	0.97	53,312	6.49	7
Minjarna Shenkora	22,920	15,126	32,941	1.44	182,049	2.62	9
Basona Werana	30,894	23,370	34,172	1.11	248,393	5.37	9
East Gojam Zone	377,208	75,463	98,220	0.26	732,668	6.37	10
Bibugn	20,380	479	564	0.03	4,703	7.69	12
Hulet Ej Enese	42,922	6,785	7,924	0.18	49,229	5.50	9
Goncha Siso Enese	26,631	5,530	8,169	0.31	42,608	4.08	8
Enbise Sar Midir	26,244	6,409	7,983	0.30	40,640	4.33	8
Enarj Enawga	31,408	3,888	4,350	0.14	34,038	7.33	11
Enemay	26,307	6,051	7,294	0.28	53,912	6.61	10
Debay Telatgen	24,182	7,119	8,060	0.33	103,312	11.98	12
Machakel	38,432	5,330	6,705	0.17	53,390	6.78	11
Guzamn	42,814	12,542	15,335	0.36	148,004	8.52	12
Baso Liben	26,092	1,850	3,161	0.12	18,419	4.17	12
Awabel	32,111	8,783	11,721	0.37	93,771	6.85	8
Dejen	20,267	7,311	12,177	0.60	72,689	4.08	8
Shebel Berenta	19,419	3,387	4,776	0.25	17,952	3.01	6
West Gojam Zone	371,763	40,707	51,202	0.14	383,787	6.54	10
Achefer	47,990	5,311	6,031	0.13	44,488	6.84	9
Bahir Dar Zuria	44,777	6,478	7,598	0.17	73,099	8.73	11
Yilman Densa	53,378	4,136	5,984	0.11	41,167	5.70	11
Merawi	47,811	2,578	2,691	0.06	26,286	9.19	15
Sekela	25,751	2,570	2,955	0.11	22,747	7.26	10
Kuarit	30,012	5,119	7,602	0.25	45,586	4.47	9
Dega Damot	28,781	5,595	8,611	0.30	43,696	3.57	7
Dembecha	21,896	1,924	1,924	0.09	21,274	11.06	14
Jabi Tehnan	35,596	3,224	3,582	0.10	35,667	9.25	12
Bure Wemberma	35,772	3,772	4,226	0.12	29,777	6.54	10
Waghamra Zone	75,654	42,532	52,754	0.70	359,051	5.59	5
Zikuala	13,305	5,467	6,457	0.49	40,737	5.37	5
Sekota	33,740	22,868	27,302	0.81	162,596	5.07	5
Dehana	28,610	14,197	18,995	0.66	155,718	6.42	6
Awi Zone	152,723	16,482	18,025	0.12	132,557	6.78	11
Dangela	33,997	3,892	4,169	0.12	32,513	7.08	10
Banja	25,927	3,359	3,509	0.14	26,206	7.21	13
Ankesha	38,056	3,389	3,714	0.10	26,655	6.68	11
Guangua	31,273	2,817	3,359	0.11	17,944	4.45	7
Faggeta Lekoma	23,471	3,024	3,274	0.14	29,240	8.41	13
Oromia Zone	72,663	44,127	57,037	0.78	300,286	4.10	5
Chefe Golana Dawe Rahimedo	30,075	21,480	27,971	0.93	156,881	4.34	5
Bati	16,309	8,535	11,438	0.70	55,892	3.61	6
Jile Tsumiga	11,838	3,857	4,787	0.40	21,119	3.59	6
Artuma Fursi	14,442	10,255	12,841	0.89	66,393	4.18	5

TABLE 8.7A: - Number of Holders Reporting 'Deger' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Deger', for Private Holdings.

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Degers' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Deger' (Birr)	Average Duration of Service of 'Deger' (Years)
Amhara Region	2,989,354	2,311,694	4,685,784	1.57	9,920,742	1.08	2
North Gonder Zone	426,798	336,316	629,285	1.47	1,778,780	1.58	2
Addi Arkay	23,992	18,545	36,075	1.50	161,596	2.50	2
Beyeda	17,537	12,458	23,921	1.36	59,468	1.40	2
Janamora	29,184	21,377	36,278	1.24	119,031	1.89	2
Debark	21,492	17,198	37,451	1.74	85,998	1.02	2
Dabat	24,578	18,711	30,676	1.25	83,767	1.70	2
Sanja	24,523	21,864	30,707	1.25	150,921	3.50	2
Lay Armacheho	24,975	18,999	39,329	1.57	83,647	1.05	1
Wegera	37,057	27,840	48,774	1.32	122,393	1.46	2
Gondar Zuria	38,957	29,348	65,088	1.67	201,153	1.48	2
Dembia	41,272	32,613	67,336	1.63	183,939	1.36	2
Chilga	32,286	26,470	43,913	1.36	96,661	1.43	2
Metema	10,152	8,697	14,894	1.47	45,216	1.80	2
Quara	9,401	8,055	11,534	1.23	26,135	1.60	2
Alefa	46,244	36,016	64,910	1.40	140,914	1.24	2
Belesa	45,148	38,126	78,399	1.74	217,941	1.47	1
South Gonder Zone	374,252	295,798	624,350	1.67	1,319,442	1.03	2
Ebenat	41,969	33,367	70,860	1.69	162,402	1.12	1
Kemekem	30,786	23,447	45,085	1.46	133,621	1.52	2
Fogera	40,393	30,032	65,767	1.63	168,612	1.20	2
Farta	47,634	38,408	80,806	1.70	178,685	1.02	2
Lay Gayint	39,303	30,715	67,024	1.71	114,801	0.81	2
Tach Gayint	20,270	14,780	28,283	1.40	31,853	0.59	2
Simada	47,033	36,777	61,860	1.32	96,663	1.01	1
Estie	63,489	53,774	137,649	2.17	267,610	0.82	1
Dera	43,376	34,498	67,016	1.55	165,196	1.28	1
North Wollo Zone	307,669	232,205	440,538	1.43	823,604	1.01	1
Bugna	46,716	34,382	60,757	1.30	106,871	1.01	1
Kobo	41,472	33,687	62,889	1.52	130,566	1.10	1
Gidan	34,560	24,850	48,705	1.41	92,390	1.04	1
Meket	48,107	37,939	81,044	1.68	162,192	0.94	2
Wadala	26,661	22,806	46,364	1.74	69,353	0.73	1
Dawutna Delanta	35,910	27,367	46,605	1.30	85,210	1.07	2
Guba Lafto	35,600	26,395	44,924	1.26	93,731	1.28	1
Habru	38,645	24,780	49,251	1.27	83,291	0.96	1
South Wollo Zone	491,860	361,291	732,251	1.49	1,245,405	0.89	1
Mekdela	30,731	24,457	44,986	1.46	77,820	1.00	1
Tenta	35,460	25,644	51,808	1.46	85,320	0.85	1
Kutaber	21,652	17,025	35,596	1.64	76,370	1.07	1
Ambasel	26,365	20,170	43,085	1.63	80,496	0.91	1
Tehuledere	23,671	17,186	29,016	1.23	59,726	1.31	2
Werebabu	21,260	15,612	39,187	1.84	70,870	0.81	2
Kalu	39,177	26,752	51,141	1.31	112,356	1.18	1
Dessie Zuria	64,934	46,450	94,112	1.45	185,658	1.02	2
Legambo	35,598	23,882	49,890	1.40	63,416	0.67	1
Sayint	44,853	35,476	90,017	2.01	104,161	0.49	1
Debresina	36,673	26,140	51,743	1.41	76,733	0.77	1
Kelala	29,924	23,451	42,813	1.43	74,648	0.96	1
Jama	25,068	17,253	30,938	1.23	46,771	0.88	1
Were Ilu	29,715	21,545	35,271	1.19	60,687	1.13	2
Wegde	26,779	20,249	42,648	1.59	70,373	0.78	1
North Shewa (Amhara) Zone	338,763	250,988	442,340	1.31	920,281	1.20	1
Middana Weremo	16,652	11,434	20,051	1.20	22,929	0.65	1
Merhabete	23,035	17,845	41,312	1.79	43,154	0.46	1
Insarona Wayu	24,523	17,037	29,052	1.18	67,791	1.34	2
Moretna Jiru	17,289	13,355	21,824	1.26	36,584	0.99	1

TABLE 8.7A: - Number of Holders Reporting 'Deger' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Deger', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Degers' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Deger' (Birr)	Average Duration of Service of 'Deger' (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	20,079	32,162	1.18	48,175	0.96	1
Geshe	11,701	8,657	12,717	1.09	17,512	0.92	1
Antsokiya Gemza	12,985	8,427	14,346	1.10	26,372	1.03	1
Efratana Gidim	18,721	14,408	26,414	1.41	48,613	1.00	1
Lalo Midir	23,780	17,818	31,128	1.31	61,567	1.17	1
Mojana Wadera	14,989	10,859	17,767	1.19	35,121	1.19	1
Tarma Ber	17,150	12,025	23,112	1.35	43,879	0.94	1
Kewet	20,399	14,723	30,859	1.51	42,145	0.71	1
Asagirt	9,625	7,520	11,207	1.16	23,699	1.45	1
Angolelana Tera	14,930	11,794	17,645	1.18	39,977	1.48	1
Ankober	15,834	11,957	17,399	1.10	33,021	1.31	1
Hagere Mariam	10,654	8,142	13,117	1.23	33,267	1.57	1
Berehet	5,414	4,764	8,620	1.59	26,237	1.81	2
Minjarna Shenkora	22,920	18,344	33,871	1.48	170,184	2.78	2
Basona Werana	30,894	21,799	39,737	1.29	100,055	1.40	1
East Gojam Zone	377,208	305,026	712,861	1.89	1,473,351	0.92	2
Bibugn	20,380	15,876	32,579	1.60	57,466	0.83	1
Hulet Ej Enese	42,922	36,224	72,610	1.69	124,585	0.86	2
Goncha Siso Enese	26,631	21,577	46,142	1.73	86,991	0.93	2
Enbise Sar Midir	26,244	20,456	34,757	1.32	83,026	1.40	2
Enarj Enawga	31,408	26,079	55,159	1.76	138,727	1.25	2
Enemay	26,307	21,314	50,678	1.93	165,661	1.40	3
Debay Telatgen	24,182	20,325	55,815	2.31	132,397	0.95	3
Machakel	38,432	32,702	92,182	2.40	121,975	0.53	2
Guzamn	42,814	36,170	79,417	1.85	124,391	0.78	2
Baso Liben	26,092	19,937	47,956	1.84	86,503	0.78	2
Awabel	32,111	26,505	71,880	2.24	161,755	0.85	3
Dejen	20,267	14,992	43,905	2.17	128,321	1.02	2
Shebel Berenta	19,419	12,868	29,781	1.53	61,555	0.95	2
West Gojam Zone	371,763	297,188	645,516	1.74	1,460,979	1.06	2
Achefer	47,990	38,904	90,115	1.88	168,860	0.88	2
Bahir Dar Zuria	44,777	33,804	93,224	2.08	252,180	1.03	2
Yilman Densa	53,378	41,660	86,954	1.63	200,992	1.16	2
Merawi	47,811	37,143	82,134	1.72	168,250	1.01	2
Sekela	25,751	21,865	34,240	1.33	55,398	1.00	2
Kuarit	30,012	25,308	44,162	1.47	90,676	1.21	1
Dega Damot	28,781	23,465	43,232	1.50	77,776	0.98	1
Dembecha	21,896	18,417	46,286	2.11	94,247	0.82	2
Jabi Tehnan	35,596	28,498	58,188	1.63	132,935	1.13	2
Bure Wemberma	35,772	28,126	66,980	1.87	219,666	1.40	3
Waghamra Zone	75,654	62,765	134,406	1.78	312,133	1.04	1
Zikuala	13,305	11,493	27,609	2.08	76,211	1.13	1
Sekota	33,740	27,861	57,791	1.71	124,185	0.94	1
Dehana	28,610	23,412	49,006	1.71	111,736	1.10	1
Awi Zone	152,723	117,265	229,128	1.50	403,042	0.95	2
Dangela	33,997	27,905	54,625	1.61	122,859	1.22	2
Banja	25,927	21,495	44,227	1.71	67,545	0.75	2
Ankesha	38,056	26,459	54,471	1.43	88,316	0.87	2
Guangua	31,273	22,298	41,439	1.33	61,686	0.80	1
Faggeta Lekoma	23,471	19,108	34,366	1.46	62,635	1.04	2
Oromia Zone	72,663	52,852	95,108	1.31	183,726	1.10	1
Chefe Golana Dawe Rahimedo	30,075	20,538	33,006	1.10	63,976	1.21	1
Bati	16,309	12,518	34,435	2.11	66,406	0.74	1
Jile Tsumiga	11,838	9,428	11,541	0.97	23,123	1.64	1
Artuma Fursi	14,442	10,368	16,127	1.12	30,220	1.28	1

TABLE 8.8A:- Number of Holders Reporting 'Erfe'(Handle) Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Erfe', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Erfes' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Erfe' (Birr)	Average Duration of Service of 'Erfe' (Years)
Amhara Region	2,989,354	2,297,082	3,935,134	1.32	6,415,309	0.96	2
North Gonder Zone	426,798	335,733	578,000	1.35	1,339,689	1.35	2
Addi Arkay	23,992	18,355	30,119	1.26	108,959	2.35	2
Beyeda	17,537	12,456	23,408	1.33	54,039	1.27	2
Janamora	29,184	21,492	38,459	1.32	99,194	1.43	2
Debark	21,492	17,126	29,233	1.36	58,682	1.13	2
Dabat	24,578	18,573	32,403	1.32	44,267	0.81	1
Sanja	24,523	21,512	28,748	1.17	89,644	2.37	2
Lay Armacheho	24,975	18,804	30,918	1.24	79,533	1.46	2
Wegera	37,057	27,622	52,560	1.42	90,087	0.84	2
Gondar Zuria	38,957	30,262	61,533	1.58	172,113	1.32	2
Dembia	41,272	33,403	61,993	1.50	119,555	1.05	1
Chilga	32,286	26,134	42,313	1.31	87,282	1.27	2
Metema	10,152	8,332	10,790	1.06	26,769	1.91	2
Quara	9,401	8,000	10,457	1.11	20,977	1.52	1
Alefa	46,244	35,795	56,319	1.22	107,279	1.19	2
Belesa	45,148	37,868	68,747	1.52	181,309	1.48	2
South Gonder Zone	374,252	295,765	565,079	1.51	814,629	0.76	2
Ebenat	41,969	32,864	59,661	1.42	108,228	1.00	2
Kemekem	30,786	24,143	45,843	1.49	120,920	1.36	2
Fogera	40,393	30,369	62,649	1.55	108,215	0.83	2
Farta	47,634	38,257	70,931	1.49	113,218	0.84	2
Lay Gayint	39,303	30,835	52,401	1.33	64,559	0.73	1
Tach Gayint	20,270	14,917	25,140	1.24	18,083	0.41	2
Simada	47,033	37,200	74,191	1.58	55,665	0.46	2
Estie	63,489	53,034	111,710	1.76	139,578	0.59	1
Dera	43,376	34,146	62,553	1.44	86,163	0.72	2
North Wollo Zone	307,669	231,248	387,382	1.26	619,328	0.96	1
Bugna	46,716	34,091	64,387	1.38	96,761	0.83	1
Kobo	41,472	33,652	52,158	1.26	111,741	1.33	2
Gidan	34,560	24,904	42,445	1.23	89,946	1.24	2
Meket	48,107	38,084	71,664	1.49	98,868	0.77	1
Wadala	26,661	22,711	40,275	1.51	45,025	0.62	1
Dawutna Delanta	35,910	27,207	43,814	1.22	49,509	0.68	1
Guba Lafto	35,600	26,246	40,850	1.15	74,724	1.16	1
Habru	38,645	24,353	31,790	0.82	52,755	1.24	1
South Wollo Zone	491,860	357,951	563,922	1.15	854,716	0.98	1
Mekdela	30,731	24,479	34,376	1.12	53,953	1.15	1
Tenta	35,460	25,412	35,466	1.00	54,129	1.06	1
Kutaber	21,652	16,870	29,053	1.34	58,352	1.20	1
Ambasel	26,365	20,089	34,442	1.31	68,778	1.17	2
Tehuledere	23,671	17,070	23,398	0.99	61,220	1.86	2
Werebabu	21,260	15,098	24,174	1.14	41,252	1.09	1
Kalu	39,177	26,458	37,201	0.95	52,755	0.99	1
Dessie Zuria	64,934	46,046	67,182	1.03	118,759	1.19	2
Legambo	35,598	23,657	35,215	0.99	47,476	0.91	1
Sayint	44,853	35,543	68,101	1.52	77,076	0.59	2
Debresina	36,673	25,871	44,781	1.22	47,080	0.60	1
Kelala	29,924	23,313	36,700	1.23	59,333	1.02	1
Jama	25,068	16,914	28,664	1.14	29,348	0.66	1
Were Ilu	29,715	21,193	26,508	0.89	36,531	1.09	1
Wegde	26,779	19,939	38,660	1.44	48,673	0.68	1
North Shewa (Amhara) Zone	338,763	249,397	408,354	1.21	497,721	0.73	1
Middana Weremo	16,652	11,539	17,361	1.04	12,252	0.46	1
Merhabete	23,035	17,469	27,103	1.18	19,790	0.45	1
Insarona Wayu	24,523	17,016	28,251	1.15	33,701	0.71	1
Moretna Jiru	17,289	12,738	19,821	1.15	22,503	0.70	1

TABLE 8.8A:- Number of Holders Reporting 'Erfe'(Handle) Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Erfe', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Erfes' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Erfe' (Birr)	Average Duration of Service of 'Erfe' (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	20,095	32,789	1.20	22,255	0.42	1
Geshe	11,701	8,641	11,909	1.02	8,592	0.51	1
Antsokiya Gemza	12,985	8,406	11,817	0.91	8,916	0.54	1
Efratana Gidim	18,721	14,268	24,468	1.31	22,524	0.55	1
Lalo Midir	23,780	17,656	31,191	1.31	25,466	0.45	1
Mojana Wadera	14,989	10,819	20,071	1.34	17,273	0.44	1
Tarma Ber	17,150	12,153	20,884	1.22	22,351	0.61	1
Kewet	20,399	14,715	19,707	0.97	20,720	0.80	1
Asagirt	9,625	7,380	11,049	1.15	17,738	1.08	1
Angolelana Tera	14,930	11,710	20,236	1.36	26,222	0.74	1
Ankober	15,834	11,967	16,565	1.05	30,809	1.35	1
Hagere Mariam	10,654	8,135	14,590	1.37	27,556	1.02	1
Berehet	5,414	4,728	7,164	1.32	21,286	2.04	2
Minjarna Shenkora	22,920	18,211	36,096	1.57	90,255	1.26	1
Basona Werana	30,894	21,753	37,281	1.21	47,513	0.75	1
East Gojam Zone	377,208	302,064	535,340	1.42	865,333	0.97	2
Bibugn	20,380	15,405	26,419	1.30	25,100	0.67	2
Hulet Ej Enese	42,922	35,856	68,730	1.60	66,379	0.58	2
Goncha Siso Enese	26,631	21,303	34,773	1.31	45,367	1.15	2
Enbise Sar Midir	26,244	20,632	31,642	1.21	53,061	1.14	2
Enarj Enawga	31,408	25,516	42,695	1.36	86,825	1.24	3
Enemay	26,307	21,209	41,320	1.57	78,017	0.95	3
Debay Telatgen	24,182	20,227	35,240	1.46	51,382	0.85	2
Machakel	38,432	32,228	54,182	1.41	72,944	0.92	2
Guzamn	42,814	35,658	55,410	1.29	98,196	1.10	2
Baso Liben	26,092	19,967	39,101	1.50	72,802	1.04	3
Awabel	32,111	26,306	52,024	1.62	100,607	0.98	3
Dejen	20,267	15,101	32,270	1.59	70,027	1.03	2
Shebel Berenta	19,419	12,658	21,534	1.11	44,626	1.20	2
West Gojam Zone	371,763	294,016	512,688	1.38	907,032	1.04	2
Achefer	47,990	38,467	71,399	1.49	103,935	0.81	2
Bahir Dar Zuria	44,777	33,441	71,016	1.59	126,594	0.84	2
Yilman Densa	53,378	40,357	68,629	1.29	101,191	0.86	2
Merawi	47,811	37,384	65,061	1.36	82,510	0.74	2
Sekela	25,751	21,719	31,780	1.23	30,880	0.67	2
Kuarit	30,012	24,928	37,338	1.24	43,741	0.80	2
Dega Damot	28,781	22,602	34,320	1.19	45,013	1.05	2
Dembecha	21,896	18,164	32,330	1.48	59,442	1.01	2
Jabi Tehnan	35,596	28,310	54,208	1.52	74,629	0.88	2
Bure Wemberma	35,772	28,644	46,608	1.30	239,099	3.05	4
Waghamra Zone	75,654	62,153	114,809	1.52	246,437	1.19	2
Zikuala	13,305	11,304	21,181	1.59	52,543	1.33	2
Sekota	33,740	27,619	50,989	1.51	113,694	1.17	2
Dehana	28,610	23,230	42,638	1.49	80,200	1.14	1
Awi Zone	152,723	116,307	194,944	1.28	185,077	0.63	2
Dangela	33,997	27,881	62,707	1.84	54,060	0.53	2
Banja	25,927	21,299	29,564	1.14	28,440	0.67	2
Ankesha	38,056	26,203	37,958	1.00	42,221	0.74	2
Guangua	31,273	21,794	30,210	0.97	31,529	0.77	1
Faggeta Lekoma	23,471	19,130	34,505	1.47	28,828	0.55	2
Oromia Zone	72,663	52,448	74,616	1.03	85,348	0.76	1
Chefe Golana Dawe Rahimedo	30,075	20,453	26,020	0.87	27,294	0.82	1
Bati	16,309	12,476	24,129	1.48	34,565	0.67	1
Jile Tsumiga	11,838	9,422	11,789	1.00	11,115	0.77	1
Artuma Fursi	14,442	10,097	12,678	0.88	12,374	0.80	1

TABLE 8. 9A:- Number of Holders Reporting Plough-Beam Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Beam, for Private Holdings.

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Beams Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Beam (Birr)	Average Duration of Service of Plough-Beam (Years)
Amhara Region	2,989,354	2,329,211	4,030,791	1.35	27,983,262	4.27	4
North Gonder Zone	426,798	340,239	543,599	1.27	4,904,151	5.53	4
Addi Arkay	23,992	18,668	27,515	1.15	283,797	7.10	3
Beyeda	17,537	12,631	21,392	1.22	175,724	4.87	5
Janamora	29,184	21,884	34,175	1.17	218,904	4.04	4
Debark	21,492	17,249	25,176	1.17	160,523	4.23	3
Dabat	24,578	19,319	30,107	1.22	161,479	3.40	3
Sanja	24,523	22,071	27,852	1.14	243,879	7.02	2
Lay Armacheho	24,975	18,877	29,154	1.17	261,066	5.44	3
Wegera	37,057	28,546	48,852	1.32	474,370	5.51	6
Gondar Zuria	38,957	29,814	57,962	1.49	908,234	7.71	6
Dembia	41,272	33,256	60,180	1.46	429,531	4.03	5
Chilga	32,286	26,586	39,825	1.23	256,516	4.29	3
Metema	10,152	8,733	11,031	1.09	92,389	6.53	3
Quara	9,401	8,115	10,250	1.09	60,584	4.51	2
Alefa	46,244	35,984	59,406	1.28	388,147	4.11	4
Belesa	45,148	38,504	60,722	1.34	789,007	8.51	4
South Gonder Zone	374,252	299,433	580,602	1.55	2,630,112	2.39	4
Ebenat	41,969	33,783	58,446	1.39	350,985	3.44	4
Kemekem	30,786	23,980	41,170	1.34	481,473	6.54	5
Fogera	40,393	30,839	66,573	1.65	271,536	1.92	4
Farta	47,634	37,860	76,054	1.60	274,143	1.74	3
Lay Gayint	39,303	31,020	51,024	1.30	238,114	2.80	4
Tach Gayint	20,270	14,990	24,062	1.19	85,674	2.13	5
Simada	47,033	37,828	69,714	1.48	269,797	2.39	4
Estie	63,489	54,139	123,443	1.94	440,613	1.55	3
Dera	43,376	34,995	70,116	1.62	217,778	1.52	3
North Wollo Zone	307,669	235,601	364,557	1.18	3,887,793	7.21	5
Bugna	46,716	35,025	57,824	1.24	546,488	5.81	4
Kobo	41,472	34,024	45,494	1.10	739,647	12.19	4
Gidan	34,560	25,077	38,257	1.11	386,686	6.58	6
Meket	48,107	39,009	67,134	1.40	465,832	4.12	5
Wadala	26,661	22,870	41,462	1.56	197,545	2.62	5
Dawutna Delanta	35,910	27,773	46,493	1.29	493,126	6.19	6
Guba Lafto	35,600	26,969	38,087	1.07	549,485	10.26	6
Habru	38,645	24,853	29,807	0.77	508,984	14.14	4
South Wollo Zone	491,860	362,546	557,277	1.13	6,112,271	7.26	5
Mekdela	30,731	24,462	33,575	1.09	361,678	7.91	5
Tenta	35,460	25,504	34,435	0.97	468,840	9.92	6
Kutaber	21,652	17,034	26,533	1.23	473,526	11.28	9
Ambasel	26,365	20,277	31,561	1.20	541,519	10.82	7
Tehuledere	23,671	17,530	24,075	1.02	347,115	10.29	7
Werebabu	21,260	15,650	21,472	1.01	344,860	11.70	5
Kalu	39,177	26,726	37,471	0.96	591,316	11.29	5
Dessie Zuria	64,934	46,473	75,722	1.17	993,375	8.12	7
Legambo	35,598	24,139	35,366	0.99	271,152	5.28	5
Sayint	44,853	35,594	60,115	1.34	356,748	3.51	4
Debresina	36,673	26,259	46,406	1.27	175,766	2.16	3
Kelala	29,924	23,401	35,541	1.19	430,241	8.08	4
Jama	25,068	17,600	30,520	1.22	285,967	5.34	5
Were Ilu	29,715	21,606	31,107	1.05	304,734	6.82	5
Wegde	26,779	20,291	33,378	1.25	165,433	3.04	3
North Shewa (Amhara) Zone	338,763	252,590	414,706	1.22	3,708,816	5.54	4
Middana Weremo	16,652	11,473	17,621	1.06	71,617	2.65	3
Merhabete	23,035	17,851	26,030	1.13	77,887	2.04	2
Insarona Wayu	24,523	17,503	33,821	1.38	211,558	3.20	4
Moretna Jiru	17,289	13,382	20,773	1.20	163,894	4.80	3

TABLE 8. 9A:- Number of Holders Reporting Plough-Beam Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Beam, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Beams Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Beam (Birr)	Average Duration of Service of Plough-Beam (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	20,151	35,941	1.32	221,021	3.46	5
Geshe	11,701	8,668	12,670	1.08	104,856	5.50	5
Antsokiya Gemza	12,985	8,359	11,984	0.92	126,661	7.34	3
Efratana Gidim	18,721	14,413	21,878	1.17	254,830	7.76	3
Lalo Midir	23,780	17,909	31,664	1.33	182,146	3.28	4
Mojana Wadera	14,989	11,134	21,158	1.41	86,107	2.13	4
Tarma Ber	17,150	12,100	19,093	1.11	167,010	5.79	3
Kewet	20,399	14,800	19,528	0.96	289,641	11.32	4
Asagirt	9,625	7,530	11,598	1.20	122,583	6.98	4
Angolelana Tera	14,930	11,897	21,135	1.42	191,571	5.14	7
Ankober	15,834	11,974	17,038	1.08	192,009	7.89	4
Hagere Mariam	10,654	8,179	14,616	1.37	196,597	7.68	5
Berehet	5,414	4,793	6,752	1.25	125,482	13.42	4
Minjarna Shenkora	22,920	18,403	32,958	1.44	611,881	10.61	4
Basona Werana	30,894	22,073	38,450	1.24	311,467	4.72	4
East Gojam Zone	377,208	306,989	596,386	1.58	2,327,760	1.98	3
Bibugn	20,380	16,214	29,439	1.44	73,886	1.35	2
Hulet Ej Enese	42,922	36,704	69,343	1.62	237,902	1.72	4
Goncha Siso Enese	26,631	21,656	38,888	1.46	152,112	2.16	4
Enbise Sar Midir	26,244	20,908	33,308	1.27	154,067	2.86	4
Enarj Enawga	31,408	26,138	49,844	1.59	206,745	2.20	3
Enemay	26,307	21,407	48,035	1.83	213,180	1.98	4
Debay Telatgen	24,182	20,617	41,835	1.73	151,208	1.83	4
Machakel	38,432	32,790	64,701	1.68	193,940	1.51	3
Guzamn	42,814	36,098	62,752	1.47	200,302	1.83	3
Baso Liben	26,092	19,920	39,614	1.52	157,428	1.99	3
Awabel	32,111	26,496	56,179	1.75	253,637	2.11	4
Dejen	20,267	15,144	39,189	1.93	202,949	2.02	4
Shebel Berenta	19,419	12,899	23,259	1.20	130,404	3.09	3
West Gojam Zone	371,763	298,951	619,388	1.67	1,950,755	1.49	3
Achefer	47,990	38,842	74,837	1.56	272,771	1.90	3
Bahir Dar Zuria	44,777	33,659	79,096	1.77	276,101	1.49	3
Yilman Densa	53,378	42,278	87,514	1.64	232,792	1.26	4
Merawi	47,811	37,672	76,202	1.59	203,261	1.33	3
Sekela	25,751	21,924	37,422	1.45	82,444	1.28	3
Kuarit	30,012	25,549	51,878	1.73	149,503	1.43	3
Dega Damot	28,781	23,548	40,868	1.42	106,193	1.47	2
Dembecha	21,896	18,452	40,840	1.87	140,858	1.54	2
Jabi Tehnan	35,596	28,493	60,208	1.69	164,797	1.28	3
Bure Wemberma	35,772	28,535	70,524	1.97	322,035	1.79	3
Waghamra Zone	75,654	62,559	94,430	1.25	935,864	6.45	3
Zikuala	13,305	11,555	18,725	1.41	164,217	5.29	2
Sekota	33,740	27,526	42,648	1.26	439,512	6.40	3
Dehana	28,610	23,478	33,056	1.16	332,135	7.17	4
Awi Zone	152,723	117,698	193,637	1.27	553,725	1.71	3
Dangela	33,997	27,863	51,400	1.51	172,313	1.84	3
Banja	25,927	21,461	35,309	1.36	89,751	1.50	3
Ankesha	38,056	26,838	44,963	1.18	126,413	1.64	3
Guangua	31,273	22,330	30,823	0.99	82,582	1.95	2
Faggeta Lekoma	23,471	19,207	31,142	1.33	82,666	1.59	3
Oromia Zone	72,663	52,605	66,208	0.91	972,016	11.78	4
Chefe Golana Dawe Rahimedo	30,075	20,340	26,623	0.89	366,525	10.73	4
Bati	16,309	12,540	16,862	1.03	274,138	12.40	4
Jile Tsumiga	11,838	9,379	10,622	0.90	143,076	11.73	3
Artuma Fursi	14,442	10,345	12,101	0.84	188,277	13.28	4

TABLE 8.10A: - Number of Holders Reporting Plough-Tip (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Tip, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Tip (Birr)	Average Duration of Service of Plough-Tip (Years)
Amhara Region	2,989,354	2,283,412	2,628,066	0.88	48,590,555	16.03	8
North Gonder Zone	426,798	321,671	385,740	0.90	9,396,052	20.46	8
Addi Arkay	23,992	17,978	21,469	0.89	729,498	28.79	8
Beyeda	17,537	11,142	12,131	0.69	228,804	17.37	9
Janamora	29,184	19,291	21,737	0.74	463,304	19.26	9
Debark	21,492	16,605	18,759	0.87	578,948	27.29	11
Dabat	24,578	17,969	20,039	0.82	533,850	23.66	8
Sanja	24,523	21,711	28,014	1.14	884,224	24.44	7
Lay Armacheho	24,975	18,182	20,374	0.82	401,858	17.67	8
Wegera	37,057	26,143	31,359	0.85	636,359	16.73	9
Gondar Zuria	38,957	28,341	34,873	0.90	688,674	16.29	8
Dembia	41,272	30,981	37,961	0.92	915,276	19.84	10
Chilga	32,286	25,203	29,170	0.90	843,411	25.06	12
Metema	10,152	8,490	10,306	1.02	292,932	23.11	9
Quara	9,401	7,743	10,095	1.07	289,781	24.16	8
Alefa	46,244	33,429	39,251	0.85	984,866	21.27	8
Belesa	45,148	38,464	50,201	1.11	924,268	14.34	5
South Gonder Zone	374,252	292,274	342,730	0.92	5,514,702	13.83	8
Ebenat	41,969	32,388	39,060	0.93	512,039	11.00	6
Kemekem	30,786	23,431	27,699	0.90	472,329	14.38	7
Fogera	40,393	29,954	39,843	0.99	548,995	10.36	9
Farta	47,634	38,705	45,428	0.95	760,571	14.21	9
Lay Gayint	39,303	29,613	32,737	0.83	507,574	14.22	7
Tach Gayint	20,270	14,221	14,990	0.74	190,176	12.04	8
Simada	47,033	36,411	41,860	0.89	745,553	15.83	8
Estie	63,489	53,289	63,462	1.00	1,128,882	15.11	7
Dera	43,376	34,262	37,651	0.87	648,583	15.53	10
North Wollo Zone	307,669	234,333	264,754	0.86	4,008,539	13.48	5
Bugna	46,716	35,341	40,356	0.86	554,434	12.21	4
Kobo	41,472	34,370	36,907	0.89	603,646	15.19	4
Gidan	34,560	24,726	27,852	0.81	358,420	11.69	4
Meket	48,107	38,829	46,708	0.97	792,060	14.21	6
Wadala	26,661	22,216	26,264	0.99	399,501	12.94	8
Dawutna Delanta	35,910	27,239	30,632	0.85	474,423	13.79	7
Guba Lafto	35,600	26,852	29,614	0.83	423,184	12.98	4
Habru	38,645	24,760	26,422	0.68	402,871	14.32	4
South Wollo Zone	491,860	359,827	383,214	0.78	6,268,152	15.36	7
Mekdela	30,731	24,287	25,744	0.84	383,512	14.13	6
Tenta	35,460	25,608	27,311	0.77	435,130	14.96	6
Kutaber	21,652	16,989	18,874	0.87	360,879	17.26	9
Ambasel	26,365	20,344	21,605	0.82	335,177	14.57	6
Tehuledere	23,671	17,259	18,145	0.77	296,964	15.56	7
Werebabu	21,260	15,420	17,349	0.82	273,730	14.02	4
Kalu	39,177	26,870	28,107	0.72	488,517	16.64	5
Dessie Zuria	64,934	45,869	48,969	0.75	765,353	14.77	7
Legambo	35,598	23,836	25,306	0.71	281,943	10.55	5
Sayint	44,853	35,503	37,020	0.83	613,389	15.93	9
Debresina	36,673	26,017	27,206	0.74	463,350	16.28	9
Kelala	29,924	23,334	25,704	0.86	532,233	18.61	4
Jama	25,068	17,453	18,608	0.74	310,944	15.66	7
Were Ilu	29,715	21,419	22,332	0.75	304,336	13.11	7
Wegde	26,779	19,618	20,934	0.78	422,695	18.93	6
North Shewa (Amhara) Zone	338,763	252,061	296,532	0.88	4,716,237	13.31	6
Middana Weremo	16,652	11,469	12,822	0.77	164,175	11.40	5
Merhabete	23,035	17,839	20,196	0.88	269,866	11.85	5
Insarona Wayu	24,523	17,498	21,176	0.86	341,844	13.26	8
Moretna Jiru	17,289	13,426	14,904	0.86	188,886	11.42	6

TABLE 8.10A: - Number of Holders Reporting Plough-Tip (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Tip, for Private Holdings. (Continued.)

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Tip (Birr)	Average Duration of Service of Plough-Tip (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	19,934	23,700	0.87	333,154	11.84	7
Geshe	11,701	8,736	9,220	0.79	96,321	9.83	7
Antsokiya Gemza	12,985	8,351	8,594	0.66	160,298	18.00	4
Efratana Gidim	18,721	14,195	15,565	0.83	301,795	18.32	3
Lalo Midir	23,780	17,672	18,879	0.79	307,032	15.33	8
Mojana Wadera	14,989	10,913	11,802	0.79	151,825	12.04	8
Tarma Ber	17,150	12,316	14,294	0.83	201,832	12.11	4
Kewet	20,399	14,935	16,753	0.82	275,094	14.83	5
Asagirt	9,625	7,466	8,699	0.90	204,152	16.82	7
Angolelana Tera	14,930	11,840	15,915	1.07	200,420	9.21	9
Ankober	15,834	11,976	13,426	0.85	202,807	13.59	4
Hagere Mariam	10,654	8,178	10,401	0.98	169,227	12.80	7
Berehet	5,414	4,771	5,753	1.06	114,736	16.57	5
Minjarna Shenkora	22,920	18,377	27,094	1.18	646,114	15.93	7
Basona Werana	30,894	22,169	27,340	0.88	386,659	11.34	7
East Gojam Zone	377,208	299,591	357,955	0.95	7,916,657	18.47	11
Bibugn	20,380	15,166	15,905	0.78	303,803	18.34	10
Hulet Ej Enese	42,922	35,073	39,263	0.91	594,904	13.88	11
Goncha Siso Enese	26,631	20,842	22,526	0.85	422,327	17.40	10
Enbise Sar Midir	26,244	20,503	21,334	0.81	396,809	17.81	8
Enarj Enawga	31,408	25,550	28,348	0.90	677,628	21.63	12
Enemay	26,307	20,685	26,359	1.00	749,479	22.51	12
Debay Telatgen	24,182	19,809	24,194	1.00	647,872	22.38	13
Machakel	38,432	32,222	40,773	1.06	651,041	13.02	11
Guzamn	42,814	35,588	41,047	0.96	933,261	19.77	12
Baso Liben	26,092	19,818	24,249	0.93	541,233	18.30	9
Awabel	32,111	26,376	37,824	1.18	954,550	17.58	11
Dejen	20,267	15,217	22,260	1.10	698,448	21.82	11
Shebel Berenta	19,419	12,741	13,873	0.71	345,303	22.81	9
West Gojam Zone	371,763	291,077	328,422	0.88	6,816,664	18.48	10
Achefer	47,990	38,904	44,671	0.93	837,290	16.34	9
Bahir Dar Zuria	44,777	33,160	38,148	0.85	957,445	22.00	11
Yilman Densa	53,378	38,881	41,268	0.77	927,567	21.17	11
Merawi	47,811	36,667	39,953	0.84	717,480	16.63	13
Sekela	25,751	21,734	23,182	0.90	293,568	12.04	7
Kuarit	30,012	24,116	26,007	0.87	665,102	23.76	10
Dega Damot	28,781	22,400	22,764	0.79	583,071	25.17	11
Dembecha	21,896	18,492	23,026	1.05	552,791	19.14	10
Jabi Tehnan	35,596	28,237	33,392	0.94	655,089	16.89	9
Bure Wemberma	35,772	28,486	36,011	1.01	627,263	13.58	9
Waghamra Zone	75,654	62,046	74,658	0.99	1,292,733	14.42	5
Zikuala	13,305	11,632	15,838	1.19	291,414	13.69	5
Sekota	33,740	27,551	33,480	0.99	590,725	14.51	4
Dehana	28,610	22,863	25,340	0.89	410,594	14.75	6
Awi Zone	152,723	117,493	136,795	0.90	1,750,915	10.95	7
Dangela	33,997	27,512	33,235	0.98	532,698	13.23	8
Banja	25,927	20,822	22,128	0.85	215,414	9.16	8
Ankesha	38,056	26,408	30,589	0.80	301,176	8.43	7
Guangua	31,273	23,853	28,683	0.92	442,987	12.89	5
Faggeta Lekoma	23,471	18,897	22,159	0.94	258,640	10.26	8
Oromia Zone	72,663	53,038	57,267	0.79	909,904	14.76	3
Chefe Golana Dawe Rahimedo	30,075	20,374	22,411	0.75	339,240	13.90	3
Bati	16,309	12,761	14,002	0.86	237,870	15.41	3
Jile Tsumiga	11,838	9,571	9,964	0.84	139,869	13.46	3
Artuma Fursi	14,442	10,331	10,890	0.75	192,924	16.88	3

TABLE 8.11A: - Number of Holders Reporting 'Wegel' -Tip Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Wegel' -Tip, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Wegel' -Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Wegel' -Tip (Birr)	Average Duration of Service of 'Wegel' -Tip (Years)
Amhara Region	2,989,354	2,282,885	2,556,122	0.86	10,792,587	3.77	6
North Gonder Zone	426,798	320,526	369,561	0.87	1,963,394	4.61	6
Addi Arkay	23,992	18,105	21,707	0.90	159,802	6.13	5
Beyeda	17,537	11,320	12,307	0.70	55,886	4.17	5
Janamora	29,184	20,062	22,707	0.78	123,043	4.77	6
Debark	21,492	16,470	20,301	0.94	94,884	3.94	5
Dabat	24,578	18,034	20,309	0.83	92,048	4.04	6
Sanja	24,523	21,295	26,161	1.07	177,097	5.55	4
Lay Armacheho	24,975	17,441	18,773	0.75	125,604	6.24	6
Wegera	37,057	25,912	29,938	0.81	121,546	3.53	8
Gondar Zuria	38,957	28,771	31,802	0.82	140,856	3.91	7
Dembia	41,272	31,864	34,430	0.83	198,720	5.34	8
Chilga	32,286	24,958	27,673	0.86	191,229	6.23	8
Metema	10,152	8,565	10,383	1.02	67,559	5.28	7
Quara	9,401	7,762	9,410	1.00	49,220	4.40	5
Alefa	46,244	32,881	38,129	0.82	149,277	3.36	6
Belesa	45,148	37,084	45,530	1.01	216,624	3.90	5
South Gonder Zone	374,252	290,919	315,269	0.84	1,145,353	3.35	7
Ebenat	41,969	32,549	35,988	0.86	126,672	3.14	5
Kemekem	30,786	22,889	25,117	0.82	95,233	3.43	6
Fogera	40,393	30,331	33,775	0.84	97,039	2.59	7
Farta	47,634	38,122	40,974	0.86	147,970	3.34	8
Lay Gayint	39,303	29,836	32,325	0.82	143,862	4.09	6
Tach Gayint	20,270	14,189	14,629	0.72	52,147	3.45	8
Simada	47,033	36,272	38,173	0.81	161,933	4.05	9
Estie	63,489	52,642	57,518	0.91	206,306	3.30	7
Dera	43,376	34,090	36,771	0.85	114,192	2.88	8
North Wollo Zone	307,669	234,416	263,470	0.86	1,089,938	3.69	4
Bugna	46,716	35,109	39,671	0.85	165,328	3.71	3
Kobo	41,472	34,333	37,298	0.90	150,722	3.73	4
Gidan	34,560	24,920	27,592	0.80	114,080	3.74	4
Meket	48,107	38,649	45,539	0.95	198,031	3.69	5
Wadala	26,661	22,272	26,442	0.99	108,731	3.52	7
Dawutna Delanta	35,910	27,115	30,303	0.84	121,550	3.60	6
Guba Lafto	35,600	26,976	29,572	0.83	107,317	3.31	4
Habru	38,645	25,043	27,053	0.70	124,179	4.30	4
South Wollo Zone	491,860	361,450	388,112	0.79	1,886,279	4.50	5
Mekdela	30,731	24,593	25,950	0.84	130,816	4.80	5
Tenta	35,460	25,695	27,807	0.78	132,565	4.38	5
Kutaber	21,652	17,074	19,786	0.91	139,975	6.08	7
Ambasel	26,365	20,227	21,768	0.83	108,241	4.58	5
Tehuledere	23,671	17,342	18,308	0.77	95,230	4.87	5
Werebabu	21,260	15,275	16,925	0.80	75,636	4.03	4
Kalu	39,177	27,074	28,841	0.74	122,981	3.99	4
Dessie Zuria	64,934	45,993	49,828	0.77	237,116	4.37	6
Legambo	35,598	24,022	25,413	0.71	92,460	3.43	5
Sayint	44,853	35,372	36,909	0.82	178,339	4.64	6
Debresina	36,673	26,097	27,494	0.75	131,910	4.56	8
Kelala	29,924	23,589	25,985	0.87	137,154	4.72	5
Jama	25,068	17,630	19,178	0.77	87,697	4.19	5
Were Ilu	29,715	21,600	22,667	0.76	101,129	4.21	5
Wegde	26,779	19,865	21,252	0.79	115,030	5.09	6
North Shewa (Amhara) Zone	338,763	251,352	292,996	0.86	1,152,669	3.35	5
Middana Weremo	16,652	11,297	12,558	0.75	35,755	2.55	4
Merhabete	23,035	17,567	19,530	0.85	54,227	2.50	4
Insarona Wayu	24,523	17,458	20,670	0.84	68,918	2.83	6
Moretna Jiru	17,289	13,342	14,521	0.84	41,220	2.59	4

TABLE 8.11A: - Number of Holders Reporting 'Wegel' -Tip Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Wegel' -Tip, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Wegel' -Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Wegel' -Tip (Birr)	Average Duration of Service of 'Wegel' -Tip (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	19,806	23,744	0.87	93,021	3.24	6
Geshe	11,701	8,722	9,354	0.80	28,516	2.87	5
Antsokiya Gemza	12,985	8,439	8,850	0.68	36,031	3.89	3
Efratana Gidim	18,721	14,234	15,214	0.81	76,385	4.69	3
Lalo Midir	23,780	17,769	19,622	0.83	86,543	4.02	6
Mojana Wadera	14,989	10,887	12,018	0.80	36,280	2.78	6
Tarma Ber	17,150	12,124	14,439	0.84	51,800	2.96	4
Kewet	20,399	14,702	16,670	0.82	63,387	3.39	4
Asagirt	9,625	7,462	8,574	0.89	40,370	4.12	7
Angolelana Tera	14,930	11,844	14,895	1.00	47,018	2.48	6
Ankober	15,834	12,071	13,749	0.87	64,979	4.22	5
Hagere Mariam	10,654	8,220	10,191	0.96	44,184	3.48	6
Berehet	5,414	4,748	5,858	1.08	38,363	5.45	5
Minjarna Shenkora	22,920	18,373	26,336	1.15	153,898	4.09	7
Basona Werana	30,894	22,288	26,205	0.85	91,775	2.96	5
East Gojam Zone	377,208	299,748	333,754	0.88	1,383,355	3.74	8
Bibugn	20,380	14,925	16,070	0.79	70,815	4.15	8
Hulet Ej Enese	42,922	35,164	36,747	0.86	137,406	3.59	9
Goncha Siso Enese	26,631	21,046	22,272	0.84	95,066	3.99	7
Enbise Sar Midir	26,244	20,521	21,195	0.81	91,400	4.17	7
Enarj Enawga	31,408	25,186	26,868	0.86	123,398	4.37	10
Enemay	26,307	20,989	22,521	0.86	102,206	4.22	9
Debay Telatgen	24,182	19,944	22,222	0.92	100,778	4.12	10
Machakel	38,432	32,376	38,849	1.01	125,497	2.72	8
Guzamn	42,814	35,822	40,536	0.95	162,201	3.54	8
Baso Liben	26,092	19,879	23,315	0.89	87,143	3.16	6
Awabel	32,111	26,300	33,038	1.03	146,094	3.50	7
Dejen	20,267	14,980	17,078	0.84	88,533	4.58	8
Shebel Berenta	19,419	12,615	13,045	0.67	52,819	3.94	7
West Gojam Zone	371,763	291,300	321,801	0.87	1,159,022	3.27	7
Achefer	47,990	39,171	43,847	0.91	133,381	2.73	7
Bahir Dar Zuria	44,777	33,416	37,882	0.85	140,617	3.29	8
Yilman Densa	53,378	38,124	39,481	0.74	166,061	4.09	9
Merawi	47,811	36,650	39,682	0.83	140,028	3.27	8
Sekela	25,751	21,738	22,881	0.89	59,140	2.47	5
Kuarit	30,012	23,977	24,792	0.83	93,969	3.66	6
Dega Damot	28,781	22,831	23,647	0.82	114,229	4.70	8
Dembecha	21,896	18,377	22,450	1.03	84,540	3.01	7
Jabi Tehnan	35,596	28,306	31,624	0.89	106,299	3.00	6
Bure Wemberma	35,772	28,711	35,515	0.99	120,758	2.73	7
Waghamra Zone	75,654	62,110	76,007	1.00	377,300	4.09	4
Zikuala	13,305	11,402	14,635	1.10	72,944	3.94	3
Sekota	33,740	27,594	35,197	1.04	156,946	3.48	4
Dehana	28,610	23,114	26,175	0.91	147,410	5.00	4
Awi Zone	152,723	118,191	137,980	0.90	400,407	2.47	6
Dangela	33,997	27,701	33,781	0.99	115,360	2.80	7
Banja	25,927	20,991	22,671	0.87	54,887	2.23	6
Ankesha	38,056	26,474	30,778	0.81	75,916	2.11	5
Guangua	31,273	24,065	29,316	0.94	90,743	2.57	4
Faggeta Lekoma	23,471	18,960	21,435	0.91	63,501	2.60	6
Oromia Zone	72,663	52,873	57,171	0.79	234,870	3.81	3
Chefe Golana Dawe Rahimedo	30,075	20,478	22,287	0.74	82,948	3.45	3
Bati	16,309	12,535	14,002	0.86	66,197	4.25	3
Jile Tsumiga	11,838	9,556	9,944	0.84	36,036	3.46	3
Artuma Fursi	14,442	10,304	10,937	0.76	49,689	4.29	3

TABLE 8.12A: - Number of Holders Reporting Yoke Owned, Quantity Reported, Replacement Value, and Duration of Service of Yoke, for Private Holdings.

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Yokes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Yoke (Birr)	Average Duration of Service of Yoke (Years)
Amhara Region	2,989,354	2,294,919	2,788,608	0.93	16,174,215	4.85	6
North Gonder Zone	426,798	334,662	425,924	1.00	2,153,625	4.01	4
Addi Arkay	23,992	18,690	25,710	1.07	192,737	5.48	3
Beyeda	17,537	12,317	16,487	0.94	80,902	3.72	4
Janamora	29,184	21,102	27,698	0.95	124,794	3.36	4
Debark	21,492	17,057	25,447	1.18	88,693	2.45	3
Dabat	24,578	18,907	23,198	0.94	83,340	2.95	3
Sanja	24,523	22,183	27,002	1.10	188,423	5.75	2
Lay Armacheho	24,975	18,544	23,505	0.94	103,896	3.54	3
Wegera	37,057	27,851	34,786	0.94	153,073	3.49	6
Gondar Zuria	38,957	29,440	36,801	0.94	205,496	4.40	5
Dembia	41,272	31,434	34,413	0.83	211,573	5.58	6
Chilga	32,286	26,790	33,243	1.03	130,195	3.22	3
Metema	10,152	8,778	11,116	1.09	68,533	4.82	3
Quara	9,401	8,112	9,972	1.06	44,905	3.66	2
Alefa	46,244	35,302	42,651	0.92	216,695	4.25	6
Belesa	45,148	38,154	53,896	1.19	260,370	3.54	3
South Gonder Zone	374,252	290,171	343,763	0.92	2,101,336	5.23	7
Ebenat	41,969	33,356	44,273	1.05	199,996	3.44	4
Kemekem	30,786	23,594	28,105	0.91	156,428	4.73	5
Fogera	40,393	29,816	34,975	0.87	249,307	6.21	9
Farta	47,634	36,892	41,996	0.88	307,990	6.36	9
Lay Gayint	39,303	29,810	37,542	0.96	183,979	3.97	6
Tach Gayint	20,270	14,600	17,959	0.89	49,993	2.26	7
Simada	47,033	35,780	39,668	0.84	237,128	5.43	9
Estie	63,489	51,863	61,342	0.97	485,697	6.75	8
Dera	43,376	34,460	37,903	0.87	230,818	5.55	8
North Wollo Zone	307,669	231,974	290,415	0.94	1,459,200	4.05	5
Bugna	46,716	34,472	46,594	1.00	227,533	3.65	4
Kobo	41,472	33,862	41,300	1.00	239,685	4.78	5
Gidan	34,560	24,962	29,702	0.86	145,913	4.10	6
Meket	48,107	38,761	53,046	1.10	242,160	3.38	5
Wadala	26,661	22,239	28,843	1.08	122,728	3.34	7
Dawutna Delanta	35,910	26,993	32,106	0.89	177,114	4.64	7
Guba Lafto	35,600	25,959	30,152	0.85	145,184	4.14	5
Habru	38,645	24,726	28,671	0.74	158,884	4.83	4
South Wollo Zone	491,860	360,309	421,924	0.86	2,678,442	5.46	6
Mekdela	30,731	24,435	26,937	0.88	207,964	7.16	7
Tenta	35,460	25,290	27,675	0.78	182,879	6.06	6
Kutaber	21,652	17,015	20,985	0.97	160,422	6.30	8
Ambasel	26,365	20,282	27,594	1.05	166,421	4.50	6
Tehuledere	23,671	17,076	20,182	0.85	106,669	4.53	6
Werebabu	21,260	15,639	18,810	0.88	126,315	5.72	5
Kalu	39,177	26,852	33,203	0.85	194,248	4.73	5
Dessie Zuria	64,934	46,542	55,012	0.85	377,067	5.81	8
Legambo	35,598	23,668	25,949	0.73	169,136	5.98	7
Sayint	44,853	35,290	42,654	0.95	197,506	3.76	7
Debresina	36,673	26,040	29,352	0.80	167,140	5.06	7
Kelala	29,924	23,269	26,789	0.90	213,149	6.87	5
Jama	25,068	17,358	20,514	0.82	149,881	6.19	6
Were Ilu	29,715	21,368	23,805	0.80	132,410	5.11	6
Wegde	26,779	20,184	22,462	0.84	127,236	5.13	6
North Shewa (Amhara) Zone	338,763	250,737	304,143	0.90	1,759,641	4.73	6
Middana Weremo	16,652	11,484	14,596	0.88	42,635	2.28	3
Merhabete	23,035	17,809	23,378	1.01	58,096	1.87	3
Insarona Wayu	24,523	17,203	20,667	0.84	133,395	5.43	8
Moretna Jiru	17,289	13,156	15,636	0.90	86,069	4.71	5

TABLE 8.12A: - Number of Holders Reporting Yoke Owned, Quantity Reported, Replacement Value, and Duration of Service of Yoke, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Yokes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Yoke (Birr)	Average Duration of Service of Yoke (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	19,773	23,540	0.86	97,312	3.46	7
Geshe	11,701	8,608	9,939	0.85	35,651	3.09	7
Antsokiya Gemza	12,985	8,482	10,496	0.81	44,824	3.38	4
Efratana Gidim	18,721	14,286	17,517	0.94	76,511	3.52	4
Lalo Midir	23,780	17,689	20,169	0.85	98,863	4.27	7
Mojana Wadera	14,989	10,900	12,330	0.82	61,243	4.34	9
Tarma Ber	17,150	12,138	14,974	0.87	71,597	3.82	5
Kewet	20,399	14,824	17,354	0.85	102,924	5.06	5
Asagirt	9,625	7,492	8,553	0.89	66,900	6.88	8
Angolelana Tera	14,930	11,826	14,663	0.98	90,762	5.03	10
Ankober	15,834	11,934	13,479	0.85	108,199	7.02	6
Hagere Mariam	10,654	8,102	10,415	0.98	84,143	6.16	8
Berehet	5,414	4,785	6,000	1.11	68,791	9.28	7
Minjarna Shenkora	22,920	18,395	25,413	1.11	278,351	7.89	8
Basona Werana	30,894	21,850	25,025	0.81	153,376	5.37	7
East Gojam Zone	377,208	301,627	361,336	0.96	2,467,273	5.91	7
Bibugn	20,380	15,163	16,246	0.80	120,961	7.08	7
Hulet Ej Enese	42,922	35,706	40,061	0.93	324,756	7.26	9
Goncha Siso Enese	26,631	21,171	24,245	0.91	154,473	5.61	7
Enbise Sar Midir	26,244	20,558	24,957	0.95	144,072	4.88	6
Enarj Enawga	31,408	25,846	29,213	0.93	286,373	8.78	8
Enemay	26,307	20,907	22,678	0.86	265,283	10.83	9
Debay Telatgen	24,182	20,227	22,610	0.93	220,087	8.79	10
Machakel	38,432	32,480	45,917	1.19	175,763	2.89	4
Guzamn	42,814	35,661	44,907	1.05	214,066	3.89	6
Baso Liben	26,092	19,755	23,708	0.91	99,257	3.58	5
Awabel	32,111	26,488	34,460	1.07	216,782	4.89	6
Dejen	20,267	14,929	18,474	0.91	143,149	6.36	6
Shebel Berenta	19,419	12,737	13,860	0.71	102,251	6.77	7
West Gojam Zone	371,763	293,932	345,584	0.93	2,263,719	5.63	6
Achefer	47,990	38,980	45,379	0.95	215,782	4.08	6
Bahir Dar Zuria	44,777	33,688	39,480	0.88	274,132	5.97	8
Yilman Densa	53,378	39,618	44,392	0.83	497,629	10.28	10
Merawi	47,811	37,090	41,780	0.87	192,055	4.06	5
Sekela	25,751	21,776	24,646	0.96	76,475	2.76	5
Kuarit	30,012	24,672	27,300	0.91	203,541	6.78	7
Dega Damot	28,781	22,980	24,325	0.85	204,046	7.86	8
Dembecha	21,896	18,325	25,987	1.19	185,352	5.01	5
Jabi Tehnan	35,596	28,447	33,528	0.94	204,750	5.12	4
Bure Wemberma	35,772	28,356	38,769	1.08	209,957	3.91	4
Waghamra Zone	75,654	62,112	84,636	1.12	524,217	4.46	3
Zikuala	13,305	11,563	17,279	1.30	112,336	4.23	3
Sekota	33,740	27,527	37,326	1.11	263,844	5.07	4
Dehana	28,610	23,023	30,031	1.05	148,037	3.85	3
Awi Zone	152,723	116,443	149,501	0.98	417,368	2.17	4
Dangela	33,997	27,653	36,552	1.08	130,312	2.71	4
Banja	25,927	21,316	24,987	0.96	67,146	2.25	5
Ankesha	38,056	26,409	34,891	0.92	91,948	1.98	3
Guangua	31,273	22,227	29,425	0.94	61,781	1.60	2
Faggeta Lekoma	23,471	18,837	23,645	1.01	66,182	2.23	4
Oromia Zone	72,663	52,951	61,381	0.84	349,394	4.89	4
Chefe Golana Dawe Rahimedo	30,075	20,681	24,598	0.82	137,993	4.73	4
Bati	16,309	12,384	15,229	0.93	104,114	5.55	5
Jile Tsumiga	11,838	9,529	10,260	0.87	46,127	4.14	4
Artuma Fursi	14,442	10,358	11,294	0.78	61,159	5.03	4

TABLE 8.13A: -Number of Holders Reporting Sickle Owned, Quantity Reported, Replacement Value, and Duration of Service of Sickle, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Sickles Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Sickle (Birr)	Average Duration of Service of Sickle (Years)
Amhara Region	2,989,354	2,686,409	5,507,067	1.84	30,832,048	2.97	5
North Gonder Zone	426,798	373,397	634,859	1.49	7,167,033	6.91	5
Addi Arkay	23,992	21,657	33,171	1.38	544,813	10.82	5
Beyeda	17,537	14,696	19,520	1.11	226,608	8.80	6
Janamora	29,184	23,787	33,621	1.15	457,771	9.66	6
Debark	21,492	19,526	29,459	1.37	421,554	9.42	6
Dabat	24,578	21,842	33,842	1.38	347,222	6.59	4
Sanja	24,523	22,398	37,971	1.55	585,991	9.31	4
Lay Armacheho	24,975	21,334	36,530	1.46	283,303	4.63	4
Wegera	37,057	31,655	47,843	1.29	406,691	5.63	5
Gondar Zuria	38,957	33,894	63,578	1.63	588,441	5.16	4
Dembia	41,272	37,610	89,394	2.17	654,848	3.28	4
Chilga	32,286	28,352	48,577	1.50	631,013	7.75	5
Metema	10,152	9,109	17,189	1.69	238,648	7.68	6
Quara	9,401	8,724	14,273	1.52	235,678	10.34	5
Alefa	46,244	39,185	64,720	1.40	720,369	6.96	5
Belesa	45,148	39,628	65,171	1.44	824,084	7.88	4
South Gonder Zone	374,252	337,092	788,254	2.11	2,883,224	1.73	5
Ebenat	41,969	36,154	67,128	1.60	303,691	2.43	5
Kemekem	30,786	28,012	60,845	1.98	359,265	2.99	4
Fogera	40,393	36,375	98,487	2.44	252,359	0.95	5
Farta	47,634	44,780	114,718	2.41	309,655	1.02	5
Lay Gayint	39,303	34,712	56,729	1.44	435,657	4.92	5
Tach Gayint	20,270	17,724	38,081	1.88	144,993	1.87	6
Simada	47,033	41,247	100,923	2.15	302,425	1.18	5
Estie	63,489	59,110	153,122	2.41	566,823	1.39	4
Dera	43,376	38,979	98,221	2.26	208,358	1.30	4
North Wollo Zone	307,669	277,490	578,482	1.88	2,526,315	2.22	4
Bugna	46,716	41,840	94,385	2.02	417,822	2.01	4
Kobo	41,472	36,914	59,156	1.43	477,476	5.24	5
Gidan	34,560	31,074	60,738	1.76	252,624	2.13	4
Meket	48,107	44,930	106,046	2.20	371,253	1.50	5
Wadala	26,661	24,719	59,929	2.25	196,532	1.32	4
Dawutna Delanta	35,910	32,010	73,329	2.04	217,792	1.33	4
Guba Lafto	35,600	32,315	65,656	1.84	314,011	2.49	4
Habru	38,645	33,690	59,243	1.53	278,806	2.65	4
South Wollo Zone	491,860	450,407	955,702	1.94	3,842,211	1.86	5
Mekdela	30,731	28,397	64,319	2.09	266,799	1.85	5
Tenta	35,460	32,169	64,182	1.81	274,933	2.12	5
Kutaber	21,652	20,725	52,253	2.41	284,205	2.11	6
Ambasel	26,365	25,178	58,577	2.22	270,628	1.88	5
Tehuledere	23,671	21,517	41,204	1.74	171,417	2.17	5
Werebabu	21,260	19,558	41,171	1.94	186,636	2.17	6
Kalu	39,177	37,001	77,468	1.98	326,370	1.96	5
Dessie Zuria	64,934	60,168	137,512	2.12	535,329	1.68	5
Legambo	35,598	30,391	53,907	1.51	162,104	1.64	4
Sayint	44,853	41,999	96,546	2.15	374,797	1.72	6
Debresina	36,673	32,521	63,288	1.73	197,334	1.58	5
Kelala	29,924	27,477	54,693	1.83	241,557	2.22	4
Jama	25,068	23,142	48,439	1.93	202,323	1.98	4
Were Ilu	29,715	26,540	56,377	1.90	183,299	1.48	4
Wegde	26,779	23,625	45,765	1.71	164,480	1.83	4
North Shewa (Amhara) Zone	338,763	300,307	698,017	2.06	3,072,758	2.00	5
Middana Weremo	16,652	14,786	26,883	1.61	72,667	1.47	4
Merhabete	23,035	21,020	49,210	2.14	120,713	1.02	4
Insarona Wayu	24,523	21,478	54,250	2.21	218,446	1.60	4
Moretna Jiru	17,289	15,209	37,743	2.18	101,164	1.06	4

TABLE 8.13A: -Number of Holders Reporting Sickle Owned, Quantity Reported, Replacement Value, and Duration of Service of Sickle, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Sickles Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Sickle (Birr)	Average Duration of Service of Sickle (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	24,450	55,834	2.05	198,194	1.53	6
Geshe	11,701	10,477	22,355	1.91	66,156	1.37	5
Antsokiya Gemza	12,985	11,707	19,633	1.51	81,847	2.42	5
Efratana Gidim	18,721	16,892	32,285	1.72	127,067	2.03	4
Lalo Midir	23,780	21,746	52,011	2.19	186,058	1.46	5
Mojana Wadera	14,989	13,034	38,837	2.59	87,886	0.77	5
Tarma Ber	17,150	15,074	36,234	2.11	149,313	1.66	5
Kewet	20,399	17,514	38,561	1.89	175,383	2.10	5
Asagirt	9,625	8,884	19,956	2.07	101,735	2.20	8
Angolelana Tera	14,930	13,268	33,878	2.27	184,931	2.14	6
Ankober	15,834	14,512	33,140	2.09	152,599	2.14	6
Hagere Mariam	10,654	9,535	21,241	1.99	245,646	5.08	6
Berehet	5,414	4,868	9,775	1.81	89,976	4.57	7
Minjarna Shenkora	22,920	18,971	32,880	1.43	514,302	9.04	5
Basona Werana	30,894	26,881	83,311	2.70	198,676	0.78	4
East Gojam Zone	377,208	341,537	645,285	1.71	4,016,007	3.51	6
Bibugn	20,380	17,365	26,320	1.29	233,267	5.95	6
Hulet Ej Enese	42,922	37,022	54,903	1.28	500,116	6.14	6
Goncha Siso Enese	26,631	23,370	39,628	1.49	272,824	4.06	5
Enbise Sar Midir	26,244	22,549	39,760	1.52	276,301	4.41	5
Enarj Enawga	31,408	27,431	41,621	1.33	420,437	6.94	7
Enemay	26,307	23,615	43,858	1.67	260,616	3.23	6
Debay Telatgen	24,182	22,644	36,384	1.50	254,312	4.51	7
Machakel	38,432	36,624	87,466	2.28	379,434	1.91	6
Guzamn	42,814	40,489	82,878	1.94	614,314	3.55	7
Baso Liben	26,092	25,088	58,284	2.23	172,518	1.27	5
Awabel	32,111	30,038	62,680	1.95	321,827	2.50	6
Dejen	20,267	18,413	40,294	1.99	200,094	2.25	6
Shebel Berenta	19,419	16,888	31,210	1.61	109,947	1.80	5
West Gojam Zone	371,763	329,684	617,237	1.66	4,431,701	3.94	5
Achefer	47,990	43,486	74,341	1.55	545,275	4.41	4
Bahir Dar Zuria	44,777	36,873	71,304	1.59	626,167	4.93	5
Yilman Densa	53,378	46,274	79,127	1.48	503,655	3.85	4
Merawi	47,811	44,278	82,143	1.72	362,887	2.50	5
Sekela	25,751	23,163	50,269	1.95	162,392	1.47	5
Kuarit	30,012	27,071	44,362	1.48	409,668	5.82	5
Dega Damot	28,781	25,340	41,856	1.45	298,253	4.28	7
Dembecha	21,896	18,823	42,553	1.94	355,853	3.63	5
Jabi Tehnan	35,596	32,495	62,285	1.75	508,359	4.39	5
Bure Wemberma	35,772	31,882	68,997	1.93	659,192	4.42	5
Waghamra Zone	75,654	71,314	139,069	1.84	1,052,162	4.02	5
Zikuala	13,305	12,567	22,235	1.67	264,776	6.89	5
Sekota	33,740	31,752	63,160	1.87	411,649	3.35	5
Dehana	28,610	26,994	53,675	1.88	375,738	3.61	6
Awi Zone	152,723	138,607	320,313	2.10	1,234,157	1.79	5
Dangela	33,997	30,941	62,729	1.85	608,985	4.89	4
Banja	25,927	23,612	56,498	2.18	128,098	0.95	5
Ankesha	38,056	34,340	76,739	2.02	203,015	1.17	4
Guangua	31,273	28,390	69,410	2.22	171,698	1.08	4
Faggeta Lekoma	23,471	21,325	54,938	2.34	122,362	0.85	5
Oromia Zone	72,663	66,575	129,849	1.79	606,477	2.36	5
Chefe Golana Dawe Rahimedo	30,075	28,156	54,889	1.83	265,515	2.48	5
Bati	16,309	14,783	31,726	1.95	157,843	2.32	6
Jile Tsumiga	11,838	10,719	20,431	1.73	80,114	1.94	5
Artuma Fursi	14,442	12,917	22,803	1.58	103,005	2.48	5

TABLE 8.14A: - Number of Holders Reporting Hay-Fork (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Hay-Fork, for Private Holdings:

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
Amhara Region	2,989,354	45,811	56,272	0.02	592,850	9.21	11
North Gonder Zone	426,798	11,433	13,720	0.03	191,811	12.94	12
Addi Arkay	23,992	523	595	0.02	5,190	8.48	8
Beyeda	17,537	308	379	0.02	2,733	6.65	7
Janamora	29,184	420	535	0.02	2,612	3.75	8
Debark	21,492	342	342	0.02	2,402	7.02	8
Dabat	24,578	1,638	1,849	0.08	39,047	19.40	12
Sanja	24,523	265	265	0.01	3,114	11.75	*
Lay Armacheho	24,975	485	630	0.03	*	*	14
Wegera	37,057	716	821	0.02	6,486	6.80	16
Gondar Zuria	38,957	609	923	0.02	8,549	7.69	16
Dembia	41,272	4,151	4,314	0.10	96,489	21.94	14
Chilga	32,286	533	679	0.02	*	*	*
Metema	10,152	*	*	*	*	*	*
Quara	9,401	74	*	*	*	*	*
Alefa	46,244	*	*	*	*	*	*
Belesa	45,148	588	740	0.02	4,767	5.69	9
South Gonder Zone	374,252	5,342	6,421	0.02	51,908	7.24	16
Ebenat	41,969	390	444	0.01	1,739	3.38	9
Kemekem	30,786	391	471	0.02	*	*	*
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	517	580	0.01	2,234	3.47	12
Lay Gayint	39,303	379	598	0.02	3,590	4.57	9
Tach Gayint	20,270	667	710	0.04	4,505	6.13	16
Simada	47,033	954	1,059	0.02	7,079	6.19	12
Estie	63,489	1,126	1,507	0.02	*	*	*
Dera	43,376	679	813	0.02	5,221	6.26	20
North Wollo Zone	307,669	2,902	3,609	0.01	20,366	4.90	7
Bugna	46,716	553	677	0.01	2,572	3.25	8
Kobo	41,472	*	*	*	*	*	*
Gidan	34,560	367	*	*	3,008	*	6
Meket	48,107	739	963	0.02	4,273	4.09	7
Wadala	26,661	305	372	0.01	3,721	9.10	9
Dawutna Delanta	35,910	494	494	0.01	*	*	*
Guba Lafto	35,600	165	165	0.00	*	*	*
Habru	38,645	*	*	*	*	*	*
South Wollo Zone	491,860	3,535	4,094	0.01	29,188	6.42	14
Mekdela	30,731	*	*	*	*	*	*
Tenta	35,460	554	602	0.02	7,057	11.44	12
Kutaber	21,652	210	238	0.01	2,585	9.68	12
Ambasel	26,365	291	362	0.01	2,046	5.05	*
Tehuledere	23,671	*	*	*	*	*	*
Werebabu	21,260	*	*	*	*	*	*
Kalu	39,177	*	*	*	*	*	*
Dessie Zuria	64,934	*	*	*	*	*	*
Legambo	35,598	315	315	0.01	2,186	6.94	10
Sayint	44,853	240	*	*	*	*	*
Debresina	36,673	*	*	*	*	*	*
Kelala	29,924	258	335	0.01	1,781	3.94	3
Jama	25,068	135	135	0.01	*	*	*
Were Ilu	29,715	*	375	*	*	*	*
Wegde	26,779	154	154	0.01	*	*	*
North Shewa (Amhara) Zone	338,763	9,624	11,866	0.04	173,383	11.59	11
Middana Weremo	16,652	*	*	*	*	*	*
Merhabete	23,035	*	*	*	*	*	*
Insarona Wayu	24,523	427	427	0.02	4,065	9.52	9
Moretna Jiru	17,289	102	102	0.01	*	*	*

TABLE 8.14A: - Number of Holders Reporting Hay-Fork (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Hay-Fork, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	230	268	0.01	1,719	5.99	*
Geshe	11,701	114	129	0.01	*	*	*
Antsokiya Gemza	12,985	68	68	0.01	*	*	*
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	343	343	0.01	4,572	13.33	21
Mojana Wadera	14,989	176	230	0.02	1,009	4.08	11
Tarma Ber	17,150	76	76	0.00	*	*	*
Kewet	20,399	85	*	*	*	*	*
Asagirt	9,625	42	42	0.00	*	*	7
Angolelana Tera	14,930	408	464	0.03	3,895	7.16	14
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	72	72	0.01	385	5.34	4
Berehet	5,414	*	*	*	*	*	*
Minjarna Shenkora	22,920	6,748	8,736	0.38	146,325	12.82	10
Basona Werana	30,894	395	430	0.01	4,018	8.37	16
East Gojam Zone	377,208	6,077	7,120	0.02	81,689	10.55	11
Bibugn	20,380	240	323	0.02	851	1.97	7
Hulet Ej Enese	42,922	536	604	0.01	*	*	*
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	472	608	0.02	6,778	9.39	11
Enarj Enawga	31,408	1,045	1,119	0.04	13,169	11.46	11
Enemay	26,307	1,034	1,110	0.04	23,812	20.40	14
Debay Telatgen	24,182	637	674	0.03	5,070	*	10
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	371	558	0.01	1,063	1.34	1
Baso Liben	26,092	*	*	*	*	*	*
Awabel	32,111	404	498	0.02	3,612	*	11
Dejen	20,267	287	334	0.02	3,474	8.96	11
Shebel Berenta	19,419	303	362	0.02	*	*	*
West Gojam Zone	371,763	4,010	5,280	0.01	22,746	3.57	7
Achefer	47,990	610	688	0.01	1,861	2.25	3
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	784	1,164	0.02	*	*	11
Merawi	47,811	443	443	0.01	1,059	2.39	2
Sekela	25,751	255	350	0.01	873	*	4
Kuarit	30,012	214	252	0.01	*	*	*
Dega Damot	28,781	432	575	0.02	2,047	3.06	5
Dembecha	21,896	178	295	0.01	*	*	*
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	487	654	0.02	4,770	6.41	*
Waghamra Zone	75,654	836	1,267	0.02	7,952	5.11	5
Zikuala	13,305	248	366	0.03	2,746	6.33	4
Sekota	33,740	325	563	0.02	2,045	2.48	5
Dehana	28,610	264	338	0.01	3,160	8.20	5
Awi Zone	152,723	1,611	2,312	0.02	10,062	3.85	10
Dangela	33,997	339	339	0.01	*	*	*
Banja	25,927	194	265	0.01	*	*	*
Ankesha	38,056	422	512	0.01	3,130	*	*
Guangua	31,273	369	874	0.03	1,401	0.74	4
Faggeta Lekoma	23,471	286	322	0.01	*	*	*
Oromia Zone	72,663	442	582	0.01	3,746	5.28	10
Chefe Golana Dawe Rahimedo	30,075	*	*	*	*	*	*
Bati	16,309	178	178	0.01	1,140	6.41	10
Jile Tsumiga	11,838	*	*	*	*	*	*
Artuma Fursi	14,442	*	*	*	*	*	*

TABLE 8.15A: - Number of Holders Reporting Hay-Fork (Wood) Owned, Quantity Reported, Replacement Value, and Duration of Service of Hay-Fork,for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
Amhara Region	2,989,354	1,802,766	3,124,631	1.05	10,472,226	1.97	5
North Gonder Zone	426,798	265,379	469,564	1.10	1,605,491	1.95	4
Addi Arkay	23,992	17,518	29,732	1.24	158,818	3.43	3
Beyeda	17,537	13,298	25,344	1.45	85,314	1.80	4
Janamora	29,184	21,816	44,245	1.52	144,524	1.63	4
Debark	21,492	16,777	33,211	1.55	123,600	1.83	4
Dabat	24,578	16,021	27,857	1.13	98,002	1.98	4
Sanja	24,523	16,385	23,341	0.95	98,269	2.81	4
Lay Armacheho	24,975	14,731	25,091	1.00	84,447	1.83	4
Wegera	37,057	25,578	51,974	1.40	152,516	1.42	5
Gondar Zuria	38,957	24,016	50,515	1.30	200,269	1.97	4
Dembia	41,272	15,489	18,743	0.45	84,521	3.65	4
Chilga	32,286	17,950	30,278	0.94	88,019	1.73	4
Metema	10,152	3,406	4,658	0.46	20,210	3.32	3
Quara	9,401	6,347	8,062	0.86	15,779	1.57	2
Alefa	46,244	28,492	45,696	0.99	103,053	1.40	3
Belesa	45,148	27,556	50,818	1.13	148,152	1.61	3
South Gonder Zone	374,252	220,062	410,238	1.10	1,257,246	1.65	5
Ebenat	41,969	25,776	50,615	1.21	140,336	1.39	4
Kemekem	30,786	17,380	32,873	1.07	123,208	2.07	4
Fogera	40,393	18,284	30,281	0.75	86,717	1.73	5
Farta	47,634	30,938	60,900	1.28	211,061	1.76	6
Lay Gayint	39,303	27,677	49,207	1.25	216,692	2.41	5
Tach Gayint	20,270	11,216	21,407	1.06	66,838	1.61	7
Simada	47,033	26,238	48,967	1.04	140,180	1.52	6
Estie	63,489	39,626	76,411	1.20	195,111	1.36	5
Dera	43,376	22,929	39,575	0.91	77,103	1.17	4
North Wollo Zone	307,669	179,498	288,441	0.94	1,178,682	2.56	5
Bugna	46,716	31,110	55,176	1.18	221,007	2.33	4
Kobo	41,472	18,892	28,532	0.69	102,687	2.42	5
Gidan	34,560	22,374	30,610	0.89	157,191	3.74	5
Meket	48,107	33,303	58,488	1.22	228,567	2.19	5
Wadala	26,661	19,429	33,563	1.26	144,551	2.44	6
Dawutna Delanta	35,910	23,030	37,597	1.05	169,192	2.79	5
Guba Lafto	35,600	16,204	20,843	0.59	92,260	3.39	6
Habru	38,645	15,158	23,633	0.61	63,226	1.75	5
South Wollo Zone	491,860	294,356	478,323	0.97	2,246,990	2.92	6
Mekdela	30,731	20,489	29,958	0.97	158,993	3.69	6
Tenta	35,460	20,172	27,617	0.78	161,298	4.40	7
Kutaber	21,652	15,060	24,086	1.11	160,905	4.29	9
Ambasel	26,365	16,328	25,025	0.95	147,870	3.88	8
Tehuledere	23,671	11,387	18,062	0.76	61,034	2.17	6
Werebabu	21,260	11,679	16,460	0.77	61,709	2.67	6
Kalu	39,177	18,589	29,852	0.76	93,192	2.00	7
Dessie Zuria	64,934	39,433	68,688	1.06	403,180	3.30	7
Legambo	35,598	20,307	28,355	0.80	152,774	3.81	5
Sayint	44,853	32,444	59,895	1.34	226,517	2.05	5
Debresina	36,673	21,451	39,198	1.07	140,893	1.94	4
Kelala	29,924	18,096	31,694	1.06	146,997	2.70	4
Jama	25,068	15,026	24,771	0.99	91,882	2.23	4
Were Ilu	29,715	19,189	28,091	0.95	158,672	3.69	5
Wegde	26,779	14,706	26,572	0.99	81,073	1.71	3
North Shewa (Amhara) Zone	338,763	180,446	281,137	0.83	1,351,514	3.07	6
Middana Weremo	16,652	8,348	13,396	0.80	18,508	0.87	3
Merhabete	23,035	5,852	8,614	0.37	12,014	1.00	4
Insarona Wayu	24,523	10,412	14,999	0.61	59,570	2.73	5
Moretna Jiru	17,289	6,410	9,877	0.57	32,350	1.99	4

TABLE 8.15A: - Number of Holders Reporting Hay-Fork (Wood) Owned, Quantity Reported, Replacement Value, and Duration of Service of Hay-Fork,for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	17,304	26,755	0.98	117,248	2.82	7
Geshe	11,701	8,521	14,684	1.25	57,370	2.24	7
Antsokiya Gemza	12,985	6,643	9,159	0.71	23,464	1.81	5
Efratana Gidim	18,721	7,482	10,286	0.55	33,595	2.28	6
Lalo Midir	23,780	16,613	27,704	1.17	118,547	2.59	7
Mojana Wadera	14,989	10,055	16,571	1.11	57,869	2.13	9
Tarma Ber	17,150	5,739	8,670	0.51	31,784	2.43	6
Kewet	20,399	6,384	8,622	0.42	25,323	2.23	6
Asagirt	9,625	6,128	8,416	0.87	51,353	4.40	8
Angolelana Tera	14,930	9,847	13,321	0.89	104,227	5.77	9
Ankober	15,834	8,534	11,912	0.75	69,038	4.13	5
Hagere Mariam	10,654	7,658	13,228	1.24	103,566	4.49	7
Berehet	5,414	4,109	6,839	1.26	41,807	3.84	6
Minjarna Shenkora	22,920	13,044	25,585	1.12	151,969	3.09	4
Basona Werana	30,894	21,364	32,498	1.05	241,911	4.86	8
East Gojam Zone	377,208	236,800	407,120	1.08	1,036,967	1.49	4
Bibugn	20,380	11,270	18,415	0.90	23,363	0.77	3
Hulet Ej Enese	42,922	25,790	42,949	1.00	77,568	1.03	4
Goncha Siso Enese	26,631	15,857	26,470	0.99	95,029	2.07	5
Enbise Sar Midir	26,244	16,779	27,427	1.05	96,355	2.14	4
Enarj Enawga	31,408	18,149	30,035	0.96	124,875	2.43	5
Enemay	26,307	14,723	22,805	0.87	99,585	2.88	5
Debay Telatgen	24,182	15,668	22,287	0.92	73,423	2.32	5
Machakel	38,432	28,895	54,952	1.43	78,790	0.77	3
Guzamn	42,814	32,395	50,108	1.17	94,520	1.20	3
Baso Liben	26,092	15,929	32,200	1.23	64,664	1.00	4
Awabel	32,111	22,172	44,149	1.37	105,956	1.22	4
Dejen	20,267	11,717	23,238	1.15	66,465	1.44	4
Shebel Berenta	19,419	7,457	12,083	0.62	36,374	1.80	3
West Gojam Zone	371,763	241,391	436,666	1.17	910,895	1.14	3
Achefer	47,990	33,246	53,686	1.12	103,238	1.20	3
Bahir Dar Zuria	44,777	27,445	48,863	1.09	124,637	1.42	3
Yilman Densa	53,378	29,589	56,543	1.06	122,932	1.14	4
Merawi	47,811	31,243	50,007	1.05	109,143	1.40	3
Sekela	25,751	18,447	25,802	1.00	41,952	1.17	4
Kuarit	30,012	19,408	32,205	1.07	61,594	1.15	3
Dega Damot	28,781	16,847	25,330	0.88	46,872	1.25	3
Dembecha	21,896	17,146	37,702	1.72	73,790	0.89	3
Jabi Tehnan	35,596	23,199	44,705	1.26	76,089	0.87	3
Bure Wemberma	35,772	24,821	61,822	1.73	150,648	0.97	4
Waghamra Zone	75,654	57,111	109,546	1.45	439,954	2.09	4
Zikuala	13,305	10,097	20,399	1.53	81,388	1.99	3
Sekota	33,740	24,681	45,148	1.34	184,466	2.20	4
Dehana	28,610	22,332	43,998	1.54	174,100	2.01	4
Awi Zone	152,723	101,510	199,967	1.31	329,467	0.83	4
Dangela	33,997	25,145	51,398	1.51	80,909	0.80	2
Banja	25,927	17,762	29,768	1.15	43,908	0.86	5
Ankesha	38,056	21,866	46,323	1.22	94,528	0.91	4
Guangua	31,273	19,966	43,263	1.38	59,587	0.64	3
Faggeta Lekoma	23,471	16,772	29,216	1.24	50,535	0.99	4
Oromia Zone	72,663	26,212	43,630	0.60	115,019	1.64	5
Chefe Golana Dawe Rahimedo	30,075	11,849	22,147	0.74	43,774	1.06	4
Bati	16,309	6,497	9,416	0.58	34,833	2.70	7
Jile Tsumiga	11,838	3,776	5,970	0.50	19,256	1.89	4
Artuma Fursi	14,442	4,091	6,098	0.42	17,156	1.90	6

TABLE 8.16A: Number of Holders Reporting Threshing Stick Owned, Quantity Reported, Replacement Value, and Duration of Service of Threshing Stick, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Threshing Sticks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Threshing Stick (Birr)	Average Duration of Service of Threshing Stick (Years)
Amhara Region	2,989,354	264,831	537,963	0.18	626,661	0.65	2
North Gonder Zone	426,798	25,302	40,167	0.09	72,110	1.12	2
Addi Arkay	23,992	3,394	7,353	0.31	16,655	1.15	2
Beyeda	17,537	775	*	*	*	*	*
Janamora	29,184	*	*	*	1,956	*	*
Debark	21,492	*	875	*	1,281	1.18	*
Dabat	24,578	835	1,325	0.05	1,541	0.73	2
Sanja	24,523	1,372	2,263	0.09	7,379	2.17	2
Lay Armacheho	24,975	1,830	2,889	0.12	4,397	1.00	2
Wegera	37,057	2,451	3,531	0.10	3,300	0.51	2
Gondar Zuria	38,957	745	1,379	0.04	2,390	0.96	*
Dembia	41,272	*	*	*	5,993	*	*
Chilga	32,286	*	*	*	4,050	*	*
Meterna	10,152	*	*	*	*	*	*
Quara	9,401	235	612	0.07	*	0.48	1
Alefa	46,244	*	*	*	4,135	*	*
Belesa	45,148	2,630	3,746	0.08	13,200	2.52	2
South Gonder Zone	374,252	17,635	25,491	0.07	36,877	1.08	2
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	2,727	3,336	0.11	4,458	1.10	2
Fogera	40,393	3,416	4,966	0.12	4,170	0.59	2
Farta	47,634	*	*	*	*	*	*
Lay Gayint	39,303	2,402	4,017	0.10	4,211	*	2
Tach Gayint	20,270	*	*	*	*	*	*
Simada	47,033	*	630	*	*	0.55	*
Estie	63,489	*	1,423	*	*	*	*
Dera	43,376	4,740	6,771	0.16	7,249	0.65	2
North Wollo Zone	307,669	75,244	136,460	0.44	156,198	0.68	2
Bugna	46,716	4,093	6,224	0.13	9,853	1.13	2
Kobo	41,472	9,135	16,561	0.40	18,877	0.65	3
Gidan	34,560	11,871	17,219	0.50	23,785	0.95	2
Meket	48,107	8,694	15,520	0.32	22,305	0.93	2
Wadala	26,661	7,392	10,137	0.38	8,949	0.64	1
Dawutna Delanta	35,910	7,366	9,628	0.27	11,282	0.90	2
Guba Lafto	35,600	14,211	25,878	0.73	29,650	0.64	2
Habru	38,645	12,484	35,293	0.91	31,496	0.34	2
South Wollo Zone	491,860	67,308	148,199	0.30	156,538	0.52	2
Mekdela	30,731	8,468	13,007	0.42	14,157	0.75	1
Tenta	35,460	7,053	15,906	0.45	18,201	0.51	2
Kutaber	21,652	428	1,063	0.05	1,579	0.61	2
Ambasel	26,365	5,911	9,261	0.35	10,913	0.77	2
Tehuledere	23,671	1,725	*	*	4,937	*	2
Werebabu	21,260	7,212	30,831	1.45	27,032	0.23	1
Kalu	39,177	5,930	19,370	0.49	17,967	0.33	2
Dessie Zuria	64,934	10,959	19,744	0.30	33,090	0.96	3
Legambo	35,598	7,925	12,180	0.34	9,301	0.50	1
Sayint	44,853	2,217	3,112	0.07	1,961	0.48	1
Debresina	36,673	3,422	4,713	0.13	4,155	0.59	1
Kelala	29,924	*	7,110	*	*	*	*
Jama	25,068	790	1,127	0.04	1,664	0.95	2
Were Ilu	29,715	1,705	2,804	0.09	3,547	0.79	2
Wegde	26,779	881	1,390	0.05	1,189	0.61	2
North Shewa (Amhara) Zone	338,763	26,582	55,813	0.16	48,876	0.43	2
Middana Weremo	16,652	612	960	0.06	949	0.64	1
Merhabete	23,035	4,211	8,248	0.36	7,689	0.47	2
Insarona Wayu	24,523	2,000	4,920	0.20	6,640	0.59	2
Moretna Jiru	17,289	2,733	5,957	0.34	6,758	0.48	2

TABLE 8.16A: - Number of Holders Reporting Threshing Stick Owned, Quantity Reported, Replacement Value, and Duration of Service of Threshing Stick, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Threshing Sticks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Threshing Stick (Birr)	Average Duration of Service of Threshing Stick (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	4,612	6,915	0.25	5,058	0.52	1
Geshe	11,701	808	1,041	0.09	727	0.56	2
Antsokiya Gemza	12,985	1,480	2,461	0.19	1,698	0.41	2
Efratana Gidim	18,721	1,951	6,743	0.36	4,428	0.21	1
Lalo Midir	23,780	1,944	3,443	0.14	2,764	0.48	2
Mojana Wadera	14,989	903	1,396	0.09	805	0.35	2
Tarma Ber	17,150	*	*	*	*	*	*
Kewet	20,399	1,461	3,708	0.18	3,496	0.37	2
Asagirt	9,625	421	653	0.07	550	0.59	2
Angolelana Tera	14,930	242	375	0.03	1,064	1.61	3
Ankober	15,834	526	1,264	0.08	1,331	0.46	1
Hagere Mariam	10,654	151	366	0.03	286	0.36	2
Berehet	5,414	268	1,020	0.19	1,065	0.30	1
Minjama Shenkora	22,920	*	*	*	*	*	*
Basona Werana	30,894	1,332	2,167	0.07	1,372	0.42	3
East Gojam Zone	377,208	24,819	49,625	0.13	46,026	0.55	3
Bibugn	20,380	407	642	0.03	1,142	0.91	2
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	124	*	*	*	*	*
Enarj Enawga	31,408	749	749	0.02	1,957	2.61	3
Enemay	26,307	*	*	*	*	*	*
Debay Telatgen	24,182	3,489	5,748	0.24	6,665	0.79	2
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	5,611	10,488	0.24	5,019	0.28	1
Baso Liben	26,092	6,216	15,402	0.59	7,943	0.31	5
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	536	*	*	*	*	*
West Gojam Zone	371,763	6,966	11,181	0.03	*	*	*
Achefer	47,990	905	1,502	0.03	2,201	0.85	1
Bahir Dar Zuria	44,777	1,697	2,731	0.06	4,684	1.19	2
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	302	511	0.02	537	0.71	3
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	170	336	0.02	*	*	1
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	7,351	18,052	0.24	24,357	0.63	1
Zikuala	13,305	2,980	7,195	0.54	10,425	0.72	1
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	2,304	3,450	0.02	5,695	1.15	3
Dangela	33,997	461	757	0.02	1,956	1.75	3
Banja	25,927	*	*	*	*	*	*
Ankesha	38,056	*	*	*	*	*	*
Guangua	31,273	*	1,226	*	1,636	1.04	*
Faggeta Lekoma	23,471	*	*	*	*	*	*
Oromia Zone	72,663	11,321	49,524	0.68	38,140	0.18	2
Chefe Golana Dawe Rahimedo	30,075	5,100	18,574	0.62	13,299	0.19	2
Bati	16,309	4,690	25,360	1.55	20,551	0.15	2
Jile Tsumiga	11,838	979	4,092	0.35	2,849	0.23	2
Artuma Fursi	14,442	551	1,499	0.10	1,440	0.52	2

TABLE 8.17A: - Number of Holders Reporting Winnower (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnower, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Winnowers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Winnower (Birr)	Average Duration of Service of Winnower (Years)
Amhara Region	2,989,354	8,363	10,171	0.00	73,906	6.07	9
North Gonder Zone	426,798	1,142	1,267	0.00	8,666	5.68	6
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	-	-	-	-	-	-
Janamora	29,184	*	*	*	*	*	*
Debark	21,492	*	*	*	*	*	*
Dabat	24,578	*	*	*	*	*	*
Sanja	24,523	*	*	*	*	*	*
Lay Armacheho	24,975	*	*	*	*	*	*
Wegera	37,057	-	-	-	-	-	-
Gondar Zuria	38,957	*	*	*	*	*	*
Dembia	41,272	*	*	*	*	*	*
Chilga	32,286	*	*	*	*	*	*
Metema	10,152	-	-	-	-	-	-
Quara	9,401	*	*	*	*	*	*
Alefa	46,244	*	*	*	*	*	*
Belesa	45,148	*	*	*	*	*	*
South Gonder Zone	374,252	989	1,160	0.00	5,232	4.21	10
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	*	*	*	*	*	*
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	-	-	-	-	-	-
Lay Gayint	39,303	*	*	*	*	*	*
Tach Gayint	20,270	*	*	*	*	*	*
Simada	47,033	*	*	*	*	*	*
Estie	63,489	*	*	*	*	*	*
Dera	43,376	*	*	*	*	*	*
North Wollo Zone	307,669	898	1,443	2	11,372	5.33	10
Bugna	46,716	-	-	-	-	-	-
Kobo	41,472	*	*	*	*	*	*
Gidan	34,560	*	*	*	*	*	*
Meket	48,107	*	*	*	*	*	*
Wadala	26,661	*	*	*	*	*	*
Dawutna Delanta	35,910	*	*	*	*	*	*
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	967	1,138	0.00	13,046	9.68	8
Mekdela	30,731	-	-	-	-	-	-
Tenta	35,460	*	*	*	*	*	*
Kutaber	21,652	*	*	*	*	*	*
Ambasel	26,365	*	*	*	*	*	*
Tehuledere	23,671	-	-	-	-	-	-
Werebabu	21,260	106	106	0.00	1,126	10.62	*
Kalu	39,177	*	*	*	*	*	*
Dessie Zuria	64,934	-	-	-	-	-	-
Legambo	35,598	-	-	-	-	-	-
Sayint	44,853	*	*	*	*	*	*
Debresina	36,673	200	*	*	*	*	*
Kelala	29,924	210	210	0.01	*	*	*
Jama	25,068	*	*	*	*	*	*
Were Ilu	29,715	-	-	-	-	-	-
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	1,311	1,526	0.00	13,881	8.05	14
Middana Weremo	16,652	*	*	*	*	*	*
Merhabete	23,035	197	197	0.01	1,151	5.84	*
Insarona Wayu	24,523	*	*	*	*	*	*
Moretna Jiru	17,289	127	148	0.01	*	*	12

TABLE 8.17A: - Number of Holders Reporting Winnower (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnower, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Winnowers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Winnower (Birr)	Average Duration of Service of Winnower (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	*	*	*	*	*	*
Geshe	11,701	*	*	*	*	*	*
Antsokiya Gemza	12,985	*	*	*	*	*	*
Efratana Gidim	18,721	*	*	*	-	-	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	95	95	0.01	564	5.94	12
Tarma Ber	17,150	*	*	*	*	*	*
Kewet	20,399	*	*	*	*	*	*
Asagirt	9,625	*	*	*	*	*	*
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	*	*	*	*	*	*
Berehet	5,414	*	*	*	*	*	*
Minjarna Shenkora	22,920	*	*	*	*	*	*
Basona Werana	30,894	*	*	*	*	*	*
East Gojam Zone	377,208	881	881	0.00	6,250	7.09	8
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	155	155	0.01	*	*	*
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	-	-	-	-	-	-
Debay Telatgen	24,182	*	*	*	*	*	*
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	*	*	*	*	*	*
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	1,622	2,093	0.01	11,845	4.50	6
Achefer	47,990	*	*	*	1,465	*	*
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	304	365	0.01	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	-	-	-	-	-	-
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	*	*	*	*	*	*
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	232	*	*	3,853	*	*
Waghamra Zone	75,654	242	242	0.00	1,082	4.47	12
Zikuala	13,305	*	*	*	*	*	*
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	140	140	0.00	*	*	*
Dangela	33,997	*	*	*	*	*	*
Banja	25,927	-	-	-	-	-	-
Ankesha	38,056	-	-	-	-	-	-
Guangua	31,273	*	*	*	*	*	*
Faggeta Lekoma	23,471	-	-	-	-	-	-
Oromia Zone	72,663	172	283	0.00	2,128	5.38	9
Chefe Golana Dawe Rahimedo	30,075	*	*	*	*	*	*
Bati	16,309	*	*	*	*	*	*
Jile Tsumiga	11,838	*	59	*	*	*	*
Artuma Fursi	14,442	*	*	*	*	*	*

TABLE 8.18A:- Number of Holders Reporting Winnower(Wood) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnower, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Winnowers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Winnower (Birr)	Average Duration of Service of Winnower (Years)
Amhara Region	2,989,354	1,014,103	1,163,325	0.39	8,335,239	6.31	9
North Gonder Zone	426,798	115,633	135,262	0.32	840,608	5.33	7
Addi Arkay	23,992	6,646	7,036	0.29	71,956	9.56	8
Beyeda	17,537	6,863	7,520	0.43	44,717	5.39	7
Janamora	29,184	7,796	8,357	0.29	44,986	5.01	7
Debark	21,492	6,101	6,522	0.30	39,731	5.65	5
Dabat	24,578	5,274	5,497	0.22	31,303	5.48	7
Sanja	24,523	7,525	8,312	0.34	62,767	6.51	4
Lay Armacheho	24,975	2,915	2,949	0.12	18,560	6.20	7
Wegera	37,057	7,330	7,823	0.21	51,407	6.12	12
Gondar Zuria	38,957	13,879	17,151	0.44	136,346	6.46	8
Dembia	41,272	10,770	13,568	0.33	86,652	5.04	8
Chilga	32,286	5,423	6,713	0.21	29,655	3.58	7
Metema	10,152	3,069	3,510	0.35	23,948	5.87	5
Quara	9,401	3,524	4,341	0.46	15,754	2.93	3
Alefa	46,244	12,404	16,465	0.36	66,557	2.99	6
Belesa	45,148	16,115	19,499	0.43	116,269	5.05	5
South Gonder Zone	374,252	120,031	137,651	0.37	770,782	4.93	10
Ebenat	41,969	13,146	14,137	0.34	61,822	4.08	8
Kemekem	30,786	8,060	9,949	0.32	64,221	5.38	9
Fogera	40,393	9,296	13,495	0.33	71,192	3.63	9
Farta	47,634	18,582	20,954	0.44	115,086	4.80	9
Lay Gayint	39,303	16,808	17,744	0.45	127,448	6.74	10
Tach Gayint	20,270	8,498	8,956	0.44	56,294	5.97	15
Simada	47,033	14,284	14,840	0.32	93,181	6.03	12
Estie	63,489	23,234	25,858	0.41	132,093	4.68	8
Dera	43,376	8,123	11,718	0.27	49,444	2.88	8
North Wollo Zone	307,669	144,424	163,983	0.53	1,379,195	7.48	9
Bugna	46,716	23,386	27,473	0.59	213,214	6.73	8
Kobo	41,472	16,690	19,340	0.47	185,349	8.37	9
Gidan	34,560	17,416	18,632	0.54	151,645	7.65	7
Meket	48,107	27,549	30,454	0.63	237,782	7.10	7
Wadala	26,661	14,480	15,686	0.59	119,530	7.05	10
Dawutna Delanta	35,910	15,335	16,612	0.46	152,252	8.49	9
Guba Lafto	35,600	16,583	18,295	0.51	165,006	8.11	11
Habru	38,645	12,984	17,492	0.45	154,415	6.88	9
South Wollo Zone	491,860	191,923	215,105	0.44	2,084,430	8.63	10
Mekdela	30,731	12,991	13,602	0.44	132,492	9.30	10
Tenta	35,460	12,740	13,537	0.38	126,533	8.84	10
Kutaber	21,652	9,955	11,343	0.52	153,391	11.90	14
Ambasel	26,365	13,510	16,309	0.62	166,849	8.64	16
Tehuledere	23,671	7,664	10,372	0.44	84,045	5.61	10
Werebabu	21,260	8,797	11,244	0.53	103,389	7.37	12
Kalu	39,177	13,273	16,261	0.42	154,649	7.83	12
Dessie Zuria	64,934	24,579	26,762	0.41	307,625	10.32	11
Legambo	35,598	11,158	11,526	0.32	97,048	8.21	9
Sayint	44,853	26,161	27,768	0.62	218,661	7.45	9
Debresina	36,673	12,573	13,930	0.38	118,837	7.70	8
Kelala	29,924	12,448	14,319	0.48	167,929	10.14	8
Jama	25,068	8,804	9,111	0.36	81,695	8.75	7
Were Ilu	29,715	8,970	9,230	0.31	94,298	9.94	8
Wegde	26,779	8,301	9,791	0.37	76,989	6.68	7
North Shewa (Amhara) Zone	338,763	138,255	148,124	0.44	1,363,298	8.53	12
Middana Weremo	16,652	4,700	5,186	0.31	31,230	5.37	9
Merhabete	23,035	9,480	10,483	0.46	79,648	6.74	11
Insarona Wayu	24,523	9,050	10,296	0.42	104,036	8.75	10
Moretna Jiru	17,289	7,864	8,612	0.50	79,418	8.21	8

TABLE 8.18A:- Number of Holders Reporting Winnower(Wood) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnower, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Winnowers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Winnower (Birr)	Average Duration of Service of Winnower (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	11,548	12,030	0.44	99,213	7.91	14
Geshe	11,701	4,870	5,052	0.43	38,164	7.27	13
Antsokiya Gemza	12,985	4,170	4,451	0.34	33,492	7.17	10
Efratana Gidim	18,721	7,205	8,083	0.43	75,026	8.34	11
Lalo Midir	23,780	9,840	10,260	0.43	88,287	8.34	12
Mojana Wadera	14,989	5,402	5,535	0.37	38,384	6.80	14
Tarma Ber	17,150	6,226	6,760	0.39	46,164	6.29	12
Kewet	20,399	6,526	6,832	0.33	60,212	8.39	12
Asagirt	9,625	4,694	4,874	0.51	40,807	8.04	12
Angolelana Tera	14,930	6,209	6,527	0.44	59,527	8.65	14
Ankober	15,834	6,716	7,147	0.45	66,436	8.63	10
Hagere Mariam	10,654	4,944	5,145	0.48	65,461	12.22	14
Berehet	5,414	3,047	3,332	0.62	39,923	10.90	9
Minjarna Shenkora	22,920	9,807	11,144	0.49	159,172	12.56	10
Basona Werana	30,894	15,957	16,375	0.53	158,698	9.41	13
East Gojam Zone	377,208	118,294	129,312	0.34	673,401	4.74	8
Bibugn	20,380	7,070	7,648	0.38	29,302	3.51	8
Hulet Ej Enese	42,922	15,215	16,084	0.37	71,013	4.17	7
Goncha Siso Enese	26,631	9,577	10,022	0.38	55,967	5.41	8
Enbise Sar Midir	26,244	11,331	12,381	0.47	74,177	5.42	8
Enarj Enawga	31,408	11,948	13,513	0.43	92,148	6.03	9
Enemay	26,307	9,086	10,455	0.40	74,954	6.29	7
Debay Telatgen	24,182	11,375	11,996	0.50	67,261	5.33	8
Machakel	38,432	6,901	7,018	0.18	30,982	4.35	9
Guzamn	42,814	14,747	15,153	0.35	56,406	3.62	8
Baso Liben	26,092	1,860	2,336	0.09	8,984	3.05	7
Awabel	32,111	8,178	8,900	0.28	38,979	3.97	7
Dejen	20,267	5,396	6,362	0.31	35,744	4.76	9
Shebel Berenta	19,419	5,610	7,443	0.38	37,482	3.72	6
West Gojam Zone	371,763	115,360	142,888	0.38	613,789	3.48	8
Achefer	47,990	10,304	12,202	0.25	41,387	2.85	7
Bahir Dar Zuria	44,777	14,278	20,096	0.45	100,184	3.52	8
Yilman Densa	53,378	19,944	24,850	0.47	104,293	3.38	8
Merawi	47,811	16,487	19,460	0.41	76,613	3.37	7
Sekela	25,751	4,396	4,728	0.18	13,660	2.64	8
Kuarit	30,012	14,235	15,280	0.51	66,867	4.09	9
Dega Damot	28,781	12,913	13,504	0.47	73,424	5.29	8
Dembecha	21,896	7,665	10,151	0.46	48,693	3.61	7
Jabi Tehnan	35,596	9,921	14,836	0.42	52,877	2.34	6
Bure Wemberma	35,772	5,217	7,782	0.22	35,791	3.05	7
Waghamra Zone	75,654	37,080	45,186	0.60	314,793	5.86	6
Zikuala	13,305	7,021	10,059	0.76	64,611	4.63	5
Sekota	33,740	15,592	17,829	0.53	140,085	6.78	6
Dehana	28,610	14,467	17,297	0.60	110,097	5.62	6
Awi Zone	152,723	10,643	14,952	0.10	48,754	2.25	6
Dangela	33,997	1,966	3,106	0.09	*	3.03	6
Banja	25,927	-	-	-	-	-	-
Ankesha	38,056	2,402	3,219	0.08	*	2.79	8
Guangua	31,273	5,475	7,404	0.24	17,597	1.79	5
Faggeta Lekoma	23,471	800	1,223	0.05	2,240	1.62	7
Oromia Zone	72,663	22,461	30,861	0.42	246,189	5.99	10
Chefe Golana Dawe Rahimedo	30,075	10,582	14,753	0.49	92,000	4.74	8
Bati	16,309	5,508	7,884	0.48	73,484	6.71	12
Jile Tsumiga	11,838	3,035	3,710	0.31	34,648	7.59	9
Artuma Fursi	14,442	3,336	4,514	0.31	46,057	7.52	14

TABLE 8. 19A: - Number of Holders Reporting Cart Owned, Quantity Reported, Replacement Value, Duration of Service of Cart, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Carts Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cart (Birr)	Average Duration of Service of Cart (Years)
Amhara Region	2,989,354	2,145	2,815	0.00	354,538	125.16	5
North Gonder Zone	426,798	*	*	*	*	*	*
Addi Arkay	23,992	-	-	-	-	-	-
Beyeda	17,537	*	*	*	*	*	*
Janamora	29,184	-	-	-	-	-	-
Debark	21,492	-	-	-	-	-	-
Dabat	24,578	-	-	-	-	-	-
Sanja	24,523	-	-	-	-	-	-
Lay Armacheho	24,975	-	-	-	-	-	-
Wegera	37,057	*	*	*	*	*	*
Gondar Zuria	38,957	*	*	*	*	*	*
Dembia	41,272	-	-	-	-	-	-
Chilga	32,286	*	*	*	*	*	*
Metema	10,152	*	*	*	*	*	*
Quara	9,401	-	-	-	-	-	-
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	-	-	-	-	-	-
South Gonder Zone	174,252	*	*	*	*	*	*
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	-	-	-	*	-	-
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	-	-	-	-	-	-
Lay Gayint	39,303	*	*	*	*	*	*
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	-	-	-	-	-	-
Estie	63,489	-	-	-	-	-	-
Dera	43,376	-	-	-	-	-	-
North Wollo Zone	307,669	*	*	*	*	*	*
Bugna	46,716	-	-	-	-	-	-
Kobo	41,472	-	-	-	-	-	-
Gidan	34,560	-	-	-	-	-	-
Meket	48,107	*	*	*	*	*	*
Wadala	26,661	-	-	-	-	-	-
Dawutna Delanta	35,910	*	*	*	*	*	*
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	295	*	*	*	*	*
Mekdela	30,731	-	-	-	-	-	-
Tenta	35,460	*	*	*	*	*	*
Kutaber	21,652	*	*	*	*	*	*
Ambasel	26,365	-	-	-	-	-	-
Tehuledere	23,671	-	-	-	-	-	-
Werebabu	21,260	*	*	*	*	*	*
Kalu	39,177	-	-	-	-	-	-
Dessie Zuria	64,934	*	*	*	*	*	*
Legambo	35,598	-	-	-	-	-	-
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	-	-	-	-	-	-
Kelala	29,924	-	-	-	-	-	-
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	*	*	*	*	*	*
Wegde	26,779	*	*	*	*	*	*
North Shewa(Amhara) Zone	338,763	199	241	0.00	*	3.84	5
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	-	-	-	-	-	-
Insarona Wayu	24,523	-	-	-	-	-	-
Moretna Jiru	17,289	-	-	-	-	-	-

TABLE 8. 19A: - Number of Holders Reporting Cart Owned, Quantity Reported, Replacement Value, Duration of Service of Cart, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Carts Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cart (Birr)	Average Duration of Service of Cart (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	-	-	-	-	-	-
Geshe	11,701	-	-	-	-	-	-
Antsokiya Gemza	12,985	-	-	-	-	-	-
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	-	-	-	-	-	-
Tarma Ber	17,150	-	-	-	-	-	-
Kewet	20,399	*	*	*	*	*	*
Asagirt	9,625	*	*	*	*	*	*
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	-	-	-	-	-	-
Berehet	5,414	-	-	-	-	-	-
Minjama Shenkora	22,920	*	*	*	*	*	*
Basona Werana	30,894	*	*	*	*	*	*
East Gojam Zone	377,208	212	212	0.00	*	*	*
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	-	-	-	-	-	-
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	*	*	*	*	*	*
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	-	-	-	-	-	-
Debay Telatgen	24,182	-	-	-	-	-	-
Machakel	38,432	-	-	-	-	-	-
Guzamn	42,814	-	-	-	-	-	-
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	-	-	-	-	-	-
Dejen	20,267	-	-	-	-	-	-
Shebel Berenta	19,419	*	*	*	*	*	*
West Gojam Zone	371,763	517	630	0.00	*	*	6
Achefer	47,990	*	*	*	*	*	*
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	-	-	-	-	-	-
Kuarit	30,012	-	-	-	-	-	-
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	-	-	-	-	-	-
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	*	*	*	*	*	*
Zikuala	13,305	*	*	*	*	*	*
Sekota	33,740	*	*	*	*	*	-
Dehana	28,610	-	-	-	-	-	*
Awi Zone	152,723	*	*	*	*	*	-
Dangela	33,997	*	*	*	*	*	*
Banja	25,927	-	-	-	-	-	*
Ankesha	38,056	-	-	-	-	-	-
Guangua	31,273	-	-	-	-	-	-
Faggeta Lekoma	23,471	-	-	-	-	-	-
Oromia Zone	72,663	*	*	*	*	*	-
Chefe Golana Dawe Rahimedo	30,075	*	*	*	*	*	*
Bati	16,309	-	-	-	-	-	*
Jile Tsumiga	11,838	-	-	-	-	-	-
Artuma Fursi	14,442	-	-	-	-	-	-

TABLE 8. 20A: - Number of Holders Reporting Sprayer (Hand operated) Owned, Quantity Reported, Replacement Value, Duration of Service of Sprayer, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Sprayers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Sprayer (Birr)	Average Duration of Service of Sprayer (Years)
Amhara Region	2,989,354	10,711	14,981	0.01	1,311,584	84.39	6
North Gonder Zone	426,798	1,410	1,826	0.00	•	•	4
Addi Arkay	23,992	•	•	•	•	•	•
Beyeda	17,537	-	-	-	-	-	-
Janamora	29,184	•	•	•	•	•	•
Debark	21,492	-	-	-	-	-	-
Dabat	24,578	•	•	•	•	•	•
Sanja	24,523	-	-	-	-	-	-
Lay Armacheho	24,975	-	-	-	-	-	-
Wegera	37,057	•	•	•	•	•	•
Gondar Zuria	38,957	•	•	•	•	•	•
Dembia	41,272	•	•	•	•	•	•
Chilga	32,286	210	210	0.01	1,694	8.06	4
Metema	10,152	•	•	•	•	•	•
Quara	9,401	48	•	•	•	•	•
Alefa	46,244	•	•	•	•	•	•
Belesa	45,148	•	•	•	•	•	•
South Gonder Zone	374,252	1,068	1,587	0.00	•	•	5
Ebenat	41,969	•	•	•	•	•	•
Kemekem	30,786	•	•	•	•	•	•
Fogera	40,393	•	•	•	•	•	•
Farta	47,634	•	•	•	•	•	•
Lay Gayint	39,303	•	•	•	•	•	•
Tach Gayint	20,270	•	•	•	•	•	•
Simada	47,033	•	•	•	•	•	•
Estie	63,489	•	•	•	•	•	•
Dera	43,376	•	•	•	•	•	•
North Wollo Zone	307,669	552	911	0.00	2,584	1.74	4
Bugna	46,716	•	•	•	•	•	•
Kobo	41,472	•	•	•	•	•	•
Gidan	34,560	-	-	-	-	-	-
Meket	48,107	•	•	•	•	•	•
Wadala	26,661	•	•	•	•	•	•
Dawutna Delanta	35,910	•	•	•	•	•	•
Guba Lafto	35,600	•	•	•	•	•	•
Habru	38,645	•	•	•	•	•	•
South Wollo Zone	491,860	1,042	1,881	0.00	10,654	3.35	6
Mekdela	30,731	•	•	•	•	•	•
Tenta	35,460	•	•	•	•	•	•
Kutaber	21,652	•	•	•	•	•	•
Ambasel	26,365	•	•	•	•	•	•
Tehuledere	23,671	•	•	•	•	•	•
Werebabu	21,260	•	•	•	•	•	•
Kalu	39,177	233	•	•	•	•	4
Dessie Zuria	64,934	-	-	-	-	-	-
Legambo	35,598	•	•	•	•	•	•
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	•	•	•	•	•	•
Kelala	29,924	•	•	•	•	•	•
Jama	25,068	•	•	•	•	•	•
Were Ilu	29,715	•	•	•	•	•	•
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	3,130	3,925	0.01	773,091	196.45	8
Middana Weremo	16,652	•	•	•	•	•	•
Merhabete	23,035	•	•	•	•	•	•
Insarona Wayu	24,523	•	•	•	•	•	•
Moretna Jiru	17,289	•	•	•	•	•	•

TABLE 8. 20A: - Number of Holders Reporting Sprayer (Hand operated) Owned, Quantity Reported, Replacement Value, Duration of Service of Sprayer, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Sprayers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Sprayer (Birr)	Average Duration of Service of Sprayer (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	*	*	*	*	*	*
Geshe	11,701	*	*	*	*	*	*
Antsokiya Gemza	12,985	*	*	*	*	*	*
Efratana Gidim	18,721	140	140	0.01	*	*	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	-	-	-	-	-	-
Tarma Ber	17,150	171	171	0.01	55,135	322.43	13
Kewet	20,399	248	335	0.02	71,244	212.14	8
Asagirt	9,625	76	76	0.01	28,685	377.43	12
Angolelana Tera	14,930	*	*	*	*	*	*
Ankober	15,834	491	518	0.03	*	*	8
Hagere Mariam	10,654	639	972	0.09	88,226	89.98	5
Berehet	5,414	105	105	0.02	51,112	486.78	15
Minjarna Shenkora	22,920	475	475	0.02	153,860	324.79	9
Basona Werana	30,894	140	140	0.00	*	*	*
East Gojam Zone	377,208	1,074	1,319	0.00	153,438	115.48	7
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	274	340	0.01	*	*	7
Goncha Siso Enese	26,631	181	181	0.01	*	*	6
Enbise Sar Midir	26,244	174	174	0.01	*	*	4
Enarj Enawga	31,408	168	*	*	*	*	*
Enemay	26,307	*	*	*	*	*	*
Debay Telatgen	24,182	*	*	*	*	*	*
Machakel	38,432	-	-	-	-	-	-
Guzamn	42,814	*	*	*	*	*	*
Baso Liben	26,092	*	*	*	*	*	*
Awabel	32,111	-	-	-	-	-	-
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	*	*	*	*	*	*
West Gojam Zone	371,763	1,936	2,856	0.01	242,388	74.11	5
Achefer	47,990	350	350	0.01	*	*	4
Bahir Dar Zuria	44,777	394	663	0.01	*	*	*
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	*	*	*	*	*	*
Kuarit	30,012	-	-	-	-	-	-
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	*	*	*	*	*	*
Jabi Tehnan	35,596	-	-	-	-	-	-
Bure Wemberma	35,772	415	*	*	*	*	6
Waghamra Zone	75,654	*	152	*	*	*	*
Zikuala	13,305	*	*	*	*	*	*
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	214	319	0.00	*	*	5
Dangela	33,997	*	*	*	*	*	*
Banja	25,927	*	*	*	*	*	*
Ankesha	38,056	-	-	-	-	-	-
Guangua	31,273	*	*	*	*	*	*
Faggeta Lekoma	23,471	*	*	*	*	*	*
Oromia Zone	72,663	168	205	0.00	*	*	*
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	*	*	*	*	*	*
Jile Tsumiga	11,838	59	59	0.00	*	*	*
Artuma Fursi	14,442	*	*	*	*	*	*

TABLE 8.21A: - Number of Holders Reporting Wheelbarrow Owned, Quantity Reported, Replacement Value and Duration of Service of Wheelbarrow, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Wheelbarrows Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Wheelbarrow (Birr)	Average Duration of Service of Wheelbarrow (Years)
Amhara Region	2,989,354	946	946	0.00	69,408	73.37	16
North Gonder Zone	426,798	•	•	•	•	•	•
Addi Arkay	23,992	-	-	-	-	-	-
Beyeda	17,537	-	-	-	-	-	-
Janamora	29,184	-	-	-	-	-	-
Debark	21,492	-	-	-	-	-	-
Dabat	24,578	-	-	-	-	-	-
Sanja	24,523	-	-	-	-	-	-
Lay Armacheho	24,975	•	•	•	•	•	•
Wegera	37,057	-	-	-	-	-	-
Gondar Zuria	38,957	-	-	-	-	-	-
Dembia	41,272	-	-	-	-	-	-
Chilga	32,286	-	-	-	-	-	-
Metema	10,152	-	-	-	-	-	-
Quara	9,401	•	•	•	•	•	•
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	-	-	-	-	-	-
South Gonder Zone	374,252	•	•	•	•	•	•
Ebenat	41,969	-	-	-	-	-	-
Kemekem	30,786	-	-	-	-	-	-
Fogera	40,393	-	-	-	-	-	-
Farta	47,634	•	•	•	•	•	•
Lay Gayint	39,303	-	-	-	-	-	-
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	-	-	-	-	-	-
Estie	63,489	-	-	-	-	-	-
Dera	43,376	•	•	•	•	•	•
North Wollo Zone	307,669	-	-	-	-	-	-
Bugna	46,716	-	-	-	-	-	-
Kobo	41,472	-	-	-	-	-	-
Gidan	34,560	-	-	-	-	-	-
Meket	48,107	-	-	-	-	-	-
Wadala	26,661	-	-	-	-	-	-
Dawutna Delanta	35,910	-	-	-	-	-	-
Guba Lafto	35,600	-	-	-	-	-	-
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	324	324	0.00	•	•	•
Mekdela	30,731	-	-	-	-	-	-
Tenta	35,460	-	-	-	-	-	-
Kutaber	21,652	•	•	•	•	•	•
Ambasel	26,365	•	•	•	•	•	•
Tehuledere	23,671	•	•	•	•	•	•
Werebabu	21,260	-	-	-	-	-	-
Kalu	39,177	-	-	-	-	-	-
Dessie Zuria	64,934	•	•	•	•	•	•
Legambo	35,598	-	-	-	-	-	-
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	-	-	-	-	-	-
Kelala	29,924	•	•	•	•	•	•
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	-	-	-	-	-	-
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	142	142	0.00	•	•	15
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	-	-	-	-	-	-
Insarona Wayu	24,523	•	•	•	•	•	•
Moretna Jiru	17,289	-	-	-	-	-	-

TABLE 8.21A: - Number of Holders Reporting Wheelbarrow Owned, Quantity Reported, Replacement Value and Duration of Service of Wheelbarrow, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Wheelbarrows Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Wheelbarrow (Birr)	Average Duration of Service of Wheelbarrow (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	-	-	-	-	-	-
Geshe	11,701	-	-	-	-	-	-
Antsokiya Gemza	12,985	-	-	-	-	-	-
Efratana Gidim	18,721	-	-	-	-	-	-
Lalo Midir	23,780	-	-	-	-	-	-
Mojana Wadera	14,989	*	*	*	*	*	*
Tarma Ber	17,150	-	-	-	-	-	-
Kewet	20,399	-	-	-	-	-	-
Asagirt	9,625	-	-	-	-	-	-
Angolelana Tera	14,930	*	*	*	*	*	*
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	*	*	*	*	*	*
Berehet	5,414	-	-	-	-	-	-
Minjarna Shenkora	22,920	-	-	-	-	-	-
Basona Werana	30,894	*	*	*	*	*	*
East Gojam Zone	377,208	*	*	*	*	*	*
Bibugn	20,380	-	-	-	-	-	-
Hulet Ej Enese	42,922	-	-	-	-	-	-
Goncha Siso Enese	26,631	-	-	-	-	-	-
Enbise Sar Midir	26,244	-	-	-	-	-	-
Enarj Enawga	31,408	-	-	-	-	-	-
Enemay	26,307	*	*	*	*	*	*
Debay Telatgen	24,182	-	-	-	-	-	-
Machakel	38,432	-	-	-	-	-	-
Guzamn	42,814	-	-	-	-	-	-
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	-	-	-	-	-	-
Dejen	20,267	-	-	-	-	-	-
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	*	*	*	*	*	*
Achefer	47,990	-	-	-	-	-	-
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	-	-	-	-	-	-
Sekela	25,751	-	-	-	-	-	-
Kuarit	30,012	-	-	-	-	-	-
Dega Damot	28,781	-	-	-	-	-	-
Dembecha	21,896	-	-	-	-	-	-
Jabi Tehnan	35,596	-	-	-	-	-	-
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	-	-	-	-	-	-
Zikuala	13,305	-	-	-	-	-	-
Sekota	33,740	-	-	-	-	-	-
Dehana	28,610	-	-	-	-	-	-
Awi Zone	152,723	-	-	-	-	-	-
Dangela	33,997	-	-	-	-	-	-
Banja	25,927	-	-	-	-	-	-
Ankesha	38,056	-	-	-	-	-	-
Guangua	31,273	-	-	-	-	-	-
Faggeta Lekoma	23,471	-	-	-	-	-	-
Oromia Zone	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	*	*	*	*	*	*
Jile Tsumiga	11,838	-	-	-	-	-	-
Artuma Fursi	14,442	*	*	*	*	*	*

TABLE 8.22A: - Number of Holders Reporting Ass (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Asses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ass (Birr)	Average Age of Ass (Years)
Amhara Region	2,989,354	20,736	26,095	0.01	10,085,830	301.51	8
North Gonder Zone	426,798	2,790	3,625	0.01	1,756,182	337.46	9
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	*	*	*	*	*	*
Janamora	29,184	542	595	0.02	232,866	346.97	*
Debark	21,492	*	*	*	*	*	*
Dabat	24,578	163	163	0.01	*	*	*
Sanja	24,523	*	*	*	*	*	*
Lay Armacheho	24,975	-	-	-	-	-	-
Wegera	37,057	623	796	0.02	338,847	307.86	9
Gondar Zuria	38,957	-	-	-	-	-	-
Dembia	41,272	-	-	-	-	-	-
Chilga	32,286	*	*	*	*	*	*
Metema	10,152	-	-	-	-	-	-
Quara	9,401	*	*	*	*	*	*
Alefa	46,244	*	*	*	*	*	*
Belesa	45,148	*	*	*	*	*	*
South Gonder Zone	374,252	2,634	2,990	0.01	1,174,213	340.49	8
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	-	-	-	-	-	-
Fogera	40,393	-	-	-	-	-	-
Farta	47,634	*	*	*	*	*	*
Lay Gayint	39,303	1,419	1,644	0.04	566,360	284.48	8
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	*	*	*	*	*	*
Estie	63,489	*	*	*	*	*	*
Dera	43,376	-	-	-	-	-	-
North Wollo Zone	307,669	2,968	3,483	0.01	1,743,829	430.47	6
Bugna	46,716	*	*	*	*	*	*
Kobo	41,472	*	*	*	*	*	*
Gidan	34,560	*	*	*	*	*	*
Meket	48,107	-	-	-	-	-	-
Wadala	26,661	*	*	*	*	*	*
Dawutna Delanta	35,910	1,466	1,523	0.04	*	*	8
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	2,701	3,144	0.01	1,049,941	280.73	8
Mekdela	30,731	*	*	*	*	*	*
Tenta	35,460	*	*	*	*	*	*
Kutaber	21,652	-	-	-	-	-	-
Ambasel	26,365	-	-	-	-	-	-
Tehuledere	23,671	*	*	*	*	*	*
Werebabu	21,260	-	-	-	-	-	-
Kalu	39,177	*	*	*	*	*	*
Dessie Zuria	64,934	*	*	*	*	*	*
Legambo	35,598	2,148	2,435	0.07	682,647	246.97	7
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	-	-	-	-	-	-
Kelala	29,924	-	-	-	-	-	-
Jama	25,068	*	*	*	*	*	*
Were Ilu	29,715	-	-	-	-	-	-
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	857	878	0.00	268,860	296.80	8
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	-	-	-	-	-	-
Insarona Wayu	24,523	*	*	*	*	*	*
Moretna Jiru	17,289	*	*	*	*	*	*

TABLE 8.22A: - Number of Holders Reporting Ass (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Asses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ass (Birr)	Average Age of Ass (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	217	217	0.01	*	*	*
Geshe	11,701	-	-	-	-	-	-
Antsokiya Gemza	12,985	-	-	-	-	-	-
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	-	-	-	-	-	-
Tarma Ber	17,150	-	-	-	-	-	-
Kewet	20,399	*	*	*	*	*	*
Asagirt	9,625	*	*	*	*	*	*
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	-	-	-	-	-	-
Berehet	5,414	-	-	-	-	-	-
Minjarna Shenkora	22,920	*	*	*	*	*	*
Basona Werana	30,894	-	-	-	-	-	-
East Gojam Zone	377,208	1,364	1,901	0.01	648,360	244.94	8
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	-	-	-	-	-	-
Enbise Sar Midir	26,244	*	*	*	*	*	*
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	-	-	-	-	-	-
Debay Telatgen	24,182	*	*	*	*	*	*
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	*	*	*	*	*	*
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	835	1,116	0.00	457,749	291.06	8
Achefer	47,990	*	*	*	*	*	*
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	-	-	-	-	-	-
Sekela	25,751	305	305	0.01	89,072	292.04	8
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	*	*	*	*	*	*
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	-	-	-	-	-	-
Waghamra Zone	75,654	392	487	0.01	139,105	*	4
Zikuala	13,305	*	*	*	*	*	*
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	6,152	8,408	0.06	2,794,959	242.35	8
Dangela	33,997	-	-	-	-	-	-
Banja	25,927	-	-	-	-	-	-
Ankesha	38,056	5,382	7,282	0.19	2,448,491	248.29	8
Guangua	31,273	*	*	*	*	*	*
Faggeta Lekoma	23,471	*	*	*	*	*	*
Oromia Zone	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	*	*	*	*	*	*
Jile Tsumiga	11,838	*	*	*	*	*	*
Artuma Fursi	14,442	-	-	-	-	-	-

TABLE 8.23A: - Number of Holders Reporting Horse (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Horses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Horse (Birr)	Average Age of Horse (Years)
Amhara Region	2,989,354	59,714	85,860	0.03	30,118,066	244.95	8
North Gonder Zone	426,798	7,504	10,548	0.02	4,388,205	289.89	8
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	*	*	*	*	*	*
Janamora	29,184	*	*	*	*	*	*
Debark	21,492	4,898	7,411	0.34	3,194,171	276.06	8
Dabat	24,578	637	806	0.03	351,636	353.17	9
Sanja	24,523	-	-	-	-	-	-
Lay Armachieho	24,975	-	-	-	-	-	-
Wegera	37,057	1,515	1,833	0.05	591,645	274.26	7
Gondar Zuria	38,957	-	-	-	-	-	-
Dembia	41,272	-	-	-	-	-	-
Chilga	32,286	-	-	-	-	-	-
Metema	10,152	-	-	-	-	-	-
Quara	9,401	-	-	-	-	-	-
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	-	-	-	-	-	-
South Gonder Zone	374,252	*	*	*	*	*	*
Ebenat	41,969	-	-	-	-	-	-
Kemekem	30,786	-	-	-	-	-	-
Fogera	40,393	-	-	-	-	-	-
Farta	47,634	*	*	*	*	*	*
Lay Gayint	39,303	-	-	-	-	-	-
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	-	-	-	-	-	-
Estie	63,489	*	*	*	*	*	*
Dera	43,376	-	-	-	-	-	-
North Wollo Zone	307,669	9,992	12,369	0.04	4,978,896	323.26	6
Bugna	46,716	-	-	-	-	-	-
Kobo	41,472	-	-	-	-	-	-
Gidan	34,560	*	*	*	*	*	*
Meket	48,107	*	*	*	*	*	*
Wadala	26,661	4,889	5,891	0.22	2,398,185	342.57	6
Dawutna Delanta	35,910	*	*	*	*	*	*
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	4,411	4,989	0.01	1,477,051	265.83	8
Mekdela	30,731	-	-	-	-	-	-
Tenta	35,460	2,210	2,550	0.07	774,376	267.78	7
Kutaber	21,652	-	-	-	-	-	-
Ambasel	26,365	-	-	-	-	-	-
Tehuledere	23,671	-	-	-	-	-	-
Werebabu	21,260	-	-	-	-	-	-
Kalu	39,177	-	-	-	-	-	-
Dessie Zuria	64,934	*	*	*	*	*	*
Legambo	35,598	1,537	1,707	0.05	463,773	245.93	7
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	-	-	-	-	-	-
Kelala	29,924	*	*	*	*	*	-
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	-	-	-	-	-	-
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	2,404	2,502	0.01	766,642	290.63	7
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	*	*	*	*	*	*
Insarona Wayu	24,523	*	*	*	*	*	*
Moretna Jiru	17,289	1,166	1,191	0.07	424,059	346.91	6

TABLE 8.23A: - Number of Holders Reporting Horse (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Horses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Horse (Birr)	Average Age of Horse (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	452	478	0.02	105,138	209.11	6
Geshe	11,701	-	-	-	-	-	-
Antsokiya Gemza	12,985	*	*	*	*	*	*
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	*	*	*	*	*	*
Tarma Ber	17,150	-	-	-	-	-	-
Kewet	20,399	-	-	-	-	-	-
Asagirt	9,625	-	-	-	-	-	-
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	-	-	-	-	-	-
Berehet	5,414	-	-	-	-	-	-
Minjarna Shenkora	22,920	-	-	-	-	-	-
Basona Werana	30,894	*	*	*	*	*	*
East Gojam Zone	377,208	3,557	4,049	0.01	1,619,201	354.96	8
Bibugn	20,380	252	276	0.01	69,479	238.54	7
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	-	-	-	-	-	-
Enbise Sar Midir	26,244	-	-	-	-	-	-
Enarj Enawga	31,408	-	-	-	-	-	-
Enemay	26,307	-	-	-	-	-	-
Debay Telatgen	24,182	*	*	*	*	*	*
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	1,832	*	*	*	*	*
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	-	-	-	-	-	-
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	5,775	7,944	0.02	2,713,047	248.01	7
Achefer	47,990	-	-	-	-	-	-
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	3,478	5,080	0.20	1,714,562	226.73	8
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	1,548	2,039	0.07	699,740	265.15	7
Dembecha	21,896	-	-	-	-	-	-
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	-	-	-	-	-	-
Zikuala	13,305	-	-	-	-	-	-
Sekota	33,740	-	-	-	-	-	-
Dehana	28,610	-	-	-	-	-	-
Awi Zone	152,723	23,142	40,319	0.26	12,879,812	181.15	8
Dangela	33,997	*	*	*	*	*	*
Banja	25,927	14,463	26,048	1.00	8,406,106	175.75	8
Ankesha	38,056	1,967	2,758	0.07	*	209.78	6
Guangua	31,273	-	-	-	-	-	-
Faggeta Lekoma	23,471	6,671	11,472	0.49	3,620,309	185.37	8
Oromia Zone	72,663	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	-	-	-	-	-	-
Jile Tsumiga	11,838	-	-	-	-	-	-
Artuma Fursi	14,442	-	-	-	-	-	-

TABLE 8.24A - Number of Holders Reporting Mule (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
Amhara Region	2,989,354	3,729	4,096	0.00	3,038,525	676.91	10
North Gonder Zone	426,798	242	*	*	*	*	5
Addi Arkay	23,992	-	-	-	-	-	-
Beyeda	17,537	-	-	-	-	-	-
Janamora	29,184	-	-	-	-	-	-
Debark	21,492	*	*	*	*	*	*
Dabat	24,578	-	-	-	-	-	-
Sanja	24,523	-	-	-	-	-	-
Lay Armacheho	24,975	-	-	-	-	-	-
Wegera	37,057	*	*	*	*	*	*
Gondar Zuria	38,957	-	-	-	-	-	-
Dembia	41,272	-	-	-	-	-	-
Chilga	32,286	-	-	-	-	-	-
Metema	10,152	-	-	-	-	-	-
Quara	9,401	-	-	-	-	-	-
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	-	-	-	-	-	-
South Gonder Zone	374,252	*	*	*	*	*	*
Ebenat	41,969	-	-	-	-	-	-
Kemekem	30,786	-	-	-	-	-	-
Fogera	40,393	-	-	-	-	-	-
Farta	47,634	*	*	*	*	*	*
Lay Gayint	39,303	-	-	-	-	-	-
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	-	-	-	-	-	-
Estie	63,489	-	-	-	-	-	-
Dera	43,376	-	-	-	-	-	-
North Wollo Zone	307,669	448	482	0.00	466,395	932.28	7
Bugna	46,716	-	-	-	-	-	-
Kobo	41,472	-	-	-	-	-	-
Gidan	34,560	-	-	-	-	-	-
Meket	48,107	*	*	*	*	*	*
Wadala	26,661	*	*	*	*	*	*
Dawutna Delanta	35,910	*	*	*	*	*	*
Guba Lafto	35,600	-	-	-	-	-	-
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	*	*	*	*	*	*
Mekdela	30,731	-	-	-	-	-	-
Tenta	35,460	-	-	-	-	-	-
Kutaber	21,652	-	-	-	-	-	-
Ambasel	26,365	-	-	-	-	-	-
Tehuledere	23,671	-	-	-	-	-	-
Werebabu	21,260	-	-	-	-	-	-
Kalu	39,177	-	-	-	-	-	-
Dessie Zuria	64,934	-	-	-	-	-	-
Legambo	35,598	*	*	*	*	*	*
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	-	-	-	-	-	-
Kelala	29,924	-	-	-	-	-	-
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	-	-	-	-	-	-
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	163	185	0.00	129,924	631.20	10
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	-	-	-	-	-	-
Insarona Wayu	24,523	-	-	-	-	-	-
Moretna Jiru	17,289	-	-	-	-	-	-

TABLE 8.24A: - Number of Holders Reporting Mule (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings. (Continued.)

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	*	*	*	*	*	*
Geshe	11,701	-	-	-	-	-	-
Antsokiya Gemza	12,985	*	*	*	*	*	*
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	-	-	-	-	-	-
Mojana Wadera	14,989	-	-	-	-	-	-
Tarma Ber	17,150	-	-	-	-	-	-
Kewet	20,399	-	-	-	-	-	-
Asagirt	9,625	-	-	-	-	-	-
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	-	-	-	-	-	-
Berehet	5,414	-	-	-	-	-	-
Minjarna Shenkora	22,920	-	-	-	-	-	-
Basona Werana	30,894	-	-	-	-	-	-
East Gojam Zone	377,208	*	*	*	*	*	*
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	-	-	-	-	-	-
Goncha Siso Enese	26,631	-	-	-	-	-	-
Enbise Sar Midir	26,244	-	-	-	-	-	-
Enarj Enawga	31,408	-	-	-	-	-	-
Enemay	26,307	-	-	-	-	-	-
Debay Telatgen	24,182	-	-	-	-	-	-
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	*	*	*	*	*	*
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	-	-	-	-	-	-
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	784	821	0.00	515,479	600.38	9
Achefer	47,990	-	-	-	-	-	-
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	-	-	-	-	-	-
Sekela	25,751	230	267	0.01	183,031	600.99	*
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	*	*	*	*	*	*
Dembecha	21,896	-	-	-	-	-	-
Jabi Tehnan	35,596	-	-	-	-	-	-
Bure Wemberma	35,772	-	-	-	-	-	-
Waghamra Zone	75,654	-	-	-	-	-	-
Zikuala	13,305	-	-	-	-	-	-
Sekota	33,740	-	-	-	-	-	-
Dehana	28,610	-	-	-	-	-	-
Awi Zone	152,723	453	481	0.00	316,902	611.85	12
Dangela	33,997	-	-	-	-	-	-
Banja	25,927	*	*	*	125,278	*	*
Ankesha	38,056	-	-	-	-	-	-
Guangua	31,273	-	-	-	-	-	-
Faggeta Lekoma	23,471	226	255	0.01	191,624	662.84	14
Oromia Zone	72,663	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	-	-	-	-	-	-
Jile Tsumiga	11,838	-	-	-	-	-	-
Artuma Fursi	14,442	-	-	-	-	-	-

TABLE 8.25A: -Number of Holders Reporting Ox (Specificaly for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ox, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Oxen Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ox (Birr)	Average Age of Ox (Years)
Amhara Region	2,989,354	2,122,013	3,769,055	1.26	2,145,166,659	338.12	8
North Gonder Zone	426,798	304,155	533,796	1.25	312,857,648	350.27	8
Addi Arkay	23,992	15,857	25,942	1.08	17,949,100	430.34	8
Beyeda	17,537	10,869	13,635	0.78	8,659,465	505.65	8
Janamora	29,184	17,774	24,463	0.84	15,349,998	454.64	7
Debark	21,492	11,952	20,072	0.93	14,468,826	435.91	7
Dabat	24,578	15,423	22,226	0.90	14,436,198	447.89	7
Sanja	24,523	20,376	52,748	2.15	28,318,965	254.27	7
Lay Armacheho	24,975	17,348	27,330	1.09	16,850,491	389.70	7
Wegera	37,057	23,737	34,837	0.94	19,925,302	397.10	7
Gondar Zuria	38,957	28,168	58,088	1.49	28,917,596	298.37	9
Dembia	41,272	32,092	50,247	1.22	33,346,837	426.31	8
Chilga	32,286	24,962	44,041	1.36	25,797,157	338.55	8
Metema	10,152	6,783	13,717	1.35	8,420,927	300.20	7
Quara	9,401	6,762	13,803	1.47	7,938,747	282.92	7
Alefa	46,244	35,658	65,692	1.42	36,704,918	304.08	7
Belesa	45,148	36,396	66,956	1.48	35,773,123	291.65	8
South Gonder Zone	374,252	274,489	473,480	1.27	235,401,394	317.68	8
Ebenat	41,969	30,761	51,886	1.24	26,109,686	296.54	8
Kemekem	30,786	22,338	34,925	1.13	21,818,131	396.59	8
Fogera	40,393	28,557	81,684	2.02	30,182,139	219.73	8
Farta	47,634	31,884	45,796	0.96	27,585,278	416.88	8
Lay Gayint	39,303	25,041	34,898	0.89	17,011,510	355.33	8
Tach Gayint	20,270	13,785	19,766	0.98	9,243,474	322.25	9
Simada	47,033	35,723	66,926	1.42	27,046,546	255.78	9
Estie	63,489	53,240	85,580	1.35	47,601,736	347.77	9
Dera	43,376	33,161	52,019	1.20	28,802,896	355.43	8
North Wollo Zone	307,669	205,467	330,232	1.07	193,616,341	377.02	6
Bugna	46,716	32,342	52,170	1.12	30,200,829	349.43	6
Kobo	41,472	32,187	51,232	1.24	35,691,652	428.82	6
Gidan	34,560	23,218	48,334	1.40	17,070,697	249.44	7
Meket	48,107	32,643	48,892	1.02	27,045,131	366.91	6
Wadala	26,661	16,208	24,170	0.91	13,921,236	383.79	7
Dawutna Delanta	35,910	23,575	35,551	0.99	21,041,995	390.37	7
Guba Lafto	35,600	22,613	33,055	0.93	23,039,788	471.70	6
Habru	38,645	22,681	36,829	0.95	25,605,013	422.62	5
South Wollo Zone	491,860	328,671	558,956	1.14	338,659,388	366.13	9
Mekdela	30,731	20,829	32,659	1.06	19,897,053	379.87	9
Tenta	35,460	22,480	32,549	0.92	21,613,424	452.83	8
Kutaber	21,652	15,962	25,814	1.19	17,904,547	434.08	9
Ambasel	26,365	18,257	32,995	1.25	20,738,861	354.84	9
Tehuledere	23,671	15,931	25,152	1.06	16,841,075	419.26	9
Werebabu	21,260	13,308	23,400	1.10	17,434,353	429.53	9
Kalu	39,177	25,735	59,359	1.52	33,169,662	326.01	9
Dessie Zuria	64,934	41,256	65,850	1.01	43,739,033	420.50	10
Legambo	35,598	18,574	30,182	0.85	15,661,267	320.94	8
Sayint	44,853	34,647	57,172	1.27	32,504,931	345.04	9
Debresina	36,673	25,602	42,964	1.17	20,751,077	285.76	8
Kelala	29,924	21,742	42,091	1.41	26,099,196	316.09	8
Jama	25,068	16,301	26,317	1.05	16,667,716	390.20	8
Were Ilu	29,715	18,962	29,376	0.99	18,429,956	403.02	8
Wegde	26,779	19,083	33,076	1.24	17,207,237	297.78	8
North Shewa (Amhara) Zone	338,763	243,190	458,706	1.35	292,629,826	369.81	8
Middana Weremo	16,652	10,856	17,042	1.02	9,915,987	368.91	9
Merhabete	23,035	17,204	33,149	1.44	16,267,706	303.20	8
Insarona Wayu	24,523	17,483	59,871	2.44	21,822,202	211.00	7
Moretna Jiru	17,289	12,621	18,912	1.09	12,405,562	442.10	7

TABLE 8.25A: -Number of Holders Reporting Ox (Specificaly for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ox, for Private Holdings. (Continued.)

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Oxen Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ox (Birr)	Average Age of Ox (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	17,871	27,521	1.01	15,820,251	369.99	9
Geshe	11,701	8,352	12,258	1.05	6,651,116	372.03	8
Antsokiya Gemza	12,985	7,580	10,829	0.83	6,900,042	441.97	8
Efratana Gidim	18,721	13,330	20,195	1.08	13,335,748	440.48	7
Lalo Midir	23,780	17,140	26,797	1.13	16,608,425	399.31	9
Mojana Wadera	14,989	11,313	21,927	1.46	12,669,914	353.14	9
Tarma Ber	17,150	12,257	20,554	1.20	13,730,400	394.40	8
Kewet	20,399	14,534	25,756	1.26	16,853,692	377.86	8
Asagirt	9,625	7,060	13,754	1.43	9,701,066	392.82	7
Angolelana Tera	14,930	10,835	22,144	1.48	16,472,508	370.65	7
Ankober	15,834	11,412	18,846	1.19	13,683,615	440.58	8
Hagere Mariam	10,654	8,518	15,543	1.46	13,099,257	464.61	7
Berehet	5,414	4,689	9,694	1.79	7,663,197	386.49	7
Minjarna Shenkora	22,920	17,785	44,511	1.94	39,459,784	398.34	8
Basona Werana	30,894	22,351	39,401	1.28	29,569,353	431.00	9
East Gojam Zone	377,208	289,142	527,253	1.40	289,897,563	316.03	8
Bibugn	20,380	16,152	26,049	1.28	10,085,988	295.22	7
Hulet Ej Enese	42,922	35,784	54,164	1.26	25,137,856	308.54	7
Goncha Siso Enese	26,631	20,839	39,424	1.48	17,044,768	277.01	8
Enbise Sar Midir	26,244	17,898	24,786	0.94	13,541,252	391.87	8
Enarj Enawga	31,408	23,547	36,780	1.17	21,078,800	366.58	7
Enemay	26,307	20,104	32,380	1.23	20,168,293	390.32	9
Debay Telatgen	24,182	19,037	43,966	1.82	21,244,742	271.22	9
Machakel	38,432	32,025	70,082	1.82	39,288,653	255.71	8
Guzamn	42,814	32,760	62,285	1.45	38,464,831	324.13	8
Baso Liben	26,092	19,880	36,537	1.40	21,611,007	321.86	8
Awabel	32,111	25,547	52,631	1.64	33,977,207	310.67	7
Dejen	20,267	13,634	22,484	1.11	16,531,250	446.89	9
Shebel Berenta	19,419	11,935	25,684	1.32	11,722,917	283.46	8
West Gojam Zone	371,763	287,714	539,162	1.45	286,119,351	298.62	7
Achefer	47,990	37,025	77,583	1.62	40,769,915	252.27	7
Bahir Dar Zuria	44,777	34,010	65,302	1.46	40,696,504	329.67	7
Yilman Densa	53,378	41,972	61,679	1.16	36,046,514	400.47	7
Merawi	47,811	37,337	100,368	2.10	36,087,648	189.54	8
Sekela	25,751	18,478	27,615	1.07	12,553,873	304.04	7
Kuarit	30,012	24,967	36,519	1.22	20,720,660	386.37	8
Dega Damot	28,781	23,866	33,465	1.16	17,623,592	375.53	8
Dembecha	21,896	18,378	38,934	1.78	24,197,545	288.18	7
Jabi Tehnan	35,596	26,402	46,176	1.30	25,741,112	316.06	7
Bure Wemberma	35,772	25,279	51,521	1.44	31,681,988	296.86	7
Waghamra Zone	75,654	52,877	93,238	1.23	49,213,157	321.51	6
Zikuala	13,305	10,527	20,251	1.52	12,229,225	313.96	5
Sekota	33,740	23,443	37,712	1.12	21,482,985	351.44	5
Dehana	28,610	18,908	35,274	1.23	15,500,948	293.87	6
Awi Zone	152,723	88,050	170,045	1.11	87,353,288	275.50	7
Dangela	33,997	24,802	50,321	1.48	28,464,797	275.00	6
Banja	25,927	7,659	17,944	0.69	6,154,327	222.76	6
Ankesha	38,056	19,762	33,180	0.87	17,398,788	321.39	7
Guangua	31,273	21,987	45,979	1.47	24,911,561	259.67	7
Faggeta Lekoma	23,471	13,840	22,622	0.96	10,423,814	283.27	7
Oromia Zone	72,663	48,258	84,188	1.16	59,418,703	401.04	7
Chefe Golana Dawe Rahimedo	30,075	19,442	35,514	1.18	25,293,863	382.99	7
Bati	16,309	11,262	19,380	1.19	15,628,538	466.41	8
Jile Tsumiga	11,838	8,425	13,727	1.16	8,972,882	403.77	7
Artuma Fursi	14,442	9,130	15,567	1.08	9,523,420	358.41	8

TABLE 8.26A: - Number of Holders Reporting Ass (Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Asses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ass (Birr)	Average Age of Ass (Years)
Amhara Region	2,989,354	886,442	1,105,496	0.37	188,781,125	141.87	8
North Gonder Zone	426,798	138,413	168,099	0.39	34,935,995	172.72	7
Addi Arkay	23,992	6,664	7,902	0.33	2,146,116	235.00	7
Beyeda	17,537	7,002	8,714	0.50	1,822,998	175.41	7
Janamora	29,184	10,381	14,047	0.48	3,199,928	157.14	7
Debark	21,492	5,749	7,387	0.34	1,752,452	184.83	7
Dabat	24,578	6,950	8,560	0.35	1,751,612	166.69	8
Sanja	24,523	9,997	11,725	0.48	3,447,271	256.80	6
Lay Armacheho	24,975	7,232	8,908	0.36	1,556,375	152.13	7
Wegera	37,057	12,684	14,646	0.40	2,635,345	155.55	8
Gondar Zuria	38,957	16,969	19,616	0.50	3,267,261	144.45	8
Dembia	41,272	6,974	8,247	0.20	1,621,788	164.08	7
Chilga	32,286	12,663	14,619	0.45	3,101,158	182.14	8
Metema	10,152	5,098	5,355	0.53	1,554,883	277.00	6
Quara	9,401	4,290	4,777	0.51	1,318,290	250.32	5
Alefa	46,244	11,006	12,761	0.28	2,458,806	167.79	8
Belesa	45,148	14,754	20,835	0.46	3,301,710	112.09	7
South Gonder Zone	374,252	99,169	124,484	0.33	18,480,090	121.85	9
Ebenat	41,969	12,681	16,530	0.39	2,314,925	105.73	9
Kemekem	30,786	9,914	11,871	0.39	1,972,915	138.75	8
Fogera	40,393	7,892	9,121	0.23	1,787,007	171.32	9
Farta	47,634	13,464	15,254	0.32	2,439,561	149.17	8
Lay Gayint	39,303	11,454	13,815	0.35	1,932,358	116.47	8
Tach Gayint	20,270	8,458	10,965	0.54	1,333,442	100.97	9
Simada	47,033	13,381	19,058	0.41	2,566,657	98.01	10
Estie	63,489	15,777	20,204	0.32	2,900,480	116.01	9
Dera	43,376	6,149	7,665	0.18	1,232,745	131.42	9
North Wollo Zone	307,669	80,046	98,639	0.32	16,434,725	136.10	6
Bugna	46,716	13,386	16,428	0.35	2,887,490	141.09	7
Kobo	41,472	10,346	11,799	0.28	2,153,333	163.45	7
Gidan	34,560	11,138	13,906	0.40	2,192,157	126.91	7
Meket	48,107	11,888	15,719	0.33	2,653,583	130.82	5
Wadala	26,661	4,862	5,948	0.22	999,836	137.04	7
Dawutna Delanta	35,910	12,799	16,244	0.45	2,585,957	124.87	7
Guba Lafto	35,600	10,033	12,152	0.34	1,873,561	128.01	6
Habru	38,645	5,595	6,443	0.17	1,088,809	148.67	5
South Wollo Zone	491,860	157,184	198,020	0.40	28,909,071	119.61	9
Mekdela	30,731	11,590	18,036	0.59	2,240,029	104.50	9
Tenta	35,460	12,861	16,594	0.47	2,490,723	117.41	9
Kutaber	21,652	7,041	9,060	0.42	1,523,501	132.83	11
Ambasel	26,365	8,658	10,399	0.39	1,587,730	129.66	10
Tehuledere	23,671	3,908	4,469	0.19	602,275	117.00	10
Werebabu	21,260	4,687	5,279	0.25	839,832	144.28	9
Kalu	39,177	7,649	9,391	0.24	1,303,390	114.30	10
Dessie Zuria	64,934	21,525	23,745	0.37	3,421,486	131.16	9
Legambo	35,598	14,282	17,246	0.48	2,413,687	117.18	8
Sayint	44,853	13,506	15,856	0.35	2,513,329	135.73	9
Debresina	36,673	8,354	10,505	0.29	1,477,322	109.37	9
Kelala	29,924	11,127	16,006	0.53	2,325,200	103.69	9
Jama	25,068	10,287	13,611	0.54	2,022,289	114.86	9
Were Ilu	29,715	14,724	18,836	0.63	2,737,394	115.25	6
Wegde	26,779	6,984	8,988	0.34	1,410,883	123.77	8
North Shewa (Amhara) Zone	338,763	148,264	180,472	0.53	34,675,348	159.39	8
Middana Weremo	16,652	5,236	6,445	0.39	1,032,332	134.38	9
Merhabete	23,035	10,434	12,498	0.54	2,168,671	161.37	8
Insarona Wayu	24,523	11,986	13,889	0.57	2,660,022	169.09	7
Moretna Jiru	17,289	9,102	10,591	0.61	2,039,177	168.98	7

TABLE 8.26A: - Number of Holders Reporting Ass (For Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Asses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ass (Birr)	Average Age of Ass (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	12,020	14,828	0.54	2,319,887	125.67	8
Geshe	11,701	5,080	5,490	0.47	711,367	119.34	8
Antsokiya Gemza	12,985	4,801	5,176	0.40	891,248	162.80	9
Efratana Gidim	18,721	5,772	6,345	0.34	1,187,416	171.11	8
Lalo Midir	23,780	9,289	10,756	0.45	1,601,527	129.08	8
Mojana Wadera	14,989	6,278	7,473	0.50	1,083,065	123.26	8
Tarma Ber	17,150	5,602	6,518	0.38	1,123,486	149.79	7
Kewet	20,399	7,894	9,262	0.45	1,917,804	177.73	7
Asagirt	9,625	4,372	4,941	0.51	1,089,495	195.82	8
Angolelana Tera	14,930	7,627	10,026	0.67	1,839,885	140.57	7
Ankober	15,834	3,877	4,593	0.29	766,568	143.79	8
Hagere Mariam	10,654	5,848	7,075	0.66	1,630,357	193.38	7
Berehet	5,414	2,772	3,441	0.64	856,421	198.19	8
Minjama Shenkora	22,920	14,699	20,972	0.92	6,166,532	210.33	9
Basona Werana	30,894	15,576	20,152	0.65	3,590,089	142.26	8
East Gojam Zone	377,208	107,577	143,461	0.38	22,208,633	129.07	8
Bibugn	20,380	3,088	3,621	0.18	598,782	138.49	7
Hulet Ej Enese	42,922	10,110	12,346	0.29	1,678,996	111.00	8
Goncha Siso Enese	26,631	8,501	9,973	0.37	1,538,548	131.85	7
Enbise Sar Midir	26,244	8,206	10,151	0.39	1,557,779	125.87	7
Enarj Enawga	31,408	11,607	14,653	0.47	2,341,130	126.07	7
Enemay	26,307	10,563	12,310	0.47	2,030,089	141.12	8
Debay Telatgen	24,182	9,546	*	*	1,893,886	*	10
Machakel	38,432	7,378	9,578	0.25	1,801,029	148.48	7
Guzamn	42,814	9,076	10,751	0.25	2,261,406	179.23	8
Baso Liben	26,092	7,178	7,952	0.30	1,639,161	187.86	7
Awabel	32,111	10,004	12,266	0.38	2,327,351	156.04	7
Dejen	20,267	6,328	7,710	0.38	1,465,130	159.29	9
Shebel Berenta	19,419	5,991	6,989	0.36	1,075,348	134.84	8
West Gojam Zone	371,763	94,560	116,665	0.31	18,792,823	142.59	7
Achefer	47,990	12,353	19,942	0.42	2,213,229	103.86	7
Bahir Dar Zuria	44,777	12,237	13,152	0.29	2,512,737	177.86	7
Yilman Densa	53,378	15,596	17,116	0.32	2,665,330	143.00	6
Merawi	47,811	13,888	16,455	0.34	2,677,426	139.58	7
Sekela	25,751	5,082	8,302	0.32	855,367	94.67	7
Kuarit	30,012	7,286	8,009	0.27	1,214,795	136.59	7
Dega Damot	28,781	5,269	5,768	0.20	964,309	153.52	7
Dembecha	21,896	5,902	6,525	0.30	1,247,826	170.84	6
Jabi Tehnan	35,596	6,882	8,229	0.23	1,516,722	156.06	6
Bure Wemberma	35,772	10,066	13,167	0.37	2,925,082	175.95	7
Waghamra Zone	75,654	21,958	28,552	0.38	5,895,241	157.21	5
Zikuala	13,305	6,327	8,420	0.63	1,922,611	170.96	5
Sekota	33,740	8,671	11,074	0.33	2,320,115	162.82	4
Dehana	28,610	6,960	9,057	0.32	1,652,515	137.61	5
Awi Zone	152,723	23,385	29,621	0.19	5,174,949	139.11	6
Dangela	33,997	8,432	10,179	0.30	1,902,654	154.47	6
Banja	25,927	1,008	1,280	0.05	251,149	154.05	6
Ankesha	38,056	3,560	5,230	0.14	877,456	119.49	7
Guangua	31,273	7,068	9,045	0.29	1,586,209	138.00	6
Faggeta Lekoma	23,471	3,317	3,887	0.17	557,481	122.94	8
Oromia Zone	72,663	15,887	17,485	0.24	3,274,250	171.36	9
Chefe Golana Dawe Rahimedo	30,075	4,970	5,535	0.18	1,045,286	169.89	8
Bati	16,309	2,145	2,402	0.15	423,277	157.20	11
Jile Tsumiga	11,838	5,469	5,912	0.50	1,147,708	181.34	8
Artuma Fursi	14,442	3,302	3,636	0.25	657,980	166.75	9

TABLE 8.27A: - Number of Holders Reporting Camel (Working Age for Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
Amhara Region	2,989,354	9,154	12,764	0.00	12,201,756	727.40	7
North Gonder Zone	426,798	411	456	0.00	1,021,213	2,027.99	8
Addi Arkay	23,992	-	-	-	-	-	-
Beyeda	17,537	-	-	-	-	-	-
Janamora	29,184	-	-	-	-	-	-
Debark	21,492	-	-	-	-	-	-
Dabat	24,578	-	-	-	-	-	-
Sanja	24,523	-	-	-	-	-	-
Lay Armacheho	24,975	-	-	-	-	-	-
Wegera	37,057	-	-	-	-	-	-
Gondar Zuria	38,957	-	-	-	-	-	-
Dembia	41,272	-	-	-	-	-	-
Chilga	32,286	-	-	-	-	-	-
Metema	10,152	305	331	0.03	784,166	2,135.70	9
Quara	9,401	106	125	0.01	237,047	1,742.78	6
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	-	-	-	-	-	-
South Gonder Zone	374,252	•	•	•	•	•	•
Ebenat	41,969	-	-	-	-	-	-
Kemekem	30,786	•	•	•	•	•	•
Fogera	40,393	-	-	-	-	-	-
Farta	47,634	•	•	•	•	•	•
Lay Gayint	39,303	-	-	-	-	-	-
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	-	-	-	-	-	-
Estie	63,489	-	-	-	-	-	-
Dera	43,376	-	-	-	-	-	-
North Wollo Zone	307,669	3,186	4,028	0.01	4,051,334	789.36	4
Bugna	46,716	-	-	-	-	-	-
Kobo	41,472	•	•	•	•	•	•
Gidan	34,560	-	-	-	-	-	-
Meket	48,107	-	-	-	-	-	-
Wadala	26,661	-	-	-	-	-	-
Dawutna Delanta	35,910	•	•	•	•	•	•
Guba Lafto	35,600	•	•	•	•	•	•
Habru	38,645	1,291	1,909	0.05	2,046,321	745.07	4
South Wollo Zone	491,860	1,390	1,863	0.00	1,979,296	814.49	10
Mekdela	30,731	•	•	•	•	•	•
Tenta	35,460	-	-	-	-	-	-
Kutaber	21,652	•	•	•	•	•	•
Ambasel	26,365	•	•	•	•	•	•
Tehuledere	23,671	-	-	-	-	-	-
Werebabu	21,260	469	673	0.03	761,847	777.16	11
Kalu	39,177	779	997	0.03	1,084,568	866.99	10
Dessie Zuria	64,934	-	-	-	-	-	-
Legambo	35,598	-	-	-	-	-	-
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	-	-	-	-	-	-
Kelala	29,924	-	-	-	-	-	-
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	-	-	-	-	-	-
Wegde	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,763	966	1,441	0.00	934,225	514.21	8
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	-	-	-	-	-	-
Insarona Wayu	24,523	-	-	-	-	-	-
Moretna Jiru	17,289	-	-	-	-	-	-

TABLE 8.27A: - Number of Holders Reporting Camels (Working Age for Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Camels, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	-	-	-	-	-	-
Geshe	11,701	-	-	-	-	-	-
Antsokiya Gemza	12,985	-	-	-	-	-	-
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	-	-	-	-	-	-
Mojana Wadera	14,989	-	-	-	-	-	-
Tarma Ber	17,150	*	*	*	*	*	*
Kewet	20,399	*	*	*	*	*	*
Asagirt	9,625	-	-	-	-	-	-
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	*	*	*	*	*	*
Hagere Mariam	10,654	-	-	-	-	-	-
Berehet	5,414	158	263	0.05	165,134	367.37	4
Minjarna Shenkora	22,920	548	575	0.03	493,150	858.96	*
Basona Werana	30,894	-	-	-	-	-	-
East Gojam Zone	377,208	*	*	*	*	*	*
Bibugn	20,380	-	-	-	-	-	-
Hulet Ej Enese	42,922	-	-	-	-	-	-
Goncha Siso Enese	26,631	-	-	-	-	-	-
Enbise Sar Midir	26,244	-	-	-	-	-	-
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	-	-	-	-	-	-
Debay Telatgen	24,182	-	-	-	-	-	-
Machakel	38,432	*	*	*	*	*	*
Guzamn	42,814	-	-	-	-	-	-
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	-	-	-	-	-	-
Dejen	20,267	-	-	-	-	-	-
Shebel Berenta	19,419	-	-	-	-	-	-
West Gojam Zone	371,763	*	*	*	*	*	*
Achefer	47,990	-	-	-	-	-	-
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	-	-	-	-	-	-
Sekela	25,751	-	-	-	-	-	-
Kuarit	30,012	-	-	-	-	-	-
Dega Damot	28,781	-	-	-	-	-	-
Dembecha	21,896	-	-	-	-	-	-
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	-	-	-	-	-	-
Waghamra Zone	75,654	-	-	-	-	-	-
Zikuala	13,305	-	-	-	-	-	-
Sekota	33,740	-	-	-	-	-	-
Dehana	28,610	-	-	-	-	-	-
Awi Zone	152,723	-	-	-	-	-	-
Dangela	33,997	-	-	-	-	-	-
Banja	25,927	-	-	-	-	-	-
Ankesha	38,056	-	-	-	-	-	-
Guangua	31,273	-	-	-	-	-	-
Faggeta Lekoma	23,471	-	-	-	-	-	-
Oromia Zone	72,663	2,956	4,266	0.06	4,135,509	674.47	9
Chefe Golana Dawe Rahimedo	30,075	645	821	0.03	858,679	814.19	8
Bati	16,309	1,872	2,544	0.16	2,485,819	715.02	9
Jile Tsumiga	11,838	238	500	0.04	433,656	421.48	8
Artuma Fursi	14,442	201	401	0.03	357,355	446.66	7

TABLE 8.28A: - Number of Holders Reporting Cattle (Working Age for Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Cattle Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cattle (Birr)	Average Age of Cattle (Years)
Amhara Region	2,989,354	2,240,133	5,776,762	1.93	2,996,251,337	216.15	8
North Gonder Zone	426,798	307,831	703,515	1.65	399,377,061	258.82	8
Addi Arkay	23,992	16,106	48,594	2.03	29,777,653	222.56	8
Beyeda	17,537	11,262	17,817	1.02	10,799,409	388.03	8
Janamora	29,184	18,443	29,137	1.00	17,849,308	395.54	7
Debark	21,492	12,322	22,421	1.04	15,679,295	383.66	7
Dabat	24,578	16,061	28,873	1.17	17,496,442	345.16	7
Sanja	24,523	17,930	66,547	2.71	39,750,482	171.98	6
Lay Armacheho	24,975	17,711	39,885	1.60	22,472,801	261.79	7
Wegera	37,057	24,676	46,781	1.26	26,055,674	296.65	7
Gondar Zuria	38,957	28,032	57,693	1.48	32,839,081	284.90	8
Dembia	41,272	32,639	59,885	1.45	39,140,191	354.83	8
Chilga	32,286	25,444	71,049	2.20	34,579,906	197.67	8
Metema	10,152	7,031	18,164	1.79	10,686,033	227.81	7
Quara	9,401	6,853	19,582	2.08	10,179,604	185.89	7
Alefa	46,244	36,124	81,665	1.77	43,155,899	241.99	7
Belesa	45,148	37,197	95,420	2.11	48,915,283	201.51	8
South Gonder Zone	374,252	288,447	803,106	2.15	353,072,047	184.01	8
Ebenat	41,969	31,446	80,685	1.92	32,947,810	187.97	8
Kemekem	30,786	22,717	51,173	1.66	28,299,102	254.25	8
Fogera	40,393	28,375	104,304	2.58	40,125,195	154.97	8
Farta	47,634	34,888	88,704	1.86	47,809,222	216.37	8
Lay Gayint	39,303	27,161	51,345	1.31	22,710,485	251.53	8
Tach Gayint	20,270	15,038	34,769	1.72	12,729,893	188.17	8
Simada	47,033	38,546	107,918	2.29	46,534,209	158.96	9
Estie	63,489	55,291	146,373	2.31	75,213,265	201.63	9
Dera	43,376	34,987	137,833	3.18	46,702,867	131.49	8
North Wollo Zone	307,669	225,575	525,763	1.71	280,048,832	240.59	6
Bugna	46,716	34,301	76,139	1.63	41,388,644	243.92	7
Kobo	41,472	32,977	68,454	1.65	44,883,589	314.84	6
Gidan	34,560	25,894	84,251	2.44	28,390,325	145.27	7
Meket	48,107	36,842	80,535	1.67	41,565,309	233.71	6
Wadala	26,661	18,850	37,742	1.42	20,003,902	265.48	7
Dawutna Delanta	35,910	26,069	61,003	1.70	32,835,917	231.51	7
Guba Lafto	35,600	26,462	63,309	1.78	38,340,638	255.63	6
Habru	38,645	24,181	54,330	1.41	32,640,508	275.80	5
South Wollo Zone	491,860	358,043	830,572	1.69	458,738,330	246.84	9
Mekdela	30,731	22,958	55,990	1.82	31,533,275	231.65	9
Tenta	35,460	25,465	53,684	1.51	31,874,590	283.87	8
Kutaber	21,652	17,368	47,501	2.19	27,467,918	219.16	10
Ambasel	26,365	19,190	43,908	1.67	25,528,897	263.29	9
Tehuledere	23,671	17,211	40,019	1.69	22,298,779	252.94	9
Werebabu	21,260	13,817	39,388	1.85	21,447,086	249.92	9
Kalu	39,177	26,613	54,033	1.38	38,280,721	355.50	9
Dessie Zuria	64,934	47,153	103,914	1.60	61,182,773	273.31	10
Legambo	35,598	21,572	49,723	1.40	23,628,644	207.54	8
Sayint	44,853	36,835	79,710	1.78	42,031,118	246.83	8
Debresina	36,673	27,113	61,948	1.69	27,556,223	196.00	8
Kelala	29,924	22,458	54,094	1.81	29,874,225	238.69	8
Jama	25,068	18,462	45,677	1.82	24,330,324	221.65	8
Were Ilu	29,715	21,388	46,252	1.56	26,749,847	267.28	8
Wegde	26,779	20,440	54,731	2.04	24,953,910	177.69	8
North Shewa (Amhara) Zone	338,763	258,341	641,292	1.89	382,882,978	254.61	8
Middana Weremo	16,652	11,083	20,280	1.22	11,737,306	315.68	9
Merhabete	23,035	17,778	39,036	1.69	18,588,229	253.30	8
Insarona Wayu	24,523	18,559	49,171	2.01	27,365,806	247.99	7
Moretna Jiru	17,289	13,121	25,602	1.48	15,100,482	313.55	7

TABLE 8.28A: - Number of Holders Reporting Cattle (Working Age for Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Cattle Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cattle (Birr)	Average Age of Cattle (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	20,014	45,276	1.66	23,002,982	227.27	9
Geshe	11,701	8,972	18,949	1.62	9,109,180	232.54	8
Antsokiya Gemza	12,985	8,181	14,366	1.11	8,336,482	340.20	8
Efratana Gidim	18,721	13,656	24,646	1.32	15,156,632	350.17	7
Lalo Midir	23,780	19,187	39,857	1.68	22,256,656	270.28	9
Mojana Wadera	14,989	11,829	26,855	1.79	15,729,275	266.55	9
Tarma Ber	17,150	13,275	33,609	1.96	19,318,879	230.83	8
Kewet	20,399	15,379	41,605	2.04	23,689,111	223.59	8
Asagirt	9,625	7,766	23,328	2.42	14,229,365	207.55	8
Angolelana Tera	14,930	12,297	44,106	2.95	27,642,666	181.73	8
Ankober	15,834	11,881	29,351	1.85	18,006,356	261.61	8
Hagere Mariam	10,654	8,918	26,017	2.44	18,527,524	254.52	8
Berehet	5,414	4,853	12,342	2.28	9,370,335	303.36	7
Minjarna Shenkora	22,920	18,402	67,563	2.95	45,674,663	241.49	8
Basona Werana	30,894	23,194	59,332	1.92	40,041,049	275.53	9
East Gojam Zone	377,208	287,042	720,428	1.91	368,409,758	214.02	8
Bibugn	20,380	16,312	39,185	1.92	13,886,535	186.61	8
Hulet Ej Enese	42,922	37,435	92,099	2.15	37,790,863	178.76	8
Goncha Siso Enese	26,631	21,011	49,714	1.87	24,709,501	211.36	8
Enbise Sar Midir	26,244	19,008	38,635	1.47	19,562,754	251.82	8
Enarj Enawga	31,408	25,932	53,672	1.71	28,153,292	265.52	7
Enemay	26,307	20,299	39,385	1.50	23,081,430	311.03	9
Debay Telatgen	24,182	18,628	41,154	1.70	24,164,644	270.42	9
Machakel	38,432	30,048	102,194	2.66	48,674,139	146.09	8
Guzamn	42,814	25,593	79,299	1.85	39,930,508	168.62	8
Baso Liben	26,092	19,571	52,029	1.99	27,448,873	202.72	8
Awabel	32,111	26,027	76,193	2.37	45,492,997	212.01	8
Dejen	20,267	14,652	31,201	1.54	21,191,331	332.58	9
Shebel Berenta	19,419	12,524	25,668	1.32	14,322,890	279.25	8
West Gojam Zone	371,763	301,100	936,376	2.52	430,033,519	166.14	7
Achefer	47,990	39,629	131,413	2.74	56,987,808	147.79	7
Bahir Dar Zuria	44,777	33,963	115,204	2.57	58,575,898	176.41	7
Yilman Densa	53,378	43,902	130,388	2.44	56,716,298	182.20	8
Merawi	47,811	39,063	145,757	3.05	60,526,249	125.45	8
Sekela	25,751	20,890	65,676	2.55	20,714,051	132.92	7
Kuarit	30,012	25,666	55,260	1.84	27,558,566	241.15	8
Dega Damot	28,781	24,548	50,579	1.76	24,389,488	243.99	8
Dembecha	21,896	18,928	64,823	2.96	35,981,308	162.21	7
Jabi Tehnan	35,596	28,146	84,712	2.38	42,680,889	168.10	7
Bure Wemberma	35,772	26,365	92,566	2.59	45,902,962	158.09	7
Waghamra Zone	75,654	54,934	159,477	2.11	106,080,773	186.90	5
Zikuala	13,305	10,725	47,724	3.59	20,742,748	123.35	5
Sekota	33,740	24,095	54,494	1.62	28,705,416	242.43	5
Dehana	28,610	20,115	57,259	2.00	*	187.02	6
Awi Zone	152,723	110,186	360,574	2.36	153,317,794	142.31	7
Dangela	33,997	26,856	82,614	2.43	40,636,979	163.80	6
Banja	25,927	17,925	49,750	1.92	19,830,618	148.26	7
Ankesha	38,056	23,548	68,118	1.79	30,198,459	162.21	7
Guangua	31,273	24,090	110,055	3.52	43,168,954	111.86	6
Faggeta Lekoma	23,471	17,767	50,036	2.13	19,482,784	140.83	7
Oromia Zone	72,663	48,634	95,659	1.32	64,290,245	346.40	7
Chefe Golana Dawe Rahimedo	30,075	19,382	39,317	1.31	26,785,900	335.84	7
Bati	16,309	11,465	22,072	1.35	16,901,047	406.16	8
Jile Tsumiga	11,838	8,376	16,112	1.36	9,906,773	333.06	7
Artuma Fursi	14,442	9,410	18,158	1.26	10,696,525	308.44	8

TABLE 8.29A:- Number of Holders Reporting Horse (For Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Horses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Horse (Birr)	Average Age of Horse (Years)
Amhara Region	2,989,354	165,919	232,426	0.08	75,913,894	250.95	8
North Gonder Zone	426,798	18,645	26,675	0.06	10,342,077	287.99	8
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	1,324	*	*	687,481	*	9
Janamora	29,184	2,794	3,185	0.11	1,355,915	369.53	8
Debark	21,492	5,188	8,292	0.39	3,546,797	258.58	7
Dabat	24,578	2,575	3,351	0.14	1,372,881	320.96	9
Sanja	24,523	-	-	-	-	-	-
Lay Armacheho	24,975	*	*	*	*	*	*
Wegera	37,057	5,258	6,691	0.18	2,428,351	285.83	9
Gondar Zuria	38,957	519	*	*	*	*	10
Dembia	41,272	*	*	*	*	*	*
Chilga	32,286	-	-	-	-	-	-
Metema	10,152	-	-	-	-	-	-
Quara	9,401	-	-	-	-	-	-
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	*	*	*	*	*	*
South Gonder Zone	374,252	12,763	13,983	0.04	5,123,950	336.74	10
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	*	*	*	*	*	*
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	5,008	5,280	0.11	2,090,995	376.53	10
Lay Gayint	39,303	3,145	3,656	0.09	1,245,925	295.83	10
Tach Gayint	20,270	*	*	*	*	*	*
Simada	47,033	888	954	0.02	349,430	356.01	12
Estie	63,489	3,213	3,585	0.06	1,220,226	301.82	9
Dera	43,376	-	-	-	-	-	-
North Wollo Zone	307,669	18,122	24,776	0.08	10,057,965	294.13	7
Bugna	46,716	*	*	*	*	*	*
Kobo	41,472	-	-	-	-	-	-
Gidan	34,560	*	*	*	*	*	*
Meket	48,107	6,243	9,681	0.20	4,078,139	266.50	7
Wadala	26,661	7,158	9,417	0.35	4,004,954	322.18	6
Dawutna Delanta	35,910	2,568	3,042	0.08	974,115	276.04	8
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	31,081	35,912	0.07	12,162,729	299.03	9
Mekdela	30,731	1,162	1,202	0.04	408,862	333.57	10
Tenta	35,460	4,788	5,543	0.16	1,758,309	278.77	8
Kutaber	21,652	1,749	2,945	0.14	1,089,368	214.19	9
Ambasel	26,365	*	*	*	*	*	*
Tehuledere	23,671	*	*	*	*	*	*
Werebabu	21,260	*	*	*	*	*	*
Kalu	39,177	234	234	0.01	*	*	*
Dessie Zuria	64,934	6,651	7,357	0.11	2,687,098	332.24	9
Legambo	35,598	6,075	6,786	0.19	2,059,570	274.88	8
Sayint	44,853	*	*	*	*	*	*
Debresina	36,673	996	1,130	0.03	393,510	313.94	9
Kelala	29,924	1,164	1,359	0.05	599,430	397.99	10
Jama	25,068	2,618	3,036	0.12	999,493	289.45	10
Were Ilu	29,715	3,432	3,470	0.12	1,234,472	351.61	7
Wegde	26,779	273	415	0.02	*	166.13	10
North Shewa (Amhara) Zone	338,763	18,281	23,866	0.07	5,933,840	223.96	8
Middana Weremo	16,652	*	*	*	*	*	*
Merhabete	23,035	-	-	-	-	-	-
Insarona Wayu	24,523	1,859	1,979	0.08	625,544	300.80	10
Moretna Jiru	17,289	1,581	1,628	0.09	594,457	350.88	7

TABLE 8.29A:- Number of Holders Reporting Horse (For Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Horses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Horse (Birr)	Average Age of Horse (Years)
North Shewa (Amhara) Zone							
Gera Keya	27,268	2,127	2,398	0.09	519,457	196.40	8
Geshe	11,701	204	204	0.02	46,906	229.93	8
Antsokiya Gemza	12,985	187	221	0.02	35,877	147.30	10
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	1,142	1,142	0.05	262,752	230.08	8
Mojana Wadera	14,989	753	893	0.06	196,761	198.36	10
Tarma Ber	17,150	632	757	0.04	144,084	164.56	8
Kewet	20,399	*	*	*	*	*	*
Asagirt	9,625	1,255	3,773	0.39	327,907	76.80	9
Angolelana Tera	14,930	3,387	4,479	0.30	1,430,607	238.39	8
Ankober	15,834	-	-	-	-	-	-
Hagere Mariam	10,654	834	894	0.08	230,959	243.54	8
Berehet	5,414	*	*	*	*	*	*
Minjarna Shenkora	22,920	*	*	*	*	*	*
Basona Werana	30,894	3,337	4,479	0.14	1,205,158	264.30	9
East Gojam Zone	377,208	24,387	35,284	0.09	10,594,797	253.57	9
Bibugn	20,380	3,562	4,182	0.21	1,215,595	250.91	7
Hulet Ej Enese	42,922	3,618	*	*	1,457,384	*	9
Goncha Siso Enese	26,631	513	609	0.02	214,534	303.30	9
Enbise Sar Midir	26,244	*	*	*	*	*	*
Enarj Enawga	31,408	622	622	0.02	232,341	373.54	10
Enemay	26,307	411	441	0.02	192,044	415.07	9
Debay Telatgen	24,182	3,904	4,761	0.20	1,871,358	329.91	9
Machakel	38,432	2,602	3,107	0.08	1,246,729	325.41	7
Guzamn	42,814	6,873	8,252	0.19	3,091,734	312.58	9
Baso Liben	26,092	*	*	*	*	*	*
Awabel	32,111	2,122	2,606	0.08	1,022,136	329.95	10
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	*	*	*	*	*	*
West Gojam Zone	371,763	11,240	14,400	0.04	4,858,669	262.57	7
Achefer	47,990	*	*	*	*	*	*
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	4,346	5,987	0.23	1,915,414	225.93	8
Kuarit	30,012	1,233	1,409	0.05	522,964	327.79	*
Dega Damot	28,781	4,240	5,361	0.19	1,795,970	263.07	7
Dembecha	21,896	*	*	*	*	*	*
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	153	*	*	*	*	5
Zikuala	13,305	*	*	*	*	*	*
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	31,246	57,311	0.38	16,706,263	170.30	8
Dangela	33,997	-	-	-	-	-	-
Banja	25,927	15,076	27,427	1.06	8,847,821	176.04	8
Ankesha	38,056	8,180	16,176	0.43	3,540,102	150.81	8
Guangua	31,273	*	*	*	*	*	*
Faggeta Lekoma	23,471	7,901	13,573	0.58	4,260,224	181.40	8
Oromia Zone	72,663	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	-	-	-	-	-	-
Jile Tsumiga	11,838	-	-	-	-	-	-
Artuma Fursi	14,442	-	-	-	-	-	-

TABLE 8.30A:- Number of Holders Reporting Mule (For Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
Amhara Region	2,989,354	60,896	65,567	0.02	52,741,268	757.95	10
North Gonder Zone	426,798	6,230	6,366	0.01	6,137,758	956.54	11
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	387	387	0.02	396,459	1,024.44	12
Janamora	29,184	707	743	0.03	682,239	893.69	11
Debark	21,492	505	530	0.02	530,694	954.12	9
Dabat	24,578	214	214	0.01	190,000	887.85	6
Sanja	24,523	610	610	0.02	603,198	988.85	10
Lay Armacheho	24,975	*	*	*	*	*	*
Wegera	37,057	572	572	0.02	646,963	1,131.05	16
Gondar Zuria	38,957	*	*	*	*	*	*
Dembia	41,272	*	*	*	*	*	*
Chilga	32,286	175	175	0.01	194,555	1,111.74	10
Metema	10,152	*	*	*	*	*	*
Quara	9,401	235	309	0.03	255,420	809.76	9
Alefa	46,244	379	379	0.01	357,466	943.18	10
Belesa	45,148	1,807	1,807	0.04	1,641,523	908.42	10
South Gonder Zone	374,252	8,714	9,875	0.03	7,380,702	702.81	12
Ebenat	41,969	853	853	0.02	724,709	849.60	13
Kemekem	30,786	*	*	*	*	*	*
Fogera	40,393	*	*	*	*	*	*
Farta	47,634	3,296	3,692	0.08	2,946,816	718.10	12
Lay Gayint	39,303	*	*	*	*	*	*
Tach Gayint	20,270	264	291	0.01	266,042	821.45	15
Simada	47,033	928	928	0.02	724,500	780.71	14
Estie	63,489	2,502	3,240	0.05	1,913,530	554.23	12
Dera	43,376	*	*	*	*	*	*
North Wollo Zone	307,669	6,209	6,357	0.02	6,237,020	961.08	8
Bugna	46,716	1,405	1,405	0.03	1,382,182	983.76	8
Kobo	41,472	234	234	0.01	221,678	947.34	*
Gidan	34,560	645	645	0.02	699,213	1,084.05	9
Meket	48,107	954	*	*	*	*	*
Wadala	26,661	773	773	0.03	767,532	992.93	9
Dawutna Delanta	35,910	1,845	1,902	0.05	1,838,106	942.42	8
Guba Lafto	35,600	*	*	*	*	*	*
Habru	38,645	*	*	*	*	*	*
South Wollo Zone	491,860	18,217	20,148	0.04	16,493,706	743.29	11
Mekdela	30,731	1,073	1,073	0.03	899,548	838.35	13
Tenta	35,460	1,214	1,262	0.04	1,076,841	807.79	11
Kutaber	21,652	1,932	2,530	0.12	2,076,205	640.24	11
Ambasel	26,365	1,429	1,593	0.06	1,343,185	751.08	13
Tehuledere	23,671	1,379	1,656	0.07	1,266,776	633.64	11
Werebabu	21,260	*	*	*	*	*	*
Kalu	39,177	638	745	0.02	586,385	679.54	12
Dessie Zuria	64,934	5,001	5,404	0.08	4,169,636	710.73	12
Legambo	35,598	1,106	1,106	0.03	1,085,264	981.25	7
Sayint	44,853	-	-	-	-	-	-
Debresina	36,673	319	319	0.01	218,039	683.51	11
Kelala	29,924	2,035	2,185	0.07	1,972,794	841.08	10
Jama	25,068	643	752	0.03	537,820	633.32	15
Were Ilu	29,715	810	855	0.03	723,661	830.50	8
Wegde	26,779	499	529	0.02	415,092	745.52	15
North Shewa (Amhara) Zone	338,763	5,575	5,612	0.02	4,584,252	810.87	11
Middana Weremo	16,652	307	307	0.02	218,599	712.05	10
Merhabete	23,035	342	342	0.01	196,231	573.77	9
Insarona Wayu	24,523	-	-	-	-	-	-
Moretna Jiru	17,289	*	*	*	*	*	*

TABLE 8.31A:- Number of Holders Reporting 'Debignit' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Debignit', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Debignits' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Debignit' (Birr)	Average Storage Capacity of 'Debignit' (Quintal)
North Shewa (Amhara) Zone							
Gera Keya	27,268	19,139	36,753	1.35	100,460	1.38	3
Geshe	11,701	8,163	17,655	1.51	31,862	0.81	4
Antsokiya Gemza	12,985	4,680	7,654	0.59	25,326	1.88	3
Efratana Gidim	18,721	5,391	7,307	0.39	24,788	2.47	6
Lalo Midir	23,780	17,268	32,193	1.35	100,046	1.76	2
Mojana Wadera	14,989	8,098	13,747	0.92	27,302	1.11	4
Tarma Ber	17,150	8,673	14,258	0.83	38,204	1.71	3
Kewet	20,399	6,676	9,912	0.49	32,326	2.37	1
Asagirt	9,625	5,848	11,990	1.25	39,073	1.59	2
Angolelana Tera	14,930	11,082	27,367	1.83	111,603	1.56	5
Ankober	15,834	5,975	10,587	0.67	40,207	2.22	2
Hagere Mariam	10,654	5,581	11,504	1.08	44,397	1.84	4
Berehet	5,414	2,340	4,972	0.92	26,286	2.68	2
Minjarna Shenkora	22,920	3,373	4,912	0.21	33,327	3.49	*
Basona Werana	30,894	14,096	28,517	0.92	124,048	2.01	2
East Gojam Zone	377,208	294,789	696,470	1.85	7,195,223	3.98	4
Bibugn	20,380	13,025	33,813	1.66	186,037	1.86	5
Hulet Ej Enese	42,922	34,716	79,887	1.86	474,891	2.24	4
Goncha Siso Enese	26,631	22,059	63,656	2.39	468,272	2.88	4
Enbise Sar Midir	26,244	19,398	36,218	1.38	147,202	2.13	2
Enarj Enawga	31,408	25,167	55,070	1.75	830,405	5.46	4
Enemay	26,307	23,526	55,273	2.10	1,223,837	8.76	6
Debay Telatgen	24,182	16,212	39,360	1.63	384,321	3.91	6
Machakel	38,432	30,149	74,447	1.94	595,506	2.94	4
Guzamn	42,814	36,016	114,369	2.67	1,351,250	3.42	5
Baso Liben	26,092	23,798	56,529	2.17	424,117	2.81	5
Awabel	32,111	23,810	40,628	1.27	452,556	5.25	3
Dejen	20,267	14,397	22,323	1.10	266,468	7.01	4
Shebel Berenta	19,419	12,517	24,897	1.28	390,363	7.76	5
West Gojam Zone	371,763	341,949	1,110,660	2.99	9,497,079	2.57	6
Achefer	47,990	46,393	156,604	3.26	1,218,847	2.29	6
Bahir Dar Zuria	44,777	40,692	141,497	3.16	2,233,925	4.64	6
Yilman Densa	53,378	52,410	189,530	3.55	1,346,489	1.89	5
Merawi	47,811	42,857	147,460	3.08	1,144,845	2.20	6
Sekela	25,751	25,055	69,905	2.71	302,779	1.54	4
Kuarit	30,012	28,300	92,146	3.07	451,131	1.45	4
Dega Damot	28,781	20,542	54,697	1.90	336,424	2.31	5
Dembecha	21,896	20,239	61,391	2.80	735,369	3.87	8
Jabi Tehnan	35,596	33,797	103,232	2.90	751,725	2.40	5
Bure Wemberma	35,772	31,663	94,199	2.63	975,545	3.25	6
Waghamra Zone	75,654	53,196	130,142	1.72	738,900	2.29	3
Zikuala	13,305	8,672	23,290	1.75	173,759	2.61	3
Sekota	33,740	20,894	50,200	1.49	288,946	2.42	3
Dehana	28,610	23,630	56,652	1.98	276,195	2.04	3
Awi Zone	152,723	127,643	382,077	2.50	2,460,344	2.12	5
Dangela	33,997	28,214	86,602	2.55	739,373	2.70	5
Banja	25,927	23,368	61,314	2.36	365,019	2.24	4
Ankesha	38,056	36,638	114,978	3.02	724,978	2.00	4
Guangua	31,273	16,513	55,445	1.77	233,465	1.22	4
Faggeta Lekoma	23,471	22,909	63,738	2.72	397,509	2.23	5
Oromia Zone	72,663	15,400	23,538	0.32	113,609	3.38	2
Chefe Golana Dawe Rahimedo	30,075	8,110	12,304	0.41	52,521	2.94	2
Bati	16,309	3,698	6,249	0.38	28,520	2.87	2
Jile Tsumiga	11,838	1,524	2,309	0.20	14,151	4.65	5
Artuma Fursi	14,442	2,069	2,676	0.19	18,417	5.50	*

TABLE 8.32A: - Number of Holders Reporting 'Gottera' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottera', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gotteras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottera' (Birr)	Average Storage Capacity of 'Gottera' (Quintal)
Amhara Region	2,989,354	1,030,710	1,970,926	0.66	25,645,365	6.89	8
North Gonder Zone	426,798	139,155	241,387	0.57	3,676,000	8.64	9
Addi Arkay	23,992	10,206	27,280	1.14	514,615	6.88	5
Beyeda	17,537	3,475	7,745	0.44	102,991	5.96	5
Janamora	29,184	4,229	8,806	0.30	102,950	6.28	*
Debark	21,492	1,787	2,487	0.12	47,772	13.18	6
Dabat	24,578	2,896	4,527	0.18	87,610	11.98	6
Sanja	24,523	17,860	36,145	1.47	698,700	9.48	6
Lay Armacheho	24,975	2,734	3,220	0.13	61,884	17.26	6
Wegera	37,057	7,419	14,630	0.39	274,466	9.55	7
Gondar Zuria	38,957	9,874	14,085	0.36	223,290	11.61	7
Dembia	41,272	1,789	*	*	*	*	6
Chilga	32,286	14,524	22,670	0.70	222,801	6.14	9
Metema	10,152	7,960	10,319	1.02	220,353	16.50	16
Quara	9,401	7,409	9,602	1.02	122,023	10.06	15
Alefa	46,244	14,703	19,781	0.43	211,389	7.82	9
Belesa	45,148	32,290	56,771	1.26	713,073	7.21	7
South Gonder Zone	374,252	101,575	205,993	0.55	1,688,866	4.14	6
Ebenat	41,969	24,824	45,737	1.09	318,785	3.82	7
Kemekem	30,786	16,778	30,092	0.98	319,319	5.88	6
Fogera	40,393	8,295	13,881	0.34	135,336	6.71	6
Farta	47,634	13,915	23,470	0.49	168,165	4.24	6
Lay Gayint	39,303	8,011	*	*	*	*	5
Tach Gayint	20,270	5,638	8,788	0.43	60,292	4.33	7
Simada	47,033	12,931	21,802	0.46	144,574	3.82	7
Estie	63,489	*	*	*	*	*	*
Dera	43,376	8,540	26,298	0.61	284,721	3.43	5
North Wollo Zone	307,669	90,606	183,952	0.60	2,140,463	7.37	7
Bugna	46,716	19,791	49,094	1.05	399,028	3.72	7
Kobo	41,472	17,703	22,677	0.55	546,958	18.71	10
Gidan	34,560	9,679	13,483	0.39	125,821	7.04	8
Meket	48,107	12,394	50,144	1.04	330,362	2.35	5
Wadala	26,661	2,674	4,276	0.16	44,421	6.68	8
Dawutna Delanta	35,910	7,230	14,936	0.42	170,461	5.60	7
Guba Lafto	35,600	14,102	20,688	0.58	252,448	8.93	6
Habru	38,645	7,034	8,654	0.22	270,965	27.71	6
South Wollo Zone	491,860	231,958	439,536	0.89	5,217,073	6.29	7
Mekdela	30,731	5,188	14,534	0.47	97,493	2.98	4
Tenta	35,460	6,086	11,085	0.31	138,030	6.96	8
Kutaber	21,652	13,447	31,904	1.47	477,471	6.50	7
Ambasel	26,365	18,727	36,201	1.37	425,702	6.16	5
Tehuledere	23,671	7,262	11,981	0.51	146,502	7.03	4
Werebabu	21,260	9,679	17,031	0.80	207,297	6.88	5
Kalu	39,177	15,032	26,239	0.67	540,151	8.51	6
Dessie Zuria	64,934	24,991	49,320	0.76	428,746	4.90	4
Legambo	35,598	7,111	9,875	0.28	91,746	6.55	7
Sayint	44,853	27,267	60,471	1.35	422,369	3.03	6
Debresina	36,673	24,971	38,058	1.04	318,929	7.20	7
Kelala	29,924	24,707	49,895	1.67	764,564	7.28	9
Jama	25,068	15,728	28,063	1.12	333,497	6.55	9
Were Ilu	29,715	9,645	15,348	0.52	201,137	8.46	7
Wegde	26,779	22,116	39,532	1.48	623,440	8.80	9
North Shewa (Amhara) Zone	338,763	228,260	479,512	1.42	7,448,901	6.97	8
Middana Weremo	16,652	14,955	27,274	1.64	277,505	5.45	12
Merhabete	23,035	21,472	47,830	2.08	538,797	4.76	11
Insarona Wayu	24,523	18,934	40,371	1.65	751,096	9.09	10
Moretna Jiru	17,289	16,048	38,623	2.23	561,297	5.95	9

TABLE 8.32A: - Number of Holders Reporting 'Gottera' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottera', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gotteras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottera' (Birr)	Average Storage Capacity of 'Gottera' (Quintal)
North Shewa (Amhara) Zone							
Gera Keya	27,268	15,408	29,227	1.07	287,828	5.46	8
Geshe	11,701	8,491	18,180	1.55	137,122	3.54	6
Antsokiya Gemza	12,985	7,595	11,444	0.88	140,168	8.12	7
Efratana Gidim	18,721	7,117	10,030	0.54	127,421	9.18	7
Lalo Midir	23,780	17,497	36,076	1.52	363,003	4.87	6
Mojana Wadera	14,989	10,707	28,069	1.87	192,128	2.56	6
Tarma Ber	17,150	9,389	13,876	0.81	142,768	7.04	6
Kewet	20,399	10,138	15,853	0.78	205,574	8.39	7
Asagirt	9,625	5,969	10,341	1.07	132,794	7.65	6
Angolelana Tera	14,930	5,333	7,961	0.53	147,952	13.29	9
Ankober	15,834	10,651	19,335	1.22	199,747	5.62	5
Hagere Mariam	10,654	8,277	21,134	1.98	326,225	5.97	8
Berehet	5,414	4,710	11,690	2.16	215,915	7.35	8
Minjarna Shenkora	22,920	17,377	49,122	2.14	2,263,735	15.93	14
Basona Werana	30,894	18,192	43,079	1.39	437,826	4.53	6
East Gojam Zone	377,208	123,484	229,140	0.61	2,913,933	6.63	8
Bibugn	20,380	4,975	7,804	0.38	31,902	2.87	6
Hulet Ej Enese	42,922	18,065	40,929	0.95	368,745	3.88	7
Goncha Siso Enese	26,631	14,568	26,313	0.99	216,724	4.40	9
Enbise Sar Midir	26,244	21,449	35,950	1.37	308,896	5.14	7
Enarj Enawga	31,408	12,389	21,655	0.69	319,923	9.01	7
Enemay	26,307	*	*	*	*	*	*
Debay Telatgen	24,182	*	*	*	*	*	*
Machakel	38,432	4,958	6,066	0.16	46,293	6.10	10
Guzamn	42,814	3,674	*	*	*	*	6
Baso Liben	26,092	10,191	19,483	0.75	301,164	6.63	8
Awabel	32,111	11,833	23,877	0.74	378,660	7.83	8
Dejen	20,267	10,995	20,316	1.00	565,787	14.24	8
Shebel Berenta	19,419	5,903	8,374	0.43	140,693	11.46	9
West Gojam Zone	371,763	26,242	47,847	0.13	610,847	7.21	11
Achefer	47,990	1,751	3,125	0.07	31,076	5.64	10
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	*	*	*	*	*	*
Kuarit	30,012	*	*	*	3,448	*	*
Dega Damot	28,781	2,567	*	*	*	*	*
Dembecha	21,896	4,952	6,613	0.30	38,005	*	6
Jabi Tehnan	35,596	3,672	4,684	0.13	99,396	11.79	16
Bure Wemberma	35,772	5,720	14,596	0.41	43,414	7.88	8
Waghamra Zone	75,654	43,077	71,233	0.94	251,525	7.22	13
Zikuala	13,305	7,851	15,215	1.14	1,104,513	9.86	9
Sekota	33,740	19,462	29,107	0.86	214,750	6.91	7
Dehana	28,610	15,764	26,912	0.94	533,242	13.02	10
Awi Zone	152,723	27,305	49,668	0.33	356,522	8.11	8
Dangela	33,997	10,073	16,785	0.49	427,107	4.86	8
Banja	25,927	*	*	*	147,100	5.51	11
Ankesha	38,056	*	*	*	*	*	*
Guangua	31,273	15,748	30,997	0.99	*	*	*
Faggeta Lekoma	23,471	125	*	*	264,186	4.40	6
Oromia Zone	72,663	19,048	22,658	0.31	*	*	7
Chefe Golana Dawe Rahimedo	30,075	12,224	14,512	0.48	417,661	16.08	8
Bati	16,309	1,828	2,491	0.15	266,434	16.00	8
Jile Tsumiga	11,838	2,602	2,963	0.25	25,805	7.75	4
Artuma Fursi	14,442	2,395	2,692	0.19	69,454	20.84	9
					55,968	19.00	9

TABLE 8.33A: - Number of Holders Reporting 'Gudguad' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gudguad', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gudguads' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gudguad' (Birr)	Average Storage Capacity of 'Gudguad' (Quintal)
Amhara Region	2,989,354	324,494	414,314	0.14	8,873,563	17.55	10
North Gonder Zone	426,798	10,580	18,520	0.04	219,323	6.82	6
Addi Arkay	23,992	321	858	0.04	16,317	5.84	*
Beyeda	17,537	5,588	8,385	0.48	104,172	8.33	7
Janamora	29,184	2,724	5,082	0.17	58,041	6.31	6
Debark	21,492	*	*	*	*	*	*
Dabat	24,578	*	*	*	*	*	*
Sanja	24,523	*	*	*	*	*	*
Lay Armacheho	24,975	*	428	*	*	*	*
Wegera	37,057	*	*	*	*	*	*
Gondar Zuria	38,957	278	651	0.02	3,377	2.16	*
Dembia	41,272	*	*	*	*	*	*
Chilga	32,286	*	*	*	*	*	*
Metema	10,152	-	-	-	-	-	-
Quara	9,401	-	-	-	-	-	-
Alefa	46,244	306	977	0.02	*	1.37	*
Belesa	45,148	-	-	-	-	-	-
South Gonder Zone	374,252	7,621	12,342	0.03	161,473	9.08	10
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	*	*	*	*	*	*
Fogera	40,393	399	986	0.02	*	1.70	5
Farta	47,634	*	5,024	*	*	*	*
Lay Gayint	39,303	2,469	4,603	0.12	*	*	*
Tach Gayint	20,270	*	*	*	*	*	*
Simada	47,033	*	*	*	*	*	*
Estie	63,489	*	*	*	*	*	*
Dera	43,376	325	*	*	*	*	*
North Wollo Zone	307,669	77,644	100,711	0.33	2,119,075	16.66	11
Bugna	46,716	*	*	*	*	*	*
Kobo	41,472	23,626	26,776	0.65	446,411	14.78	10
Gidan	34,560	721	1,004	0.03	*	*	*
Meket	48,107	7,162	13,490	0.28	231,687	9.64	11
Wadala	26,661	7,280	12,696	0.48	204,246	9.59	12
Dawutna Delanta	35,910	3,919	6,797	0.19	140,965	12.30	15
Guba Lafto	35,600	11,429	13,255	0.37	350,162	22.40	11
Habru	38,645	21,960	24,720	0.64	700,164	24.88	11
South Wollo Zone	491,860	101,844	126,156	0.26	2,488,664	16.68	10
Mekdela	30,731	*	*	*	*	*	*
Tenta	35,460	1,295	1,744	0.05	*	*	12
Kutaber	21,652	296	784	0.04	14,309	*	*
Ambasel	26,365	4,959	5,636	0.21	78,366	12.18	8
Tehuledere	23,671	12,089	13,494	0.57	187,853	12.76	9
Werebabu	21,260	12,653	14,555	0.68	493,377	32.10	13
Kalu	39,177	27,928	31,627	0.81	774,269	21.63	10
Dessie Zuria	64,934	11,455	16,415	0.25	352,342	15.90	10
Legambo	35,598	6,650	8,667	0.24	99,566	9.05	12
Sayint	44,853	5,064	7,277	0.16	*	7.59	11
Debresina	36,673	5,564	7,911	0.22	123,522	10.69	9
Kelala	29,924	*	*	*	*	*	*
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	3,329	5,225	0.18	85,496	11.34	10
Wegde	26,779	8,574	10,671	0.40	141,882	11.17	10
North Shewa (Amhara) Zone	338,763	45,029	53,511	0.16	1,518,189	23.26	11
Middana Weremo	16,652	189	*	*	*	*	*
Merhabete	23,035	*	*	*	*	*	*
Insarona Wayu	24,523	-	-	-	-	-	-
Moretna Jiru	17,289	*	*	*	*	*	*

TABLE 8.33A: - Number of Holders Reporting 'Gudguad' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gudguad', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gudguads' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gudguad' (Birr)	Average Storage Capacity of 'Gudguad' (Quintal)
North Shewa (Amhara) Zone							
Gera Keya	27,268	*	*	*	*	*	*
Geshe	11,701	*	*	*	*	*	*
Antsokiya Gemza	12,985	1,976	2,391	0.18	33,019	11.62	9
Efratana Gidim	18,721	6,353	7,059	0.38	129,368	15.59	12
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	*	*	*	*	*	-
Tarma Ber	17,150	6,800	8,099	0.47	224,298	24.98	10
Kewet	20,399	10,205	12,034	0.59	342,079	24.26	13
Asagirt	9,625	3,583	4,000	0.42	77,395	17.03	7
Angolelana Tera	14,930	*	*	*	*	*	*
Ankober	15,834	7,018	8,124	0.51	172,103	18.23	7
Hagere Mariam	10,654	336	358	0.03	11,344	30.77	8
Berehet	5,414	3,609	4,389	0.81	263,685	48.15	12
Minjarna Shenkora	22,920	3,269	4,529	0.20	234,401	33.59	18
Basona Werana	30,894	*	*	*	*	*	*
East Gojam Zone	377,208	29,918	40,543	0.11	770,766	14.41	9
Bibugn	20,380	311	822	0.04	3,769	1.75	4
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	6,944	9,534	0.36	187,590	14.53	10
Enarj Enawga	31,408	5,870	7,820	0.25	168,396	16.40	9
Enemay	26,307	2,226	2,982	0.11	69,677	17.93	9
Debay Telatgen	24,182	*	1,895	*	16,404	5.14	*
Machakel	38,432	314	*	*	*	*	*
Guzamn	42,814	1,334	1,842	0.04	10,545	*	6
Baso Liben	26,092	*	*	*	*	*	*
Awabel	32,111	*	*	*	*	*	*
Dejen	20,267	5,855	7,439	0.37	208,496	22.17	11
Shebel Berenta	19,419	1,700	1,857	0.10	28,582	12.16	*
West Gojam Zone	371,763	1,986	6,396	0.02	48,051	1.95	5
Achefer	47,990	*	*	*	*	*	*
Bahir Dar Zuria	44,777	*	*	*	*	*	*
Yilman Densa	53,378	*	*	*	*	*	*
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	216	511	0.02	2,258	1.76	4
Kuarit	30,012	*	*	*	*	*	*
Dega Damot	28,781	181	*	*	*	*	4
Dembecha	21,896	*	*	*	*	*	*
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	220	*	*	*	*	*
Waghamra Zone	75,654	*	*	*	*	*	*
Zikuala	13,305	*	*	*	*	*	*
Sekota	33,740	*	*	*	*	*	*
Dehana	28,610	*	*	*	*	*	*
Awi Zone	152,723	824	1,428	0.01	7,124	2.33	3
Dangela	33,997	*	*	*	*	*	*
Banja	25,927	*	*	*	*	*	*
Ankesha	38,056	*	*	*	*	*	*
Guangua	31,273	-	-	-	-	-	-
Faggeta Lekoma	23,471	*	*	*	*	*	*
Oromia Zone	72,663	48,035	53,167	0.73	1,517,019	26.17	12
Chefe Golana Dawe Rahimedo	30,075	19,004	20,980	0.70	554,953	24.35	12
Bati	16,309	12,502	13,726	0.84	539,562	35.36	13
Jile Tsumiga	11,838	7,514	7,852	0.66	206,022	24.93	12
Artuma Fursi	14,442	9,015	10,610	0.73	216,482	18.80	12

TABLE 8. 34A - Number of Holders Reporting Modern Storage Facilities Owned, Quantity Reported, Replacement Value and Storage Capacity of Modern Storage, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Modern Storages Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Modern Storage (Birr)	Average Storage Capacity of Modern Storage (Quintal)
Amhara Region	2,989,354	5,208	10,119	0.00	780,725	63.15	17
North Gonder Zone	426,798	1,138	2,686	0.01	56,992	9.63	*
Addi Arkay	23,992	*	*	*	*	*	*
Beyeda	17,537	-	-	-	-	-	-
Janamora	29,184	-	-	-	-	-	-
Debark	21,492	-	-	-	-	-	-
Dabat	24,578	-	-	-	-	-	-
Sanja	24,523	240	*	*	*	*	*
Lay Armacheho	24,975	-	-	-	-	-	-
Wegera	37,057	*	*	*	*	*	*
Gondar Zuria	38,957	*	*	*	*	*	*
Dembia	41,272	*	*	*	*	*	*
Chilga	32,286	*	*	*	*	*	*
Metema	10,152	170	212	0.02	*	*	*
Quara	9,401	-	-	-	-	-	-
Alefa	46,244	-	-	-	-	-	-
Belesa	45,148	*	*	*	*	*	*
South Gonder Zone	374,252	804	1,878	0.01	15,889	3.24	6
Ebenat	41,969	*	*	*	*	*	*
Kemekem	30,786	*	*	*	*	*	*
Fogera	40,393	-	-	-	-	-	-
Farta	47,634	*	*	*	*	*	*
Lay Gayint	39,303	*	*	*	*	*	*
Tach Gayint	20,270	-	-	-	-	-	-
Simada	47,033	*	*	*	*	*	*
Estie	63,489	-	-	-	-	-	-
Dera	43,376	*	*	*	*	*	*
North Wollo Zone	307,669	*	*	*	*	*	*
Bugna	46,716	*	*	*	*	*	*
Kobo	41,472	*	*	*	*	*	*
Gidan	34,560	-	-	-	-	-	-
Meket	48,107	-	-	-	-	-	-
Wadala	26,661	*	*	*	*	*	*
Dawutna Delanta	35,910	-	-	-	-	-	-
Guba Lafto	35,600	-	-	-	-	-	-
Habru	38,645	-	-	-	-	-	-
South Wollo Zone	491,860	531	1,066	0.00	13,110	6.39	10
Mekdela	30,731	-	-	-	-	-	-
Tenta	35,460	-	-	-	-	-	-
Kutaber	21,652	-	-	-	-	-	-
Ambasel	26,365	*	*	*	*	*	*
Tehuledere	23,671	-	-	-	-	-	-
Werebabu	21,260	-	-	-	-	-	-
Kalu	39,177	*	*	*	*	*	*
Dessie Zuria	64,934	-	-	-	-	-	-
Legambo	35,598	*	*	*	*	*	*
Sayint	44,853	*	*	*	*	*	*
Debresina	36,673	*	*	*	*	*	*
Kelala	29,924	*	*	*	*	*	*
Jama	25,068	-	-	-	-	-	-
Were Ilu	29,715	*	*	*	*	*	*
Wegde	26,779	*	*	*	*	*	*
North Shewa (Amhara) Zone	338,763	738	1,319	0.00	*	*	*
Middana Weremo	16,652	-	-	-	-	-	-
Merhabete	23,035	*	*	*	*	*	*
Insarona Wayu	24,523	*	*	*	*	*	*
Moretna Jiru	17,289	*	*	*	*	*	*

TABLE 8. 34A - Number of Holders Reporting Modern Storage Facilities Owned, Quantity Reported, Replacement Value and Storage Capacity of Modern Storage, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Modern Storages Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Modern Storage (Birr)	Average Storage Capacity of Modern Storage (Quintal)
North Shewa (Amhara) Zone							
Gera Keya	27,268	-	-	-	-	-	-
Geshe	11,701	60	*	*	*	*	*
Antsokiya Gemza	12,985	*	*	*	*	*	*
Efratana Gidim	18,721	*	*	*	*	*	*
Lalo Midir	23,780	*	*	*	*	*	*
Mojana Wadera	14,989	*	*	*	*	*	*
Tarma Ber	17,150	*	*	*	*	*	*
Kewet	20,399	-	-	-	-	-	-
Asagirt	9,625	*	*	*	*	*	*
Angolelana Tera	14,930	-	-	-	-	-	-
Ankober	15,834	*	*	*	*	*	*
Hagere Mariam	10,654	*	*	*	*	*	*
Berehet	5,414	-	-	-	-	-	-
Minjarna Shenkora	22,920	*	588	*	*	*	*
Basona Werana	30,894	-	-	-	-	-	-
East Gojam Zone	377,208	731	1,207	0.00	*	*	6
Bibugn	20,380	*	*	*	*	*	*
Hulet Ej Enese	42,922	*	*	*	*	*	*
Goncha Siso Enese	26,631	*	*	*	*	*	*
Enbise Sar Midir	26,244	*	240	*	*	*	*
Enarj Enawga	31,408	*	*	*	*	*	*
Enemay	26,307	*	*	*	*	*	*
Debay Telatgen	24,182	-	-	-	-	-	-
Machakel	38,432	-	-	-	-	-	-
Guzamn	42,814	-	-	-	-	-	-
Baso Liben	26,092	-	-	-	-	-	-
Awabel	32,111	-	-	-	-	-	-
Dejen	20,267	*	*	*	*	*	*
Shebel Berenta	19,419	*	*	*	*	*	*
West Gojam Zone	371,763	*	*	*	*	*	*
Achefer	47,990	-	-	-	-	-	-
Bahir Dar Zuria	44,777	-	-	-	-	-	-
Yilman Densa	53,378	-	-	-	-	-	-
Merawi	47,811	*	*	*	*	*	*
Sekela	25,751	-	-	-	-	-	-
Kuarit	30,012	-	-	-	-	-	-
Dega Damot	28,781	-	-	-	-	-	-
Dembecha	21,896	*	*	*	*	*	*
Jabi Tehnan	35,596	*	*	*	*	*	*
Bure Wemberma	35,772	*	*	*	*	*	*
Waghamra Zone	75,654	78	121	0.00	963	5.71	*
Zikuala	13,305	78	121	0.01	963	5.71	*
Sekota	33,740	-	-	-	-	-	-
Dehana	28,610	-	-	-	-	-	-
Awi Zone	152,723	456	918	0.01	*	*	6
Dangela	33,997	*	*	*	*	*	*
Banja	25,927	-	-	-	-	-	-
Ankesha	38,056	*	*	*	*	*	*
Guangua	31,273	*	*	*	*	*	*
Faggeta Lekoma	23,471	-	-	-	-	-	-
Oromia Zone	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo	30,075	-	-	-	-	-	-
Bati	16,309	*	*	*	*	*	*
Jile Tsumiga	11,838	*	*	*	*	*	*
Artuma Fursi	14,442	*	*	*	*	*	*

STATISTICAL TABLES PRESENTING THE CENSUS RESULTS AT ZONAL AND WOREDA LEVELS

Tables 8.1B- 8.33B.

Table 8.1B:- Number of Crop Holders that Owned Axe by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Axe		One Axe		Two Axes		Three Axes		Four Axes		Five and above Axes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	472,143	15.79	1,131,142	37.84	966,695	32.34	306,744	10.26	80,707	2.70	31,923	1.07
North Gonder Zone	96,373	22.58	176,067	41.25	111,984	26.24	31,448	7.37	8,184	1.92	2,742	0.64
Addi Arkay	6,268	26.13	12,968	54.05	4,021	16.76	642	2.68	93	0.39	-	-
Beyeda	7,685	43.82	7,650	43.62	1,845	10.52	267	1.52	44	0.25	46	0.26
Janamora	12,549	43.00	11,986	41.07	4,088	14.01	487	1.67	36	0.12	38	0.13
Debark	7,039	32.75	9,868	45.91	4,142	19.27	403	1.88	40	0.19	-	-
Dabat	6,567	26.72	11,257	45.80	5,543	22.55	964	3.92	198	0.81	49	0.20
Sanja	1,740	7.10	13,802	56.28	7,156	29.18	1,588	6.48	71	0.29	166	0.68
Lay Armachcho	3,947	15.80	10,357	41.47	8,032	32.16	2,097	8.40	381	1.53	161	0.64
Wegera	9,984	26.94	15,200	41.02	9,464	25.54	1,888	5.09	473	1.28	48	0.13
Gondar Zuria	5,941	15.25	14,795	37.98	12,129	31.13	4,414	11.33	1,369	3.51	309	0.79
Dembia	12,754	30.90	17,479	42.35	8,740	21.18	1,698	4.11	562	1.36	39	0.09
Chilga	5,220	16.17	11,473	35.54	10,749	33.29	3,437	10.65	1,100	3.41	307	0.95
Metema	535	5.27	4,132	40.70	3,374	33.23	1,142	11.25	499	4.92	470	4.63
Quara	586	6.23	4,349	46.26	3,050	32.44	1,052	11.19	273	2.90	91	0.97
Alefa	9,736	21.05	18,433	39.86	13,487	29.16	3,743	8.09	672	1.45	173	0.37
Belesa	5,828	12.91	12,318	27.28	16,163	35.80	7,625	16.89	2,370	5.25	844	1.87
South Gonder Zone	71,162	19.01	148,017	39.55	109,916	29.37	35,337	9.44	7,501	2.00	2,319	0.62
Ebenat	6,924	16.50	14,951	35.62	14,570	34.72	4,453	10.61	736	1.75	335	0.80
Kemekem	5,913	19.21	10,275	33.38	10,080	32.74	3,337	10.84	852	2.77	329	1.07
Fogera	9,990	24.73	13,566	33.59	11,917	29.50	3,808	9.43	947	2.34	165	0.41
Farta	6,223	13.06	20,914	43.91	14,635	30.72	4,502	9.45	1,075	2.26	285	0.60
Lay Gayint	12,261	31.20	19,651	50.00	6,127	15.59	985	2.51	225	0.57	54	0.14
Tach Gayint	3,799	18.74	8,408	41.48	5,868	28.95	1,654	8.16	348	1.72	193	0.95
Simada	8,582	18.25	22,105	47.00	12,031	25.58	3,501	7.44	531	1.13	283	0.60
Estie	11,060	17.42	22,823	35.95	20,869	32.87	7,417	11.68	1,163	1.83	157	0.25
Dera	6,408	14.77	15,325	35.33	13,820	31.86	5,680	13.09	1,625	3.75	518	1.19
North Wollo Zone	48,603	15.80	114,983	37.37	99,664	32.39	33,132	10.77	8,538	2.78	2,749	0.89
Bugna	7,901	16.91	19,177	41.05	14,098	30.18	4,156	8.90	1,107	2.37	277	0.59
Kobo	4,856	11.71	13,607	32.81	14,214	34.27	6,885	16.60	1,462	3.53	448	1.08
Gidan	9,784	28.31	14,540	42.07	7,557	21.87	2,459	7.12	139	0.40	81	0.23
Meket	6,448	13.40	16,917	35.17	17,347	36.06	5,294	11.00	1,546	3.21	555	1.15
Wadala	4,549	17.06	10,604	39.77	9,380	35.18	1,639	6.15	392	1.47	97	0.36
Dawutna Delanta	7,150	19.91	13,746	38.28	10,491	29.21	3,350	9.33	857	2.39	316	0.88
Guba Lafto	4,194	11.78	13,182	37.03	12,698	35.67	3,854	10.83	1,450	4.07	222	0.62
Habru	3,720	9.63	13,211	34.19	13,879	35.91	5,495	14.22	1,586	4.10	754	1.95
South Wollo Zone	52,789	10.73	182,365	37.08	170,176	34.60	63,093	12.83	16,537	3.36	6,900	1.40
Mekdela	3,648	11.87	13,870	45.13	10,055	32.72	2,681	8.72	448	1.46	29	0.09
Tenta	4,347	12.26	16,631	46.90	10,657	30.05	2,701	7.62	717	2.02	407	1.15
Kutaber	1,006	4.65	5,437	25.11	8,520	39.35	4,083	18.86	1,814	8.38	792	3.66
Ambasel	1,362	5.17	7,370	27.95	10,029	38.04	5,344	20.27	1,609	6.10	651	2.47
Tehuledere	1,257	5.31	8,237	34.80	9,126	38.55	3,572	15.09	1,011	4.27	468	1.98
Werebabu	1,134	5.33	4,537	21.34	8,870	41.72	4,618	21.72	1,274	5.99	827	3.89
Kalu	2,004	5.12	10,691	27.29	15,103	38.55	7,376	18.83	2,243	5.73	1,760	4.49
Dessie Zuria	6,556	10.10	20,606	31.73	23,032	35.47	10,653	16.41	2,978	4.59	1,109	1.71
Legambo	7,200	20.23	17,642	49.56	8,636	24.26	1,894	5.32	226	0.63	-	-
Sayint	2,512	5.60	19,446	43.35	16,421	36.61	5,072	11.31	1,189	2.65	213	0.47
Debresina	5,317	14.50	13,647	37.21	13,593	37.07	2,936	8.01	995	2.71	185	0.50
Kelala	2,588	8.65	10,892	36.40	11,382	38.04	4,144	13.85	755	2.52	163	0.54
Jama	4,847	19.34	11,588	46.23	6,601	26.33	1,686	6.73	261	1.04	85	0.34
Were Ilu	5,945	20.01	12,841	43.21	8,031	27.03	2,436	8.20	349	1.17	113	0.38
Wegde	3,067	11.45	8,930	33.35	10,119	37.79	3,897	14.55	667	2.49	99	0.37
North Shewa (Amhara) Zone	47,473	14.01	109,573	32.35	125,483	37.04	41,359	12.21	10,907	3.22	3,968	1.17
Middana Weremo	1,232	7.40	5,140	30.87	6,366	38.23	2,945	17.69	734	4.41	235	1.41
Merhabete	1,380	5.99	6,060	26.31	9,225	40.05	4,474	19.42	1,316	5.71	580	2.52
Insarona Wayu	4,916	20.05	8,558	34.90	7,706	31.42	1,992	8.12	954	3.89	397	1.62
Moretna Jiru	2,186	12.64	6,111	35.35	6,574	38.02	1,982	11.46	370	2.14	66	0.38

Table 8.1B:- Number of Crop Holders that Owned Axe by Geographic Area.. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Axe		One Axe		Two Axes		Three Axes		Four Axes		Five and above Axes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	4,441	16.29	11,073	40.61	9,524	34.93	1,848	6.78	382	1.40	-	-
Geshe	1,483	12.67	3,887	33.22	4,559	38.96	1,434	12.26	260	2.22	78	0.67
Antsokiya Gemza	1,146	8.83	5,031	38.74	5,185	39.93	1,350	10.40	203	1.56	70	0.54
Efratana Gidim	1,973	10.54	6,459	34.50	7,747	41.38	2,078	11.10	362	1.93	102	0.54
Lalo Midir	3,898	16.39	9,297	39.10	8,923	37.52	1,300	5.47	303	1.27	59	0.25
Mojana Wadera	3,017	20.13	4,308	28.74	5,576	37.20	1,704	11.37	328	2.19	56	0.37
Tarma Ber	1,908	11.13	4,244	24.75	6,799	39.64	2,772	16.16	1,061	6.19	366	2.13
Kewet	2,252	11.04	6,276	30.77	7,246	35.52	3,443	16.88	832	4.08	350	1.72
Asagirt	1,176	12.22	3,016	31.34	3,489	36.25	1,368	14.21	362	3.76	214	2.22
Angolelana Tera	3,437	23.02	6,180	41.39	4,271	28.61	790	5.29	232	1.55	20	0.13
Ankober	1,316	8.31	4,244	26.80	6,569	41.49	2,786	17.60	685	4.33	234	1.48
Hagere Mariam	1,461	13.71	3,060	28.72	4,155	39.00	1,555	14.60	251	2.36	172	1.61
Berehet	358	6.61	1,333	24.62	2,382	44.00	912	16.85	350	6.46	79	1.46
Minjarna Shenkora	4,091	17.85	5,403	23.57	7,105	31.00	4,332	18.90	1,391	6.07	598	2.61
Basona Werana	5,802	18.78	9,894	32.03	12,084	39.11	2,295	7.43	528	1.71	291	0.94
East Gojam Zone	61,909	16.41	146,999	38.97	115,660	30.66	36,652	9.72	10,986	2.91	5,002	1.33
Bibugn	3,298	16.18	8,861	43.48	6,219	30.52	1,528	7.50	216	1.06	258	1.27
Hulet Ej Enese	8,098	18.87	17,140	39.93	11,265	26.25	4,172	9.72	1,433	3.34	814	1.90
Goncha Siso Enese	3,965	14.89	11,427	42.91	7,748	29.09	2,305	8.66	808	3.03	378	1.42
Enbise Sar Midir	3,812	14.53	10,449	39.81	9,038	34.44	2,419	9.22	458	1.75	68	0.26
Enarj Enawga	6,204	19.75	11,059	35.21	9,950	31.68	3,270	10.41	756	2.41	169	0.54
Enemay	6,290	23.91	9,563	36.35	7,412	28.18	2,478	9.42	456	1.73	108	0.41
Debay Telatgen	6,856	28.35	12,071	49.92	4,488	18.56	599	2.48	168	0.69	-	-
Machakel	2,213	5.76	11,064	28.79	14,171	36.87	6,935	18.04	2,417	6.29	1,632	4.25
Guzamn	6,468	15.11	17,394	40.63	12,799	29.89	4,223	9.86	1,496	3.49	434	1.01
Baso Liben	2,715	10.41	10,683	40.94	9,899	37.94	2,345	8.99	345	1.32	105	0.40
Awabel	6,404	19.94	12,799	39.86	8,462	26.35	2,721	8.47	1,120	3.49	605	1.88
Dejen	2,871	14.17	7,786	38.42	7,829	38.63	1,316	6.49	361	1.78	104	0.51
Shebel Berenta	2,716	13.99	6,705	34.53	6,379	32.85	2,342	12.06	951	4.90	326	1.68
West Gojam Zone	52,495	14.12	137,179	36.90	130,831	35.19	36,323	9.77	10,051	2.70	4,884	1.31
Achefer	5,932	12.36	19,641	40.93	17,916	37.33	3,476	7.24	911	1.90	114	0.24
Bahir Dar Zuria	6,649	14.85	11,234	25.09	16,142	36.05	7,457	16.65	2,247	5.02	1,048	2.34
Yilman Densa	9,349	17.51	18,452	34.57	18,686	35.01	4,628	8.67	1,326	2.48	937	1.76
Merawi	5,481	11.46	21,279	44.51	14,674	30.69	4,809	10.06	1,079	2.26	489	1.02
Sekela	4,139	16.07	9,532	37.02	8,530	33.12	2,293	8.90	805	3.13	452	1.76
Kuarit	6,222	20.73	13,733	45.76	9,094	30.30	852	2.84	73	0.24	38	0.13
Dega Damot	4,963	17.24	14,418	50.10	7,943	27.60	1,255	4.36	202	0.70	-	-
Dembecha	1,379	6.30	6,268	28.63	8,383	38.29	3,849	17.58	1,407	6.43	610	2.79
Jabi Tehnan	5,193	14.59	11,188	31.43	13,742	38.61	3,829	10.76	1,130	3.17	514	1.44
Bure Wemberma	3,192	8.92	11,433	31.96	15,721	43.95	3,874	10.83	871	2.43	681	1.90
Waghamra Zone	15,297	20.22	38,731	51.19	17,409	23.01	3,593	4.75	553	0.73	71	0.09
Zikuala.	1,931	14.51	7,329	55.08	3,094	23.25	667	5.01	213	1.60	71	0.53
Sekota	7,230	21.43	16,804	49.80	7,716	22.87	1,762	5.22	228	0.68	-	-
Dehana	6,136	21.45	14,598	51.02	6,600	23.07	1,164	4.07	112	0.39	-	-
Awi Zone	20,139	13.19	51,222	33.54	58,687	38.43	16,408	10.74	4,527	2.96	1,740	1.14
Dangela.	3,707	10.90	12,740	37.47	12,442	36.60	3,502	10.30	844	2.48	762	2.24
Banja	3,940	15.20	6,338	24.45	12,500	48.21	2,239	8.64	580	2.24	330	1.27
Ankesha	4,709	12.37	11,925	31.34	14,695	38.61	4,886	12.84	1,541	4.05	300	0.79
Guangua	4,081	13.05	12,154	38.86	9,874	31.57	3,736	11.95	1,110	3.55	318	1.02
Faggeta Lekoma	3,700	15.76	8,065	34.36	9,176	39.10	2,045	8.71	453	1.93	32	0.14
Oromia Zone	5,905	8.13	26,005	35.79	26,884	37.00	9,398	12.93	2,924	4.02	1,547	2.13
Chefe Golana Dawe Rahimedo	2,227	7.40	11,138	37.03	11,439	38.03	3,887	12.92	980	3.26	404	1.34
Bati	1,105	6.78	3,218	19.73	6,074	37.24	3,361	20.61	1,572	9.64	979	6.00
Jile Tsumiga	1,254	10.59	5,311	44.86	4,099	34.63	924	7.81	135	1.14	115	0.97
Artuma Fursi	1,321	9.15	6,337	43.88	5,273	36.51	1,226	8.49	237	1.64	48	0.33

Table 8.2B:- Number of Crop Holders that Owned 'Gejera' by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gejera'		One 'Gejera'		Two 'Gejeras'		Three 'Gejeras'		Four 'Gejeras'		Five and above 'Gejeras'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,821,140	94.37	155,764	5.21	11,428	0.38	540	0.02	119	0.00	363	0.01
North Gonder Zone	365,119	85.55	56,846	13.32	4,523	1.06	120	0.03	100	0.02	90	0.02
Addi Arkay	10,026	41.79	12,271	51.15	1,584	6.60	80	0.33	-	-	31	0.13
Beyeda	15,086	86.02	2,388	13.62	63	0.36	-	-	-	-	-	-
Janamora	27,142	93.00	1,967	6.74	75	0.26	-	-	-	-	-	-
Debark	15,710	73.10	5,132	23.88	623	2.90	27	0.13	-	-	-	-
Dabat	17,437	70.95	6,706	27.28	335	1.36	-	-	100	0.41	-	-
Sanja	19,586	79.87	4,420	18.02	458	1.87	-	-	-	-	59	0.24
Lay Armacheho	12,505	50.07	11,430	45.77	1,040	4.16	-	-	-	-	-	-
Wegera	33,468	90.31	3,537	9.54	52	0.14	-	-	-	-	-	-
Gondar Zuria	36,646	94.07	2,277	5.84	34	0.09	-	-	-	-	-	-
Dembia	39,590	95.92	1,626	3.94	56	0.14	-	-	-	-	-	-
Chilga	30,145	93.37	2,056	6.37	85	0.26	-	-	-	-	-	-
Metema	8,959	88.25	1,188	11.70	5	0.05	-	-	-	-	-	-
Quara	9,137	97.19	217	2.31	34	0.36	13	0.14	-	-	-	-
Alefa	45,727	98.88	438	0.95	79	0.17	-	-	-	-	-	-
Belesa	43,954	97.36	1,194	2.64	-	-	-	-	-	-	-	-
South Gonder Zone	367,496	98.19	6,106	1.63	534	0.14	-	-	-	-	116	0.03
Ebenat	41,649	99.24	320	0.76	-	-	-	-	-	-	-	-
Kemekem	29,690	96.44	1,096	3.56	-	-	-	-	-	-	-	-
Fogera	36,928	91.42	3,059	7.57	343	0.85	-	-	-	-	63	0.16
Farta	46,868	98.39	638	1.34	128	0.27	-	-	-	-	-	-
Lay Gayint	39,043	99.34	197	0.50	63	0.16	-	-	-	-	-	-
Tach Gayint	19,968	98.51	302	1.49	-	-	-	-	-	-	-	-
Simada	46,805	99.52	175	0.37	-	-	-	-	-	-	53	0.11
Estie	63,256	99.63	233	0.37	-	-	-	-	-	-	-	-
Dera	43,289	99.80	87	0.20	-	-	-	-	-	-	-	-
North Wollo Zone	289,879	94.22	16,828	5.47	962	0.31	-	-	-	-	-	-
Bugna	37,523	80.32	8,890	19.03	303	0.65	-	-	-	-	-	-
Kobo	37,281	89.89	4,013	9.68	178	0.43	-	-	-	-	-	-
Gidan	33,510	96.96	958	2.77	92	0.27	-	-	-	-	-	-
Meket	47,825	99.41	161	0.33	121	0.25	-	-	-	-	-	-
Wadala	26,310	98.68	320	1.20	31	0.12	-	-	-	-	-	-
Dawutna Delanta	35,243	98.14	667	1.86	-	-	-	-	-	-	-	-
Guba Lafto	34,749	97.61	799	2.24	52	0.15	-	-	-	-	-	-
Habru	37,440	96.88	1,020	2.64	185	0.48	-	-	-	-	-	-
South Wollo Zone	484,543	98.51	6,845	1.39	418	0.08	-	-	-	-	54	0.01
Mekdela	29,567	96.21	1,164	3.79	-	-	-	-	-	-	-	-
Tenta	34,436	97.11	1,024	2.89	-	-	-	-	-	-	-	-
Kutaber	21,046	97.20	555	2.56	23	0.11	-	-	-	-	28	0.13
Ambasel	26,072	98.89	293	1.11	-	-	-	-	-	-	-	-
Tehuledere	22,813	96.38	786	3.32	72	0.30	-	-	-	-	-	-
Werebabu	20,899	98.30	336	1.58	-	-	-	-	-	-	25	0.12
Kalu	38,491	98.25	581	1.48	105	0.27	-	-	-	-	-	-
Dessie Zuria	63,544	97.86	1,315	2.03	75	0.12	-	-	-	-	-	-
Legambo	35,382	99.39	174	0.49	42	0.12	-	-	-	-	-	-
Sayint	44,684	99.62	169	0.38	-	-	-	-	-	-	-	-
Debresina	36,579	99.74	94	0.26	-	-	-	-	-	-	-	-
Kelala	29,786	99.54	138	0.46	-	-	-	-	-	-	-	-
Jama	25,039	99.88	29	0.12	-	-	-	-	-	-	-	-
Were Ilu	29,455	99.13	188	0.63	72	0.24	-	-	-	-	-	-
Wegde	26,749	99.89	-	-	30	0.11	-	-	-	-	-	-
North Shewa (Amhara) Zone	335,965	99.17	2,629	0.78	144	0.04	25	0.01	-	-	-	-
Middana Weremo	16,632	99.88	20	0.12	-	-	-	-	-	-	-	-
Merhabete	23,005	99.87	30	0.13	-	-	-	-	-	-	-	-
Insarona Wayu	24,432	99.63	57	0.23	34	0.14	-	-	-	-	-	-
Moretna Jiru	17,269	99.88	20	0.12	-	-	-	-	-	-	-	-

Table 8.2B:- Number of Crop Holders that Owned 'Gejera' by Geographic Area.. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gejera'		One 'Gejera'		Two 'Gejeras'		Three 'Gejeras'		Four 'Gejeras'		Five and above 'Gejeras'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North. Shewa (Amhara) Zone												
Gera Keya	27,230	99.86	38	0.14	-	-	-	-	-	-	-	-
Geshe	11,668	99.72	33	0.28	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,513	96.37	454	3.50	18	0.14	-	-	-	-	-	-
Efratana Gidim	18,318	97.85	371	1.98	32	0.17	-	-	-	-	-	-
Lalo Midir	23,751	99.88	29	0.12	-	-	-	-	-	-	-	-
Mojana Wadera	14,951	99.75	38	0.25	-	-	-	-	-	-	-	-
Tarma Ber	17,012	99.20	138	0.80	-	-	-	-	-	-	-	-
Kewet	20,079	98.43	295	1.45	-	-	25	0.12	-	-	-	-
Asagirt	9,524	98.95	75	0.78	26	0.27	-	-	-	-	-	-
Angolelana Tera	14,816	99.24	96	0.64	18	0.12	-	-	-	-	-	-
Ankober	15,796	99.76	38	0.24	-	-	-	-	-	-	-	-
Hagere Mariam	10,487	98.43	167	1.57	-	-	-	-	-	-	-	-
Berehet	5,363	99.06	34	0.63	17	0.31	-	-	-	-	-	-
Minjarna Shenkora	22,437	97.89	483	2.11	-	-	-	-	-	-	-	-
Basona Werana	30,681	99.31	213	0.69	-	-	-	-	-	-	-	-
East Gojam Zone	373,705	99.07	3,097	0.82	381	0.10	25	0.01	-	-	-	-
Bibugn	19,984	98.06	371	1.82	-	-	25	0.12	-	-	-	-
Hulet Ej Enese	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese	26,293	98.73	261	0.98	77	0.29	-	-	-	-	-	-
Enbise Sar Midir	25,561	97.40	575	2.19	108	0.41	-	-	-	-	-	-
Enarj Enawga	31,297	99.65	111	0.35	-	-	-	-	-	-	-	-
Enemay	25,971	98.72	336	1.28	-	-	-	-	-	-	-	-
Debay Telatgen	24,049	99.45	133	0.55	-	-	-	-	-	-	-	-
Machakel	37,931	98.70	501	1.30	-	-	-	-	-	-	-	-
Guzamn	42,580	99.45	173	0.40	61	0.14	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	31,590	98.38	385	1.20	136	0.42	-	-	-	-	-	-
Dejen	20,097	99.16	170	0.84	-	-	-	-	-	-	-	-
Shebel Berenta	19,338	99.58	81	0.42	-	-	-	-	-	-	-	-
West Gojam Zone	364,517	98.05	6,759	1.82	421	0.11	-	-	-	-	66	0.02
Achefer	47,140	98.23	676	1.41	174	0.36	-	-	-	-	-	-
Bahir Dar Zuria	44,697	99.82	80	0.18	-	-	-	-	-	-	-	-
Yilman Densa	53,251	99.76	61	0.11	-	-	-	-	-	-	66	0.12
Merawi	46,604	97.48	1,126	2.36	81	0.17	-	-	-	-	-	-
Sekela	25,322	98.33	392	1.52	37	0.14	-	-	-	-	-	-
Kuarit	29,936	99.75	76	0.25	-	-	-	-	-	-	-	-
Dega Damot	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha	21,534	98.35	362	1.65	-	-	-	-	-	-	-	-
Jabi Tehnan	34,469	96.83	1,078	3.03	49	0.14	-	-	-	-	-	-
Bure Wemberma	32,784	91.65	2,908	8.13	80	0.22	-	-	-	-	-	-
Waghamra Zone	25,224	33.34	46,351	61.27	3,739	4.94	283	0.37	19	0.03	38	0.05
Zikuala.	5,277	39.66	6,912	51.95	776	5.83	283	2.13	19	0.14	38	0.29
Sekota	8,283	24.55	23,630	70.04	1,827	5.41	-	-	-	-	-	-
Dehana	11,665	40.77	15,809	55.26	1,136	3.97	-	-	-	-	-	-
Awi Zone	144,959	94.92	7,447	4.88	231	0.15	86	0.06	-	-	-	-
Dangela.	31,400	92.36	2,597	7.64	-	-	-	-	-	-	-	-
Banja	25,268	97.46	622	2.40	37	0.14	-	-	-	-	-	-
Ankesha	36,179	95.07	1,877	4.93	-	-	-	-	-	-	-	-
Guangua	29,197	93.36	1,827	5.84	163	0.52	86	0.27	-	-	-	-
Faggeta Lekoma	22,916	97.64	524	2.23	31	0.13	-	-	-	-	-	-
Oromia Zone	69,731	95.96	2,857	3.93	75	0.10	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	29,093	96.73	942	3.13	40	0.13	-	-	-	-	-	-
Bati	15,447	94.71	862	5.29	-	-	-	-	-	-	-	-
Jile Tsumiga	11,175	94.40	628	5.30	35	0.30	-	-	-	-	-	-
Artuma Fursi	14,017	97.06	425	2.94	-	-	-	-	-	-	-	-

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Shovel		One Shovel		Two Shovels		Three Shovels		Four Shovels		Five and above Shovels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,524,653	84.45	440,133	14.72	22,116	0.74	1,795	0.06	220	0.01	437	0.01
North Gonder Zone	374,897	87.84	49,610	11.62	2,174	0.51	117	0.03	-	-	-	-
Addi Arkay	16,834	70.17	6,813	28.40	345	1.44	-	-	-	-	-	-
Beyeda	14,064	80.20	3,361	19.17	112	0.64	-	-	-	-	-	-
Janamora	24,132	82.69	4,891	16.76	161	0.55	-	-	-	-	-	-
Debark	17,229	80.16	4,092	19.04	171	0.80	-	-	-	-	-	-
Dabat	22,105	89.94	2,473	10.06	-	-	-	-	-	-	-	-
Sanja	20,988	85.58	3,411	13.91	124	0.51	-	-	-	-	-	-
Lay Armacheho	21,020	84.16	3,651	14.62	304	1.22	-	-	-	-	-	-
Wegera	31,967	86.26	4,937	13.32	153	0.41	-	-	-	-	-	-
Gondar Zuria	34,462	88.46	4,395	11.28	45	0.12	55	0.14	-	-	-	-
Dembia	38,873	94.19	2,346	5.68	53	0.13	-	-	-	-	-	-
Chilga	29,524	91.45	2,563	7.94	199	0.62	-	-	-	-	-	-
Metema	8,765	86.34	1,344	13.24	43	0.42	-	-	-	-	-	-
Quara	9,103	96.83	298	3.17	-	-	-	-	-	-	-	-
Alefa	45,802	99.04	442	0.96	-	-	-	-	-	-	-	-
Belesa	40,033	88.67	4,591	10.17	462	1.02	62	0.14	-	-	-	-
South Gonder Zone	343,178	91.70	29,614	7.91	1,204	0.32	148	0.04	37	0.01	71	0.02
Ebenat	40,245	95.89	1,681	4.01	43	0.10	-	-	-	-	-	-
Kemekem	27,856	90.48	2,707	8.79	186	0.60	-	-	37	0.12	-	-
Fogera	38,549	95.43	1,844	4.57	-	-	-	-	-	-	-	-
Farta	41,200	86.49	5,814	12.21	471	0.99	78	0.16	-	-	71	0.15
Lay Gayint	32,567	82.86	6,489	16.51	200	0.51	47	0.12	-	-	-	-
Tach Gayint	16,879	83.27	3,263	16.10	105	0.52	23	0.11	-	-	-	-
Simada	43,457	92.40	3,576	7.60	-	-	-	-	-	-	-	-
Estie	60,854	95.85	2,563	4.04	72	0.11	-	-	-	-	-	-
Dera	41,571	95.84	1,678	3.87	127	0.29	-	-	-	-	-	-
North Wollo Zone	221,506	71.99	80,951	26.31	5,154	1.68	58	0.02	-	-	-	-
Bugna	34,912	74.73	10,184	21.80	1,620	3.47	-	-	-	-	-	-
Kobo	27,143	65.45	13,541	32.65	730	1.76	58	0.14	-	-	-	-
Gidan	27,032	78.22	7,111	20.58	417	1.21	-	-	-	-	-	-
Meket	40,288	83.75	7,244	15.06	575	1.20	-	-	-	-	-	-
Wadala	23,291	87.36	3,162	11.86	208	0.78	-	-	-	-	-	-
Dawutna Delanta	28,679	79.86	7,030	19.58	201	0.56	-	-	-	-	-	-
Guba Lafto	16,028	45.02	18,751	52.67	821	2.31	-	-	-	-	-	-
Habru	24,138	62.46	13,927	36.04	580	1.50	-	-	-	-	-	-
South Wollo Zone	381,184	77.50	102,406	20.82	7,247	1.47	800	0.16	100	0.02	123	0.03
Mekdela	28,011	91.15	2,571	8.37	149	0.48	-	-	-	-	-	-
Tenta	29,948	84.46	5,044	14.22	282	0.80	140	0.39	46	0.13	-	-
Kutaber	10,008	46.22	10,254	47.36	1,161	5.36	201	0.93	28	0.13	-	-
Ambasel	10,671	40.47	14,126	53.58	1,404	5.33	164	0.62	-	-	-	-
Tehuledere	14,402	60.84	8,493	35.88	712	3.01	64	0.27	-	-	-	-
Werebabu	11,525	54.21	9,201	43.28	508	2.39	-	-	26	0.12	-	-
Kalu	24,383	62.24	13,933	35.56	861	2.20	-	-	-	-	-	-
Dessie Zuria	46,273	71.26	16,862	25.97	1,649	2.54	75	0.12	-	-	75	0.12
Legambo	29,568	83.06	5,804	16.30	133	0.37	44	0.12	-	-	49	0.14
Sayint	42,759	95.33	2,040	4.55	54	0.12	-	-	-	-	-	-
Debresina	33,602	91.63	2,940	8.02	69	0.19	62	0.17	-	-	-	-
Kelala	27,357	91.42	2,494	8.33	73	0.24	-	-	-	-	-	-
Jama	23,498	93.74	1,570	6.26	-	-	-	-	-	-	-	-
Were Ilu	25,080	84.40	4,427	14.90	157	0.53	51	0.17	-	-	-	-
Wegde	24,097	89.98	2,648	9.89	34	0.13	-	-	-	-	-	-
North Shewa (Amhara) Zone	265,283	78.31	70,631	20.85	2,614	0.77	223	0.07	-	-	12	0.00
Middana Weremo	14,731	88.46	1,905	11.44	16	0.10	-	-	-	-	-	-
Merhabete	20,563	89.27	2,362	10.25	110	0.48	-	-	-	-	-	-
Insarona Wayu	22,921	93.47	1,513	6.17	89	0.36	-	-	-	-	-	-
Moretna Jiru	15,500	89.65	1,770	10.24	19	0.11	-	-	-	-	-	-

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Shovel		One Shovel		Two Shovels		Three Shovels		Four Shovels		Five and above Shovels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	23,319	85.52	3,882	14.24	67	0.25	-	-	-	-	-	-
Geshe	9,341	79.83	2,360	20.17	-	-	-	-	-	-	-	-
Antsokiya Gemza	10,960	84.41	1,876	14.45	133	1.02	16	0.12	-	-	-	-
Efratana Gidim	15,923	85.05	2,731	14.59	41	0.22	26	0.14	-	-	-	-
Lalo Midir	18,518	77.87	5,110	21.49	122	0.51	30	0.13	-	-	-	-
Mojana Wadera	11,405	76.09	3,472	23.16	38	0.25	74	0.49	-	-	-	-
Tarma Ber	12,549	73.17	4,507	26.28	94	0.55	-	-	-	-	-	-
Kewet	15,656	76.75	4,696	23.02	47	0.23	-	-	-	-	-	-
Asagirt	6,647	69.06	2,910	30.23	68	0.71	-	-	-	-	-	-
Angolelana Tera	9,942	66.59	4,797	32.13	191	1.28	-	-	-	-	-	-
Ankober	9,487	59.92	5,760	36.38	547	3.45	40	0.25	-	-	-	-
Hagere Mariam	7,838	73.57	2,708	25.42	96	0.90	-	-	-	-	12	0.11
Berehet	3,941	72.79	1,421	26.25	52	0.96	-	-	-	-	-	-
Minjarna Shenkora	15,529	67.75	7,109	31.02	282	1.23	-	-	-	-	-	-
Basona Werana	20,514	66.40	9,741	31.53	602	1.95	37	0.12	-	-	-	-
East Gojam Zone	349,710	92.71	26,765	7.10	467	0.12	172	0.05	-	-	94	0.02
Bibugn	20,008	98.17	323	1.58	49	0.24	-	-	-	-	-	-
Hulet Ej Enese	41,002	95.53	1,920	4.47	-	-	-	-	-	-	-	-
Goncha Siso Enese	25,056	94.09	1,452	5.45	35	0.13	44	0.17	-	-	44	0.17
Enbise Sar Midir	25,367	96.66	807	3.07	38	0.14	32	0.12	-	-	-	-
Enarj Enawga	29,671	94.47	1,693	5.39	44	0.14	-	-	-	-	-	-
Enemay	24,264	92.23	2,010	7.64	33	0.13	-	-	-	-	-	-
Debay Telatgen	23,001	95.12	1,181	4.88	-	-	-	-	-	-	-	-
Machakel	33,394	86.89	4,988	12.98	-	-	-	-	-	-	50	0.13
Guzamn	37,638	87.91	5,114	11.94	62	0.14	-	-	-	-	-	-
Baso Liben	24,734	94.80	1,285	4.92	73	0.28	-	-	-	-	-	-
Awabel	28,574	88.99	3,485	10.85	-	-	52	0.16	-	-	-	-
Dejen	18,020	88.91	2,103	10.38	100	0.49	44	0.22	-	-	-	-
Shebel Berenta	18,983	97.75	403	2.08	33	0.17	-	-	-	-	-	-
West Gojam Zone	339,228	91.25	31,562	8.49	711	0.19	123	0.03	84	0.02	55	0.01
Achefer	44,584	92.90	3,206	6.68	77	0.16	123	0.26	-	-	-	-
Bahir Dar Zuria	39,411	88.02	5,151	11.50	160	0.36	-	-	-	-	55	0.12
Yilman Densa	51,556	96.59	1,822	3.41	-	-	-	-	-	-	-	-
Merawi	45,434	95.03	2,377	4.97	-	-	-	-	-	-	-	-
Sekela	23,865	92.68	1,853	7.20	33	0.13	-	-	-	-	-	-
Kuarit	29,050	96.79	932	3.11	30	0.10	-	-	-	-	-	-
Dega Damot	28,252	98.16	494	1.72	-	-	-	-	35	0.12	-	-
Dembecha	18,058	82.47	3,808	17.39	30	0.14	-	-	-	-	-	-
Jabi Tehnan	31,744	89.18	3,761	10.57	91	0.26	-	-	-	-	-	-
Bure Wemberma	27,278	76.26	8,157	22.80	288	0.81	-	-	49	0.14	-	-
Waghamra Zone	65,212	86.20	8,996	11.89	1,346	1.78	19	0.03	-	-	81	0.11
Zikuala	10,817	81.30	1,926	14.48	524	3.94	19	0.14	-	-	19	0.14
Sekota	28,172	83.50	4,893	14.50	613	1.82	-	-	-	-	62	0.18
Dehana	26,224	91.66	2,177	7.61	209	0.73	-	-	-	-	-	-
Awi Zone	131,066	85.82	21,310	13.95	347	0.23	-	-	-	-	-	-
Dangela	28,510	83.86	5,400	15.88	87	0.26	-	-	-	-	-	-
Banja	20,712	79.89	5,142	19.83	73	0.28	-	-	-	-	-	-
Ankesha	34,486	90.62	3,570	9.38	-	-	-	-	-	-	-	-
Guangua	28,083	89.80	3,065	9.80	125	0.40	-	-	-	-	-	-
Faggeta Lekoma	19,277	82.13	4,132	17.60	62	0.26	-	-	-	-	-	-
Oromia Zone	53,385	73.47	18,288	25.17	854	1.18	136	0.19	-	-	-	-
Chefe Golana Dawe Rahimedo	23,345	77.62	6,398	21.27	291	0.97	41	0.14	-	-	-	-
Bati	9,431	57.83	6,348	38.92	435	2.67	95	0.58	-	-	-	-
Jile Tsumiga	9,304	78.59	2,491	21.04	43	0.36	-	-	-	-	-	-
Artuma Fursi	11,307	78.29	3,051	21.13	84	0.58	-	-	-	-	-	-

Table 8.4B: - Number of Crop Holders that Owned Hoe by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Hoe		One Hoe		Two Hoes		Three Hoes		Four Hoes		Five and above Hoes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,592,505	86.72	305,458	10.22	65,754	2.20	17,692	0.59	4,965	0.17	2,980	0.10
North Gonder Zone	406,541	95.25	17,269	4.05	2,380	0.56	513	0.12	63	0.01	32	0.01
Addi Arkay	23,583	98.30	381	1.59	28	0.12	-	-	-	-	-	-
Beyeda	17,140	97.74	375	2.14	22	0.13	-	-	-	-	-	-
Janamora	28,729	98.44	354	1.21	101	0.35	-	-	-	-	-	-
Debark	18,872	87.81	2,587	12.04	33	0.15	-	-	-	-	-	-
Dabat	23,763	96.68	722	2.94	64	0.26	29	0.12	-	-	-	-
Janja	23,448	95.62	678	2.76	355	1.45	42	0.17	-	-	-	-
Lay Armacheho	22,168	88.76	2,428	9.72	326	1.31	53	0.21	-	-	-	-
Wegera	36,610	98.79	339	0.91	108	0.29	-	-	-	-	-	-
Gondar Zuria	37,122	95.29	1,783	4.58	52	0.13	-	-	-	-	-	-
Dembia	40,703	98.62	569	1.38	-	-	-	-	-	-	-	-
Chilga	31,711	98.22	534	1.65	-	-	41	0.13	-	-	-	-
Metema	9,497	93.55	485	4.78	77	0.76	60	0.59	22	0.22	11	0.11
Quara	8,682	92.35	462	4.91	92	0.98	103	1.10	41	0.44	21	0.22
Alefa	41,627	90.02	3,388	7.33	1,044	2.26	185	0.40	-	-	-	-
Belesa	42,885	94.99	2,184	4.84	79	0.17	-	-	-	-	-	-
South Gonder Zone	363,599	97.15	6,516	1.74	3,175	0.85	636	0.17	326	0.09	-	-
Ebenat	39,867	94.99	1,926	4.59	176	0.42	-	-	-	-	-	-
Kemekem	30,499	99.07	287	0.93	-	-	-	-	-	-	-	-
Fogera	40,237	99.61	156	0.39	-	-	-	-	-	-	-	-
Farta	43,766	91.88	1,864	3.91	1,440	3.02	303	0.64	261	0.55	-	-
Lay Gayint	37,239	94.75	1,402	3.57	662	1.68	-	-	-	-	-	-
Tach Gayint	20,214	99.72	56	0.28	-	-	-	-	-	-	-	-
Simada	46,841	99.59	-	-	62	0.13	65	0.14	65	0.14	-	-
Estie	61,702	97.19	685	1.08	835	1.32	267	0.42	-	-	-	-
Dera	43,237	99.68	139	0.32	-	-	-	-	-	-	-	-
North Wollo Zone	270,259	87.84	33,822	10.99	3,204	1.04	298	0.10	-	-	86	0.03
Bugna	44,111	94.42	2,497	5.35	108	0.23	-	-	-	-	-	-
Kobo	35,582	85.80	5,684	13.71	156	0.38	50	0.12	-	-	-	-
Gidan	34,293	99.23	267	0.77	-	-	-	-	-	-	-	-
Meket	45,890	95.39	1,975	4.11	242	0.50	-	-	-	-	-	-
Wadala	26,105	97.91	556	2.09	-	-	-	-	-	-	-	-
Dawutna Delanta	35,559	99.02	247	0.69	104	0.29	-	-	-	-	-	-
Guba Lafto	27,060	76.01	7,900	22.19	597	1.68	-	-	-	-	43	0.12
Habru	21,661	56.05	14,696	38.03	1,997	5.17	248	0.64	-	-	43	0.11
South Wollo Zone	328,680	66.82	138,096	28.08	21,424	4.36	3,124	0.64	286	0.06	250	0.05
Mekdela	27,336	88.95	3,218	10.47	109	0.35	-	-	68	0.22	-	-
Tenta	27,812	78.43	7,102	20.03	546	1.54	-	-	-	-	-	-
Kutaber	9,192	42.45	11,227	51.85	1,155	5.33	78	0.36	-	-	-	-
Ambasel	14,806	56.16	10,694	40.56	831	3.15	34	0.13	-	-	-	-
Tehuledere	6,979	29.48	13,069	55.21	3,045	12.86	549	2.32	29	0.12	-	-
Werebabu	4,419	20.79	10,761	50.62	4,906	23.08	932	4.38	189	0.89	53	0.25
Kalu	11,084	28.29	20,982	53.56	6,213	15.86	855	2.18	-	-	43	0.11
Dessie Zuria	27,881	42.94	33,104	50.98	3,236	4.98	559	0.86	-	-	154	0.24
Legambo	27,156	76.29	8,021	22.53	377	1.06	44	0.12	-	-	-	-
Sayint	42,888	95.62	1,827	4.07	138	0.31	-	-	-	-	-	-
Debresina	36,136	98.54	496	1.35	41	0.11	-	-	-	-	-	-
Kelala	26,075	87.14	3,622	12.10	186	0.62	41	0.14	-	-	-	-
Jama	19,641	78.35	5,255	20.96	139	0.55	33	0.13	-	-	-	-
Were Ilu	21,146	71.16	8,099	27.26	470	1.58	-	-	-	-	-	-
Wegde	26,126	97.56	620	2.32	33	0.12	-	-	-	-	-	-
North Shewa (Amhara) Zone	316,943	93.56	19,396	5.73	1,897	0.56	392	0.12	113	0.03	22	0.01
Middana Weremo	15,038	90.31	1,565	9.40	49	0.29	-	-	-	-	-	-
Merhabete	22,303	96.82	673	2.92	59	0.26	-	-	-	-	-	-
Insarona Wayu	22,759	92.81	1,044	4.26	465	1.90	219	0.89	36	0.15	-	-
Moretna Jiru	16,119	93.23	1,101	6.37	69	0.40	-	-	-	-	-	-

Table 8.4B: - Number of Crop Holders that Owned Hoe by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Hoe		One Hoe		Two Hoes		Three Hoes		Four Hoes		Five and above Hoes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	26,144	95.88	1,124	4.12	-	-	-	-	-	-	-	-
Geshe	10,291	87.95	1,393	11.90	17	0.15	-	-	-	-	-	-
Antsokiya Gemza	10,476	80.68	2,434	18.74	75	0.58	-	-	-	-	-	-
Efratana Gidim	18,143	96.91	578	3.09	-	-	-	-	-	-	-	-
Lalo Midir	23,598	99.23	182	0.77	-	-	-	-	-	-	-	-
Mojana Wadera	14,915	99.51	74	0.49	-	-	-	-	-	-	-	-
Tarma Ber	16,640	97.03	471	2.75	39	0.23	-	-	-	-	-	-
Kewet	20,149	98.77	250	1.23	-	-	-	-	-	-	-	-
Asagirt	9,135	94.91	469	4.87	21	0.22	-	-	-	-	-	-
Angolelana Tera	14,500	97.12	395	2.65	35	0.23	-	-	-	-	-	-
Ankober	15,248	96.30	586	3.70	-	-	-	-	-	-	-	-
Hagere Mariam	6,717	63.05	2,994	28.10	737	6.92	129	1.21	77	0.72	-	-
Berehet	4,100	75.73	1,053	19.45	217	4.01	44	0.81	-	-	-	-
Minjarna Shenkora	20,391	88.97	2,393	10.44	114	0.50	-	-	-	-	22	0.10
Basona Werana	30,279	98.01	615	1.99	-	-	-	-	-	-	-	-
East Gojam Zone	342,743	90.86	19,133	5.07	9,967	2.64	3,647	0.97	1,179	0.31	539	0.14
Bibugn	14,588	71.58	1,926	9.45	2,247	11.03	1,103	5.41	325	1.59	191	0.94
Hulet Ej Enese	40,777	95.00	992	2.31	842	1.96	195	0.45	116	0.27	-	-
Goncha Siso Enese	21,968	82.49	2,644	9.93	1,566	5.88	329	1.24	87	0.33	37	0.14
Enbise Sar Midir	20,328	77.46	3,460	13.18	1,968	7.50	389	1.48	67	0.26	32	0.12
Enarj Enawga	29,938	95.32	1,346	4.29	124	0.39	-	-	-	-	-	-
Enemay	23,178	88.11	2,370	9.01	560	2.13	199	0.76	-	-	-	-
Debay Telatgen	23,426	96.87	756	3.13	-	-	-	-	-	-	-	-
Machakel	34,835	90.64	1,993	5.19	1,121	2.92	277	0.72	103	0.27	103	0.27
Guzamn	39,192	91.54	1,886	4.41	722	1.69	669	1.56	259	0.60	86	0.20
Baso Liben	25,282	96.90	180	0.69	180	0.69	210	0.80	150	0.57	90	0.34
Awabel	31,561	98.29	299	0.93	165	0.51	43	0.13	43	0.13	-	-
Dejen	19,603	96.72	241	1.19	282	1.39	113	0.56	28	0.14	-	-
Shebel Berenta	18,070	93.05	1,040	5.36	190	0.98	119	0.61	-	-	-	-
West Gojam Zone	324,496	87.29	25,879	6.96	12,515	3.37	5,722	1.54	1,805	0.49	1,346	0.36
Achefer	47,563	99.11	367	0.76	60	0.13	-	-	-	-	-	-
Bahir Dar Zuria	44,313	98.96	464	1.04	-	-	-	-	-	-	-	-
Yilman Densa	44,389	83.16	1,305	2.44	4,032	7.55	2,481	4.65	677	1.27	494	0.93
Merawi	46,291	96.82	1,304	2.73	216	0.45	-	-	-	-	-	-
Sekela	25,454	98.85	145	0.56	114	0.44	38	0.15	-	-	-	-
Kuarit	28,044	93.44	986	3.29	775	2.58	171	0.57	36	0.12	-	-
Dega Damot	28,397	98.67	110	0.38	234	0.81	-	-	40	0.14	-	-
Dembecha	17,311	79.06	3,635	16.60	695	3.17	143	0.65	52	0.24	60	0.27
Jabi Tehnan	23,643	66.42	7,316	20.55	2,909	8.17	1,132	3.18	499	1.40	97	0.27
Bure Wemberma	19,091	53.37	10,249	28.65	3,480	9.73	1,756	4.91	501	1.40	695	1.94
Waghamra Zone	67,852	89.69	6,767	8.94	852	1.13	146	0.19	37	0.05	-	-
Zikuala	11,049	83.04	1,792	13.47	352	2.65	75	0.56	37	0.28	-	-
Sekota	33,326	98.77	266	0.79	148	0.44	-	-	-	-	-	-
Dehana	23,479	82.07	4,709	16.46	352	1.23	70	0.24	-	-	-	-
Awi Zone	132,691	86.88	12,106	7.93	4,473	2.93	1,762	1.15	1,068	0.70	623	0.41
Dangela	31,372	92.28	2,151	6.33	429	1.26	-	-	45	0.13	-	-
Banja	24,133	93.08	1,318	5.08	405	1.56	71	0.27	-	-	-	-
Ankesha	29,398	77.25	4,287	11.26	2,120	5.57	1,197	3.15	669	1.76	385	1.01
Guangua	24,687	78.94	3,981	12.73	1,519	4.86	495	1.58	353	1.13	238	0.76
Faggeta Lekoma	23,103	98.43	368	1.57	-	-	-	-	-	-	-	-
Oromia Zone	38,700	53.26	26,475	36.44	5,866	8.07	1,452	2.00	87	0.12	83	0.11
Chefe Golana Dawe Rahimedo	12,403	41.24	15,259	50.74	2,150	7.15	263	0.87	-	-	-	-
Bati	5,720	35.07	5,898	36.16	3,347	20.52	1,189	7.29	72	0.44	83	0.51
Jile Tsumiga	9,094	76.82	2,552	21.56	176	1.49	-	-	16	0.14	-	-
Artuma Fursi	11,485	79.52	2,765	19.15	192	1.33	-	-	-	-	-	-

Table 8.5B: - Number of Crop Holders that Owned 'Mekeskesha' by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No 'Mekeskesha'		One 'Mekeskesha'		Two 'Mekeskeshas'		Three 'Mekeskeshas'		Four 'Mekeskeshas'		Five and above 'Mekeskeshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,901,787	97.07	54,303	1.82	23,687	0.79	6,773	0.23	2,132	0.07	672	0.02
North Gonder Zone	399,693	93.65	16,147	3.78	8,061	1.89	2,234	0.52	429	0.10	234	0.05
Addi Arkay	21,250	88.57	1,290	5.38	679	2.83	773	3.22	-	-	-	-
Beyeda	17,285	98.56	252	1.44	-	-	-	-	-	-	-	-
Janamora	26,028	89.19	2,841	9.73	281	0.96	34	0.12	-	-	-	-
Debark	17,576	81.78	2,363	10.99	1,389	6.46	134	0.62	30	0.14	-	-
Dabat	23,933	97.38	592	2.41	53	0.22	-	-	-	-	-	-
Sanja	23,383	95.35	695	2.83	336	1.37	-	-	81	0.33	28	0.11
Lay Armacheho	20,624	82.58	3,047	12.20	1,096	4.39	155	0.62	-	-	53	0.21
Wegera	36,285	97.92	772	2.08	-	-	-	-	-	-	-	-
Gondar Zuria	36,688	94.18	1,091	2.80	852	2.19	269	0.69	-	-	57	0.15
Dembia	39,090	94.71	639	1.55	1,241	3.01	239	0.58	63	0.15	-	-
Chilga	29,863	92.50	1,223	3.79	821	2.54	171	0.53	177	0.55	31	0.10
Metema	10,061	99.10	66	0.65	25	0.25	-	-	-	-	-	-
Quara	9,267	98.57	106	1.13	28	0.30	-	-	-	-	-	-
Alefa	43,795	94.70	790	1.71	1,133	2.45	460	0.99	-	-	66	0.14
Belesa	44,564	98.71	380	0.84	127	0.28	-	-	77	0.17	-	-
South Gonder Zone	355,035	94.87	9,917	2.65	6,317	1.69	1,899	0.51	931	0.25	153	0.04
Ebenat	40,822	97.27	1,007	2.40	140	0.33	-	-	-	-	-	-
Kemekem	30,021	97.52	335	1.09	325	1.06	35	0.11	35	0.11	35	0.11
Fogera	40,138	99.37	106	0.26	149	0.37	-	-	-	-	-	-
Farta	42,801	89.85	1,108	2.33	2,360	4.95	1,116	2.34	130	0.27	119	0.25
Lay Gayint	31,859	81.06	5,084	12.94	1,880	4.78	410	1.04	70	0.18	-	-
Tach Gayint	20,218	99.74	52	0.26	-	-	-	-	-	-	-	-
Simada	46,903	99.72	-	-	65	0.14	-	-	65	0.14	-	-
Estie	58,960	92.87	2,163	3.41	1,398	2.20	338	0.53	630	0.99	-	-
Dera	43,314	99.86	62	0.14	-	-	-	-	-	-	-	-
North Wollo Zone	303,954	98.79	3,196	1.04	401	0.13	118	0.04	-	-	-	-
Bugna	46,535	99.61	83	0.18	98	0.21	-	-	-	-	-	-
Kobo	41,367	99.75	58	0.14	47	0.11	-	-	-	-	-	-
Gidan	33,728	97.59	793	2.29	39	0.11	-	-	-	-	-	-
Meket	48,012	99.80	45	0.09	-	-	50	0.10	-	-	-	-
Wadala	26,416	99.08	176	0.66	-	-	69	0.26	-	-	-	-
Dawutna Delanta	35,808	99.72	102	0.28	-	-	-	-	-	-	-	-
Guba Lafto	35,154	98.75	359	1.01	87	0.24	-	-	-	-	-	-
Habru	36,935	95.58	1,581	4.09	129	0.33	-	-	-	-	-	-
South Wollo Zone	487,199	99.05	4,368	0.89	263	0.05	30	0.01	-	-	-	-
Mekdela	30,565	99.46	166	0.54	-	-	-	-	-	-	-	-
Tenta	34,936	98.52	524	1.48	-	-	-	-	-	-	-	-
Kutaber	20,914	96.59	713	3.29	25	0.12	-	-	-	-	-	-
Ambasel	25,874	98.14	431	1.63	60	0.23	-	-	-	-	-	-
Tehuledere	23,248	98.21	405	1.71	18	0.08	-	-	-	-	-	-
Werebabu	21,042	98.97	188	0.88	30	0.14	-	-	-	-	-	-
Kalu	38,827	99.11	256	0.65	94	0.24	-	-	-	-	-	-
Dessie Zuria	64,045	98.63	889	1.37	-	-	-	-	-	-	-	-
Legambo	35,553	99.87	45	0.13	-	-	-	-	-	-	-	-
Sayint	44,735	99.74	118	0.26	-	-	-	-	-	-	-	-
Debresina	36,628	99.88	45	0.12	-	-	-	-	-	-	-	-
Kelala	29,878	99.85	46	0.15	-	-	-	-	-	-	-	-
Jama	24,740	98.69	293	1.17	35	0.14	-	-	-	-	-	-
Were Ilu	29,500	99.28	185	0.62	-	-	30	0.10	-	-	-	-
Wegde	26,715	99.76	64	0.24	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	332,472	98.14	5,129	1.51	1,041	0.31	121	0.04	-	-	-	-
Middana Weremo	16,610	99.75	22	0.13	20	0.12	-	-	-	-	-	-
Merhabete	22,970	99.72	65	0.28	-	-	-	-	-	-	-	-
Insarona Wayu	23,943	97.63	280	1.14	300	1.22	-	-	-	-	-	-
Moretna Jiru	17,238	99.71	51	0.29	-	-	-	-	-	-	-	-

Table 8.5B: - Number of Crop Holders that Owned 'Mekeskesha' by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Mekeskesha'		One 'Mekeskesha'		Two 'Mekeskeshas'		Three 'Mekeskeshas'		Four 'Mekeskeshas'		Five and above 'Mekeskeshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	26,028	95.45	706	2.59	431	1.58	103	0.38	-	-	-	-
Geshe	11,685	99.86	16	0.14	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,532	96.51	414	3.19	39	0.30	-	-	-	-	-	-
Efratana Gidim	18,571	99.20	126	0.67	24	0.13	-	-	-	-	-	-
Lalo Midir	23,780	-	-	-	-	-	-	-	-	-	-	-
Mojana Wadera	14,969	99.87	20	0.13	-	-	-	-	-	-	-	-
Tarma Ber	17,108	99.76	42	0.24	-	-	-	-	-	-	-	-
Kewet	20,182	98.94	173	0.85	44	0.22	-	-	-	-	-	-
Asagirt	9,402	97.68	223	2.32	-	-	-	-	-	-	-	-
Angolelana Tera	12,809	85.79	1,922	12.87	182	1.22	17	0.11	-	-	-	-
Ankober	15,631	98.72	203	1.28	-	-	-	-	-	-	-	-
Hagere Mariam	10,580	99.31	74	0.69	-	-	-	-	-	-	-	-
Berehet	5,391	99.58	23	0.42	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,819	99.56	101	0.44	-	-	-	-	-	-	-	-
Basona Werana	30,227	97.84	667	2.16	-	-	-	-	-	-	-	-
East Gojam Zone	363,770	96.44	7,923	2.10	3,957	1.05	1,013	0.27	426	0.11	119	0.03
Bibugn	18,503	90.79	774	3.80	680	3.34	335	1.64	61	0.30	27	0.13
Hulet Ej Enese	42,416	98.82	245	0.57	221	0.51	40	0.09	-	-	-	-
Goncha Siso Enese	26,428	99.24	203	0.76	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,205	99.85	39	0.15	-	-	-	-	-	-	-	-
Enarj Enawga	31,135	99.13	117	0.37	125	0.40	31	0.10	-	-	-	-
Enemay	26,168	99.47	139	0.53	-	-	-	-	-	-	-	-
Debay Telatgen	16,710	69.10	4,846	20.04	2,196	9.08	283	1.17	123	0.51	24	0.10
Machakel	38,163	99.30	108	0.28	45	0.12	58	0.15	58	0.15	-	-
Guzamn	41,142	96.09	824	1.92	564	1.32	168	0.39	116	0.27	-	-
Baso Liben	25,223	96.67	557	2.13	102	0.39	74	0.28	68	0.26	68	0.26
Awabel	32,066	99.86	45	0.14	-	-	-	-	-	-	-	-
Dejen	20,194	99.64	25	0.12	24	0.12	24	0.12	-	-	-	-
Shebel Berenta	19,419	-	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	365,193	98.23	3,113	0.84	2,297	0.62	921	0.25	202	0.05	37	0.01
Achefer	47,716	99.43	138	0.29	136	0.28	-	-	-	-	-	-
Bahir Dar Zuria	44,469	99.31	60	0.13	143	0.32	105	0.23	-	-	-	-
Yilman Densa	53,225	99.71	-	-	78	0.15	75	0.14	-	-	-	-
Merawi	47,746	99.86	65	0.14	-	-	-	-	-	-	-	-
Sekela	24,920	96.77	360	1.40	279	1.08	119	0.46	73	0.28	-	-
Kuarit	29,696	98.95	238	0.79	78	0.26	-	-	-	-	-	-
Dega Damot	27,234	94.62	593	2.06	593	2.06	251	0.87	73	0.25	37	0.13
Dembecha	19,863	90.72	670	3.06	938	4.28	370	1.69	55	0.25	-	-
Jabi Tehnan	35,007	98.35	589	1.65	-	-	-	-	-	-	-	-
Bure Wemberma	35,318	98.73	401	1.12	53	0.15	-	-	-	-	-	-
Waghamra Zone	74,237	98.13	939	1.24	136	0.18	170	0.22	75	0.10	97	0.13
Zikuala	12,139	91.24	773	5.81	136	1.02	128	0.96	75	0.56	54	0.41
Sekota	33,654	99.75	-	-	-	-	43	0.13	-	-	43	0.13
Dehana	28,444	99.42	166	0.58	-	-	-	-	-	-	-	-
Awi Zone	148,705	97.37	2,661	1.74	1,017	0.67	267	0.17	41	0.03	32	0.02
Dangela	33,604	98.84	226	0.66	83	0.24	43	0.13	41	0.12	-	-
Banja	23,871	92.07	1,218	4.70	731	2.82	107	0.41	-	-	-	-
Ankesha	37,851	99.46	156	0.41	-	-	49	0.13	-	-	-	-
Guangua	30,993	99.10	205	0.66	43	0.14	-	-	-	-	32	0.10
Faggeta Lekoma	22,386	95.38	857	3.65	160	0.68	68	0.29	-	-	-	-
Oromia Zone	71,526	98.44	910	1.25	198	0.27	-	-	29	0.04	-	-
Chefe Golana Dawe Rahimedo	29,746	98.91	265	0.88	64	0.21	-	-	-	-	-	-
Bati	15,756	96.61	456	2.80	97	0.59	-	-	-	-	-	-
Jile Tsumiga	11,740	99.17	78	0.66	20	0.17	-	-	-	-	-	-
Artuma Fursi	14,285	98.91	111	0.77	17	0.12	-	-	29	0.20	-	-

Table 8.6B:- Number of Crop Holders that Owned Pick-Axe by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Pick-Axe		One Pick-Axe		Two Pick-Axes		Three Pick-Axes		Four Pick-Axes		Five and above Pick-Axes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	1,861,554	62.27	780,685	26.12	257,540	8.62	64,113	2.14	16,620	0.56	8,842	0.30
North Gonder Zone	347,365	81.39	67,544	15.83	10,207	2.39	1,210	0.28	365	0.09	107	0.03
Addi Arkay	15,479	64.52	6,608	27.54	1,614	6.73	160	0.67	98	0.41	33	0.14
Beyeda	12,653	72.15	4,182	23.85	648	3.70	54	0.31	-	-	-	-
Janamora	20,612	70.63	6,833	23.41	1,508	5.17	198	0.68	-	-	33	0.11
Debark	16,051	74.68	4,880	22.71	466	2.17	68	0.32	27	0.13	-	-
Dabat	19,983	81.30	4,456	18.13	110	0.45	29	0.12	-	-	-	-
Sanja	17,633	71.90	6,294	25.67	518	2.11	78	0.32	-	-	-	-
Lay Armacheho	18,461	73.92	4,676	18.72	1,364	5.46	215	0.86	232	0.93	27	0.11
Wegera	29,394	79.32	6,603	17.82	1,060	2.86	-	-	-	-	-	-
Gondar Zuria	31,196	80.08	6,836	17.55	873	2.24	52	0.13	-	-	-	-
Dembia	37,556	91.00	3,204	7.76	459	1.11	53	0.13	-	-	-	-
Chilga	28,947	89.66	2,803	8.68	453	1.40	83	0.26	-	-	-	-
Metema	8,530	84.02	1,559	15.36	53	0.52	10	0.10	-	-	-	-
Quara	8,139	86.58	1,025	10.90	170	1.81	44	0.47	8	0.09	15	0.16
Alefa	43,221	93.46	2,489	5.38	418	0.90	116	0.25	-	-	-	-
Belesa	39,509	87.51	5,095	11.29	494	1.09	50	0.11	-	-	-	-
South Gonder Zone	310,681	83.01	45,776	12.23	13,117	3.50	3,427	0.92	944	0.25	307	0.08
Ebenat	36,652	87.33	4,378	10.43	809	1.93	55	0.13	75	0.18	-	-
Kemekem	26,581	86.34	3,093	10.05	866	2.81	246	0.80	-	-	-	-
Fogera	37,640	93.18	2,596	6.43	98	0.24	59	0.15	-	-	-	-
Farta	34,301	72.01	8,934	18.76	2,496	5.24	1,280	2.69	501	1.05	122	0.26
Lay Gayint	26,321	66.97	10,584	26.93	1,935	4.92	411	1.05	52	0.13	-	-
Tach Gayint	17,003	83.88	2,652	13.08	434	2.14	155	0.76	26	0.13	-	-
Simada	37,148	78.98	6,391	13.59	3,090	6.57	169	0.36	115	0.24	120	0.26
Estie	53,829	84.78	5,211	8.21	3,325	5.24	883	1.39	176	0.28	65	0.10
Dera	41,206	95.00	1,937	4.47	64	0.15	169	0.39	-	-	-	-
North Wollo Zone	105,712	34.36	139,845	45.45	49,890	16.22	9,219	3.00	1,750	0.57	1,253	0.41
Bugna	14,930	31.96	22,209	47.54	8,140	17.42	1,381	2.96	-	-	56	0.12
Kobo	17,746	42.79	16,961	40.90	5,120	12.35	995	2.40	350	0.84	300	0.72
Gidan	5,091	14.73	18,202	52.67	9,070	26.24	1,418	4.10	371	1.07	408	1.18
Meket	22,538	46.85	16,134	33.54	6,937	14.42	2,115	4.40	383	0.80	-	-
Wadala	9,966	37.38	12,640	47.41	3,462	12.99	497	1.86	96	0.36	-	-
Dawutna Delanta	11,517	32.07	16,347	45.52	6,748	18.79	1,115	3.10	136	0.38	47	0.13
Guba Lafto	7,758	21.79	19,465	54.68	6,759	18.99	1,236	3.47	260	0.73	122	0.34
Habru	16,171	41.84	17,887	46.29	3,653	9.45	461	1.19	153	0.40	320	0.83
South Wollo Zone	191,778	38.99	195,141	39.67	74,013	15.05	22,634	4.60	5,854	1.19	2,440	0.50
Mekdela	11,089	36.08	13,373	43.52	4,969	16.17	1,050	3.42	250	0.81	-	-
Tenta	16,817	47.43	13,789	38.89	4,065	11.46	533	1.50	157	0.44	99	0.28
Kutaber	2,179	10.06	8,231	38.01	6,644	30.69	3,316	15.31	845	3.90	437	2.02
Ambasel	3,265	12.38	15,083	57.21	5,625	21.34	1,468	5.57	619	2.35	305	1.16
Tehuledere	10,080	42.58	6,939	29.31	4,194	17.72	1,829	7.73	356	1.50	273	1.15
Werebabu	4,023	18.92	7,778	36.59	6,702	31.52	1,941	9.13	677	3.18	139	0.65
Kalu	10,741	27.42	16,250	41.48	8,470	21.62	2,571	6.56	826	2.11	319	0.81
Dessie Zuria	26,925	41.47	22,977	35.39	8,650	13.32	4,383	6.75	1,416	2.18	583	0.90
Legambo	21,937	61.62	12,885	36.20	576	1.62	200	0.56	-	-	-	-
Sayint	6,965	15.53	24,339	54.26	10,803	24.09	2,448	5.46	239	0.53	59	0.13
Debresina	18,863	51.44	12,288	33.51	4,236	11.55	982	2.68	207	0.56	97	0.26
Kelala	14,224	47.53	10,308	34.45	4,059	13.56	970	3.24	233	0.78	130	0.43
Jama	11,475	45.78	11,316	45.14	1,798	7.17	451	1.80	28	0.11	-	-
Were Ilu	17,601	59.23	10,967	36.91	1,075	3.62	72	0.24	-	-	-	-
Wegde	15,593	58.23	8,620	32.19	2,147	8.02	419	1.56	-	-	-	-
North Shewa (Amhara) Zone	75,316	22.23	158,659	46.83	73,717	21.76	20,522	6.06	6,230	1.84	4,319	1.27
Middana Weremo	2,188	13.14	8,683	52.14	4,407	26.47	1,122	6.74	112	0.67	140	0.84
Merhabete	1,840	7.99	8,406	36.49	8,559	37.16	3,161	13.72	818	3.55	251	1.09
Insarona Wayu	9,832	40.09	9,142	37.28	3,486	14.22	1,520	6.20	287	1.17	256	1.04
Moretna Jiru	3,283	18.99	6,566	37.98	5,103	29.52	1,673	9.68	487	2.82	177	1.02

Table 8.6B:- Number of Crop Holders that Owned Pick-Axe by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Pick-Axe		One Pick-Axe		Two Pick-Axes		Three Pick-Axes		Four Pick-Axes		Five and above Pick-Axes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	5,915	21.69	14,946	54.81	5,193	19.04	902	3.31	277	1.02	35	0.13
Geshe	2,253	19.25	7,650	65.38	1,625	13.89	173	1.48	-	-	-	-
Antsokiya Gemza	1,977	15.23	6,443	49.62	3,724	28.68	580	4.47	146	1.12	115	0.89
Efratana Gidim	2,594	13.86	9,418	50.31	5,348	28.57	871	4.65	236	1.26	254	1.36
Lalo Midir	3,702	15.57	14,340	60.30	4,704	19.78	907	3.81	99	0.42	28	0.12
Mojana Wadera	2,855	19.05	8,003	53.39	3,416	22.79	514	3.43	146	0.97	55	0.37
Tarma Ber	2,420	14.11	6,765	39.45	4,223	24.62	2,074	12.09	1,032	6.02	636	3.71
Kewet	6,488	31.81	9,304	45.61	2,948	14.45	656	3.22	431	2.11	572	2.80
Asagirt	1,950	20.26	4,816	50.04	1,967	20.44	532	5.53	233	2.42	127	1.32
Angolelana Tera	5,594	37.47	7,338	49.15	1,573	10.54	254	1.70	154	1.03	17	0.11
Ankober	1,847	11.66	8,578	54.17	4,388	27.71	759	4.79	162	1.02	100	0.63
Hagere Mariam	3,352	31.46	4,116	38.63	2,006	18.83	886	8.32	183	1.72	111	1.04
Berehet	1,912	35.32	2,265	41.84	933	17.23	180	3.32	70	1.29	54	1.00
Minjarna Shenkora	7,794	34.01	6,024	26.28	4,823	21.04	2,155	9.40	1,073	4.68	1,051	4.59
Basona Werana	7,524	24.35	15,856	51.32	5,291	17.13	1,601	5.18	283	0.92	339	1.10
East Gojam Zone	301,746	79.99	58,382	15.48	13,201	3.50	3,130	0.83	569	0.15	180	0.05
Bibugn	19,901	97.65	421	2.07	30	0.15	28	0.14	-	-	-	-
Hulet Ej Enese	36,136	84.19	5,647	13.16	1,139	2.65	-	-	-	-	-	-
Goncha Siso Enese	21,101	79.23	3,597	13.51	1,338	5.02	483	1.81	112	0.42	-	-
Enbise Sar Midir	19,835	75.58	4,954	18.88	1,379	5.25	31	0.12	45	0.17	-	-
Enarj Enawga	27,519	87.62	3,427	10.91	462	1.47	-	-	-	-	-	-
Enemay	20,256	77.00	5,021	19.09	846	3.22	153	0.58	31	0.12	-	-
Debay Telatgen	17,063	70.56	6,352	26.27	593	2.45	174	0.72	-	-	-	-
Machakel	33,101	86.13	4,153	10.81	979	2.55	199	0.52	-	-	-	-
Guzamn	30,272	70.71	10,295	24.05	1,940	4.53	186	0.43	62	0.14	59	0.14
Baso Liben	24,243	92.91	1,140	4.37	287	1.10	316	1.21	33	0.13	73	0.28
Awabel	23,328	72.65	6,567	20.45	1,581	4.92	546	1.70	89	0.28	-	-
Dejen	12,955	63.92	3,993	19.70	2,136	10.54	962	4.75	197	0.97	24	0.12
Shebel Berenta	16,031	82.55	2,815	14.50	494	2.54	54	0.28	-	-	25	0.13
West Gojam Zone	331,056	89.05	32,333	8.70	6,557	1.76	1,576	0.42	177	0.05	64	0.02
Achefer	42,679	88.93	4,637	9.66	629	1.31	45	0.09	-	-	-	-
Bahir Dar Zuria	38,298	85.53	5,638	12.59	614	1.37	173	0.39	54	0.12	-	-
Yilman Densa	49,242	92.25	2,939	5.51	673	1.26	460	0.86	-	-	64	0.12
Merawi	45,233	94.61	2,465	5.16	113	0.24	-	-	-	-	-	-
Sekela	23,181	90.02	2,288	8.89	179	0.70	103	0.40	-	-	-	-
Kuarit	24,893	82.94	3,095	10.31	1,566	5.22	458	1.53	-	-	-	-
Dega Damot	23,186	80.56	3,020	10.49	2,207	7.67	293	1.02	75	0.26	-	-
Dembecha	19,972	91.21	1,924	8.79	-	-	-	-	-	-	-	-
Jabi Tehnan	32,371	90.94	2,867	8.05	358	1.01	-	-	-	-	-	-
Bure Wemberma	32,001	89.46	3,460	9.67	218	0.61	44	0.12	49	0.14	-	-
Waghamra Zone	33,122	43.78	33,846	44.74	7,487	9.90	948	1.25	208	0.27	43	0.06
Zikuala	7,838	58.91	4,648	34.93	701	5.27	64	0.48	54	0.41	-	-
Sekota	10,872	32.22	19,043	56.44	3,388	10.04	351	1.04	43	0.13	43	0.13
Dehana	14,412	50.37	10,155	35.49	3,399	11.88	533	1.86	111	0.39	-	-
Awi Zone	136,241	89.21	15,081	9.87	1,298	0.85	64	0.04	39	0.03	-	-
Dangela	30,105	88.55	3,614	10.63	278	0.82	-	-	-	-	-	-
Banja	22,568	87.04	3,210	12.38	149	0.57	-	-	-	-	-	-
Ankesha	34,667	91.09	3,064	8.05	325	0.85	-	-	-	-	-	-
Guangua	28,456	90.99	2,389	7.64	354	1.13	35	0.11	39	0.12	-	-
Faggeta Lekoma	20,447	87.12	2,803	11.94	192	0.82	29	0.12	-	-	-	-
Oromia Zone	28,536	39.27	34,079	46.90	8,054	11.08	1,382	1.90	484	0.67	128	0.18
Chefe Golana Dawe Rahimedo	8,596	28.58	16,071	53.44	4,497	14.95	741	2.46	170	0.57	-	-
Bati	7,774	47.67	6,288	38.56	1,767	10.83	359	2.20	83	0.51	38	0.23
Jile Tsumiga	7,982	67.43	3,348	28.28	328	2.77	81	0.68	47	0.40	52	0.44
Artuma Fursi	4,187	28.99	8,372	57.97	1,461	10.12	201	1.39	183	1.27	38	0.26

Table 8.7B: - Number of Crop Holders that Owned 'Deger' by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No 'Deger'		One 'Deger'		Two 'Degers'		Three 'Degers'		Four 'Degers'		Five and above 'Degers'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	677,636	22.67	819,907	27.43	1,078,827	36.09	89,971	3.01	270,899	9.06	52,114	1.74
North Gonder Zone	90,482	21.20	143,094	33.53	146,043	34.22	7,665	1.80	34,338	8.05	5,176	1.21
Addi Arkay	5,447	22.70	7,322	30.52	8,129	33.88	702	2.93	2,128	8.87	264	1.10
Beyeda	5,079	28.96	5,124	29.22	5,513	31.44	227	1.29	1,314	7.49	280	1.60
Janamora	7,807	26.75	10,330	35.40	9,085	31.13	284	0.97	1,570	5.38	108	0.37
Debark	4,294	19.98	4,273	19.88	10,105	47.02	115	0.54	2,068	9.62	637	2.96
Dabat	5,867	23.87	10,090	41.05	6,967	28.35	342	1.39	1,143	4.65	169	0.69
Sanja	2,659	10.84	15,445	62.98	5,188	21.16	362	1.48	693	2.83	176	0.72
Lay Armacheho	5,976	23.93	5,767	23.09	9,854	39.46	870	3.48	2,021	8.09	487	1.95
Wegera	9,217	24.87	12,515	33.77	12,430	33.54	406	1.10	2,394	6.46	95	0.26
Gondar Zuria	9,608	24.66	7,113	18.26	15,774	40.49	744	1.91	5,118	13.14	600	1.54
Dembia	8,659	20.98	10,590	25.66	15,897	38.52	1,126	2.73	4,194	10.16	806	1.95
Chilga	5,816	18.01	14,864	46.04	8,810	27.29	333	1.03	2,174	6.73	289	0.90
Metema	1,455	14.33	4,221	41.58	3,819	37.62	45	0.44	477	4.70	135	1.33
Quara	1,347	14.33	5,262	55.97	2,426	25.81	142	1.51	204	2.17	20	0.21
Alefa	10,228	22.12	15,635	33.81	15,944	34.48	931	2.01	3,275	7.08	231	0.50
Belesa	7,022	15.55	14,542	32.21	16,100	35.66	1,038	2.30	5,566	12.33	880	1.95
South Gonder Zone	78,454	20.96	92,974	24.84	140,941	37.66	15,357	4.10	39,581	10.58	6,945	1.86
Ebenat	8,602	20.50	11,190	26.66	15,415	36.73	1,303	3.10	4,454	10.61	1,005	2.39
Kemekem	7,339	23.84	9,250	30.05	10,541	34.24	484	1.57	2,848	9.25	324	1.05
Fogera	10,361	25.65	7,861	19.46	14,614	36.18	3,330	8.24	3,480	8.62	747	1.85
Farta	9,227	19.37	9,393	19.72	22,005	46.20	2,443	5.13	3,748	7.87	818	1.72
Lay Gayint	8,588	21.85	9,676	24.62	14,354	36.52	802	2.04	5,110	13.00	773	1.97
Tach Gayint	5,489	27.08	6,390	31.52	5,925	29.23	325	1.60	1,898	9.36	243	1.20
Simada	10,255	21.80	17,957	38.18	15,549	33.06	1,443	3.07	1,566	3.33	263	0.56
Estie	9,715	15.30	8,737	13.76	26,327	41.47	3,546	5.59	12,756	20.09	2,408	3.79
Dera	8,877	20.47	12,520	28.86	16,211	37.37	1,682	3.88	3,720	8.58	366	0.84
North Wollo Zone	75,466	24.53	92,681	30.12	105,468	34.28	9,740	3.17	20,308	6.60	4,006	1.30
Bugna	12,335	26.40	16,317	34.93	13,491	28.88	2,306	4.94	1,608	3.44	659	1.41
Kobo	7,784	18.77	15,009	36.19	12,881	31.06	1,956	4.72	3,437	8.29	405	0.98
Gidan	9,709	28.09	7,211	20.87	14,361	41.55	884	2.56	2,145	6.21	250	0.72
Meket	10,168	21.14	12,311	25.59	17,487	36.35	1,380	2.87	5,605	11.65	1,156	2.40
Wadala	3,855	14.46	7,536	28.27	10,937	41.02	1,163	4.36	2,885	10.82	285	1.07
Dawutna Delanta	8,544	23.79	12,495	34.80	12,574	35.02	648	1.80	1,496	4.17	153	0.43
Guba Lafto	9,205	25.86	12,860	36.12	10,952	30.76	698	1.96	1,666	4.68	219	0.62
Habru	13,865	35.88	8,942	23.14	12,785	33.08	707	1.83	1,466	3.79	880	2.28
South Wollo Zone	130,545	26.54	115,435	23.47	190,025	38.63	8,842	1.80	39,398	8.01	7,615	1.55
Mekdela	6,274	20.42	10,208	33.22	11,047	35.95	576	1.87	2,401	7.81	225	0.73
Tenta	9,816	27.68	4,513	12.73	18,688	52.70	411	1.16	1,708	4.82	324	0.91
Kutaber	4,628	21.37	4,539	20.96	9,443	43.61	636	2.94	2,106	9.73	300	1.39
Ambasel	6,194	23.49	6,253	23.72	10,034	38.06	414	1.57	2,778	10.54	692	2.62
Tehuledere	6,485	27.40	8,966	37.88	6,487	27.40	243	1.03	1,333	5.63	157	0.66
Werebabu	5,625	26.46	4,925	23.17	6,104	28.71	326	1.53	2,929	13.78	1,351	6.35
Kalu	12,424	31.71	10,556	26.94	12,143	31.00	1,185	3.02	2,299	5.87	570	1.45
Dessie Zuria	18,485	28.47	15,678	24.14	24,480	37.70	508	0.78	4,743	7.30	1,040	1.60
Legambo	11,717	32.91	5,241	14.72	15,895	44.65	133	0.37	2,441	6.86	171	0.48
Sayint	9,377	20.91	6,745	15.04	17,100	38.12	1,769	3.94	7,971	17.77	1,891	4.22
Debresina	10,533	28.72	8,922	24.33	13,217	36.04	542	1.48	3,098	8.45	361	0.98
Kelala	6,474	21.63	9,696	32.40	10,908	36.45	812	2.71	1,789	5.98	245	0.82
Jama	7,815	31.18	6,997	27.91	8,541	34.07	353	1.41	1,170	4.67	192	0.77
Were Ilu	8,169	27.49	10,862	36.55	9,096	30.61	184	0.62	1,352	4.55	52	0.17
Wegde	6,529	24.38	1,334	4.98	16,841	62.89	752	2.81	1,280	4.78	43	0.16
North Shewa (Amhara) Zone	87,775	25.91	118,824	35.08	101,581	29.99	12,041	3.55	14,809	4.37	3,733	1.10
Middana Weremo	5,217	31.33	5,836	35.05	3,981	23.91	890	5.34	485	2.91	243	1.46
Merhabete	5,190	22.53	4,465	19.38	8,722	37.86	1,159	5.03	2,672	11.60	827	3.59
Insarona Wayu	7,485	30.52	7,404	30.19	8,164	33.29	825	3.36	511	2.08	134	0.55
Moretna Jiru	3,934	22.75	6,789	39.27	5,423	31.37	719	4.16	242	1.40	182	1.05

Table 8.7B: - Number of Crop Holders that Owned 'Deger' by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Deger'		One 'Deger'		Two 'Degers'		Three 'Degers'		Four 'Degers'		Five and above 'Degers'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,189	26.36	10,556	38.71	7,888	28.93	788	2.89	807	2.96	40	0.15
Geshe	3,044	26.01	5,760	49.23	2,318	19.81	173	1.48	343	2.93	63	0.54
Antsokiya Gemza	4,558	35.10	5,079	39.11	2,779	21.40	327	2.52	178	1.37	64	0.49
Efratana Gidim	4,313	23.04	6,816	36.41	5,324	28.44	938	5.01	999	5.34	331	1.77
Lalo Midir	5,963	25.08	8,615	36.23	7,114	29.92	772	3.25	945	3.97	371	1.56
Mojana Wadera	4,130	27.55	5,389	35.95	4,524	30.18	587	3.92	239	1.59	120	0.80
Tarma Ber	5,125	29.88	5,246	30.59	4,501	26.24	1,137	6.63	645	3.76	496	2.89
Kewet	5,677	27.83	2,283	11.19	10,592	51.92	397	1.95	1,334	6.54	116	0.57
Asagirt	2,105	21.87	4,793	49.80	2,222	23.09	168	1.75	284	2.95	53	0.55
Angolelana Tera	3,137	21.01	7,356	49.27	3,619	24.24	368	2.46	418	2.80	32	0.21
Ankober	3,877	24.49	7,813	49.34	3,369	21.28	355	2.24	403	2.55	17	0.11
Hagere Mariam	2,511	23.57	4,422	41.51	2,993	28.09	326	3.06	343	3.22	59	0.55
Berehet	650	12.01	2,062	38.09	2,076	38.35	153	2.83	443	8.18	30	0.55
Minjarna Shenkora	4,576	19.97	7,857	34.28	7,834	34.18	803	3.50	1,682	7.34	168	0.73
Basona Werana	9,095	29.44	10,281	33.28	8,139	26.34	1,155	3.74	1,837	5.95	387	1.25
East Gojam Zone	72,181	19.14	77,665	20.59	144,627	38.34	18,269	4.84	53,408	14.16	11,058	2.93
Bibugn	4,504	22.10	5,785	28.39	7,731	37.93	788	3.87	1,392	6.83	180	0.88
Hulet Ej Enese	6,698	15.61	11,019	25.67	19,128	44.56	1,636	3.81	4,165	9.70	276	0.64
Goncha Siso Enese	5,054	18.98	7,089	26.62	9,909	37.21	141	0.53	3,909	14.68	529	1.99
Enbise Sar Midir	5,788	22.05	9,713	37.01	8,930	34.03	256	0.98	1,463	5.57	94	0.36
Enarj Enawga	5,330	16.97	7,684	24.47	12,639	40.24	906	2.88	4,809	15.31	40	0.13
Enemay	4,993	18.98	3,521	13.38	10,617	40.36	3,394	12.90	3,476	13.21	306	1.16
Debay Telatgen	3,857	15.95	4,058	16.78	8,644	35.75	1,729	7.15	3,713	15.35	2,181	9.02
Machakel	5,730	14.91	4,038	10.51	15,438	40.17	515	1.34	11,000	28.62	1,711	4.45
Guzamn	6,643	15.52	7,836	18.30	21,024	49.11	729	1.70	6,099	14.25	483	1.13
Baso Liben	6,156	23.59	4,771	18.29	9,187	35.21	1,259	4.83	4,020	15.41	699	2.68
Awabel	5,606	17.46	5,711	17.79	10,051	31.30	3,360	10.46	4,732	14.74	2,651	8.26
Dejen	5,275	26.03	2,276	11.23	5,077	25.05	2,916	14.39	3,102	15.31	1,621	8.00
Shebel Berenta	6,551	33.74	4,163	21.44	6,251	32.19	640	3.30	1,526	7.86	288	1.48
West Gojam Zone	74,574	20.06	83,855	22.56	150,667	40.53	10,772	2.90	45,015	12.11	6,880	1.85
Achefer	9,086	18.93	9,805	20.43	18,317	38.17	1,748	3.64	8,234	17.16	800	1.67
Bahir Dar Zuria	10,973	24.51	4,452	9.94	16,055	35.86	1,585	3.54	9,892	22.09	1,820	4.06
Yilman Densa	11,717	21.95	14,048	26.32	19,371	36.29	2,150	4.03	5,074	9.51	1,018	1.91
Merawi	10,667	22.31	8,663	18.12	21,087	44.10	404	0.84	6,292	13.16	698	1.46
Sekela	3,885	15.09	11,046	42.90	9,901	38.45	347	1.35	539	2.09	33	0.13
Kuarit	4,704	15.67	11,076	36.91	11,909	39.68	478	1.59	1,677	5.59	168	0.56
Dega Damot	5,315	18.47	8,192	28.46	12,939	44.96	375	1.30	1,927	6.70	33	0.11
Dembecha	3,478	15.88	2,992	13.66	9,498	43.38	1,087	4.96	4,190	19.14	651	2.97
Jabi Tehnan	7,098	19.94	7,789	21.88	16,593	46.61	1,134	3.19	2,591	7.28	391	1.10
Bure Wemberma	7,647	21.38	5,792	16.19	14,998	41.93	1,465	4.10	4,600	12.86	1,270	3.55
Waghamra Zone	12,889	17.04	22,737	30.05	26,558	35.10	2,514	3.32	7,990	10.56	2,966	3.92
Zikuala	1,813	13.63	2,798	21.03	5,406	40.63	534	4.01	2,207	16.59	547	4.11
Sekota	5,880	17.43	11,611	34.41	10,095	29.92	1,425	4.22	3,601	10.67	1,128	3.34
Dehana	5,198	18.17	8,328	29.11	11,057	38.65	555	1.94	2,182	7.63	1,290	4.51
Awi Zone	35,457	23.22	41,724	27.32	58,987	38.62	2,496	1.63	12,714	8.32	1,345	0.88
Dangela	6,092	17.92	10,229	30.09	13,603	40.01	776	2.28	2,859	8.41	438	1.29
Banja	4,432	17.09	5,997	23.13	12,333	47.57	326	1.26	2,476	9.55	363	1.40
Ankesha	11,597	30.47	8,352	21.95	13,864	36.43	801	2.10	3,147	8.27	295	0.78
Guangua	8,974	28.70	9,438	30.18	9,776	31.26	218	0.70	2,745	8.78	122	0.39
Faggeta Lekoma	4,363	18.59	7,708	32.84	9,412	40.10	374	1.59	1,487	6.34	127	0.54
Oromia Zone	19,811	27.26	30,917	42.55	13,930	19.17	2,276	3.13	3,339	4.60	2,390	3.29
Chefe Golana Dawe Rahimedo	9,537	31.71	11,907	39.59	6,649	22.11	789	2.62	989	3.29	204	0.68
Bati	3,791	23.24	4,227	25.92	3,564	21.85	1,021	6.26	1,866	11.44	1,840	11.28
Jile Tsumiga	2,410	20.36	7,984	67.44	1,019	8.61	264	2.23	120	1.01	41	0.35
Artuma Fursi	4,075	28.22	6,798	47.07	2,698	18.68	202	1.40	364	2.52	305	2.11

Table 8.8B:- Number of Crop Holders that Owned 'Erfe' by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No 'Erfe'		One 'Erfe'		Two 'Erfes'		Three 'Erfes'		Four 'Erfes'		Five and above 'Erfes'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	692,144	23.15	1,175,981	39.34	831,605	27.82	195,032	6.52	67,703	2.26	26,889	0.90
North Gonder Zone	91,066	21.34	167,654	39.28	122,030	28.59	29,385	6.88	11,493	2.69	5,170	1.21
Addi Arkay	5,637	23.50	9,827	40.96	6,422	26.77	1,467	6.11	408	1.70	231	0.96
Beyeda	5,081	28.97	5,453	31.09	4,741	27.03	1,343	7.66	543	3.10	376	2.14
Janamora	7,693	26.36	9,609	32.93	8,500	29.13	2,181	7.47	908	3.11	293	1.00
Debark	4,366	20.31	9,910	46.11	4,794	22.31	1,406	6.54	487	2.27	529	2.46
Dabat	6,005	24.43	9,569	38.93	6,000	24.41	1,917	7.80	634	2.58	453	1.84
Sanja	3,011	12.28	15,754	64.24	4,887	19.93	533	2.17	249	1.02	89	0.36
Lay Armacheho	6,171	24.71	10,290	41.20	6,131	24.55	1,574	6.30	587	2.35	222	0.89
Wegera	9,435	25.46	10,980	29.63	11,595	31.29	2,790	7.53	1,723	4.65	534	1.44
Gondar Zuria	8,695	22.32	9,584	24.60	13,967	35.85	4,531	11.63	1,169	3.00	1,011	2.60
Dembia	7,869	19.07	14,046	34.03	13,566	32.87	3,649	8.84	1,682	4.08	460	1.11
Chilga	6,151	19.05	14,776	45.77	8,353	25.87	2,049	6.35	763	2.36	194	0.60
Metema	1,820	17.93	6,588	64.89	1,438	14.16	185	1.82	44	0.43	77	0.76
Quara	1,400	14.89	6,093	64.81	1,605	17.07	165	1.76	86	0.91	52	0.55
Alefa	10,449	22.60	18,721	40.48	14,157	30.61	2,384	5.16	533	1.15	-	-
Belesa	7,280	16.12	16,455	36.45	15,874	35.16	3,211	7.11	1,679	3.72	649	1.44
South Gonder Zone	78,383	20.94	116,146	31.03	123,085	32.89	39,655	10.60	12,913	3.45	4,070	1.09
Ebenat	9,105	21.69	13,561	32.31	14,333	34.15	2,990	7.12	1,723	4.11	257	0.61
Kemekem	6,643	21.58	10,396	33.77	9,388	30.49	2,739	8.90	951	3.09	669	2.17
Fogera	10,023	24.81	9,293	23.01	13,104	32.44	5,811	14.39	1,736	4.30	426	1.05
Farta	9,378	19.69	14,697	30.85	16,966	35.62	5,039	10.58	956	2.01	598	1.26
Lay Gayint	8,468	21.55	15,419	39.23	11,048	28.11	2,933	7.46	1,088	2.77	347	0.88
Tach Gayint	5,354	26.41	6,981	34.44	6,145	30.32	1,336	6.59	433	2.14	21	0.10
Simada	9,833	20.91	18,059	38.40	12,790	27.19	4,713	10.02	1,004	2.13	634	1.35
Estie	10,351	16.30	13,577	21.38	24,937	39.28	10,440	16.44	3,643	5.74	541	0.85
Dera	9,232	21.28	14,162	32.65	14,375	33.14	3,653	8.42	1,378	3.18	576	1.33
North Wollo Zone	76,422	24.84	122,498	39.81	78,240	25.43	19,529	6.35	7,700	2.50	3,280	1.07
Bugna	12,625	27.03	16,060	34.38	10,535	22.55	4,100	8.78	2,496	5.34	900	1.93
Kobo	7,820	18.86	20,322	49.00	9,574	23.09	2,651	6.39	827	1.99	278	0.67
Gidan	9,656	27.94	12,541	36.29	8,843	25.59	2,500	7.23	616	1.78	404	1.17
Meket	10,023	20.83	15,210	31.62	16,690	34.69	3,670	7.63	1,604	3.33	910	1.89
Wadala	3,951	14.82	9,836	36.89	9,734	36.51	2,134	8.00	747	2.80	259	0.97
Dawutna Delanta	8,704	24.24	14,309	39.85	10,374	28.89	1,671	4.65	663	1.85	189	0.53
Guba Lafto	9,354	26.28	15,151	42.56	8,681	24.38	1,692	4.75	479	1.35	243	0.68
Habru	14,292	36.98	19,068	49.34	3,809	9.86	1,111	2.87	268	0.69	97	0.25
South Wollo Zone	133,886	27.22	216,736	44.06	106,164	21.58	23,264	4.73	7,767	1.58	4,043	0.82
Mekdela	6,252	20.34	16,632	54.12	6,403	20.84	908	2.95	465	1.51	71	0.23
Tenta	10,048	28.34	17,713	49.95	6,138	17.31	1,094	3.09	235	0.66	232	0.65
Kutaber	4,781	22.08	8,980	41.47	5,375	24.82	1,593	7.36	547	2.53	376	1.74
Ambasel	6,277	23.81	10,994	41.70	6,105	23.16	1,813	6.88	789	2.99	387	1.47
Tehuledere	6,601	27.89	12,243	51.72	3,818	16.13	756	3.19	179	0.76	74	0.31
Werebabu	6,138	28.87	9,179	43.17	4,187	19.69	1,074	5.05	364	1.71	318	1.50
Kalu	12,718	32.46	18,751	47.86	5,903	15.07	1,063	2.71	578	1.48	164	0.42
Dessie Zuria	18,887	29.09	32,596	50.20	9,830	15.14	2,455	3.78	417	0.64	749	1.15
Legambo	11,941	33.54	15,484	43.50	6,085	17.09	1,461	4.10	503	1.41	124	0.35
Sayint	9,311	20.76	13,265	29.57	15,761	35.14	4,102	9.15	1,715	3.82	699	1.56
Debresina	10,802	29.45	11,210	30.57	11,757	32.06	2,106	5.74	497	1.36	301	0.82
Kelala	6,612	22.10	13,459	44.98	7,211	24.10	1,961	6.55	511	1.71	170	0.57
Jama	8,153	32.52	11,424	45.57	4,292	17.12	848	3.38	238	0.95	113	0.45
Were Ilu	8,522	28.68	16,975	57.13	3,727	12.54	233	0.78	169	0.57	89	0.30
Wegde	6,839	25.54	7,832	29.25	9,573	35.75	1,797	6.71	563	2.10	175	0.65
North Shewa (Amhara) Zone	89,365	26.38	137,530	40.60	83,605	24.68	18,262	5.39	6,764	2.00	3,237	0.96
Middana Weremo	5,113	30.71	7,020	42.16	3,615	21.71	556	3.34	322	1.93	26	0.16
Merhabete	5,566	24.16	10,650	46.23	5,172	22.45	907	3.94	451	1.96	289	1.25
Insarona Wayu	7,507	30.61	7,958	32.45	7,528	30.70	1,010	4.12	458	1.87	62	0.25
Moretna Jiru	4,550	26.32	6,993	40.45	4,856	28.09	534	3.09	285	1.65	71	0.41

Table 8.8B:- Number of Crop Holders that Owned 'Erfe' by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Erfe'		One 'Erfe'		Two 'Erfes'		Three 'Erfes'		Four 'Erfes'		Five and above 'Erfes'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,173	26.31	10,772	39.50	7,390	27.10	1,184	4.34	430	1.58	319	1.17
Geshe	3,059	26.14	6,000	51.28	2,173	18.57	358	3.06	64	0.55	47	0.40
Antsokiya Gemza	4,579	35.26	5,768	44.42	2,015	15.52	527	4.06	44	0.34	52	0.40
Efratana Gidim	4,451	23.78	8,701	46.48	3,722	19.88	1,196	6.39	332	1.77	319	1.70
Lalo Midir	6,124	25.75	8,583	36.09	5,933	24.95	2,421	10.18	353	1.48	366	1.54
Mojana Wadera	4,170	27.82	4,372	29.17	4,436	29.60	1,523	10.16	361	2.41	127	0.85
Tarma Ber	4,997	29.14	6,360	37.08	3,924	22.88	1,088	6.34	624	3.64	157	0.92
Kewet	5,683	27.86	10,893	53.40	3,138	15.38	428	2.10	206	1.01	51	0.25
Asagirt	2,246	23.34	4,425	45.97	2,434	25.29	376	3.91	107	1.11	37	0.38
Angolelana Tera	3,220	21.57	6,012	40.27	4,138	27.72	999	6.69	339	2.27	222	1.49
Ankober	3,868	24.43	8,204	51.81	3,074	19.41	575	3.63	96	0.61	17	0.11
Hagere Mariam	2,519	23.64	3,886	36.47	2,981	27.98	704	6.61	363	3.41	201	1.89
Berehet	686	12.67	2,859	52.81	1,446	26.71	321	5.93	88	1.63	14	0.26
Minjarna Shenkora	4,710	20.55	7,458	32.54	7,450	32.50	1,640	7.16	1,090	4.76	572	2.50
Basona Werana	9,141	29.59	10,617	34.37	8,182	26.48	1,916	6.20	749	2.42	289	0.94
East Gojam Zone	75,143	19.92	139,248	36.92	124,921	33.12	28,416	7.53	7,361	1.95	2,119	0.56
Bibugn	4,975	24.41	9,657	47.38	5,267	25.84	405	1.99	29	0.14	47	0.23
Hulet Ej Enese	7,066	16.46	17,893	41.69	14,708	34.27	2,383	5.55	710	1.65	162	0.38
Goncha Siso Enese	5,328	20.01	10,855	40.76	8,347	31.34	1,488	5.59	438	1.64	175	0.66
Enbise Sar Midir	5,611	21.38	11,745	44.75	7,386	28.14	1,054	4.02	307	1.17	141	0.54
Enarj Enawga	5,893	18.76	11,481	36.55	11,691	37.22	1,755	5.59	415	1.32	173	0.55
Enemay	5,098	19.38	6,767	25.72	9,814	37.31	3,729	14.17	781	2.97	118	0.45
Debay Telatgen	3,955	16.36	10,125	41.87	6,497	26.87	2,762	11.42	625	2.58	218	0.90
Machakel	6,204	16.14	14,399	37.47	14,781	38.46	2,066	5.38	935	2.43	47	0.12
Guzamn	7,156	16.71	19,621	45.83	13,381	31.25	1,962	4.58	633	1.48	61	0.14
Baso Liben	6,125	23.47	8,261	31.66	9,005	34.51	2,220	8.51	270	1.03	211	0.81
Awabel	5,805	18.08	8,497	26.46	12,300	38.30	4,150	12.92	867	2.70	492	1.53
Dejen	5,166	25.49	4,390	21.66	5,993	29.57	3,461	17.08	1,012	4.99	245	1.21
Shebel Berenta	6,761	34.82	5,558	28.62	5,752	29.62	980	5.05	338	1.74	30	0.15
West Gojam Zone	77,748	20.91	135,336	36.40	125,418	33.74	23,161	6.23	7,849	2.11	2,251	0.61
Achefer	9,523	19.84	14,981	31.22	17,064	35.56	4,267	8.89	1,720	3.58	435	0.91
Bahir Dar Zuria	11,337	25.32	9,159	20.45	14,855	33.18	6,491	14.50	2,124	4.74	811	1.81
Yilman Densa	13,020	24.39	17,541	32.86	18,814	35.25	3,297	6.18	498	0.93	208	0.39
Merawi	10,427	21.81	15,622	32.67	17,662	36.94	2,849	5.96	1,002	2.10	249	0.52
Sekela	4,032	15.66	12,830	49.82	8,003	31.08	599	2.33	287	1.11	-	-
Kuarit	5,084	16.94	14,907	49.67	8,489	28.29	901	3.00	496	1.65	135	0.45
Dega Damot	6,179	21.47	15,520	53.92	6,245	21.70	719	2.50	80	0.28	38	0.13
Dembecha	3,731	17.04	6,755	30.85	9,325	42.59	1,469	6.71	560	2.56	56	0.26
Jabi Tehnan	7,286	20.47	14,240	40.00	12,218	34.32	1,198	3.37	458	1.29	196	0.55
Bure Wemberma	7,129	19.93	13,783	38.53	12,742	35.62	1,371	3.83	625	1.75	122	0.34
Waghamra Zone	13,501	17.85	29,368	38.82	21,186	28.00	7,749	10.24	2,943	3.89	907	1.20
Zikuala	2,001	15.04	5,181	38.94	3,863	29.03	1,263	9.49	730	5.49	267	2.01
Sekota	6,121	18.14	11,959	35.44	9,996	29.63	4,157	12.32	1,079	3.20	428	1.27
Dehana	5,381	18.81	12,228	42.74	7,327	25.61	2,328	8.14	1,134	3.96	212	0.74
Awi Zone	36,417	23.85	70,692	46.29	39,807	26.06	3,770	2.47	1,642	1.08	395	0.26
Dangela	6,116	17.99	14,205	41.78	11,573	34.04	1,239	3.64	653	1.92	211	0.62
Banja	4,628	17.85	13,992	53.97	6,388	24.64	882	3.40	37	0.14	-	-
Ankesha	11,854	31.15	16,347	42.96	8,502	22.34	806	2.12	547	1.44	-	-
Guangua	9,479	30.31	14,357	45.91	6,809	21.77	392	1.25	119	0.38	117	0.37
Faggeta Lekoma	4,341	18.50	11,790	50.23	6,536	27.85	450	1.92	287	1.22	67	0.29
Oromia Zone	20,216	27.82	40,773	56.11	7,148	9.84	1,841	2.53	1,270	1.75	1,415	1.95
Chefe Golana Dawe Rahimedo	9,621	31.99	16,405	54.55	3,051	10.14	611	2.03	324	1.08	63	0.21
Bati	3,833	23.50	7,742	47.47	2,307	14.15	733	4.49	513	3.15	1,181	7.24
Jile Tsumiga	2,417	20.42	7,980	67.41	935	7.90	306	2.58	130	1.10	70	0.59
Artuma Fursi	4,344	30.08	8,646	59.87	856	5.93	191	1.32	303	2.10	102	0.71

Table 8.9B:- Number of Crop Holders that Owned Plough-Beam by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No Plough-Beam		One Plough-Beam		Two Plough-Beams		Three Plough-Beams		Four Plough-Beams		Five and above Plough-Beams	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	660,120	22.08	1,075,000	35.96	931,619	31.16	237,458	7.94	63,646	2.13	21,511	0.72
North Gonder Zone	86,559	20.28	180,574	42.31	128,222	30.04	23,581	5.53	5,825	1.36	2,037	0.48
Addi Arkay	5,323	22.19	11,236	46.83	6,425	26.78	747	3.11	236	0.98	25	0.10
Beyeda	4,906	27.98	5,837	33.28	5,339	30.44	1,038	5.92	322	1.84	95	0.54
Janamora	7,301	25.02	11,768	40.32	8,395	28.77	1,338	4.58	309	1.06	73	0.25
Debark	4,242	19.74	11,113	51.71	4,822	22.44	962	4.48	230	1.07	123	0.57
Dabat	5,260	21.40	11,253	45.78	6,209	25.26	1,155	4.70	536	2.18	165	0.67
Sanja	2,452	10.00	16,808	68.54	4,939	20.14	296	1.21	-	-	28	0.11
Lay Armachetho	6,098	24.42	11,105	44.46	6,061	24.27	1,209	4.84	242	0.97	260	1.04
Wegera	8,511	22.97	13,044	35.20	12,208	32.94	2,437	6.58	542	1.46	315	0.85
Gondar Zuria	9,143	23.47	10,130	26.00	14,238	36.55	4,124	10.59	930	2.39	392	1.01
Dembia	8,015	19.42	13,242	32.08	14,877	36.05	3,835	9.29	1,041	2.52	262	0.63
Chilga	5,700	17.65	15,498	48.00	9,337	28.92	1,495	4.63	160	0.50	96	0.30
Metema	1,419	13.98	6,804	67.02	1,717	16.91	129	1.27	34	0.33	49	0.48
Quara	1,285	13.67	6,134	65.25	1,881	20.01	68	0.72	13	0.14	20	0.21
Alefa	10,261	22.19	17,209	37.21	15,328	33.15	2,518	5.45	793	1.71	135	0.29
Belesa	6,644	14.72	19,392	42.95	16,446	36.43	2,228	4.93	438	0.97	-	-
South Gonder Zone	74,818	19.99	104,326	27.88	131,649	35.18	48,017	12.83	11,127	2.97	4,315	1.15
Ebenat	8,186	19.50	14,392	34.29	15,480	36.88	3,038	7.24	588	1.40	285	0.68
Kemekem	6,806	22.11	10,625	34.51	10,123	32.88	2,709	8.80	442	1.44	81	0.26
Fogera	9,554	23.65	6,711	16.61	15,649	38.74	6,625	16.40	1,264	3.13	590	1.46
Farta	9,773	20.52	11,908	25.00	17,360	36.44	5,967	12.53	1,771	3.72	855	1.79
Lay Gayint	8,283	21.07	15,728	40.02	11,825	30.09	2,684	6.83	383	0.97	400	1.02
Tach Gayint	5,280	26.05	7,692	37.95	5,906	29.14	1,117	5.51	190	0.94	85	0.42
Simada	9,204	19.57	16,888	35.91	13,891	29.53	4,826	10.26	1,594	3.39	630	1.34
Estie	9,350	14.73	9,971	15.71	25,043	39.44	14,690	23.14	3,334	5.25	1,101	1.73
Dera	8,383	19.33	10,410	24.00	16,373	37.75	6,361	14.66	1,560	3.60	289	0.67
North Wollo Zone	72,068	23.42	132,377	43.03	84,368	27.42	13,931	4.53	3,839	1.25	1,086	0.35
Bugna	11,691	25.03	17,175	36.76	14,053	30.08	2,926	6.26	679	1.45	192	0.41
Kobo	7,448	17.96	24,040	57.97	8,904	21.47	969	2.34	52	0.13	59	0.14
Gidan	9,483	27.44	14,203	41.10	8,954	25.91	1,637	4.74	181	0.52	102	0.30
Meket	9,098	18.91	17,548	36.48	17,172	35.70	2,646	5.50	1,255	2.61	388	0.81
Wadala	3,791	14.22	8,722	32.71	11,033	41.38	2,091	7.84	822	3.08	202	0.76
Dawutna Delanta	8,136	22.66	12,828	35.72	12,126	33.77	2,103	5.86	574	1.60	143	0.40
Guba Lafto	8,632	24.25	17,428	48.96	8,238	23.14	1,026	2.88	276	0.78	-	-
Habru	13,792	35.69	20,432	52.87	3,888	10.06	533	1.38	-	-	-	-
South Wollo Zone	129,291	26.29	207,980	42.28	125,882	25.59	21,712	4.41	4,917	1.00	2,078	0.42
Mekdela	6,269	20.40	16,539	53.82	6,986	22.73	731	2.38	159	0.52	47	0.15
Tenta	9,957	28.08	17,775	50.13	6,712	18.93	830	2.34	186	0.52	-	-
Kutaber	4,617	21.32	10,027	46.31	5,226	24.14	1,346	6.22	231	1.07	205	0.95
Ambasel	6,087	23.09	11,637	44.14	6,391	24.24	1,890	7.17	326	1.24	34	0.13
Tehuledere	6,142	25.95	12,073	51.00	4,584	19.37	654	2.76	218	0.92	-	-
Werebabu	5,587	26.28	11,094	52.18	3,790	17.83	429	2.02	299	1.41	61	0.29
Kalu	12,451	31.78	18,268	46.63	6,753	17.24	1,222	3.12	383	0.98	100	0.26
Dessie Zuria	18,462	28.43	26,910	41.44	14,837	22.85	2,964	4.56	756	1.16	1,005	1.55
Legambo	11,458	32.19	14,705	41.31	7,987	22.44	1,155	3.24	241	0.68	52	0.15
Sayint	9,259	20.64	16,367	36.49	14,702	32.78	3,868	8.62	544	1.21	113	0.25
Debresina	10,415	28.40	10,146	27.67	13,113	35.76	2,220	6.05	523	1.43	256	0.70
Kelala	6,523	21.80	13,226	44.20	8,665	28.96	1,159	3.87	279	0.93	72	0.24
Jama	7,467	29.79	6,875	27.43	9,086	36.25	1,152	4.60	420	1.68	68	0.27
Were Ilu	8,109	27.29	13,611	45.81	6,749	22.71	987	3.32	259	0.87	-	-
Wegde	6,489	24.23	8,725	32.58	10,301	38.47	1,105	4.13	93	0.35	66	0.25
North Shewa (Amhara) Zone	86,173	25.44	128,398	37.90	97,923	28.91	18,599	5.49	5,640	1.66	2,030	0.60
Middana Weremo	5,180	31.11	6,163	37.01	4,737	28.45	360	2.16	157	0.94	55	0.33
Merhabete	5,184	22.50	11,091	48.15	5,684	24.68	822	3.57	179	0.78	75	0.33
Insarona Wayu	7,020	28.63	6,005	24.49	8,478	34.57	1,792	7.31	996	4.06	232	0.95
Moretna Jiru	3,906	22.59	7,228	41.81	5,140	29.73	836	4.84	157	0.91	22	0.13

Table 8.9B:- Number of Crop Holders that Owned Plough-Beam by Geographic Area. (Continued.)

Geographic Area	Number of Crop Holders that Owned											
	No Plough-Beam		One Plough-Beam		Two Plough-Beams		Three Plough-Beams		Four Plough-Beams		Five and above Plough-Beams	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,117	26.10	8,209	30.10	9,327	34.20	1,721	6.31	626	2.30	268	0.98
Geshe	3,033	25.92	5,229	44.69	2,934	25.07	461	3.94	31	0.26	13	0.11
Antsokiya Gemza	4,626	35.63	5,159	39.73	2,829	21.79	317	2.44	54	0.42	-	-
Efratana Gidim	4,309	23.02	8,809	47.05	4,634	24.75	536	2.86	244	1.30	189	1.01
Lalo Midir	5,871	24.69	7,343	30.88	8,135	34.21	1,853	7.79	398	1.67	180	0.76
Mojana Wadera	3,854	25.71	3,843	25.64	5,204	34.72	1,683	11.23	256	1.71	149	0.99
Tarma Ber	5,051	29.45	6,521	38.02	4,433	25.85	914	5.33	193	1.13	38	0.22
Kewet	5,599	27.45	10,616	52.04	3,737	18.32	374	1.83	48	0.24	25	0.12
Asagirt	2,095	21.77	4,267	44.33	2,634	27.37	498	5.17	107	1.11	24	0.25
Angolelana Tera	3,033	20.31	5,312	35.58	4,991	33.43	1,035	6.93	348	2.33	211	1.41
Ankober	3,860	24.38	7,996	50.50	3,270	20.65	603	3.81	44	0.28	61	0.39
Hagere Mariam	2,474	23.22	3,532	33.15	3,328	31.24	923	8.66	325	3.05	72	0.68
Berehet	620	11.45	3,123	57.68	1,428	26.38	212	3.92	17	0.31	14	0.26
Minjarna Shenkora	4,517	19.71	8,119	35.42	7,729	33.72	1,437	6.27	884	3.86	234	1.02
Basona Werana	8,821	28.55	9,833	31.83	9,272	30.01	2,223	7.20	576	1.86	169	0.55
East Gojam Zone	70,219	18.62	101,594	26.93	141,762	37.58	48,833	12.95	11,746	3.11	3,054	0.81
Bibugn	4,166	20.44	6,071	29.79	7,581	37.20	2,208	10.83	213	1.05	141	0.69
Hulet Ej Enese	6,218	14.49	11,901	27.73	18,471	43.03	4,997	11.64	1,166	2.72	169	0.39
Goncha Siso Enese	4,975	18.68	9,106	34.19	8,758	32.89	3,013	11.31	668	2.51	111	0.42
Enbise Sar Midir	5,336	20.33	10,752	40.97	8,507	32.42	1,300	4.95	279	1.06	70	0.27
Enarj Enawga	5,269	16.78	8,527	27.15	12,952	41.24	3,506	11.16	910	2.90	244	0.78
Enemay	4,900	18.63	4,346	16.52	9,475	36.02	5,987	22.76	1,302	4.95	297	1.13
Debay Telatgen	3,564	14.74	7,312	30.24	7,171	29.65	4,865	20.12	909	3.76	361	1.49
Machakel	5,642	14.68	8,833	22.98	18,661	48.56	3,497	9.10	1,590	4.14	209	0.54
Guzamn	6,716	15.69	15,496	36.19	16,208	37.86	3,153	7.36	1,067	2.49	174	0.41
Baso Liben	6,172	23.65	5,564	21.32	10,326	39.58	3,273	12.54	551	2.11	206	0.79
Awabel	5,614	17.48	6,724	20.94	11,917	37.11	6,259	19.49	1,292	4.02	305	0.95
Dejen	5,124	25.28	2,029	10.01	5,530	27.29	5,504	27.16	1,399	6.90	681	3.36
Shebel Berenta	6,521	33.58	4,934	25.41	6,205	31.95	1,272	6.55	402	2.07	85	0.44
West Gojam Zone	72,811	19.59	82,929	22.31	144,897	38.98	48,954	13.17	15,964	4.29	6,208	1.67
Achefer	9,148	19.06	13,018	27.13	18,432	38.41	5,249	10.94	2,003	4.17	140	0.29
Bahir Dar Zuria	11,118	24.83	6,208	13.86	14,595	32.59	9,587	21.41	1,869	4.17	1,400	3.13
Yilman Densa	11,100	20.80	11,892	22.28	19,774	37.05	8,196	15.35	1,561	2.92	855	1.60
Merawi	10,139	21.21	10,794	22.58	19,054	39.85	4,643	9.71	2,738	5.73	443	0.93
Sekela	3,827	14.86	8,644	33.57	11,492	44.63	1,471	5.71	279	1.08	38	0.15
Kuarit	4,463	14.87	7,450	24.82	12,720	42.38	3,761	12.53	1,050	3.50	568	1.89
Dega Damot	5,234	18.19	9,210	32.00	11,779	40.93	2,202	7.65	288	1.00	68	0.24
Dembecha	3,444	15.73	4,085	18.66	9,295	42.45	3,158	14.42	1,314	6.00	600	2.74
Jabi Tehnan	7,103	19.95	6,078	17.07	15,784	44.34	4,489	12.61	1,707	4.80	435	1.22
Bure Wemberma	7,236	20.23	5,550	15.51	11,971	33.46	6,199	17.33	3,155	8.82	1,661	4.64
Waghamra Zone	13,094	17.31	37,589	49.69	19,622	25.94	4,020	5.31	1,153	1.52	176	0.23
Zikuala	1,751	13.16	5,991	45.03	4,355	32.73	911	6.85	245	1.84	52	0.39
Sekota	6,214	18.42	16,136	47.82	8,456	25.06	2,190	6.49	689	2.04	55	0.16
Dehana	5,133	17.94	15,462	54.04	6,810	23.80	918	3.21	219	0.77	68	0.24
Awi Zone	35,025	22.93	57,893	37.91	47,826	31.32	8,411	5.51	3,103	2.03	465	0.30
Dangela	6,134	18.04	10,257	30.17	13,345	39.25	2,944	8.66	1,054	3.10	263	0.77
Banja	4,465	17.22	10,056	38.79	9,499	36.64	1,480	5.71	317	1.22	110	0.42
Ankesha	11,218	29.48	13,452	35.35	9,867	25.93	2,298	6.04	1,221	3.21	-	-
Guangua	8,942	28.59	14,665	46.89	7,095	22.69	315	1.01	256	0.82	-	-
Faggeta Lekoma	4,265	18.17	9,463	40.32	8,021	34.17	1,374	5.85	256	1.09	92	0.39
Oromia Zone	20,058	27.60	41,340	56.89	9,468	13.03	1,402	1.93	332	0.46	63	0.09
Chefe Golana Dawe Rahimedo	9,734	32.37	15,308	50.90	4,173	13.88	594	1.98	224	0.74	42	0.14
Bati	3,768	23.10	8,957	54.92	2,969	18.20	511	3.13	83	0.51	21	0.13
Jile Tsumiga	2,458	20.76	8,245	69.65	1,028	8.68	104	0.88	3	0.03	-	-
Artuma Fursi	4,097	28.37	8,830	61.14	1,299	8.99	193	1.34	23	0.16	-	-

Table 8.10B:- Number of Crop Holders that Owned Plough-Tip by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No Plough-Tip		One Plough-Tip		Two Plough-Tips		Three Plough-Tips		Four Plough-Tips		Five and above Plough-Tips	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	705,920	23.61	1,963,653	65.69	303,518	10.15	13,255	0.44	1,898	0.06	1,110	0.04
North Gonder Zone	105,127	24.63	263,515	61.74	54,221	12.70	3,495	0.82	204	0.05	236	0.06
Addi Arkay	6,014	25.07	15,020	62.60	2,425	10.11	533	2.22	-	-	-	-
Beyeda	6,395	36.47	10,240	58.39	816	4.65	86	0.49	-	-	-	-
Janamora	9,893	33.90	16,954	58.09	2,228	7.63	109	0.37	-	-	-	-
Debark	4,887	22.74	14,621	68.03	1,838	8.55	120	0.56	26	0.12	-	-
Dabat	6,610	26.89	15,934	64.83	1,998	8.13	36	0.15	-	-	-	-
Sanja	2,812	11.47	16,190	66.02	4,929	20.10	506	2.06	68	0.28	18	0.07
Lay Armacheho	6,792	27.20	16,136	64.61	1,901	7.61	146	0.58	-	-	-	-
Wegera	10,913	29.45	21,216	57.25	4,702	12.69	162	0.44	64	0.17	-	-
Gondar Zuria	10,616	27.25	22,021	56.53	6,108	15.68	212	0.54	-	-	-	-
Dembia	10,291	24.93	24,565	59.52	6,109	14.80	204	0.49	-	-	103	0.25
Chilga	7,083	21.94	21,385	66.24	3,668	11.36	150	0.46	-	-	-	-
Metema	1,663	16.38	7,046	69.41	1,200	11.82	177	1.74	25	0.25	41	0.40
Quara	1,658	17.64	6,533	69.49	1,053	11.20	108	1.15	21	0.22	28	0.30
Alefa	12,814	27.71	27,676	59.85	5,685	12.29	69	0.15	-	-	-	-
Belesa	6,684	14.80	27,977	61.97	9,562	21.18	878	1.94	-	-	47	0.10
South Gonder Zone	81,978	21.90	244,651	65.37	46,248	12.36	1,067	0.29	177	0.05	131	0.04
Ebenat	9,581	22.83	26,083	62.15	6,061	14.44	122	0.29	122	0.29	-	-
Kemekem	7,354	23.89	19,232	62.47	4,131	13.42	69	0.22	-	-	-	-
Fogera	10,440	25.85	20,709	51.27	8,655	21.43	534	1.32	55	0.14	-	-
Farta	8,929	18.75	32,506	68.24	6,066	12.73	55	0.12	-	-	78	0.16
Lay Gayint	9,690	24.65	26,607	67.70	2,888	7.35	118	0.30	-	-	-	-
Tach Gayint	6,049	29.84	13,452	66.36	769	3.79	-	-	-	-	-	-
Simada	10,623	22.59	31,905	67.84	4,453	9.47	-	-	-	-	52	0.11
Estie	10,199	16.06	43,285	68.18	9,836	15.49	169	0.27	-	-	-	-
Dera	9,115	21.01	30,872	71.17	3,389	7.81	-	-	-	-	-	-
North Wollo Zone	73,336	23.84	206,330	67.06	26,507	8.62	1,209	0.39	146	0.05	141	0.05
Bugna	11,374	24.35	30,507	65.30	4,655	9.96	180	0.39	-	-	-	-
Kobo	7,103	17.13	31,897	76.91	2,407	5.80	65	0.16	-	-	-	-
Gidan	9,833	28.45	22,517	65.15	1,950	5.64	178	0.52	-	-	82	0.24
Meket	9,278	19.29	31,613	65.71	6,672	13.87	484	1.01	-	-	60	0.12
Wadala	4,445	16.67	18,339	68.79	3,706	13.90	171	0.64	-	-	-	-
Dawutna Delanta	8,671	24.15	23,934	66.65	3,217	8.96	88	0.25	-	-	-	-
Guba Lafto	8,748	24.57	24,235	68.08	2,523	7.09	43	0.12	51	0.14	-	-
Habru	13,885	35.93	23,288	60.26	1,377	3.56	-	-	95	0.25	-	-
South Wollo Zone	132,009	26.84	337,606	68.64	21,276	4.33	795	0.16	174	0.04	-	-
Mekdela	6,443	20.97	22,979	74.77	1,210	3.94	47	0.15	52	0.17	-	-
Tenta	9,852	27.78	24,035	67.78	1,442	4.07	131	0.37	-	-	-	-
Kutaber	4,664	21.54	15,258	70.47	1,603	7.40	100	0.46	27	0.12	-	-
Ambasel	6,021	22.84	19,113	72.49	1,201	4.56	30	0.11	-	-	-	-
Tehuledere	6,411	27.08	16,435	69.43	763	3.22	62	0.26	-	-	-	-
Werebabu	5,817	27.36	13,540	63.69	1,877	8.83	26	0.12	-	-	-	-
Kalu	12,306	31.41	25,634	65.43	1,237	3.16	-	-	-	-	-	-
Dessie Zuria	19,064	29.36	42,925	66.11	2,789	4.30	156	0.24	-	-	-	-
Legambo	11,762	33.04	22,471	63.12	1,313	3.69	-	-	52	0.15	-	-
Sayint	9,350	20.85	33,987	75.77	1,516	3.38	-	-	-	-	-	-
Debresina	10,655	29.05	24,829	67.70	1,189	3.24	-	-	-	-	-	-
Kelala	6,590	22.02	21,050	70.34	2,199	7.35	85	0.28	-	-	-	-
Jama	7,614	30.37	16,339	65.18	1,075	4.29	40	0.16	-	-	-	-
Were Ilu	8,296	27.92	20,581	69.26	762	2.56	76	0.26	-	-	-	-
Wegde	7,161	26.74	18,431	68.83	1,101	4.11	43	0.16	43	0.16	-	-
North Shewa (Amhara) Zone	86,701	25.59	211,819	62.53	37,749	11.14	1,655	0.49	563	0.17	276	0.08
Middana Weremo	5,183	31.13	10,166	61.05	1,253	7.52	50	0.30	-	-	-	-
Merhabete	5,196	22.56	15,653	67.95	2,101	9.12	28	0.12	27	0.12	30	0.13
Insarona Wayu	7,025	28.65	13,921	56.77	3,513	14.33	27	0.11	37	0.15	-	-
Moretna Jiru	3,863	22.34	12,016	69.50	1,364	7.89	24	0.14	22	0.13	-	-

Table 8.10B:- Number of Crop Holders that Owned Plough-Tip by Geographic Area. (Continued.)

Geographic Area	Number of Crop Holders that Owned											
	No Plough-Tip		One Plough-Tip		Two Plough-Tips		Three Plough-Tips		Four Plough-Tips		Five and above Plough-Tips	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,333	26.89	16,489	60.47	3,201	11.74	207	0.76	-	-	38	0.14
Geshe	2,965	25.34	8,252	70.52	484	4.14	-	-	-	-	-	-
Antsokiya Gemza	4,634	35.69	8,147	62.74	185	1.42	-	-	19	0.15	-	-
Efratana Gidim	4,526	24.18	13,318	71.14	828	4.42	-	-	24	0.13	25	0.13
Lalo Midir	6,109	25.69	16,464	69.23	1,207	5.08	-	-	-	-	-	-
Mojana Wadera	4,076	27.19	10,024	66.88	889	5.93	-	-	-	-	-	-
Tarma Ber	4,834	28.19	10,466	61.03	1,755	10.23	62	0.36	33	0.19	-	-
Kewet	5,464	26.79	13,117	64.30	1,818	8.91	-	-	-	-	-	-
Asagirt	2,159	22.43	6,256	65.00	1,186	12.32	24	0.25	-	-	-	-
Angolelana Tera	3,091	20.70	8,266	55.37	3,202	21.45	258	1.73	96	0.64	17	0.11
Ankober	3,857	24.36	10,609	67.00	1,306	8.25	40	0.25	22	0.14	-	-
Hagere Mariam	2,477	23.25	6,116	57.41	1,921	18.03	129	1.21	-	-	11	0.10
Berehet	644	11.90	3,848	71.07	864	15.96	58	1.07	-	-	-	-
Minjarna Shenkora	4,543	19.82	11,294	49.28	6,106	26.64	650	2.84	209	0.91	118	0.51
Basona Werana	8,724	28.24	17,395	56.31	4,564	14.77	99	0.32	75	0.24	37	0.12
East Gojam Zone	77,617	20.58	244,460	64.81	52,987	14.05	1,823	0.48	227	0.06	94	0.02
Bibugn	5,214	25.58	14,651	71.89	487	2.39	-	-	-	-	28	0.14
Hulet Ej Enese	7,849	18.29	31,810	74.11	3,065	7.14	68	0.16	64	0.15	66	0.15
Goncha Siso Enese	5,788	21.73	19,159	71.94	1,684	6.32	-	-	-	-	-	-
Enbise Sar Midir	5,741	21.88	19,671	74.95	832	3.17	-	-	-	-	-	-
Enarj Enawga	5,858	18.65	22,838	72.71	2,627	8.36	85	0.27	-	-	-	-
Enemay	5,622	21.37	15,086	57.35	5,523	20.99	76	0.29	-	-	-	-
Debay Telatgen	4,373	18.08	15,606	64.54	4,022	16.63	181	0.75	-	-	-	-
Machakel	6,210	16.16	24,128	62.78	7,636	19.87	458	1.19	-	-	-	-
Guzamn	7,226	16.88	30,346	70.88	5,025	11.74	217	0.51	-	-	-	-
Baso Liben	6,273	24.04	15,521	59.49	4,165	15.96	133	0.51	-	-	-	-
Awabel	5,735	17.86	15,638	48.70	10,143	31.59	480	1.49	115	0.36	-	-
Dejen	5,049	24.91	8,396	41.43	6,648	32.80	125	0.62	49	0.24	-	-
Shebel Berenta	6,678	34.39	11,609	59.78	1,132	5.83	-	-	-	-	-	-
West Gojam Zone	80,686	21.70	255,016	68.60	34,968	9.41	979	0.26	75	0.02	39	0.01
Achefer	9,086	18.93	33,240	69.26	5,560	11.59	104	0.22	-	-	-	-
Bahir Dar Zuria	11,616	25.94	28,297	63.20	4,740	10.59	124	0.28	-	-	-	-
Yilman Densa	14,497	27.16	36,494	68.37	2,387	4.47	-	-	-	-	-	-
Merawi	11,145	23.31	33,501	70.07	3,044	6.37	121	0.25	-	-	-	-
Sekela	4,017	15.60	20,286	78.78	1,448	5.62	-	-	-	-	-	-
Kuarit	5,897	19.65	22,254	74.15	1,831	6.10	30	0.10	-	-	-	-
Dega Damot	6,380	22.17	22,037	76.57	364	1.26	-	-	-	-	-	-
Dembecha	3,405	15.55	14,146	64.61	4,185	19.11	132	0.60	28	0.13	-	-
Jabi Tehnan	7,359	20.67	23,128	64.97	5,063	14.22	46	0.13	-	-	-	-
Bure Wemberma	7,285	20.37	21,633	60.47	6,346	17.74	422	1.18	47	0.13	39	0.11
Waghamra Zone	13,609	17.99	51,601	68.21	8,982	11.87	1,055	1.39	262	0.35	145	0.19
Zikuala	1,673	12.57	8,438	63.42	2,618	19.68	382	2.87	104	0.78	90	0.68
Sekota	6,190	18.35	22,641	67.10	4,159	12.33	537	1.59	158	0.47	55	0.16
Dehana	5,747	20.09	20,522	71.73	2,205	7.71	136	0.48	-	-	-	-
Awi Zone	35,231	23.07	99,570	65.20	16,816	11.01	1,051	0.69	28	0.02	27	0.02
Dangela	6,486	19.08	22,206	65.32	4,887	14.37	418	1.23	-	-	-	-
Banja	5,105	19.69	19,566	75.47	1,206	4.65	50	0.19	-	-	-	-
Ankesha	11,648	30.61	22,378	58.80	3,880	10.20	150	0.39	-	-	-	-
Guangua	7,420	23.73	19,280	61.65	4,316	13.80	257	0.82	-	-	-	-
Faggeta Lekoma	4,574	19.49	16,139	68.76	2,527	10.77	176	0.75	28	0.12	27	0.12
Oromia Zone	19,624	27.01	49,084	67.55	3,764	5.18	128	0.18	42	0.06	21	0.03
Chefe Golana Dawe Rahimedo	9,701	32.26	18,448	61.34	1,857	6.17	27	0.09	42	0.14	-	-
Bati	3,547	21.75	11,649	71.43	1,027	6.30	65	0.40	-	-	21	0.13
Jile Tsumiga	2,267	19.15	9,197	77.69	355	3.00	19	0.16	-	-	-	-
Artuma Fursi	4,110	28.46	9,790	67.79	525	3.64	17	0.12	-	-	-	-

Table 8.11B.- Number of Crop Holders that Owned 'wegel'-Tip by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No 'wegel'-Tip		One 'wegel'-Tip		Two 'wegel'-Tips		Three 'wegel'-Tips		Four 'wegel'-Tips		Five and above 'wegel'-Tips	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	706,445	23.63	2,035,193	68.08	231,909	7.76	11,467	0.38	2,720	0.09	1,620	0.05
North Gonder Zone	106,273	24.90	277,127	64.93	39,965	9.36	2,144	0.50	891	0.21	398	0.09
Addi Arkay	5,887	24.54	14,780	61.60	3,120	13.00	170	0.71	-	-	35	0.15
Beyeda	6,217	35.45	10,439	59.53	794	4.53	68	0.39	19	0.11	-	-
Janamora	9,122	31.26	17,888	61.29	2,026	6.94	80	0.27	26	0.09	42	0.14
Debark	5,022	23.37	13,971	65.01	1,977	9.20	93	0.43	281	1.31	148	0.69
Dabat	6,544	26.63	16,128	65.62	1,622	6.60	200	0.81	84	0.34	-	-
Sanja	3,228	13.16	17,053	69.54	3,760	15.33	340	1.39	142	0.58	-	-
Lay Armacheho	7,534	30.17	16,143	64.64	1,265	5.07	33	0.13	-	-	-	-
Wegera	11,145	30.08	22,410	60.47	3,245	8.76	53	0.14	140	0.38	64	0.17
Gondar Zuria	10,186	26.15	25,846	66.34	2,872	7.37	-	-	53	0.14	-	-
Dembia	9,408	22.80	29,500	71.48	2,256	5.47	61	0.15	-	-	47	0.11
Chilga	7,328	22.70	22,242	68.89	2,716	8.41	-	-	-	-	-	-
Metema	1,588	15.64	7,084	69.78	1,296	12.77	96	0.95	55	0.54	33	0.33
Quara	1,639	17.43	6,351	67.56	1,301	13.84	53	0.56	28	0.30	29	0.31
Alefa	13,362	28.89	27,742	59.99	5,031	10.88	109	0.24	-	-	-	-
Belesa	8,064	17.86	29,551	65.45	6,683	14.80	789	1.75	61	0.14	-	-
South Gonder Zone	83,333	22.27	268,643	71.78	21,325	5.70	641	0.17	123	0.03	187	0.05
Ebenat	9,419	22.44	29,204	69.58	3,299	7.86	-	-	47	0.11	-	-
Kemekem	7,898	25.65	21,066	68.43	1,727	5.61	51	0.17	-	-	44	0.14
Fogera	10,062	24.91	27,139	67.19	2,941	7.28	251	0.62	-	-	-	-
Farta	9,512	19.97	35,583	74.70	2,461	5.17	-	-	-	-	78	0.16
Lay Gayint	9,468	24.09	27,501	69.97	2,180	5.55	154	0.39	-	-	-	-
Tach Gayint	6,081	30.00	13,749	67.83	440	2.17	-	-	-	-	-	-
Simada	10,762	22.88	34,522	73.40	1,673	3.56	-	-	76	0.16	-	-
Estie	10,847	17.08	47,892	75.43	4,624	7.28	126	0.20	-	-	-	-
Dera	9,287	21.41	31,986	73.74	1,980	4.56	58	0.13	-	-	65	0.15
North Wollo Zone	73,252	23.81	207,867	67.56	24,580	7.99	1,510	0.49	384	0.12	76	0.02
Bugna	11,608	24.85	30,739	65.80	4,177	8.94	192	0.41	-	-	-	-
Kobo	7,140	17.22	31,432	75.79	2,835	6.84	65	0.16	-	-	-	-
Gidan	9,641	27.90	22,522	65.17	2,198	6.36	125	0.36	74	0.21	-	-
Meket	9,458	19.66	32,720	68.02	5,132	10.67	632	1.31	165	0.34	-	-
Wadala	4,388	16.46	18,448	69.19	3,580	13.43	171	0.64	45	0.17	29	0.11
Dawutna Delanta	8,795	24.49	24,130	67.20	2,840	7.91	88	0.25	57	0.16	-	-
Guba Lafto	8,624	24.22	24,468	68.73	2,421	6.80	87	0.24	-	-	-	-
Habru	13,601	35.19	23,408	60.57	1,397	3.61	149	0.39	43	0.11	47	0.12
South Wollo Zone	130,387	26.51	336,324	68.38	24,092	4.90	767	0.16	177	0.04	113	0.02
Mekdela	6,138	19.97	23,236	75.61	1,357	4.42	-	-	-	-	-	-
Tenta	9,765	27.54	23,855	67.27	1,569	4.42	271	0.76	-	-	-	-
Kutaber	4,578	21.14	14,439	66.69	2,559	11.82	76	0.35	-	-	-	-
Ambasel	6,138	23.28	18,714	70.98	1,485	5.63	28	0.11	-	-	-	-
Tehuledere	6,329	26.74	16,437	69.44	843	3.56	62	0.26	-	-	-	-
Werebabu	5,961	28.04	13,700	64.44	1,548	7.28	51	0.24	-	-	-	-
Kalu	12,104	30.90	25,306	64.59	1,767	4.51	-	-	-	-	-	-
Dessie Zuria	18,940	29.17	42,579	65.57	3,259	5.02	-	-	102	0.16	54	0.08
Legambo	11,576	32.52	22,631	63.57	1,391	3.91	-	-	-	-	-	-
Sayint	9,481	21.14	34,010	75.83	1,303	2.91	-	-	-	-	59	0.13
Debresina	10,575	28.84	24,785	67.58	1,229	3.35	84	0.23	-	-	-	-
Kelala	6,335	21.17	21,319	71.24	2,145	7.17	125	0.42	-	-	-	-
Jama	7,438	29.67	16,121	64.31	1,471	5.87	38	0.15	-	-	-	-
Were Ilu	8,114	27.31	20,534	69.10	1,067	3.59	-	-	-	-	-	-
Wegde	6,915	25.82	18,659	69.68	1,098	4.10	32	0.12	75	0.28	-	-
North Shewa (Amhara) Zone	87,411	25.80	214,118	63.21	34,598	10.21	2,089	0.62	339	0.10	208	0.06
Middana Weremo	5,355	32.16	10,066	60.45	1,202	7.22	29	0.17	-	-	-	-
Merhabete	5,468	23.74	15,728	68.28	1,741	7.56	71	0.31	27	0.12	-	-
Insarona Wayu	7,064	28.81	14,482	59.05	2,886	11.77	27	0.11	37	0.15	27	0.11
Moretna Jiru	3,947	22.83	12,187	70.49	1,131	6.54	24	0.14	-	-	-	-

Table 8.11B:- Number of Crop Holders that Owned 'wegel'-Tip by Geographic Area. (Continued)

Geographic Area	Number of Crop Holders that Owned											
	No 'wegel'-Tip		One 'wegel'-Tip		Two 'wegel'-Tips		Three 'wegel'-Tips		Four 'wegel'-Tips		Five and above 'wegel'-Tips	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,462	27.37	16,300	59.78	3,075	11.28	431	1.58	-	-	-	-
Geshe	2,979	25.46	8,121	69.40	571	4.88	30	0.26	-	-	-	-
Antsokiya Gemza	4,546	35.01	8,060	62.07	347	2.67	32	0.25	-	-	-	-
Efratana Gidim	4,487	23.97	13,345	71.28	820	4.38	46	0.25	23	0.12	-	-
Lalo Midir	6,012	25.28	16,111	67.75	1,543	6.49	58	0.24	29	0.12	27	0.11
Mojana Wadera	4,102	27.37	9,968	66.50	826	5.51	76	0.51	-	-	17	0.11
Tarma Ber	5,026	29.31	10,184	59.38	1,677	9.78	215	1.25	17	0.10	31	0.18
Kewet	5,697	27.93	12,784	62.67	1,867	9.15	51	0.25	-	-	-	-
Asagirt	2,163	22.47	6,375	66.23	1,062	11.03	25	0.26	-	-	-	-
Angolelana Tera	3,087	20.68	9,194	61.58	2,383	15.96	200	1.34	33	0.22	33	0.22
Ankober	3,762	23.76	10,432	65.88	1,600	10.10	40	0.25	-	-	-	-
Hagere Mariam	2,434	22.85	6,397	60.04	1,697	15.93	115	1.08	-	-	11	0.10
Berehet	666	12.30	3,682	68.01	1,022	18.88	44	0.81	-	-	-	-
Minjama Shenkora	4,547	19.84	12,047	52.56	5,729	25.00	433	1.89	101	0.44	63	0.27
Basona Werana	8,605	27.85	18,657	60.39	3,418	11.06	143	0.46	71	0.23	-	-
East Gojam Zone	77,460	20.54	268,337	71.14	29,961	7.94	1,198	0.32	103	0.03	149	0.04
Bibugn	5,454	26.76	14,309	70.21	455	2.23	109	0.53	-	-	53	0.26
Hulet Ej Enese	7,758	18.07	33,713	78.54	1,319	3.07	132	0.31	-	-	-	-
Goncha Siso Enese	5,585	20.97	19,894	74.70	1,115	4.19	-	-	37	0.14	-	-
Enbise Sar Midir	5,723	21.81	19,847	75.62	674	2.57	-	-	-	-	-	-
Enarj Enawga	6,222	19.81	23,504	74.83	1,682	5.36	-	-	-	-	-	-
Enemay	5,318	20.22	19,458	73.97	1,531	5.82	-	-	-	-	-	-
Debay Telatgen	4,238	17.53	17,769	73.48	2,072	8.57	103	0.43	-	-	-	-
Machakel	6,056	15.76	26,436	68.79	5,788	15.06	97	0.25	-	-	55	0.14
Guzamn	6,993	16.33	31,327	73.17	4,274	9.98	220	0.51	-	-	-	-
Baso Liben	6,212	23.81	16,940	64.92	2,765	10.60	103	0.39	30	0.11	42	0.16
Awabel	5,811	18.10	20,020	62.35	5,859	18.25	385	1.20	36	0.11	-	-
Dejen	5,287	26.09	12,907	63.68	2,049	10.11	24	0.12	-	-	-	-
Shebel Berenta	6,803	35.03	12,212	62.89	378	1.95	26	0.13	-	-	-	-
West Gojam Zone	80,463	21.64	262,741	70.67	27,023	7.27	1,246	0.34	213	0.06	77	0.02
Achefer	8,820	18.38	34,540	71.97	4,585	9.55	45	0.09	-	-	-	-
Bahir Dar Zuria	11,361	25.37	29,069	64.92	4,226	9.44	121	0.27	-	-	-	-
Yilman Densa	15,254	28.58	36,767	68.88	1,357	2.54	-	-	-	-	-	-
Merawi	11,161	23.34	33,826	70.75	2,615	5.47	209	0.44	-	-	-	-
Sekela	4,014	15.59	20,701	80.39	930	3.61	106	0.41	-	-	-	-
Kuarit	6,035	20.11	23,232	77.41	676	2.25	69	0.23	-	-	-	-
Dega Damot	5,951	20.68	22,192	77.11	569	1.98	-	-	31	0.11	38	0.13
Dembecha	3,519	16.07	14,615	66.75	3,534	16.14	145	0.66	83	0.38	-	-
Jabi Tehnan	7,291	20.48	25,180	70.74	2,979	8.37	100	0.28	46	0.13	-	-
Bure Wemberma	7,061	19.74	22,618	63.23	5,551	15.52	450	1.26	53	0.15	39	0.11
Waghamra Zone	13,544	17.90	51,412	67.96	9,260	12.24	829	1.10	219	0.29	390	0.52
Zikuala	1,902	14.30	8,816	66.26	2,225	16.72	162	1.22	132	0.99	68	0.51
Sekota	6,146	18.22	22,426	66.47	4,171	12.36	627	1.86	48	0.14	322	0.95
Dehana	5,496	19.21	20,170	70.50	2,865	10.01	40	0.14	39	0.14	-	-
Awi Zone	34,532	22.61	99,591	65.21	17,524	11.47	961	0.63	115	0.08	-	-
Dangela	6,295	18.52	22,216	65.35	4,977	14.64	423	1.24	86	0.25	-	-
Banja	4,937	19.04	19,430	74.94	1,441	5.56	119	0.46	-	-	-	-
Ankesha	11,583	30.44	22,292	58.58	4,059	10.67	122	0.32	-	-	-	-
Guangua	7,208	23.05	19,111	61.11	4,658	14.89	296	0.95	-	-	-	-
Faggeta Lekoma	4,511	19.22	16,543	70.48	2,388	10.17	-	-	29	0.12	-	-
Oromia Zone	19,791	27.24	49,032	67.48	3,581	4.93	82	0.11	156	0.21	21	0.03
Chefe Golana Dawe Rahimedo	9,597	31.91	18,940	62.98	1,403	4.67	-	-	135	0.45	-	-
Bati	3,774	23.14	11,238	68.91	1,190	7.30	65	0.40	21	0.13	21	0.13
Jile Tsumiga	2,282	19.28	9,167	77.44	389	3.29	-	-	-	-	-	-
Artuma Fursi	4,138	28.65	9,688	67.08	599	4.15	17	0.12	-	-	-	-

Table 8.12B:- Number of Crop Holders that Owned Yoke by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No Yoke		One Yoke		Two Yokes		Three Yokes		Four Yokes		Five and above Yokes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	694,412	23.23	1,845,378	61.73	418,122	13.99	23,469	0.79	6,517	0.22	1,456	0.05
North Gonder Zone	92,136	21.59	254,724	59.68	71,957	16.86	5,227	1.22	2,386	0.56	368	0.09
Addi Arkay	5,301	22.09	12,383	51.61	5,737	23.91	477	1.99	69	0.29	25	0.10
Beyeda	5,219	29.76	8,868	50.57	2,942	16.78	337	1.92	126	0.72	45	0.26
Janamora	8,082	27.69	14,901	51.06	5,869	20.11	269	0.92	63	0.22	-	-
Debark	4,435	20.64	11,842	55.10	3,510	16.33	458	2.13	1,127	5.24	120	0.56
Dabat	5,671	23.07	15,195	61.82	3,252	13.23	359	1.46	83	0.34	18	0.07
Sanja	2,340	9.54	17,606	71.79	4,336	17.68	241	0.98	-	-	-	-
Lay Armacheho	6,431	25.75	14,569	58.33	3,282	13.14	440	1.76	213	0.85	40	0.16
Wegera	9,206	24.84	21,582	58.24	5,823	15.71	226	0.61	220	0.59	-	-
Gondar Zuria	9,516	24.43	22,425	57.56	6,671	17.12	345	0.89	-	-	-	-
Dembia	9,837	23.83	28,512	69.08	2,867	6.95	56	0.14	-	-	-	-
Chilga	5,495	17.02	20,848	64.57	5,663	17.54	125	0.39	117	0.36	38	0.12
Metema	1,374	13.53	6,868	67.65	1,715	16.89	83	0.82	49	0.48	63	0.62
Quara	1,289	13.71	6,357	67.62	1,688	17.96	47	0.50	-	-	20	0.21
Alefa	10,942	23.66	28,215	61.01	6,864	14.84	183	0.40	40	0.09	-	-
Belesa	6,993	15.49	24,554	54.39	11,740	26.00	1,581	3.50	280	0.62	-	-
South Gonder Zone	84,081	22.47	240,234	64.19	47,035	12.57	2,504	0.67	308	0.08	90	0.02
Ebenat	8,613	20.52	23,190	55.26	9,613	22.91	447	1.07	59	0.14	47	0.11
Kemekem	7,193	23.36	19,290	62.66	4,096	13.30	207	0.67	-	-	-	-
Fogera	10,577	26.19	25,169	62.31	4,181	10.35	419	1.04	47	0.12	-	-
Farta	10,742	22.55	32,108	67.41	4,522	9.49	203	0.43	59	0.12	-	-
Lay Gayint	9,492	24.15	22,670	57.68	6,604	16.80	482	1.23	55	0.14	-	-
Tach Gayint	5,670	27.97	11,423	56.35	3,022	14.91	130	0.64	25	0.12	-	-
Simada	11,253	23.93	32,002	68.04	3,668	7.80	110	0.23	-	-	-	-
Estie	11,626	18.31	42,910	67.59	8,489	13.37	401	0.63	63	0.10	-	-
Dera	8,917	20.56	31,471	72.55	2,840	6.55	105	0.24	-	-	43	0.10
North Wollo Zone	75,695	24.60	179,153	58.23	48,510	15.77	3,248	1.06	896	0.29	167	0.05
Bugna	12,244	26.21	23,709	50.75	9,642	20.64	883	1.89	238	0.51	-	-
Kobo	7,610	18.35	26,959	65.01	6,551	15.80	228	0.55	65	0.16	59	0.14
Gidan	9,598	27.77	20,419	59.08	4,346	12.58	197	0.57	-	-	-	-
Meket	9,346	19.43	26,693	55.49	10,271	21.35	1,376	2.86	421	0.88	-	-
Wadala	4,422	16.59	16,257	60.98	5,594	20.98	247	0.93	77	0.29	64	0.24
Dawutna Delanta	8,917	24.83	22,235	61.92	4,539	12.64	174	0.48	-	-	45	0.13
Guba Lafto	9,641	27.08	21,809	61.26	4,107	11.54	43	0.12	-	-	-	-
Habru	13,918	36.02	21,071	54.52	3,460	8.95	101	0.26	95	0.25	-	-
South Wollo Zone	131,529	26.74	303,960	61.80	52,794	10.73	2,959	0.60	425	0.09	193	0.04
Mekdela	6,296	20.49	21,970	71.49	2,428	7.90	37	0.12	-	-	-	-
Tenta	10,170	28.68	22,942	64.70	2,311	6.52	37	0.10	-	-	-	-
Kutaber	4,637	21.42	13,469	62.21	3,254	15.03	216	1.00	49	0.23	27	0.12
Ambasel	6,082	23.07	14,457	54.83	5,070	19.23	582	2.21	139	0.53	35	0.13
Tehuledere	6,596	27.87	14,249	60.20	2,575	10.88	222	0.94	29	0.12	-	-
Werebabu	5,598	26.33	12,746	59.95	2,688	12.64	202	0.95	26	0.12	-	-
Kalu	12,325	31.46	20,980	53.55	5,393	13.77	479	1.22	-	-	-	-
Dessie Zuria	18,391	28.32	39,110	60.23	6,989	10.76	255	0.39	87	0.13	102	0.16
Legambo	11,930	33.51	21,503	60.41	2,088	5.87	39	0.11	38	0.11	-	-
Sayint	9,564	21.32	28,470	63.47	6,332	14.12	431	0.96	56	0.12	-	-
Debresina	10,632	28.99	22,822	62.23	3,126	8.52	93	0.25	-	-	-	-
Kelala	6,655	22.24	19,937	66.63	3,143	10.50	189	0.63	-	-	-	-
Jama	7,711	30.76	14,388	57.40	2,843	11.34	96	0.38	-	-	30	0.12
Were Ilu	8,346	28.09	18,969	63.84	2,362	7.95	38	0.13	-	-	-	-
Wegde	6,595	24.63	17,949	67.03	2,192	8.19	43	0.16	-	-	-	-
North Shewa (Amhara) Zone	88,027	25.98	201,526	59.49	46,193	13.64	2,284	0.67	552	0.16	181	0.05
Middana Weremo	5,168	31.04	8,657	51.99	2,635	15.82	99	0.59	93	0.56	-	-
Merhabete	5,226	22.69	12,689	55.09	4,815	20.90	219	0.95	57	0.25	29	0.13
Insarona Wayu	7,319	29.85	13,922	56.77	3,138	12.80	107	0.44	37	0.15	-	-
Moretna Jiru	4,132	23.90	10,912	63.12	2,096	12.12	105	0.61	22	0.13	22	0.13

Table 8.12B:- Number of Crop Holders that Owned Yoke by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Yoke		One Yoke		Two Yokes		Three Yokes		Four Yokes		Five and above Yokes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,495	27.49	16,180	59.34	3,494	12.81	26	0.10	73	0.27	-	-
Geshe	3,093	26.43	7,322	62.58	1,241	10.61	45	0.38	-	-	-	-
Antsokiya Gemza	4,503	34.68	6,584	50.70	1,800	13.86	78	0.60	20	0.15	-	-
Efratana Gidim	4,435	23.69	11,515	61.51	2,464	13.16	220	1.18	41	0.22	46	0.25
Lalo Midir	6,091	25.61	15,268	64.21	2,361	9.93	60	0.25	-	-	-	-
Mojana Wadera	4,088	27.27	9,525	63.55	1,340	8.94	17	0.11	19	0.13	-	-
Tarma Ber	5,012	29.22	9,396	54.79	2,664	15.53	62	0.36	16	0.09	-	-
Kewet	5,576	27.33	12,344	60.51	2,429	11.91	50	0.25	-	-	-	-
Asagirt	2,133	22.16	6,529	67.83	951	9.88	-	-	-	-	12	0.12
Angolelana Tera	3,104	20.79	9,457	63.34	2,084	13.96	223	1.49	42	0.28	20	0.13
Ankober	3,900	24.63	10,494	66.28	1,377	8.70	42	0.27	-	-	21	0.13
Hagere Mariam	2,552	23.95	5,962	55.96	1,978	18.57	151	1.42	11	0.10	-	-
Berehet	629	11.62	3,656	67.53	1,053	19.45	68	1.26	8	0.15	-	-
Minjarna Shenkora	4,525	19.74	12,202	53.24	5,538	24.16	549	2.40	75	0.33	31	0.14
Basona Werana	9,044	29.27	18,914	61.22	2,736	8.86	163	0.53	37	0.12	-	-
East Gojam Zone	75,581	20.04	245,914	65.19	52,777	13.99	2,351	0.62	495	0.13	90	0.02
Bibugn	5,217	25.60	14,161	69.48	921	4.52	81	0.40	-	-	-	-
Hulet Ej Enese	7,216	16.81	31,544	73.49	3,969	9.25	193	0.45	-	-	-	-
Goncha Siso Enese	5,461	20.51	18,123	68.05	3,020	11.34	27	0.10	-	-	-	-
Enbise Sar Midir	5,685	21.66	16,838	64.16	3,513	13.39	165	0.63	-	-	43	0.16
Enarj Enawga	5,561	17.71	22,525	71.72	3,277	10.43	45	0.14	-	-	-	-
Enemay	5,400	20.53	19,136	72.74	1,771	6.73	-	-	-	-	-	-
Debay Telatgen	3,955	16.36	18,056	74.67	1,959	8.10	212	0.88	-	-	-	-
Machakel	5,952	15.49	20,372	53.01	11,118	28.93	698	1.82	245	0.64	47	0.12
Guzamn	7,154	16.71	26,755	62.49	8,680	20.27	109	0.25	116	0.27	-	-
Baso Liben	6,336	24.28	16,236	62.23	3,150	12.07	306	1.17	64	0.25	-	-
Awabel	5,622	17.51	19,062	59.36	6,924	21.56	460	1.43	43	0.13	-	-
Dejen	5,338	26.34	11,493	56.71	3,353	16.54	55	0.27	28	0.14	-	-
Shebel Berenta	6,682	34.41	11,614	59.81	1,123	5.78	-	-	-	-	-	-
West Gojam Zone	77,832	20.94	245,981	66.17	45,949	12.36	1,429	0.38	379	0.10	193	0.05
Achefer	9,010	18.77	32,687	68.11	6,188	12.89	105	0.22	-	-	-	-
Bahir Dar Zuria	11,089	24.76	28,176	62.93	5,339	11.92	119	0.27	-	-	54	0.12
Yilman Densa	13,759	25.78	35,876	67.21	3,594	6.73	75	0.14	-	-	74	0.14
Merawi	10,720	22.42	32,536	68.05	4,487	9.38	-	-	68	0.14	-	-
Sekela	3,975	15.44	18,906	73.42	2,870	11.15	-	-	-	-	-	-
Kuarit	5,340	17.79	22,116	73.69	2,484	8.28	72	0.24	-	-	-	-
Dega Damot	5,801	20.16	21,635	75.17	1,345	4.67	-	-	-	-	-	-
Dembecha	3,570	16.30	11,491	52.48	6,170	28.18	503	2.30	162	0.74	-	-
Jabi Tehnan	7,149	20.08	23,648	66.43	4,565	12.82	186	0.52	48	0.13	-	-
Bure Wemberma	7,416	20.73	18,912	52.87	8,908	24.90	369	1.03	101	0.28	66	0.18
Waghamra Zone	13,542	17.90	42,872	56.67	16,917	22.36	1,625	2.15	575	0.76	123	0.16
Zikuala.	1,743	13.10	7,037	52.89	3,784	28.44	445	3.34	228	1.71	68	0.51
Sekota	6,214	18.42	18,961	56.20	7,704	22.83	600	1.78	206	0.61	55	0.16
Dehana	5,587	19.53	16,875	58.98	5,429	18.98	579	2.02	140	0.49	-	-
Awi Zone	36,280	23.76	85,545	56.01	29,235	19.14	1,248	0.82	388	0.25	27	0.02
Dangela.	6,344	18.66	19,340	56.89	7,853	23.10	334	0.98	126	0.37	-	-
Banja	4,610	17.78	17,770	68.54	3,423	13.20	124	0.48	-	-	-	-
Ankesha	11,647	30.60	18,538	48.71	7,401	19.45	329	0.86	141	0.37	-	-
Guangua	9,047	28.93	15,537	49.68	6,301	20.15	268	0.86	120	0.38	-	-
Faggeta Lekoma	4,634	19.74	14,359	61.18	4,257	18.14	194	0.83	-	-	27	0.12
Oromia Zone	19,712	27.13	45,468	62.57	6,755	9.30	594	0.82	113	0.16	21	0.03
Chefe Golana Dawe Rahimedo	9,394	31.24	17,189	57.15	3,135	10.42	288	0.96	69	0.23	-	-
Bati	3,926	24.07	9,966	61.11	2,139	13.12	213	1.31	44	0.27	21	0.13
Jile Tsumiga	2,309	19.50	8,797	74.31	732	6.18	-	-	-	-	-	-
Artuma Fursi	4,084	28.28	9,516	65.89	749	5.19	93	0.64	-	-	-	-

Table 8.13B - Number of Crop Holders that Owned Sickle by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Sickle		One Sickle		Two Sickles		Three Sickles		Four Sickles		Five and above Sickles	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	302,819	10.13	930,582	31.13	1,086,838	36.36	421,534	14.10	161,539	5.40	86,042	2.88
North Gonder Zone	53,401	12.51	188,799	44.24	133,028	31.17	35,142	8.23	11,428	2.68	5,000	1.17
Addi Arkay	2,335	9.73	12,580	52.43	7,267	30.29	1,248	5.20	529	2.20	33	0.14
Beyeda	2,840	16.19	10,769	61.41	3,261	18.59	515	2.94	92	0.52	60	0.34
Janamora	5,397	18.49	15,159	51.94	7,689	26.35	749	2.57	152	0.52	38	0.13
Debark	1,966	9.15	11,764	54.74	6,090	28.34	1,365	6.35	171	0.80	136	0.63
Dabat	2,735	11.13	12,511	50.90	7,469	30.39	1,336	5.44	367	1.49	160	0.65
Sanja	2,125	8.67	10,917	44.52	8,072	32.92	2,903	11.84	401	1.64	105	0.43
Lay Armacheho	3,642	14.58	10,281	41.17	8,087	32.38	2,063	8.26	660	2.64	242	0.97
Wegera	5,402	14.58	18,125	48.91	11,296	30.48	1,809	4.88	425	1.15	-	-
Gondar Zuria	5,062	12.99	14,478	37.16	13,218	33.93	3,774	9.69	1,384	3.55	1,041	2.67
Dembia	3,662	8.87	8,783	21.28	15,197	36.82	7,675	18.60	3,956	9.59	1,999	4.84
Chilga	3,934	12.18	13,200	40.88	11,289	34.97	2,874	8.90	768	2.38	221	0.68
Metema	1,042	10.26	4,598	45.29	3,048	30.02	719	7.08	360	3.55	385	3.79
Quara	677	7.20	4,827	51.35	2,745	29.20	774	8.23	264	2.81	114	1.21
Alefa	7,060	15.27	20,889	45.17	13,350	28.87	3,653	7.90	826	1.79	466	1.01
Belesa	5,520	12.23	19,918	44.12	14,950	33.11	3,687	8.17	1,073	2.38	-	-
South Gonder Zone	37,056	9.90	88,239	23.58	134,995	36.07	64,641	17.27	28,245	7.55	21,076	5.63
Ebenat	5,815	13.86	13,700	32.64	16,216	38.64	4,573	10.90	1,223	2.91	442	1.05
Kemekem	2,774	9.01	9,914	32.20	9,972	32.39	4,448	14.45	2,027	6.58	1,651	5.36
Fogera	4,018	9.95	7,158	17.72	12,172	30.13	9,155	22.66	3,795	9.40	4,095	10.14
Farta	2,854	5.99	7,587	15.93	18,924	39.73	10,595	22.24	4,756	9.98	2,918	6.13
Lay Gayint	4,590	11.68	18,614	47.36	12,166	30.95	2,713	6.90	687	1.75	533	1.36
Tach Gayint	2,545	12.56	5,748	28.36	7,268	35.86	2,658	13.11	1,354	6.68	697	3.44
Simada	5,786	12.30	8,942	19.01	16,663	35.43	8,395	17.85	4,310	9.16	2,937	6.24
Estie	4,275	6.73	9,163	14.43	24,777	39.03	14,319	22.55	6,680	10.52	4,275	6.73
Dera	4,397	10.14	7,413	17.09	16,837	38.82	7,785	17.95	3,415	7.87	3,529	8.14
North Wollo Zone	30,178	9.81	89,018	28.93	113,328	36.83	48,540	15.78	19,540	6.35	7,065	2.30
Bugna	4,876	10.44	9,402	20.13	18,330	39.24	9,338	19.99	3,681	7.88	1,089	2.33
Kobo	4,558	10.99	19,177	46.24	14,104	34.01	2,816	6.79	760	1.83	57	0.14
Gidan	3,485	10.08	11,248	32.55	12,643	36.58	5,253	15.20	1,360	3.94	571	1.65
Meket	3,176	6.60	10,218	21.24	17,116	35.58	11,431	23.76	4,348	9.04	1,818	3.78
Wadala	1,942	7.28	5,416	20.31	10,179	38.18	4,963	18.62	2,650	9.94	1,511	5.67
Dawutna Delanta	3,900	10.86	7,842	21.84	13,861	38.60	5,672	15.80	3,335	9.29	1,300	3.62
Guba Lafto	3,286	9.23	10,143	28.49	14,553	40.88	4,856	13.64	2,189	6.15	573	1.61
Habru	4,955	12.82	15,572	40.29	12,543	32.46	4,212	10.90	1,216	3.15	147	0.38
South Wollo Zone	41,430	8.42	132,280	26.89	192,995	39.24	84,066	17.09	27,558	5.60	13,531	2.75
Mekdela	2,333	7.59	6,345	20.65	12,771	41.56	5,805	18.89	2,587	8.42	890	2.90
Tenta	3,290	9.28	11,018	31.07	13,409	37.81	5,491	15.49	1,716	4.84	536	1.51
Kutaber	927	4.28	3,331	15.38	8,472	39.13	5,255	24.27	2,513	11.61	1,154	5.33
Ambasel	1,187	4.50	5,671	21.51	10,406	39.47	6,091	23.10	1,755	6.66	1,255	4.76
Tehuledere	2,153	9.10	7,357	31.08	10,196	43.07	2,935	12.40	749	3.16	281	1.19
Werebabu	1,679	7.90	5,162	24.28	9,102	42.81	3,886	18.28	1,033	4.86	398	1.87
Kalu	2,176	5.55	11,283	28.80	14,999	38.29	8,106	20.69	1,659	4.23	954	2.44
Dessie Zuria	4,766	7.34	16,355	25.19	23,183	35.70	13,508	20.80	4,065	6.26	3,057	4.71
Legambo	5,208	14.63	13,156	36.96	12,773	35.88	3,275	9.20	756	2.12	430	1.21
Sayint	2,855	6.37	9,646	21.51	18,562	41.38	8,322	18.55	3,650	8.14	1,818	4.05
Debresina	4,152	11.32	11,231	30.62	14,386	39.23	5,026	13.70	1,308	3.57	570	1.55
Kelala	2,448	8.18	8,806	29.43	12,500	41.77	4,242	14.18	1,596	5.33	332	1.11
Jama	1,926	7.68	7,270	29.00	10,087	40.24	3,623	14.45	1,370	5.47	792	3.16
Were Ilu	3,175	10.68	7,430	25.00	11,728	39.47	4,892	16.46	1,735	5.84	755	2.54
Wegde	3,155	11.78	8,219	30.69	10,420	38.91	3,610	13.48	1,066	3.98	309	1.15
North Shewa (Amhara) Zone	38,456	11.35	81,492	24.06	118,829	35.08	56,008	16.53	25,627	7.56	18,351	5.42
Middana Weremo	1,866	11.21	5,998	36.02	6,407	38.48	1,678	10.08	546	3.28	157	0.94
Merhabete	2,014	8.74	5,251	22.80	8,244	35.79	4,718	20.48	1,897	8.24	911	3.95
Insarona Wayu	3,044	12.41	4,416	18.01	8,582	35.00	4,241	17.29	2,503	10.21	1,737	7.08
Moretna Jiru	2,080	12.03	3,193	18.47	6,035	34.91	3,427	19.82	1,521	8.80	1,033	5.97

Table 8.13B:- Number of Crop Holders that Owned Sickle by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Sickle		One Sickle		Two Sickles		Three Sickles		Four Sickles		Five and above Sickles	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	2,818	10.33	6,620	24.28	10,434	38.26	3,996	14.65	2,006	7.36	1,394	5.11
Geshe	1,223	10.45	3.078	26.31	4,245	36.28	2,133	18.23	763	6.52	259	2.21
Antsokiya Gemza	1,277	9.83	5,415	41.70	5,001	38.51	1,010	7.78	239	1.84	43	0.33
Efratana Gidim	1,830	9.78	5,999	32.04	7,562	40.39	2,503	13.37	631	3.37	196	1.05
Lalo Midir	2,033	8.55	4,796	20.17	8,644	36.35	5,018	21.10	2,184	9.18	1,105	4.65
Mojana Wadera	1,955	13.04	1,644	10.97	4,385	29.25	3,194	21.31	1,934	12.90	1,877	12.52
Tarma Ber	2,076	12.10	3,901	22.75	5,540	32.30	3,041	17.73	1,542	8.99	1,050	6.12
Kewet	2,884	14.14	5,549	27.20	6,941	34.03	2,665	13.06	1,358	6.66	1,002	4.91
Asagirt	741	7.70	2,339	24.30	3,706	38.50	1,756	18.24	748	7.77	335	3.48
Angolelana Tera	1,662	11.13	2,383	15.96	5,563	37.26	2,871	19.23	1,471	9.85	980	6.56
Ankober	1,321	8.34	3,686	23.28	5,982	37.78	3,149	19.89	970	6.13	726	4.59
Hagere Mariam	1,120	10.51	2,816	26.43	3,844	36.08	1,650	15.49	681	6.39	543	5.10
Berehet	546	10.08	1,343	24.81	2,479	45.79	792	14.63	192	3.55	62	1.15
Minjarna Shenkora	3,948	17.23	8,985	39.20	7,281	31.77	1,776	7.75	790	3.45	140	0.61
Basona Werana	4,012	12.99	4,080	13.21	7,954	25.75	6,392	20.69	3,653	11.82	4,803	15.55
East Gojam Zone	35,672	9.46	136,779	36.26	138,387	36.69	44,927	11.91	15,576	4.13	5,867	1.56
Bibugn	3,015	14.79	9,826	48.21	6,362	31.22	1,012	4.97	90	0.44	75	0.37
Hulet Ej Enese	5,900	13.75	23,011	53.61	11,474	26.73	1,772	4.13	529	1.23	236	0.55
Goncha Siso Enese	3,261	12.25	10,498	39.42	10,001	37.55	2,388	8.97	453	1.70	30	0.11
Enbise Sar Midir	3,694	14.08	9,531	36.32	10,042	38.26	2,142	8.16	593	2.26	242	0.92
Enarj Enawga	3,977	12.66	15,949	50.78	9,232	29.39	1,850	5.89	342	1.09	58	0.18
Enemay	2,692	10.23	9,192	34.94	10,457	39.75	2,610	9.92	1,069	4.06	287	1.09
Debay Telatgen	1,539	6.36	11,869	49.08	8,438	34.89	1,809	7.48	424	1.75	103	0.43
Machakel	1,809	4.71	8,071	21.00	15,635	40.68	7,983	20.77	3,536	9.20	1,398	3.64
Guzamn	2,323	5.43	12,889	30.10	17,736	41.43	6,496	15.17	2,377	5.55	993	2.32
Baso Liben	1,003	3.84	5,311	20.35	11,251	43.12	5,181	19.86	2,208	8.46	1,138	4.36
Awabel	2,074	6.46	8,820	27.47	13,020	40.55	5,557	17.31	2,147	6.69	493	1.54
Dejen	1,854	9.15	5,146	25.39	7,547	37.24	3,885	19.17	1,158	5.71	677	3.34
Shebel Berenta	2,531	13.03	6,665	34.32	7,192	37.04	2,242	11.55	651	3.35	138	0.71
West Gojam Zone	42,078	11.32	129,759	34.90	139,270	37.46	41,940	11.28	13,378	3.60	5,338	1.44
Achefer	4,505	9.39	19,869	41.40	18,002	37.51	4,104	8.55	1,395	2.91	115	0.24
Bahir Dar Zuria	7,904	17.65	13,540	30.24	16,405	36.64	4,200	9.38	1,987	4.44	741	1.65
Yilman Densa	7,104	13.31	22,416	41.99	17,206	32.23	4,983	9.34	1,142	2.14	527	0.99
Merawi	3,532	7.39	17,624	36.86	18,793	39.31	5,401	11.30	1,756	3.67	705	1.47
Sekela	2,589	10.05	5,887	22.86	11,205	43.51	3,811	14.80	1,423	5.53	836	3.25
Kuarit	2,941	9.80	13,963	46.52	9,903	33.00	2,437	8.12	558	1.86	210	0.70
Dega Damot	3,440	11.95	11,766	40.88	11,138	38.70	2,010	6.98	348	1.21	79	0.27
Dembecha	3,073	14.03	3,960	18.09	8,711	39.78	4,145	18.93	1,547	7.07	460	2.10
Jabi Tehnan	3,102	8.71	11,953	33.58	14,080	39.56	4,641	13.04	1,222	3.43	598	1.68
Bure Wemberma	3,891	10.88	8,780	24.54	13,825	38.65	6,208	17.35	2,001	5.59	1,067	2.98
Waghamra Zone	4,340	5.74	26,042	34.42	29,911	39.54	10,152	13.42	3,843	5.08	1,366	1.81
Zikuala.	737	5.54	6,063	45.57	4,447	33.42	1,322	9.94	501	3.77	235	1.77
Sekota	1,988	5.89	11,089	32.87	13,550	40.16	4,684	13.88	1,566	4.64	863	2.56
Dehana	1,616	5.65	8,890	31.07	11,914	41.64	4,146	14.49	1,776	6.21	268	0.94
Awi Zone	14,116	9.24	33,122	21.69	58,290	38.17	27,178	17.80	13,407	8.78	6,610	4.33
Dangela.	3,057	8.99	10,508	30.91	12,693	37.34	5,096	14.99	1,925	5.66	718	2.11
Banja	2,314	8.93	4,180	16.12	10,505	40.52	5,621	21.68	2,274	8.77	1,033	3.98
Ankesha	3,716	9.76	8,896	23.38	14,517	38.15	6,843	17.98	2,541	6.68	1,543	4.05
Guangua	2,881	9.21	5,572	17.82	12,349	39.49	5,231	16.73	3,629	11.60	1,611	5.15
Faggeta Lekoma	2,146	9.14	3,965	16.89	8,227	35.05	4,388	18.70	3,039	12.95	1,706	7.27
Oromia Zone	6,088	8.38	25,053	34.48	27,807	38.27	8,939	12.30	2,937	4.04	1,839	2.53
Chefe Golana Dawe Rahimedo	1,919	6.38	10,495	34.90	11,903	39.58	3,825	12.72	1,274	4.24	659	2.19
Bati	1,525	9.35	4,599	28.20	5,911	36.24	2,833	17.37	771	4.73	670	4.11
Jile Tsumiga	1,120	9.46	4,120	34.80	4,685	39.58	1,167	9.86	498	4.21	248	2.09
Artuma Fursi	1,524	10.55	5,839	40.43	5,309	36.76	1,114	7.71	394	2.73	262	1.81

Table 8.14B:- Number of Crop Holders that Owned Hay-Fork (metal) by Geographic Area. (Continued.)

Geographic Area	Number of Crop Holders that Owned											
	No Hay-Fork (metal)		One Hay-Fork (metal)		Two Hay-Forks (metal)		Three Hay-Forks (metal)		Four Hay-Forks (metal)		Five and above Hay-Forks (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,038	99.16	192	0.70	38	0.14	-	-	-	-	-	-
Geshe	11,587	99.03	99	0.85	15	0.13	-	-	-	-	-	-
Antsokiya Gemza	12,917	99.48	68	0.52	-	-	-	-	-	-	-	-
Efratana Gidim	18,585	99.27	136	0.73	-	-	-	-	-	-	-	-
Lalo Midir	23,437	98.56	343	1.44	-	-	-	-	-	-	-	-
Mojana Wadera	14,813	98.83	123	0.82	53	0.35	-	-	-	-	-	-
Tarma Ber	17,074	99.56	76	0.44	-	-	-	-	-	-	-	-
Kewet	20,313	99.58	64	0.31	22	0.11	-	-	-	-	-	-
Asagirt	9,583	99.56	42	0.44	-	-	-	-	-	-	-	-
Angolelana Tera	14,523	97.27	351	2.35	56	0.38	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,582	99.32	72	0.68	-	-	-	-	-	-	-	-
Berehet	5,397	99.69	17	0.31	-	-	-	-	-	-	-	-
Minjarna Shenkora	16,172	70.56	4,929	21.51	1,678	7.32	112	0.49	29	0.13	-	-
Basona Werana	30,499	98.72	360	1.17	35	0.11	-	-	-	-	-	-
East Gojam Zone	371,130	98.39	5,131	1.36	885	0.23	27	0.01	35	0.01	-	-
Bibugn	20,139	98.82	158	0.78	83	0.41	-	-	-	-	-	-
Hulet Ej Enese	42,387	98.75	467	1.09	68	0.16	-	-	-	-	-	-
Goncha Siso Enese	26,154	98.21	446	1.67	31	0.12	-	-	-	-	-	-
Enbise Sar Midir	25,772	98.20	405	1.54	32	0.12	-	-	35	0.13	-	-
Enarj Enawga	30,363	96.67	971	3.09	74	0.24	-	-	-	-	-	-
Enemay	25,273	96.07	959	3.65	75	0.29	-	-	-	-	-	-
Debay Telatgen	23,545	97.37	601	2.49	36	0.15	-	-	-	-	-	-
Machakel	38,227	99.47	106	0.28	99	0.26	-	-	-	-	-	-
Guzamn	42,443	99.13	184	0.43	187	0.44	-	-	-	-	-	-
Baso Liben	26,024	99.74	41	0.16	-	-	27	0.10	-	-	-	-
Awabel	31,707	98.74	310	0.97	94	0.29	-	-	-	-	-	-
Dejen	19,980	98.58	240	1.18	47	0.23	-	-	-	-	-	-
Shebel Berenta	19,116	98.44	244	1.26	59	0.30	-	-	-	-	-	-
West Gojam Zone	367,754	98.92	3,002	0.81	781	0.21	189	0.05	37	0.01	-	-
Achefer	47,380	98.73	532	1.11	78	0.16	-	-	-	-	-	-
Bahir Dar Zuria	44,422	99.21	284	0.63	71	0.16	-	-	-	-	-	-
Yilman Densa	52,594	98.53	480	0.90	229	0.43	75	0.14	-	-	-	-
Merawi	47,368	99.07	443	0.93	-	-	-	-	-	-	-	-
Sekela	25,495	99.01	161	0.63	95	0.37	-	-	-	-	-	-
Kuarit	29,798	99.29	176	0.59	38	0.13	-	-	-	-	-	-
Dega Damot	28,349	98.50	362	1.26	33	0.11	-	-	37	0.13	-	-
Dembecha	21,718	99.19	85	0.39	70	0.32	23	0.11	-	-	-	-
Jabi Tehnan	35,345	99.29	160	0.45	-	-	91	0.26	-	-	-	-
Bure Wemberma	35,285	98.64	320	0.89	167	0.47	-	-	-	-	-	-
Waghamra Zone	74,817	98.89	573	0.76	131	0.17	116	0.15	-	-	17	0.02
Zikuala	13,058	98.14	200	1.50	11	0.08	19	0.14	-	-	17	0.13
Sekota	33,415	99.04	183	0.54	45	0.13	97	0.29	-	-	-	-
Dehana	28,347	99.08	189	0.66	74	0.26	-	-	-	-	-	-
Awi Zone	151,113	98.95	1,126	0.74	353	0.23	46	0.03	85	0.06	-	-
Dangela	33,658	99.00	339	1.00	-	-	-	-	-	-	-	-
Banja	25,733	99.25	123	0.47	71	0.27	-	-	-	-	-	-
Ankesha	37,633	98.89	333	0.88	90	0.24	-	-	-	-	-	-
Guangua	30,904	98.82	81	0.26	157	0.50	46	0.15	85	0.27	-	-
Faggeta Lekoma	23,185	98.78	250	1.07	36	0.15	-	-	-	-	-	-
Oromia Zone	72,221	99.39	354	0.49	62	0.09	-	-	26	0.04	-	-
Chefe Golana Dawe Rahimedo	29,911	99.45	102	0.34	36	0.12	-	-	26	0.09	-	-
Bati	16,131	98.91	178	1.09	-	-	-	-	-	-	-	-
Jile Tsumiga	11,776	99.48	62	0.52	-	-	-	-	-	-	-	-
Artuma Fursi	14,405	99.74	12	0.08	25	0.17	-	-	-	-	-	-

Table 8.14B:- Number of Crop Holders that Owned Hay-Fork (metal) by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No Hay-Fork (metal)		One Hay-Fork (metal)		Two Hay-Forks (metal)		Three Hay-Forks (metal)		Four Hay-Forks (metal)		Five and above Hay-Forks (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,943,543	98.47	37,631	1.26	6,917	0.23	764	0.03	364	0.01	135	0.00
North Gonder Zone	415,364	97.32	10,051	2.35	1,144	0.27	72	0.02	49	0.01	118	0.03
Addi Arkay	23,469	97.82	487	2.03	-	-	36	0.15	-	-	-	-
Beyeda	17,230	98.25	236	1.35	71	0.40	-	-	-	-	-	-
Janamora	28,765	98.56	304	1.04	115	0.39	-	-	-	-	-	-
Debark	21,150	98.41	342	1.59	-	-	-	-	-	-	-	-
Dabat	22,940	93.34	1,462	5.95	140	0.57	36	0.15	-	-	-	-
Sanja	24,258	98.92	265	1.08	-	-	-	-	-	-	-	-
Lay Armacheho	24,490	98.06	340	1.36	145	0.58	-	-	-	-	-	-
Wegera	36,340	98.07	612	1.65	105	0.28	-	-	-	-	-	-
Gondar Zuria	38,348	98.44	501	1.29	56	0.14	-	-	-	-	52	0.13
Dembia	37,121	89.94	3,988	9.66	163	0.39	-	-	-	-	-	-
Chilga	31,753	98.35	484	1.50	-	-	-	-	49	0.15	-	-
Metema	10,105	99.54	42	0.41	5	0.05	-	-	-	-	-	-
Quara	9,326	99.20	30	0.32	45	0.48	-	-	-	-	-	-
Alefa	45,511	98.41	521	1.13	146	0.32	-	-	-	-	66	0.14
Belesa	44,560	98.70	436	0.97	152	0.34	-	-	-	-	-	-
South Gonder Zone	368,911	98.57	4,509	1.20	643	0.17	133	0.04	56	0.01	-	-
Ebenat	41,579	99.07	336	0.80	54	0.13	-	-	-	-	-	-
Kemekem	30,395	98.73	311	1.01	80	0.26	-	-	-	-	-	-
Fogera	40,155	99.41	238	0.59	-	-	-	-	-	-	-	-
Farta	47,117	98.91	454	0.95	63	0.13	-	-	-	-	-	-
Lay Gayint	38,924	99.04	273	0.69	50	0.13	-	-	56	0.14	-	-
Tach Gayint	19,604	96.71	645	3.18	-	-	21	0.10	-	-	-	-
Simada	46,078	97.97	850	1.81	105	0.22	-	-	-	-	-	-
Estie	62,363	98.23	856	1.35	158	0.25	112	0.18	-	-	-	-
Dera	42,697	98.43	545	1.26	134	0.31	-	-	-	-	-	-
North Wollo Zone	304,768	99.06	2,322	0.75	499	0.16	33	0.01	47	0.02	-	-
Bugna	46,164	98.82	428	0.92	124	0.27	-	-	-	-	-	-
Kobo	41,339	99.68	86	0.21	-	-	-	-	47	0.11	-	-
Gidan	34,193	98.94	259	0.75	108	0.31	-	-	-	-	-	-
Meket	47,367	98.46	516	1.07	224	0.47	-	-	-	-	-	-
Wadala	26,356	98.86	272	1.02	-	-	33	0.12	-	-	-	-
Dawutna Delanta	35,416	98.62	494	1.38	-	-	-	-	-	-	-	-
Guba Lafto	35,435	99.54	165	0.46	-	-	-	-	-	-	-	-
Habru	38,500	99.62	102	0.26	43	0.11	-	-	-	-	-	-
South Wollo Zone	488,325	99.28	3,012	0.61	487	0.10	36	0.01	-	-	-	-
Mekdela	30,618	99.63	113	0.37	-	-	-	-	-	-	-	-
Tenta	34,905	98.43	507	1.43	48	0.14	-	-	-	-	-	-
Kutaber	21,442	99.03	182	0.84	28	0.13	-	-	-	-	-	-
Ambasel	26,074	98.90	255	0.97	-	-	36	0.14	-	-	-	-
Tehuledere	23,577	99.60	63	0.27	31	0.13	-	-	-	-	-	-
Werebabu	21,205	99.74	55	0.26	-	-	-	-	-	-	-	-
Kalu	38,990	99.52	110	0.28	77	0.20	-	-	-	-	-	-
Dessie Zuria	64,418	99.21	516	0.79	-	-	-	-	-	-	-	-
Legambo	35,283	99.12	315	0.88	-	-	-	-	-	-	-	-
Sayint	44,613	99.46	181	0.40	59	0.13	-	-	-	-	-	-
Debresina	36,520	99.58	99	0.27	54	0.15	-	-	-	-	-	-
Kelala	29,666	99.14	182	0.61	76	0.25	-	-	-	-	-	-
Jama	24,933	99.46	135	0.54	-	-	-	-	-	-	-	-
Were Ilu	29,454	99.12	147	0.49	114	0.38	-	-	-	-	-	-
Wegde	26,625	99.42	154	0.58	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	329,138	97.16	7,551	2.23	1,933	0.57	112	0.03	29	0.01	-	-
Middana Weremo	16,532	99.28	120	0.72	-	-	-	-	-	-	-	-
Merhabete	22,971	99.72	29	0.13	35	0.15	-	-	-	-	-	-
Insarona Wayu	24,096	98.26	427	1.74	-	-	-	-	-	-	-	-
Moretna Jiru	17,187	99.41	102	0.59	-	-	-	-	-	-	-	-

Table 8.15B:- Number of Crop Holders that Owned Hay-Fork (wood) by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No Hay-Fork (wood)		One Hay-Fork (wood)		Two Hay-Forks (wood)		Three Hay-Forks (wood)		Four Hay-Forks (wood)		Five and above Hay-Forks (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	1,186,462	39.69	898,018	30.04	630,648	21.10	186,040	6.22	59,456	1.99	28,730	0.96
North Gonder Zone	161,419	37.82	129,596	30.36	91,683	21.48	29,989	7.03	8,907	2.09	5,204	1.22
Addi Arkay	6,474	26.98	8,687	36.21	6,139	25.59	2,227	9.28	379	1.58	86	0.36
Beyeda	4,239	24.17	5,305	30.25	5,250	29.94	1,926	10.98	557	3.18	260	1.48
Janamora	7,368	25.25	6,581	22.55	9,850	33.75	3,982	13.64	1,067	3.66	336	1.15
Debark	4,716	21.94	6,920	32.20	5,927	27.58	2,459	11.44	1,021	4.75	449	2.09
Dabat	8,558	34.82	7,519	30.59	6,161	25.07	1,620	6.59	476	1.94	244	0.99
Sanja	8,138	33.19	10,471	42.70	5,013	20.44	761	3.10	140	0.57	-	-
Lay Armacheho	10,243	41.01	8,019	32.11	4,531	18.14	1,454	5.82	489	1.96	239	0.96
Wegera	11,478	30.97	9,458	25.52	9,435	25.46	4,474	12.07	1,330	3.59	882	2.38
Gondar Zuria	14,941	38.35	9,833	25.24	7,960	20.43	3,542	9.09	1,513	3.88	1,168	3.00
Dembia	25,782	62.47	12,933	31.34	2,129	5.16	213	0.52	159	0.39	56	0.14
Chilga	14,337	44.41	8,799	27.25	6,618	20.50	2,084	6.45	287	0.89	161	0.50
Metema	6,747	66.46	2,536	24.98	666	6.56	132	1.30	44	0.43	27	0.27
Quara	3,055	32.50	4,805	51.11	1,411	15.01	109	1.16	-	-	21	0.22
Alefa	17,753	38.39	15,596	33.73	10,183	22.02	1,985	4.29	166	0.36	561	1.21
Belesa	17,593	38.97	12,133	26.87	10,409	23.06	3,020	6.69	1,279	2.83	714	1.58
South Gonder Zone	154,086	41.17	98,331	26.27	78,879	21.08	27,289	7.29	10,210	2.73	5,457	1.46
Ebenat	16,194	38.59	10,173	24.24	9,724	23.17	3,802	9.06	1,338	3.19	738	1.76
Kemekem	13,406	43.55	7,884	25.61	5,597	18.18	2,440	7.93	1,040	3.38	419	1.36
Fogera	22,109	54.73	9,838	24.36	6,034	14.94	1,711	4.24	368	0.91	333	0.82
Farta	16,696	35.05	13,053	27.40	10,607	22.27	4,295	9.02	1,886	3.96	1,097	2.30
Lay Gayint	11,626	29.58	12,818	32.61	10,182	25.91	3,236	8.23	989	2.52	452	1.15
Tach Gayint	9,054	44.67	4,535	22.37	4,235	20.89	1,801	8.89	350	1.73	295	1.46
Simada	20,796	44.22	11,417	24.27	9,530	20.26	3,612	7.68	1,248	2.65	430	0.91
Estie	23,760	37.42	16,601	26.15	15,224	23.98	4,252	6.70	2,473	3.90	1,179	1.86
Dera	20,447	47.14	12,012	27.69	7,745	17.86	2,140	4.93	519	1.20	513	1.18
North Wollo Zone	128,171	41.66	99,749	32.42	58,535	19.03	15,233	4.95	4,565	1.48	1,416	0.46
Bugna	15,605	33.40	14,078	30.14	11,849	25.36	3,545	7.59	1,487	3.18	152	0.33
Kobo	22,581	54.45	11,313	27.28	6,104	14.72	1,104	2.66	207	0.50	163	0.39
Gidan	12,185	35.26	15,630	45.23	5,541	16.03	1,014	2.93	91	0.26	99	0.29
Meket	14,804	30.77	15,105	31.40	12,632	26.26	4,397	9.14	965	2.01	204	0.42
Wadala	7,233	27.13	9,442	35.42	7,416	27.82	1,672	6.27	590	2.21	308	1.16
Dawutna Delanta	12,881	35.87	12,735	35.46	7,331	20.41	1,977	5.51	711	1.98	275	0.77
Guba Lafto	19,396	54.48	12,515	35.15	3,040	8.54	391	1.10	215	0.60	43	0.12
Habru	23,487	60.78	8,932	23.11	4,622	11.96	1,132	2.93	299	0.77	173	0.45
South Wollo Zone	197,481	40.15	160,485	32.63	99,107	20.15	25,337	5.15	5,961	1.21	3,489	0.71
Mekdela	10,242	33.33	13,294	43.26	5,432	17.68	1,440	4.69	164	0.53	159	0.52
Tenta	15,289	43.12	14,037	39.59	5,117	14.43	772	2.18	197	0.56	48	0.14
Kutaber	6,591	30.44	8,460	39.07	4,714	21.77	1,548	7.15	241	1.11	98	0.45
Ambasel	10,037	38.07	9,865	37.42	4,842	18.37	1,246	4.73	202	0.77	173	0.66
Tehuledere	12,283	51.89	6,730	28.43	3,537	14.94	748	3.16	201	0.85	172	0.73
Werebabu	9,557	44.95	8,047	37.85	2,706	12.73	804	3.78	116	0.55	30	0.14
Kalu	20,589	52.55	10,294	26.28	6,117	15.61	1,663	4.24	415	1.06	99	0.25
Dessie Zuria	25,500	39.27	19,724	30.38	14,023	21.60	3,262	5.02	1,446	2.23	979	1.51
Legambo	15,291	42.95	13,574	38.13	5,585	15.69	1,022	2.87	84	0.24	42	0.12
Sayint	12,409	27.67	12,667	28.24	14,230	31.73	4,247	9.47	768	1.71	532	1.19
Debresina	15,222	41.51	8,491	23.15	9,583	26.13	2,450	6.68	594	1.62	333	0.91
Kelala	11,828	39.53	8,548	28.57	6,674	22.30	2,184	7.30	511	1.71	179	0.60
Jama	10,042	40.06	7,932	31.64	5,329	21.26	1,223	4.88	332	1.32	210	0.84
Were Ilu	10,526	35.42	12,152	40.90	5,640	18.98	1,107	3.73	254	0.85	36	0.12
Wegde	12,072	45.08	6,671	24.91	5,579	20.83	1,621	6.05	437	1.63	399	1.49
North Shewa (Amhara) Zone	158,317	46.73	104,810	30.94	58,012	17.12	12,936	3.82	3,421	1.01	1,267	0.37
Middana Weremo	8,304	49.87	4,965	29.82	2,486	14.93	519	3.12	240	1.44	138	0.83
Merhabete	17,183	74.60	4,058	17.62	1,318	5.72	212	0.92	126	0.55	138	0.60
Insarona Wayu	14,111	57.54	6,414	26.16	3,464	14.13	478	1.95	56	0.23	-	-
Moretna Jiru	10,878	62.92	3,645	21.08	2,241	12.96	369	2.13	134	0.78	22	0.13

Table 8.15B:- Number of Crop Holders that Owned Hay-Fork (wood) by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No Hay-Fork (wood)		One Hay-Fork (wood)		Two Hay-Forks (wood)		Three Hay-Forks (wood)		Four Hay-Forks (wood)		Five and above Hay-Forks (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	9,964	36.54	10,053	36.87	5,347	19.61	1,642	6.02	226	0.83	36	0.13
Geshe	3,179	27.17	3,917	33.48	3,268	27.93	1,173	10.02	119	1.02	45	0.38
Antsokiya Gemza	6,342	48.84	4,600	35.43	1,634	12.58	344	2.65	65	0.50	-	-
Efratana Gidim	11,239	60.03	5,254	28.06	1,799	9.61	304	1.62	103	0.55	22	0.12
Lalo Midir	7,167	30.14	8,236	34.63	6,479	27.25	1,323	5.56	485	2.04	90	0.38
Mojana Wadera	4,935	32.92	5,114	34.12	3,808	25.41	846	5.64	182	1.21	104	0.69
Tarma Ber	11,411	66.54	3,321	19.36	2,006	11.70	353	2.06	17	0.10	42	0.24
Kewet	14,015	68.70	4,695	23.02	1,314	6.44	203	1.00	172	0.84	-	-
Asagirt	3,497	36.33	3,998	41.54	1,984	20.61	134	1.39	12	0.12	-	-
Angolelana Tera	5,083	34.05	6,767	45.32	2,778	18.61	210	1.41	92	0.62	-	-
Ankober	7,300	46.10	5,773	36.46	2,308	14.58	310	1.96	123	0.78	20	0.13
Hagere Mariam	2,995	28.11	3,691	34.64	2,848	26.73	780	7.32	266	2.50	74	0.69
Berehet	1,306	24.12	2,203	40.69	1,297	23.96	462	8.53	83	1.53	63	1.16
Minjarna Shenkora	9,878	43.10	5,445	23.76	4,704	20.52	1,870	8.16	647	2.82	376	1.64
Basona Werana	9,530	30.85	12,662	40.99	6,928	22.43	1,404	4.54	272	0.88	98	0.32
East Gojam Zone	140,407	37.22	118,792	31.49	81,976	21.73	24,657	6.54	8,177	2.17	3,199	0.85
Bibugn	9,110	44.70	6,497	31.88	3,179	15.60	1,150	5.64	247	1.21	197	0.97
Hulet Ej Enese	17,132	39.91	13,762	32.06	8,877	20.68	1,863	4.34	940	2.19	348	0.81
Goncha Siso Enese	10,774	40.46	8,218	30.86	5,543	20.81	1,622	6.09	268	1.01	206	0.77
Enbise Sar Midir	9,465	36.07	8,711	33.19	6,206	23.65	1,336	5.09	407	1.55	119	0.45
Enarj Enawga	13,258	42.21	9,118	29.03	6,909	22.00	1,603	5.10	353	1.12	167	0.53
Enemay	11,584	44.03	8,596	32.68	4,567	17.36	1,206	4.58	313	1.19	41	0.16
Debay Telatgen	8,514	35.21	10,926	45.18	3,512	14.52	858	3.55	177	0.73	195	0.81
Machakel	9,537	24.82	11,668	30.36	11,062	28.78	4,085	10.63	1,597	4.16	483	1.26
Guzamn	10,419	24.34	19,054	44.50	10,183	23.78	2,243	5.24	671	1.57	244	0.57
Baso Liben	10,163	38.95	5,865	22.48	5,881	22.54	2,770	10.62	976	3.74	437	1.67
Awabel	9,938	30.95	8,279	25.78	8,629	26.87	3,346	10.42	1,358	4.23	561	1.75
Dejen	8,551	42.19	4,254	20.99	4,468	22.05	2,222	10.96	598	2.95	174	0.86
Shebel Berenta	11,963	61.60	3,844	19.80	2,958	15.23	353	1.82	273	1.41	28	0.14
West Gojam Zone	130,373	35.07	110,901	29.83	91,271	24.55	25,930	6.97	8,523	2.29	4,765	1.28
Achefer	14,745	30.73	17,197	35.83	12,584	26.22	2,729	5.69	613	1.28	122	0.25
Bahir Dar Zuria	17,333	38.71	12,187	27.22	10,671	23.83	3,426	7.65	746	1.67	414	0.92
Yilman Densa	23,790	44.57	11,886	22.27	11,628	21.78	3,757	7.04	1,741	3.26	576	1.08
Merawi	16,568	34.65	17,031	35.62	10,711	22.40	2,565	5.36	820	1.72	116	0.24
Sekela	7,304	28.36	11,852	46.03	5,904	22.93	619	2.40	72	0.28	-	-
Kuarit	10,605	35.34	9,839	32.78	6,872	22.90	2,272	7.57	354	1.18	70	0.23
Dega Damot	11,933	41.46	9,912	34.44	5,691	19.77	1,009	3.51	203	0.71	33	0.11
Dembecha	4,750	21.69	5,280	24.11	6,584	30.07	3,198	14.61	1,154	5.27	930	4.25
Jabi Tehnan	12,397	34.83	9,204	25.86	9,472	26.61	2,835	7.96	935	2.63	753	2.12
Bure Wemberma	10,950	30.61	6,513	18.21	11,153	31.18	3,520	9.84	1,885	5.27	1,751	4.89
Waghamra Zone	18,543	24.51	22,736	30.05	22,151	29.28	7,964	10.53	3,389	4.48	871	1.15
Zikuala.	3,207	24.10	3,938	29.60	3,692	27.75	1,340	10.07	840	6.31	288	2.16
Sekota	9,059	26.85	10,684	31.67	9,371	27.77	3,212	9.52	1,177	3.49	237	0.70
Dehana	6,279	21.95	8,115	28.36	9,087	31.76	3,411	11.92	1,372	4.80	346	1.21
Awi Zone	51,213	33.53	37,555	24.59	41,039	26.87	14,862	9.73	5,655	3.70	2,399	1.57
Dangela.	8,852	26.04	7,760	22.83	10,817	31.82	4,758	14.00	1,455	4.28	355	1.04
Banja	8,164	31.49	8,577	33.08	7,083	27.32	1,487	5.74	514	1.98	102	0.39
Ankesha	16,190	42.54	6,871	18.05	9,139	24.01	3,646	9.58	1,246	3.27	964	2.53
Guangua	11,308	36.16	6,240	19.95	8,018	25.64	3,088	9.87	1,874	5.99	745	2.38
Faggeta Lekoma	6,699	28.54	8,107	34.54	5,983	25.49	1,882	8.02	567	2.42	233	0.99
Oromia Zone	46,451	63.93	15,063	20.73	7,996	11.00	1,843	2.54	647	0.89	663	0.91
Chefe Golana Dawe Rahimedo	18,227	60.61	5,624	18.70	4,249	14.13	1,155	3.84	414	1.38	406	1.35
Bati	9,812	60.16	4,408	27.03	1,706	10.46	137	0.84	120	0.74	126	0.77
Jile Tsumiga	8,063	68.11	2,389	20.18	993	8.39	251	2.12	40	0.34	102	0.86
Artuma Fursi	10,352	71.68	2,643	18.30	1,048	7.26	299	2.07	71	0.49	29	0.20

Table 8.16B:- Number of Crop Holders that Owned Threshing Stick by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Threshing Stick		One Threshing Stick		Two Threshing Sticks		Three Threshing Sticks		Four Threshing Sticks		Five and above Threshing Sticks	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,724,500	91.14	131,497	4.40	72,643	2.43	25,411	0.85	17,879	0.60	17,424	0.58
North Gonder Zone	401,496	94.07	14,962	3.51	7,607	1.78	1,896	0.44	641	0.15	196	0.05
Addi Arkay	20,598	85.85	1,219	5.08	1,047	4.36	966	4.03	131	0.55	31	0.13
Beyeda	16,762	95.58	346	1.97	228	1.30	133	0.76	49	0.28	19	0.11
Janamora	28,077	96.21	992	3.40	83	0.28	32	0.11	-	-	-	-
Debark	20,844	96.98	496	2.31	127	0.59	-	-	-	-	25	0.12
Dabat	23,744	96.61	510	2.08	250	1.02	28	0.11	-	-	46	0.19
Sanja	23,152	94.41	732	2.98	475	1.94	76	0.31	88	0.36	-	-
Lay Armachcho	23,146	92.68	1,074	4.30	551	2.21	106	0.42	98	0.39	-	-
Wegera	34,606	93.39	1,634	4.41	624	1.68	158	0.43	-	-	35	0.09
Gondar Zuria	38,211	98.09	293	0.75	338	0.87	48	0.12	67	0.17	-	-
Dembia	38,007	92.09	1,033	2.50	2,053	4.97	113	0.27	66	0.16	-	-
Chilga	30,262	93.73	1,574	4.88	450	1.39	-	-	-	-	-	-
Metema	9,711	95.66	401	3.95	12	0.12	28	0.28	-	-	-	-
Quara	9,166	97.50	101	1.07	75	0.80	19	0.20	-	-	40	0.43
Alefa	42,693	92.32	2,788	6.03	617	1.33	73	0.16	73	0.16	-	-
Belesa	42,518	94.17	1,769	3.92	676	1.50	116	0.26	69	0.15	-	-
South Gonder Zone	356,617	95.29	11,939	3.19	4,293	1.15	748	0.20	554	0.15	101	0.03
Ebenat	40,018	95.35	1,223	2.91	617	1.47	111	0.26	-	-	-	-
Kemekem	28,059	91.14	2,294	7.45	292	0.95	105	0.34	36	0.12	-	-
Fogera	36,977	91.54	2,190	5.42	1,012	2.51	103	0.25	111	0.27	-	-
Farta	46,889	98.44	404	0.85	199	0.42	71	0.15	71	0.15	-	-
Lay Gayint	36,902	93.89	1,475	3.75	531	1.35	144	0.37	210	0.53	41	0.10
Tach Gayint	20,094	99.13	121	0.60	25	0.12	30	0.15	-	-	-	-
Simada	46,672	99.23	191	0.41	120	0.26	-	-	50	0.11	-	-
Estie	62,370	98.24	969	1.53	74	0.12	-	-	76	0.12	-	-
Dera	38,636	89.07	3,073	7.08	1,423	3.28	184	0.42	-	-	60	0.14
North Wollo Zone	232,425	75.54	40,563	13.18	20,178	6.56	7,598	2.47	3,848	1.25	3,057	0.99
Bugna	42,623	91.24	2,551	5.46	1,201	2.57	217	0.46	-	-	124	0.27
Kobo	32,338	77.98	4,696	11.32	2,903	7.00	729	1.76	402	0.97	404	0.97
Gidan	22,688	65.65	7,386	21.37	3,664	10.60	781	2.26	41	0.12	-	-
Meket	39,413	81.93	4,477	9.31	2,387	4.96	1,184	2.46	511	1.06	135	0.28
Wadala	19,270	72.28	5,396	20.24	1,504	5.64	233	0.87	258	0.97	-	-
Dawutna Delanta	28,544	79.49	5,499	15.31	1,663	4.63	102	0.28	57	0.16	45	0.13
Guba Lafto	21,388	60.08	7,514	21.11	3,924	11.02	1,337	3.76	829	2.33	608	1.71
Habru	26,161	67.70	3,045	7.88	2,933	7.59	3,014	7.80	1,750	4.53	1,742	4.51
South Wollo Zone	424,528	86.31	31,477	6.40	17,760	3.61	6,267	1.27	5,449	1.11	6,379	1.30
Mekdela	22,261	72.44	4,624	15.05	3,384	11.01	368	1.20	47	0.15	47	0.15
Tenta	28,407	80.11	3,342	9.42	994	2.80	1,347	3.80	639	1.80	731	2.06
Kutaber	21,224	98.02	111	0.51	182	0.84	56	0.26	-	-	79	0.36
Ambasel	20,454	77.58	3,711	14.08	1,491	5.66	296	1.12	385	1.46	28	0.11
Tehuledere	21,945	92.71	235	0.99	266	1.12	124	0.52	521	2.20	580	2.45
Werebabu	14,025	65.97	529	2.49	448	2.11	1,292	6.08	2,351	11.06	2,615	12.30
Kalu	33,248	84.87	1,480	3.78	1,541	3.93	413	1.05	921	2.35	1,574	4.02
Dessie Zuria	53,975	83.12	6,677	10.28	3,136	4.83	739	1.14	-	-	407	0.63
Legambo	27,674	77.74	4,897	13.76	2,262	6.35	427	1.20	255	0.72	83	0.23
Sayint	42,636	95.06	1,492	3.33	607	1.35	68	0.15	50	0.11	-	-
Debresina	33,251	90.67	2,412	6.58	775	2.11	190	0.52	45	0.12	-	-
Kelala	27,242	91.04	249	0.83	1,269	4.24	732	2.45	197	0.66	235	0.79
Jama	24,278	96.85	486	1.94	271	1.08	33	0.13	-	-	-	-
Were Ilu	28,010	94.26	718	2.42	874	2.94	113	0.38	-	-	-	-
Wegde	25,898	96.71	515	1.92	260	0.97	70	0.26	36	0.13	-	-
North Shewa (Amhara) Zone	312,182	92.15	11,526	3.40	8,387	2.48	2,699	0.80	2,149	0.63	1,820	0.54
Middana Weremo	16,040	96.32	374	2.25	194	1.17	-	-	22	0.13	22	0.13
Merhabete	18,824	81.72	1,919	8.33	1,411	6.13	352	1.53	256	1.11	273	1.19
Insarona Wayu	22,524	91.85	491	2.00	787	3.21	297	1.21	278	1.13	146	0.60
Moretna Jiru	14,555	84.19	1,143	6.61	909	5.26	315	1.82	198	1.15	169	0.98

Table 8.16B:- Number of Crop Holders that Owned Threshing Stick by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Threshing Stick		One Threshing Stick		Two Threshing Sticks		Three Threshing Sticks		Four Threshing Sticks		Five and above Threshing Sticks	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	22,657	83.09	2,742	10.06	1,477	5.42	351	1.29	41	0.15	-	-
Geshe	10,893	93.09	603	5.15	177	1.51	28	0.24	-	-	-	-
Antsokiya Gemza	11,504	88.59	832	6.41	429	3.30	122	0.94	82	0.63	16	0.12
Efratana Gidim	16,771	89.58	301	1.61	403	2.15	238	1.27	505	2.70	503	2.69
Lalo Midir	21,837	91.83	845	3.55	754	3.17	288	1.21	56	0.24	-	-
Mojana Wadera	14,087	93.98	584	3.90	183	1.22	96	0.64	39	0.26	-	-
Tarma Ber	16,279	94.92	69	0.40	163	0.95	23	0.13	198	1.15	418	2.44
Kewet	18,939	92.84	373	1.83	458	2.25	249	1.22	231	1.13	149	0.73
Asagirt	9,204	95.63	236	2.45	149	1.55	25	0.26	11	0.11	-	-
Angolelana Tera	14,688	98.38	129	0.86	93	0.62	20	0.13	-	-	-	-
Ankober	15,308	96.68	60	0.38	308	1.95	65	0.41	71	0.45	22	0.14
Hagere Mariam	10,503	98.58	24	0.23	71	0.67	34	0.32	11	0.10	11	0.10
Berehet	5,146	95.05	-	-	31	0.57	65	1.20	115	2.12	57	1.05
Minjarna Shenkora	22,863	99.75	31	0.14	-	-	26	0.11	-	-	-	-
Basona Werana	29,561	95.69	771	2.50	390	1.26	104	0.34	34	0.11	34	0.11
East Gojam Zone	352,388	93.42	11,665	3.09	7,020	1.86	2,968	0.79	2,390	0.63	777	0.21
Bibugn	19,974	98.01	225	1.10	128	0.63	53	0.26	-	-	-	-
Hulet Ej Enese	42,406	98.80	407	0.95	59	0.14	-	-	-	-	50	0.12
Goncha Siso Enese	26,190	98.34	378	1.42	63	0.24	-	-	-	-	-	-
Enbise Sar Midir	26,120	99.53	85	0.32	39	0.15	-	-	-	-	-	-
Enarj Enawga	30,659	97.62	749	2.38	-	-	-	-	-	-	-	-
Enemay	24,695	93.87	796	3.03	516	1.96	245	0.93	55	0.21	-	-
Debay Telatgen	20,693	85.57	1,751	7.24	1,436	5.94	117	0.48	151	0.62	34	0.14
Machakel	35,256	91.74	1,339	3.48	689	1.79	644	1.68	451	1.17	53	0.14
Guzamn	37,202	86.89	2,991	6.99	1,282	2.99	662	1.55	501	1.17	176	0.41
Baso Liben	19,876	76.18	1,697	6.50	2,044	7.83	1,045	4.01	1,099	4.21	331	1.27
Awabel	31,066	96.75	668	2.08	303	0.94	38	0.12	36	0.11	-	-
Dejen	19,371	95.58	297	1.47	302	1.49	129	0.64	67	0.33	101	0.50
Shebel Berenta	18,882	97.23	282	1.45	158	0.81	33	0.17	31	0.16	33	0.17
West Gojam Zone	364,797	98.13	4,003	1.08	2,006	0.54	779	0.21	120	0.03	58	0.02
Achefer	47,085	98.11	560	1.17	152	0.32	134	0.28	59	0.12	-	-
Bahir Dar Zuria	43,080	96.21	896	2.00	568	1.27	233	0.52	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	46,380	97.01	1,372	2.87	59	0.12	-	-	-	-	-	-
Sekela	25,448	98.82	132	0.51	133	0.52	38	0.15	-	-	-	-
Kuarit	29,744	99.11	80	0.27	188	0.63	-	-	-	-	-	-
Dega Damot	27,852	96.77	214	0.74	635	2.21	80	0.28	-	-	-	-
Dembecha	21,726	99.22	30	0.14	114	0.52	26	0.12	-	-	-	-
Jabi Tehnan	34,809	97.79	693	1.95	94	0.26	-	-	-	-	-	-
Bure Wemberma	35,297	98.67	27	0.08	61	0.17	268	0.75	61	0.17	58	0.16
Waghamra Zone	68,303	90.28	2,385	3.15	2,538	3.35	1,008	1.33	636	0.84	784	1.04
Zikuala.	10,324	77.59	1,016	7.64	893	6.71	583	4.38	210	1.58	279	2.10
Sekota	31,715	94.00	337	1.00	530	1.57	346	1.03	347	1.03	465	1.38
Dehana	26,263	91.80	1,033	3.61	1,114	3.89	80	0.28	80	0.28	40	0.14
Awi Zone	150,419	98.49	1,263	0.83	936	0.61	105	0.07	-	-	-	-
Dangela.	33,536	98.64	204	0.60	218	0.64	39	0.11	-	-	-	-
Banja	25,382	97.90	183	0.71	326	1.26	36	0.14	-	-	-	-
Ankesha	37,868	99.51	90	0.24	98	0.26	-	-	-	-	-	-
Guangua	30,282	96.83	757	2.42	234	0.75	-	-	-	-	-	-
Faggeta Lekoma	23,353	99.50	28	0.12	60	0.26	30	0.13	-	-	-	-
Oromia Zone	61,341	84.42	1,715	2.36	1,920	2.64	1,343	1.85	2,092	2.88	4,252	5.85
Chefe Golana Dawe Rahimedo	24,975	83.04	953	3.17	1,148	3.82	756	2.51	888	2.95	1,355	4.51
Bati	11,618	71.24	254	1.56	522	3.20	435	2.67	1,041	6.38	2,439	14.95
Jile Tsumiga	10,860	91.74	279	2.36	149	1.26	93	0.79	51	0.43	406	3.43
Artuma Fursi	13,891	96.18	229	1.59	100	0.69	59	0.41	112	0.78	51	0.35

Table 8.17B.- Number of Crop Holders that Owned Winnower (metal) by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No Winnower (metal)		One Winnower (metal)		Two Winnowers (metal)		Three Winnowers (metal)		Four Winnowers (metal)		Five and above Winnowers (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,980,990	99.72	7,339	0.25	714	0.02	138	0.00	16	0.00	157	0.01
North Gonder Zone	425,656	99.73	1,017	0.24	125	0.03	-	-	-	-	-	-
Addi Arkay	23,884	99.55	108	0.45	-	-	-	-	-	-	-	-
Beyeda	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora	29,093	99.69	91	0.31	-	-	-	-	-	-	-	-
Debark	21,437	99.74	55	0.26	-	-	-	-	-	-	-	-
Dabat	24,550	99.89	28	0.11	-	-	-	-	-	-	-	-
Janja	24,481	99.83	42	0.17	-	-	-	-	-	-	-	-
Lay Armachetho	24,943	99.87	32	0.13	-	-	-	-	-	-	-	-
Wegera	37,057	100.00	-	-	-	-	-	-	-	-	-	-
Gondar Zuria	38,803	99.60	98	0.25	56	0.14	-	-	-	-	-	-
Dembia	41,122	99.64	150	0.36	-	-	-	-	-	-	-	-
Chilga	32,180	99.67	106	0.33	-	-	-	-	-	-	-	-
Metema	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara	9,393	99.91	8	0.09	-	-	-	-	-	-	-	-
Alefa	46,081	99.65	163	0.35	-	-	-	-	-	-	-	-
Belesa	44,944	99.55	135	0.30	69	0.15	-	-	-	-	-	-
South Gonder Zone	373,263	99.74	880	0.24	47	0.01	62	0.02	-	-	-	-
Ebenat	41,878	99.78	91	0.22	-	-	-	-	-	-	-	-
Kemekem	30,743	99.86	43	0.14	-	-	-	-	-	-	-	-
Fogera	40,348	99.89	45	0.11	-	-	-	-	-	-	-	-
Farta	47,634	100.00	-	-	-	-	-	-	-	-	-	-
Lay Gayint	39,136	99.58	167	0.42	-	-	-	-	-	-	-	-
Tach Gayint	20,196	99.63	27	0.13	47	0.23	-	-	-	-	-	-
Simada	46,852	99.62	119	0.25	-	-	62	0.13	-	-	-	-
Estie	63,165	99.49	324	0.51	-	-	-	-	-	-	-	-
Dera	43,311	99.85	65	0.15	-	-	-	-	-	-	-	-
North Wollo Zone	306,771	99.71	695	0.23	96	0.03	49	0.02	-	-	58	0.02
Bugna	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo	41,263	99.50	113	0.27	96	0.23	-	-	-	-	-	-
Gidan	34,524	99.90	36	0.10	-	-	-	-	-	-	-	-
Meket	47,886	99.54	114	0.24	-	-	49	0.10	-	-	58	0.12
Wadala	26,562	99.63	99	0.37	-	-	-	-	-	-	-	-
Dawutna Delanta	35,669	99.33	241	0.67	-	-	-	-	-	-	-	-
Guba Lafto	35,510	99.75	90	0.25	-	-	-	-	-	-	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	490,894	99.80	795	0.16	171	0.03	-	-	-	-	-	-
Mekdela	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta	35,313	99.59	147	0.41	-	-	-	-	-	-	-	-
Kutaber	21,608	99.80	44	0.20	-	-	-	-	-	-	-	-
Ambasel	26,333	99.88	32	0.12	-	-	-	-	-	-	-	-
Tehuledere	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu	21,154	99.50	106	0.50	-	-	-	-	-	-	-	-
Kalu	39,051	99.68	49	0.13	77	0.20	-	-	-	-	-	-
Dessie Zuria	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint	44,784	99.85	69	0.15	-	-	-	-	-	-	-	-
Debresina	36,472	99.45	139	0.38	62	0.17	-	-	-	-	-	-
Kelala	29,714	99.30	210	0.70	-	-	-	-	-	-	-	-
Jama	25,035	99.87	-	-	33	0.13	-	-	-	-	-	-
Were Ilu	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	337,452	99.61	1,202	0.35	82	0.02	-	-	-	-	27	0.01
Middana Weremo	16,562	99.46	90	0.54	-	-	-	-	-	-	-	-
Merhabete	22,838	99.14	197	0.86	-	-	-	-	-	-	-	-
Inssarona Wayu	24,402	99.51	90	0.37	31	0.13	-	-	-	-	-	-
Moretna Jiru	17,162	99.27	105	0.61	22	0.13	-	-	-	-	-	-

Table 8.17B:- Number of Crop Holders that Owned Winnower (metal) by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Winnower (metal)		One Winnower (metal)		Two Winnowers (metal)		Three Winnowers (metal)		Four Winnowers (metal)		Five and above Winnowers (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,024	99.11	244	0.89	-	-	-	-	-	-	-	-
Geshe	11,684	99.85	17	0.15	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,933	99.60	52	0.40	-	-	-	-	-	-	-	-
Efratana Gidim	18,699	99.88	22	0.12	-	-	-	-	-	-	-	-
Lalo Midir	23,722	99.76	58	0.24	-	-	-	-	-	-	-	-
Mojana Wadera	14,894	99.37	95	0.63	-	-	-	-	-	-	-	-
Tarma Ber	17,102	99.72	48	0.28	-	-	-	-	-	-	-	-
Kewet	20,348	99.75	51	0.25	-	-	-	-	-	-	-	-
Asagirt	9,610	99.84	15	0.16	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,643	99.90	11	0.10	-	-	-	-	-	-	-	-
Berehet	5,399	99.72	15	0.28	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,808	99.51	56	0.24	29	0.13	-	-	-	-	27	0.12
Basona Werana	30,856	99.88	38	0.12	-	-	-	-	-	-	-	-
East Gojam Zone	376,327	99.77	881	0.23	-	-	-	-	-	-	-	-
Bibugn	20,353	99.87	27	0.13	-	-	-	-	-	-	-	-
Hulet Ej Enese	42,871	99.88	51	0.12	-	-	-	-	-	-	-	-
Goncha Siso Enese	26,519	99.58	112	0.42	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,089	99.41	155	0.59	-	-	-	-	-	-	-	-
Enarj Enawga	31,236	99.45	172	0.55	-	-	-	-	-	-	-	-
Enemay	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	24,068	99.53	114	0.47	-	-	-	-	-	-	-	-
Machakel	38,342	99.77	90	0.23	-	-	-	-	-	-	-	-
Guzamn	42,752	99.86	62	0.14	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,063	99.85	48	0.15	-	-	-	-	-	-	-	-
Dejen	20,218	99.76	49	0.24	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	370,140	99.56	1,349	0.36	190	0.05	27	0.01	-	-	57	0.02
Achefer	47,652	99.30	338	0.70	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,649	99.71	-	-	71	0.16	-	-	-	-	57	0.13
Yilman Densa	53,074	99.43	243	0.46	61	0.11	-	-	-	-	-	-
Merawi	47,632	99.63	179	0.37	-	-	-	-	-	-	-	-
Sekela	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit	29,965	99.84	47	0.16	-	-	-	-	-	-	-	-
Dega Damot	28,664	99.59	117	0.41	-	-	-	-	-	-	-	-
Dembecha	21,789	99.51	80	0.37	-	-	27	0.12	-	-	-	-
Jabi Tehnan	35,426	99.52	170	0.48	-	-	-	-	-	-	-	-
Bure Wemberma	35,540	99.35	174	0.49	58	0.16	-	-	-	-	-	-
Waghamra Zone	75,412	99.68	242	0.32	-	-	-	-	-	-	-	-
Zikuala.	13,277	99.79	28	0.21	-	-	-	-	-	-	-	-
Sekota	33,600	99.59	140	0.41	-	-	-	-	-	-	-	-
Dehana	28,536	99.74	74	0.26	-	-	-	-	-	-	-	-
Awi Zone	152,583	99.91	140	0.09	-	-	-	-	-	-	-	-
Dangela.	33,963	99.90	34	0.10	-	-	-	-	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua	31,167	99.66	106	0.34	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone	72,490	99.76	138	0.19	3	0.00	-	-	16	0.02	16	0.02
Chefe Golana Dawe Rahimedo	30,048	99.91	27	0.09	-	-	-	-	-	-	-	-
Bati	16,270	99.76	39	0.24	-	-	-	-	-	-	-	-
Jile Tsumiga	11,781	99.52	54	0.46	3	0.03	-	-	-	-	-	-
Artuma Fursi	14,393	99.66	17	0.12	-	-	-	-	16	0.11	16	0.11

Table 8.18B:- Number of Crop Holders that Owned Winnower (wood) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Winnower (wood)		One Winnower (wood)		Two Winnowers (wood)		Three Winnowers (wood)		Four Winnowers (wood)		Five and above Winnowers (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	1,975,147	66.07	882,564	29.52	119,765	4.01	8,401	0.28	2,534	0.08	943	0.03
North Gonder Zone	311,165	72.91	97,059	22.74	17,719	4.15	654	0.15	201	0.05	-	-
Addi Arkay	17,346	72.30	6,257	26.08	389	1.62	-	-	-	-	-	-
Beyeda	10,674	60.87	6,225	35.50	619	3.53	19	0.11	-	-	-	-
Janamora	21,389	73.29	7,234	24.79	561	1.92	-	-	-	-	-	-
Debark	15,390	71.61	5,706	26.55	371	1.73	25	0.12	-	-	-	-
Dabat	19,304	78.54	5,051	20.55	223	0.91	-	-	-	-	-	-
Janja	16,999	69.32	6,793	27.70	689	2.81	28	0.11	14	0.06	-	-
Lay Armacheho	22,060	88.33	2,881	11.54	34	0.14	-	-	-	-	-	-
Wegera	29,727	80.22	6,837	18.45	493	1.33	-	-	-	-	-	-
Gondar Zuria	25,077	64.37	10,870	27.90	2,838	7.28	82	0.21	90	0.23	-	-
Dembia	30,503	73.91	8,032	19.46	2,676	6.48	61	0.15	-	-	-	-
Chilga	26,864	83.21	4,189	12.97	1,176	3.64	57	0.18	-	-	-	-
Metema	7,082	69.76	2,651	26.11	408	4.02	-	-	11	0.11	-	-
Quara	5,877	62.51	2,746	29.21	758	8.06	-	-	20	0.21	-	-
Alefa	33,841	73.18	8,474	18.32	3,863	8.35	-	-	66	0.14	-	-
Belesa	29,034	64.31	13,112	29.04	2,621	5.81	381	0.84	-	-	-	-
South Gonder Zone	254,118	67.90	104,626	27.96	14,139	3.78	898	0.24	408	0.11	63	0.02
Ebenat	28,823	68.68	12,154	28.96	992	2.36	-	-	-	-	-	-
Kemekem	22,725	73.82	6,432	20.89	1,368	4.44	261	0.85	-	-	-	-
Fogera	31,098	76.99	5,514	13.65	3,421	8.47	302	0.75	58	0.14	-	-
Farta	29,051	60.99	16,612	34.87	1,706	3.58	127	0.27	138	0.29	-	-
Lay Gayint	22,495	57.23	16,374	41.66	371	0.94	-	-	-	-	63	0.16
Tach Gayint	11,772	58.08	8,070	39.81	398	1.96	30	0.15	-	-	-	-
Simada	32,749	69.63	13,728	29.19	556	1.18	-	-	-	-	-	-
Estie	40,152	63.24	20,610	32.46	2,727	4.30	-	-	-	-	-	-
Dera	35,253	81.27	5,132	11.83	2,600	5.99	179	0.41	212	0.49	-	-
North Wollo Zone	163,245	53.06	127,249	41.36	15,484	5.03	1,095	0.36	496	0.16	100	0.03
Bugna	23,331	49.94	20,064	42.95	2,853	6.11	221	0.47	199	0.43	48	0.10
Kobo	24,781	59.75	14,657	35.34	1,559	3.76	333	0.80	142	0.34	-	-
Gidan	17,143	49.60	16,240	46.99	1,138	3.29	39	0.11	-	-	-	-
Meket	20,558	42.73	24,704	51.35	2,785	5.79	60	0.12	-	-	-	-
Wadala	12,181	45.69	13,308	49.92	1,138	4.27	34	0.13	-	-	-	-
Dawutna Delanta	20,575	57.30	14,103	39.27	1,187	3.31	45	0.13	-	-	-	-
Guba Lafto	19,017	53.42	14,923	41.92	1,608	4.52	52	0.15	-	-	-	-
Habru	25,661	66.40	9,251	23.94	3,216	8.32	311	0.80	155	0.40	51	0.13
South Wollo Zone	299,937	60.98	171,878	34.94	17,724	3.60	1,715	0.35	505	0.10	101	0.02
Mekdela	17,740	57.73	12,452	40.52	468	1.52	71	0.23	-	-	-	-
Tenta	22,719	64.07	11,944	33.68	797	2.25	-	-	-	-	-	-
Kutaber	11,696	54.02	8,677	40.07	1,170	5.40	109	0.50	-	-	-	-
Ambasel	12,856	48.76	11,360	43.09	1,697	6.44	282	1.07	142	0.54	28	0.11
Tehuledere	16,006	67.62	5,654	23.89	1,491	6.30	379	1.60	105	0.44	36	0.15
Werebabu	12,463	58.62	6,623	31.15	1,956	9.20	162	0.76	56	0.26	-	-
Kalu	25,904	66.12	10,628	27.13	2,301	5.87	344	0.88	-	-	-	-
Dessie Zuria	40,354	62.15	22,734	35.01	1,609	2.48	135	0.21	102	0.16	-	-
Legambo	24,440	68.66	10,789	30.31	369	1.04	-	-	-	-	-	-
Sayint	18,692	41.67	24,612	54.87	1,490	3.32	59	0.13	-	-	-	-
Debresina	24,099	65.71	11,373	31.01	1,097	2.99	52	0.14	52	0.14	-	-
Kelala	17,477	58.40	10,750	35.92	1,573	5.26	76	0.25	48	0.16	-	-
Jama	16,264	64.88	8,498	33.90	306	1.22	-	-	-	-	-	-
Were Ilu	20,745	69.81	8,709	29.31	261	0.88	-	-	-	-	-	-
Wegde	18,478	69.00	7,076	26.42	1,141	4.26	47	0.18	-	-	37	0.14
North Shewa (Amhara) Zone	200,507	59.19	128,983	38.07	8,933	2.64	229	0.07	56	0.02	55	0.02
Middana Weremo	11,952	71.78	4,296	25.80	353	2.12	22	0.13	29	0.17	-	-
Merhabete	13,555	58.85	8,477	36.80	1,003	4.35	-	-	-	-	-	-
Insarona Wayu	15,474	63.10	7,873	32.10	1,107	4.51	69	0.28	-	-	-	-
Moretna Jiru	9,424	54.51	7,117	41.16	748	4.33	-	-	-	-	-	-

Table 8.18B:- Number of Crop Holders that Owned Winnower (wood) by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Winnower (wood)		One Winnower (wood)		Two Winnowers (wood)		Three Winnowers (wood)		Four Winnowers (wood)		Five and above Winnowers (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	15,721	57.65	11,065	40.58	482	1.77	-	-	-	-	-	-
Geshe	6,832	58.39	4,687	40.06	182	1.56	-	-	-	-	-	-
Antsokiya Gemza	8,815	67.89	3,890	29.96	280	2.16	-	-	-	-	-	-
Efratana Gidim	11,517	61.52	6,513	34.79	643	3.43	25	0.13	-	-	23	0.12
Lalo Midir	13,940	58.62	9,420	39.61	420	1.77	-	-	-	-	-	-
Mojana Wadera	9,587	63.96	5,269	35.15	133	0.89	-	-	-	-	-	-
Tarma Ber	10,924	63.70	5,716	33.33	487	2.84	23	0.13	-	-	-	-
Kewet	13,873	68.01	6,273	30.75	227	1.11	-	-	26	0.13	-	-
Asagirt	4,931	51.23	4,538	47.15	133	1.38	23	0.24	-	-	-	-
Angolelana Tera	8,721	58.41	5,892	39.46	317	2.12	-	-	-	-	-	-
Ankober	9,118	57.58	6,306	39.83	388	2.45	22	0.14	-	-	-	-
Hagere Mariam	5,710	53.59	4,742	44.51	202	1.90	-	-	-	-	-	-
Berehet	2,367	43.72	2,769	51.15	271	5.01	7	0.13	-	-	-	-
Minjarna Shenkora	13,113	57.21	8,564	37.36	1,212	5.29	-	-	-	-	31	0.14
Basona Werana	14,936	48.35	15,578	50.42	343	1.11	37	0.12	-	-	-	-
East Gojam Zone	258,914	68.64	108,474	28.76	9,270	2.46	373	0.10	93	0.02	84	0.02
Bibugn	13,310	65.31	6,548	32.13	466	2.29	56	0.27	-	-	-	-
Hulet Ej Enese	27,707	64.55	14,346	33.42	869	2.02	-	-	-	-	-	-
Goncha Siso Enese	17,055	64.04	9,131	34.29	445	1.67	-	-	-	-	-	-
Enbise Sar Midir	14,913	56.82	10,281	39.17	1,050	4.00	-	-	-	-	-	-
Enarj Enawga	19,459	61.96	10,826	34.47	1,033	3.29	39	0.12	-	-	51	0.16
Enemay	17,222	65.47	7,984	30.35	1,035	3.93	33	0.13	-	-	33	0.13
Debay Telatgen	12,807	52.96	10,866	44.93	433	1.79	40	0.17	36	0.15	-	-
Machakel	31,532	82.05	6,783	17.65	117	0.30	-	-	-	-	-	-
Guzamn	28,067	65.56	14,341	33.50	406	0.95	-	-	-	-	-	-
Baso Liben	24,232	92.87	1,487	5.70	271	1.04	102	0.39	-	-	-	-
Awabel	23,933	74.53	7,456	23.22	722	2.25	-	-	-	-	-	-
Dejen	14,872	73.38	4,478	22.10	868	4.28	49	0.24	-	-	-	-
Shebel Berenta	13,809	71.11	3,945	20.32	1,554	8.00	54	0.28	57	0.29	-	-
West Gojam Zone	256,404	68.97	90,756	24.41	22,331	6.01	1,817	0.49	298	0.08	157	0.04
Achefer	37,686	78.53	8,406	17.52	1,898	3.95	-	-	-	-	-	-
Bahir Dar Zuria	30,499	68.11	8,747	19.53	5,244	11.71	287	0.64	-	-	-	-
Yilman Densa	33,434	62.64	15,391	28.83	4,200	7.87	353	0.66	-	-	-	-
Merawi	31,325	65.52	13,767	28.79	2,466	5.16	253	0.53	-	-	-	-
Sekela	21,355	82.93	4,065	15.79	331	1.29	-	-	-	-	-	-
Kuarit	15,777	52.57	13,240	44.12	945	3.15	50	0.17	-	-	-	-
Dega Damot	15,869	55.14	12,543	43.58	265	0.92	66	0.23	-	-	38	0.13
Dembecha	14,230	64.99	5,505	25.14	1,959	8.95	139	0.63	-	-	63	0.29
Jabi Tehnan	25,676	72.13	6,037	16.96	3,198	8.98	397	1.12	232	0.65	56	0.16
Bure Wemberma	30,555	85.42	3,055	8.54	1,824	5.10	272	0.76	66	0.18	-	-
Waghamra Zone	38,575	50.99	30,711	40.59	5,548	7.33	404	0.53	156	0.21	260	0.34
Zikuala	6,285	47.24	5,393	40.53	1,089	8.18	166	1.25	112	0.84	260	1.95
Sekota	18,149	53.79	13,497	40.00	1,995	5.91	55	0.16	44	0.13	-	-
Dehana	14,142	49.43	11,821	41.32	2,464	8.61	183	0.64	-	-	-	-
Awi Zone	142,080	93.03	7,081	4.64	3,043	1.99	372	0.24	65	0.04	82	0.05
Dangela	32,031	94.22	984	2.89	823	2.42	159	0.47	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	35,654	93.69	1,741	4.57	609	1.60	-	-	-	-	52	0.14
Guangua	25,798	82.49	3,767	12.05	1,520	4.86	153	0.49	35	0.11	-	-
Faggeta Lekoma	22,670	96.59	589	2.51	92	0.39	60	0.26	30	0.13	30	0.13
Oromia Zone	50,203	69.09	15,746	21.67	5,574	7.67	843	1.16	256	0.35	41	0.06
Chefe Golana Dawe Rahimedo	19,494	64.82	7,429	24.70	2,538	8.44	457	1.52	116	0.39	41	0.14
Bati	10,801	66.23	3,583	21.97	1,576	9.66	247	1.51	102	0.63	-	-
Jile Tsumiga	8,803	74.36	2,424	20.48	548	4.63	63	0.53	-	-	-	-
Artuma Fursi	11,106	76.90	2,310	16.00	912	6.31	75	0.52	39	0.27	-	-

Table 8.19B:- Number of Crop Holders that Owned Cart by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Cart		One Cart		Two Carts		Three Carts		Four Carts		Five and above Carts	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,987,208	99.93	1,642	0.05	381	0.01	80	0.00	43	0.00	-	-
North Gonder Zone	426,513	99.93	209	0.05	76	0.02	-	-	-	-	-	-
Addi Arkay	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda	17,515	99.87	22	0.13	-	-	-	-	-	-	-	-
Janamora	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	36,987	99.81	35	0.09	35	0.09	-	-	-	-	-	-
Gondar Zuria	38,832	99.68	125	0.32	-	-	-	-	-	-	-	-
Dembia	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga	32,245	99.87	-	-	41	0.13	-	-	-	-	-	-
Metema	10,126	99.74	26	0.26	-	-	-	-	-	-	-	-
Quara	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	374,086	99.96	117	0.03	49	0.01	-	-	-	-	-	-
Ebenat	41,920	99.88	-	-	49	0.12	-	-	-	-	-	-
Kemekem	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera	40,338	99.86	55	0.14	-	-	-	-	-	-	-	-
Farta	47,634	100.00	-	-	-	-	-	-	-	-	-	-
Lay Gayint	39,240	99.84	63	0.16	-	-	-	-	-	-	-	-
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	307,493	99.94	90	0.03	-	-	43	0.01	43	0.01	-	-
Bugna	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket	48,062	99.91	45	0.09	-	-	-	-	-	-	-	-
Wadala	26,661	100.00	-	-	-	-	-	-	-	-	-	-
Dawutna Delanta	35,865	99.87	45	0.13	-	-	-	-	-	-	-	-
Guba Lafto	35,514	99.76	-	-	-	-	43	0.12	43	0.12	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	491,566	99.94	196	0.04	98	0.02	-	-	-	-	-	-
Mekdela	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta	35,362	99.72	-	-	98	0.28	-	-	-	-	-	-
Kutaber	21,627	99.88	25	0.12	-	-	-	-	-	-	-	-
Ambasel	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu	21,236	99.89	24	0.11	-	-	-	-	-	-	-	-
Kalu	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria	64,859	99.88	75	0.12	-	-	-	-	-	-	-	-
Legambo	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	29,682	99.89	33	0.11	-	-	-	-	-	-	-	-
Wegde	26,739	99.85	40	0.15	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,563	99.94	179	0.05	-	-	21	0.01	-	-	-	-
Middana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	17,289	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.19B:- Number of Crop Holders that Owned Cart by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Cart		One Cart		Two Carts		Three Carts		Four Carts		Five and above Carts	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim	18,677	99.76	44	0.24	-	-	-	-	-	-	-	-
Lalo Midir	23,742	99.84	38	0.16	-	-	-	-	-	-	-	-
Mojana Wadera	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet	20,355	99.78	44	0.22	-	-	-	-	-	-	-	-
Asagirt	9,603	99.77	22	0.23	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,899	99.91	-	-	-	-	21	0.09	-	-	-	-
Basona Werana	30,864	99.90	30	0.10	-	-	-	-	-	-	-	-
East Gojam Zone	376,996	99.94	212	0.06	-	-	-	-	-	-	-	-
Bibugn	20,355	99.88	25	0.12	-	-	-	-	-	-	-	-
Hulet Ej Enese	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese	26,596	99.87	35	0.13	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,167	99.71	77	0.29	-	-	-	-	-	-	-	-
Enarj Enawga	31,360	99.85	48	0.15	-	-	-	-	-	-	-	-
Enemay	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	19,392	99.86	27	0.14	-	-	-	-	-	-	-	-
West Gojam Zone	371,246	99.86	404	0.11	113	0.03	-	-	-	-	-	-
Achefer	47,916	99.85	74	0.15	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,720	99.87	57	0.13	-	-	-	-	-	-	-	-
Yilman Densa	53,312	99.88	66	0.12	-	-	-	-	-	-	-	-
Merawi	47,743	99.86	-	-	68	0.14	-	-	-	-	-	-
Sekela	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot	28,744	99.87	37	0.13	-	-	-	-	-	-	-	-
Dembecha	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan	35,491	99.71	105	0.29	-	-	-	-	-	-	-	-
Bure Wemberma	35,663	99.70	65	0.18	44	0.12	-	-	-	-	-	-
Waghamra Zone	75,594	99.92	43	0.06	-	-	17	0.02	-	-	-	-
Zikuala.	13,288	99.87	-	-	-	-	17	0.13	-	-	-	-
Sekota	33,697	99.87	43	0.13	-	-	-	-	-	-	-	-
Dehana	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone	152,587	99.91	136	0.09	-	-	-	-	-	-	-	-
Dangela.	33,861	99.60	136	0.40	-	-	-	-	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone	72,563	99.86	55	0.08	45	0.06	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	29,975	99.67	55	0.18	45	0.15	-	-	-	-	-	-
Bati	16,309	100.00	-	-	-	-	-	-	-	-	-	-
Jile Tsumiga	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi	14,442	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.20B:- Number of Crop Holders that Owned Sprayer (hand operated) by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No Sprayer		One Sprayer		Two Sprayers		Three Sprayers		Four Sprayers		Five and above Sprayers	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,978,643	99.64	7,927	0.27	1,797	0.06	734	0.02	164	0.01	89	0.00
North Gonder Zone	425,388	99.67	1,175	0.28	103	0.02	83	0.02	49	0.01	-	-
Addi Arkay	23,898	99.61	94	0.39	-	-	-	-	-	-	-	-
Beyeda	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora	29,050	99.54	108	0.37	26	0.09	-	-	-	-	-	-
Debark	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat	24,523	99.78	55	0.22	-	-	-	-	-	-	-	-
Sanja	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armachebo	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	36,887	99.54	170	0.46	-	-	-	-	-	-	-	-
Gondar Zuria	38,748	99.46	160	0.41	-	-	-	-	49	0.13	-	-
Dembia	41,144	99.69	128	0.31	-	-	-	-	-	-	-	-
Chilga	32,076	99.35	210	0.65	-	-	-	-	-	-	-	-
Metema	10,122	99.70	14	0.14	16	0.16	-	-	-	-	-	-
Quara	9,353	99.49	35	0.37	13	0.14	-	-	-	-	-	-
Alefa	46,112	99.71	132	0.29	-	-	-	-	-	-	-	-
Belesa	44,948	99.56	69	0.15	48	0.11	83	0.18	-	-	-	-
South Gonder Zone	373,185	99.71	662	0.18	291	0.08	114	0.03	-	-	-	-
Ebenat	41,771	99.53	145	0.35	53	0.13	-	-	-	-	-	-
Kemekem	30,738	99.84	-	-	48	0.16	-	-	-	-	-	-
Fogera	40,272	99.70	-	-	60	0.15	61	0.15	-	-	-	-
Farta	47,500	99.72	134	0.28	-	-	-	-	-	-	-	-
Lay Gayint	39,261	99.89	42	0.11	-	-	-	-	-	-	-	-
Tach Gayint	20,238	99.84	32	0.16	-	-	-	-	-	-	-	-
Simada	46,868	99.65	50	0.11	62	0.13	53	0.11	-	-	-	-
Estie	63,283	99.68	206	0.32	-	-	-	-	-	-	-	-
Dera	43,252	99.71	54	0.12	70	0.16	-	-	-	-	-	-
North Wollo Zone	307,116	99.82	310	0.10	126	0.04	117	0.04	-	-	-	-
Bugna	46,644	99.85	-	-	72	0.15	-	-	-	-	-	-
Kobo	41,418	99.87	-	-	54	0.13	-	-	-	-	-	-
Gidan	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket	48,048	99.88	59	0.12	-	-	-	-	-	-	-	-
Wadala	26,595	99.75	-	-	-	-	66	0.25	-	-	-	-
Dawutna Delanta	35,812	99.73	47	0.13	-	-	51	0.14	-	-	-	-
Guba Lafto	35,551	99.86	49	0.14	-	-	-	-	-	-	-	-
Habru	38,489	99.60	156	0.40	-	-	-	-	-	-	-	-
South Wollo Zone	490,819	99.79	516	0.10	338	0.07	122	0.02	34	0.01	31	0.01
Mekdela	30,693	99.88	-	-	38	0.12	-	-	-	-	-	-
Tenta	35,372	99.75	88	0.25	-	-	-	-	-	-	-	-
Kutaber	21,596	99.74	-	-	28	0.13	28	0.13	-	-	-	-
Ambasel	26,283	99.69	48	0.18	-	-	-	-	34	0.13	-	-
Tehuledere	23,631	99.83	18	0.08	-	-	22	0.09	-	-	-	-
Werebabu	21,192	99.68	32	0.15	36	0.17	-	-	-	-	-	-
Kalu	38,945	99.41	103	0.26	57	0.15	72	0.18	-	-	-	-
Dessie Zuria	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo	35,427	99.52	81	0.23	90	0.25	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,630	99.88	43	0.12	-	-	-	-	-	-	-	-
Kelala	29,904	99.93	-	-	20	0.07	-	-	-	-	-	-
Jama	24,973	99.62	64	0.26	-	-	-	-	-	-	31	0.12
Were Ilu	29,608	99.64	39	0.13	68	0.23	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	335,634	99.08	2,682	0.79	305	0.09	97	0.03	11	0.00	34	0.01
Middana Weremo	16,577	99.55	25	0.15	50	0.30	-	-	-	-	-	-
Merhabete	22,956	99.66	35	0.15	44	0.19	-	-	-	-	-	-
Insarona Wayu	24,383	99.43	86	0.35	30	0.12	24	0.10	-	-	-	-
Moretna Jiru	17,221	99.61	68	0.39	-	-	-	-	-	-	-	-

Table 8.20B:- Number of Crop Holders that Owned Sprayer (hand operated) by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Sprayer		One Sprayer		Two Sprayers		Three Sprayers		Four Sprayers		Five and above Sprayers	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,233	99.87	-	-	35	0.13	-	-	-	-	-	-
Geshe	11,637	99.45	17	0.15	47	0.40	-	-	-	-	-	-
Antsokiya Gemza	12,954	99.76	15	0.12	16	0.12	-	-	-	-	-	-
Efratana Gidim	18,581	99.25	140	0.75	-	-	-	-	-	-	-	-
Lalo Midir	23,664	99.51	87	0.37	-	-	29	0.12	-	-	-	-
Mojana Wadera	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber	16,979	99.00	171	1.00	-	-	-	-	-	-	-	-
Kewet	20,151	98.78	204	1.00	-	-	44	0.22	-	-	-	-
Asagirt	9,549	99.21	76	0.79	-	-	-	-	-	-	-	-
Angolelana Tera	14,892	99.75	17	0.11	21	0.14	-	-	-	-	-	-
Ankober	15,343	96.90	464	2.93	27	0.17	-	-	-	-	-	-
Hagere Mariam	10,016	94.01	558	5.24	35	0.33	-	-	11	0.10	34	0.32
Berehet	5,309	98.06	105	1.94	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,445	97.93	475	2.07	-	-	-	-	-	-	-	-
Basona Werana	30,754	99.55	140	0.45	-	-	-	-	-	-	-	-
East Gojam Zone	376,134	99.72	902	0.24	148	0.04	-	-	-	-	24	0.01
Bibugn	20,332	99.76	23	0.11	25	0.12	-	-	-	-	-	-
Hulet Ej Enese	42,648	99.36	208	0.48	66	0.15	-	-	-	-	-	-
Goncha Siso Enese	26,450	99.32	181	0.68	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,070	99.34	174	0.66	-	-	-	-	-	-	-	-
Enarj Enawga	31,240	99.47	110	0.35	58	0.18	-	-	-	-	-	-
Enemay	26,264	99.84	43	0.16	-	-	-	-	-	-	-	-
Debay Telatgen	24,143	99.84	39	0.16	-	-	-	-	-	-	-	-
Machakel	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn	42,757	99.87	57	0.13	-	-	-	-	-	-	-	-
Baso Liben	26,057	99.87	35	0.13	-	-	-	-	-	-	-	-
Awabel	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen	20,243	99.88	-	-	-	-	-	-	-	-	24	0.12
Shebel Berenta	19,388	99.84	31	0.16	-	-	-	-	-	-	-	-
West Gojam Zone	369,827	99.48	1,315	0.35	380	0.10	183	0.05	58	0.02	-	-
Achefer	47,640	99.27	350	0.73	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,383	99.12	182	0.41	156	0.35	56	0.13	-	-	-	-
Yilman Densa	53,263	99.78	63	0.12	52	0.10	-	-	-	-	-	-
Merawi	47,584	99.53	78	0.16	81	0.17	68	0.14	-	-	-	-
Sekela	25,659	99.64	59	0.23	33	0.13	-	-	-	-	-	-
Kuarit	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot	28,673	99.62	73	0.25	35	0.12	-	-	-	-	-	-
Dembecha	21,660	98.92	213	0.97	23	0.11	-	-	-	-	-	-
Jabi Tehnan	35,596	100.00	-	-	-	-	-	-	-	-	-	-
Bure Wemberma	35,357	98.84	299	0.84	-	-	58	0.16	58	0.16	-	-
Waghamra Zone	75,537	99.85	106	0.14	-	-	-	-	11	0.01	-	-
Zikuala	13,269	99.73	25	0.19	-	-	-	-	11	0.08	-	-
Sekota	33,696	99.87	44	0.13	-	-	-	-	-	-	-	-
Dehana	28,573	99.87	37	0.13	-	-	-	-	-	-	-	-
Awi Zone	152,509	99.86	109	0.07	105	0.07	-	-	-	-	-	-
Dangela	33,922	99.78	75	0.22	-	-	-	-	-	-	-	-
Banja	25,856	99.73	-	-	71	0.27	-	-	-	-	-	-
Ankesha	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua	31,239	99.89	-	-	34	0.11	-	-	-	-	-	-
Faggeta Lekoma	23,437	99.86	34	0.14	-	-	-	-	-	-	-	-
Oromia Zone	72,495	99.77	149	0.21	-	-	19	0.03	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,249	99.63	41	0.25	-	-	19	0.12	-	-	-	-
Jile Tsumiga	11,779	99.50	59	0.50	-	-	-	-	-	-	-	-
Artuma Fursi	14,393	99.66	49	0.34	-	-	-	-	-	-	-	-

Table 8.21B:- Number of Crop Holders that Owned Wheelbarrow by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No Wheelbarrow		One Wheelbarrow		Two Wheelbarrows		Three Wheelbarrows		Four Wheelbarrows		Five and above Wheelbarrows	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,988,408	99.97	946	0.03	-	-	-	-	-	-	-	-
North Gonder Zone	426,670	99.97	128	0.03	-	-	-	-	-	-	-	-
Addi Arkay	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho	24,867	99.57	108	0.43	-	-	-	-	-	-	-	-
Wegera	37,057	100.00	-	-	-	-	-	-	-	-	-	-
Gondar Zuria	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara	9,381	99.79	20	0.21	-	-	-	-	-	-	-	-
Alefa	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	374,124	99.97	128	0.03	-	-	-	-	-	-	-	-
Ebenat	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta	47,562	99.85	72	0.15	-	-	-	-	-	-	-	-
Lay Gayint	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera	43,320	99.87	56	0.13	-	-	-	-	-	-	-	-
North Wollo Zone	307,669	100.00	-	-	-	-	-	-	-	-	-	-
Bugna	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala	26,661	100.00	-	-	-	-	-	-	-	-	-	-
Dawutna Delanta	35,910	100.00	-	-	-	-	-	-	-	-	-	-
Guba Lafto	35,600	100.00	-	-	-	-	-	-	-	-	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	491,536	99.93	324	0.07	-	-	-	-	-	-	-	-
Mekdela	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber	21,624	99.87	28	0.13	-	-	-	-	-	-	-	-
Ambasel	26,333	99.88	32	0.12	-	-	-	-	-	-	-	-
Tehuledere	23,640	99.87	31	0.13	-	-	-	-	-	-	-	-
Werebabu	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria	64,744	99.71	190	0.29	-	-	-	-	-	-	-	-
Legambo	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala	29,880	99.85	44	0.15	-	-	-	-	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,621	99.96	142	0.04	-	-	-	-	-	-	-	-
Middana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu	24,494	99.88	29	0.12	-	-	-	-	-	-	-	-
Moretna Jiru	17,289	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.21B:- Number of Crop Holders that Owned Wheelbarrow by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Wheelbarrow		One Wheelbarrow		Two Wheelbarrows		Three Wheelbarrows		Four Wheelbarrows		Five and above Wheelbarrows	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim	18,721	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Midir	23,780	100.00	-	-	-	-	-	-	-	-	-	-
Mojana Wadera	14,954	99.77	35	0.23	-	-	-	-	-	-	-	-
Tarma Ber	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet	20,399	100.00	-	-	-	-	-	-	-	-	-	-
Asagirt	9,625	100.00	-	-	-	-	-	-	-	-	-	-
Angolelana Tera	14,913	99.89	17	0.11	-	-	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,631	99.78	23	0.22	-	-	-	-	-	-	-	-
Berehet	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,920	100.00	-	-	-	-	-	-	-	-	-	-
Basona Werana	30,857	99.88	37	0.12	-	-	-	-	-	-	-	-
East Gojam Zone	377,165	99.99	43	0.01	-	-	-	-	-	-	-	-
Bibugn	20,380	100.00	-	-	-	-	-	-	-	-	-	-
Hulet Ej Enese	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,244	100.00	-	-	-	-	-	-	-	-	-	-
Enarj Enawga	31,408	100.00	-	-	-	-	-	-	-	-	-	-
Enemay	26,264	99.84	43	0.16	-	-	-	-	-	-	-	-
Debay Telatgen	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	371,720	99.99	43	0.01	-	-	-	-	-	-	-	-
Achefer	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	47,811	100.00	-	-	-	-	-	-	-	-	-	-
Sekela	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan	35,596	100.00	-	-	-	-	-	-	-	-	-	-
Bure Wemberma	35,729	99.88	43	0.12	-	-	-	-	-	-	-	-
Waghamra Zone	75,654	100.00	-	-	-	-	-	-	-	-	-	-
Zikuala.	13,305	100.00	-	-	-	-	-	-	-	-	-	-
Sekota	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone	152,723	100.00	-	-	-	-	-	-	-	-	-	-
Dangela.	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone	72,525	99.81	138	0.19	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,258	99.69	51	0.31	-	-	-	-	-	-	-	-
Jile Tsumiga	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi	14,355	99.40	87	0.60	-	-	-	-	-	-	-	-

Table 8.22B:- Number of Crop Holders that Owned Ass (Specifically for ploughing) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,968,619	99.31	16,078	0.54	4,206	0.14	352	0.01	74	0.00	25	0.00
North Gonder Zone	424,008	99.35	2,181	0.51	457	0.11	78	0.02	74	0.02	-	-
Addi Arkay	23,671	98.66	216	0.90	81	0.34	24	0.10	-	-	-	-
Beyeda	17,270	98.48	267	1.52	-	-	-	-	-	-	-	-
Janamora	28,642	98.14	489	1.68	53	0.18	-	-	-	-	-	-
Debark	21,428	99.70	32	0.15	32	0.15	-	-	-	-	-	-
Dabat	24,415	99.34	163	0.66	-	-	-	-	-	-	-	-
Sanja	24,381	99.42	54	0.22	88	0.36	-	-	-	-	-	-
Lay Armacheho	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	36,433	98.32	505	1.36	64	0.17	55	0.15	-	-	-	-
Gondar Zuria	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga	32,243	99.87	43	0.13	-	-	-	-	-	-	-	-
Metema	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara	9,390	99.88	-	-	11	0.12	-	-	-	-	-	-
Alefa	45,702	98.83	413	0.89	129	0.28	-	-	-	-	-	-
Belesa	45,074	99.84	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	371,618	99.30	2,278	0.61	356	0.10	-	-	74	0.16	-	-
Ebenat	41,871	99.77	98	0.23	-	-	-	-	-	-	-	-
Kemekem	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta	46,743	98.13	832	1.75	59	0.12	-	-	-	-	-	-
Lay Gayint	37,884	96.39	1,194	3.04	225	0.57	-	-	-	-	-	-
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	46,962	99.85	-	-	71	0.15	-	-	-	-	-	-
Estie	63,335	99.76	154	0.24	-	-	-	-	-	-	-	-
Dera	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	304,702	99.04	2,484	0.81	452	0.15	31	0.01	-	-	-	-
Bugna	46,668	99.90	48	0.10	-	-	-	-	-	-	-	-
Kobo	41,420	99.87	52	0.13	-	-	-	-	-	-	-	-
Gidan	34,519	99.88	41	0.12	-	-	-	-	-	-	-	-
Meket	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala	25,792	96.74	546	2.05	292	1.10	31	0.12	-	-	-	-
Dawutna Delanta	34,444	95.92	1,409	3.92	57	0.16	-	-	-	-	-	-
Guba Lafto	35,108	98.62	388	1.09	104	0.29	-	-	-	-	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	489,159	99.45	2,258	0.46	443	0.09	-	-	-	-	-	-
Mekdela	30,684	99.85	47	0.15	-	-	-	-	-	-	-	-
Tenta	35,218	99.32	145	0.41	97	0.27	-	-	-	-	-	-
Kutaber	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere	23,641	99.87	30	0.13	-	-	-	-	-	-	-	-
Werebabu	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu	39,118	99.85	-	-	59	0.15	-	-	-	-	-	-
Dessie Zuria	64,789	99.78	145	0.22	-	-	-	-	-	-	-	-
Legambo	33,450	93.97	1,861	5.23	287	0.81	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama	25,037	99.88	31	0.12	-	-	-	-	-	-	-	-
Were Ilu	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	337,906	99.75	836	0.25	21	0.01	-	-	-	-	-	-
Middana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu	24,235	98.83	288	1.17	-	-	-	-	-	-	-	-
Moretna Jiru	17,156	99.23	133	0.77	-	-	-	-	-	-	-	-

Table 8.22B:- Number of Crop Holders that Owned Ass (Specifically for ploughing) by Geographic Area.(Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,051	99.20	217	0.80	-	-	-	-	-	-	-	-
Geshe	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim	18,655	99.65	66	0.35	-	-	-	-	-	-	-	-
Lalo Midir	23,742	99.84	38	0.16	-	-	-	-	-	-	-	-
Mojana Wadera	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet	20,372	99.87	27	0.13	-	-	-	-	-	-	-	-
Asagirt	9,603	99.77	22	0.23	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,853	99.71	46	0.20	21	0.09	-	-	-	-	-	-
Basona Werana	30,894	100.00	-	-	-	-	-	-	-	-	-	-
East Gojam Zone	375,845	99.64	1,027	0.27	311	0.08	-	-	-	-	25	0.01
Bibugn	19,881	97.55	474	2.33	-	-	-	-	-	-	25	0.12
Hulet Ej Enese	42,811	99.74	50	0.12	61	0.14	-	-	-	-	-	-
Goncha Siso Enese	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,211	99.87	33	0.13	-	-	-	-	-	-	-	-
Enarj Enawga	31,320	99.72	51	0.16	37	0.12	-	-	-	-	-	-
Enemay	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	23,958	99.07	97	0.40	127	0.53	-	-	-	-	-	-
Machakel	38,382	99.87	50	0.13	-	-	-	-	-	-	-	-
Guzamn	42,568	99.43	246	0.57	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,025	99.73	-	-	86	0.27	-	-	-	-	-	-
Dejen	20,239	99.86	28	0.14	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	370,928	99.78	671	0.18	47	0.01	117	0.03	-	-	-	-
Achefer	47,872	99.75	59	0.12	-	-	59	0.12	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	47,811	100.00	-	-	-	-	-	-	-	-	-	-
Sekela	25,446	98.82	305	1.18	-	-	-	-	-	-	-	-
Kuarit	29,845	99.44	120	0.40	47	0.16	-	-	-	-	-	-
Dega Damot	28,710	99.75	71	0.25	-	-	-	-	-	-	-	-
Dembecha	21,874	99.90	22	0.10	-	-	-	-	-	-	-	-
Jabi Tehnan	35,444	99.57	94	0.26	-	-	58	0.16	-	-	-	-
Bure Wemberma	35,772	100.00	-	-	-	-	-	-	-	-	-	-
Waghamra Zone	75,262	99.48	297	0.39	95	0.13	-	-	-	-	-	-
Zikuala.	13,204	99.24	101	0.76	-	-	-	-	-	-	-	-
Sekota	33,544	99.42	101	0.30	95	0.28	-	-	-	-	-	-
Dehana	28,516	99.67	94	0.33	-	-	-	-	-	-	-	-
Awi Zone	146,571	95.97	4,022	2.63	2,004	1.31	126	0.08	-	-	-	-
Dangela.	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	32,674	85.86	3,607	9.48	1,649	4.33	126	0.33	-	-	-	-
Guangua	31,195	99.75	32	0.10	46	0.15	-	-	-	-	-	-
Faggeta Lekoma	22,779	97.05	383	1.63	309	1.32	-	-	-	-	-	-
Oromia Zone	72,621	99.94	23	0.03	19	0.03	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,290	99.88	-	-	19	0.12	-	-	-	-	-	-
Jile Tsumiga	11,815	99.81	23	0.19	-	-	-	-	-	-	-	-
Artuma Fursi	14,442	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.23B:- Number of Crop Holders that Owned Horse (Specifically for ploughing) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,929,640	98.00	37,878	1.27	18,675	0.62	2,391	0.08	629	0.02	141	0.00
North Gonder Zone	419,293	98.24	5,087	1.19	1,949	0.46	334	0.08	111	0.03	24	0.01
Addi Arkay	23,893	99.59	99	0.41	-	-	-	-	-	-	-	-
Beyeda	17,514	99.87	23	0.13	-	-	-	-	-	-	-	-
Janamora	28,851	98.86	289	0.99	44	0.15	-	-	-	-	-	-
Debark	16,595	77.21	2,956	13.75	1,528	7.11	278	1.29	111	0.52	24	0.11
Dabat	23,941	97.41	468	1.90	169	0.69	-	-	-	-	-	-
Sanja	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	35,542	95.91	1,252	3.38	207	0.56	56	0.15	-	-	-	-
Gondar Zuria	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	371,324	99.22	2,715	0.73	213	0.06	-	-	-	-	-	-
Ebenat	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta	44,770	93.99	2,651	5.57	213	0.45	-	-	-	-	-	-
Lay Gayint	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie	63,425	99.90	64	0.10	-	-	-	-	-	-	-	-
Dera	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	297,677	96.75	7,974	2.59	1,737	0.56	205	0.07	76	0.02	-	-
Bugna	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan	33,762	97.69	614	1.78	184	0.53	-	-	-	-	-	-
Meket	45,242	94.04	2,126	4.42	534	1.11	205	0.43	-	-	-	-
Wadala	21,772	81.66	4,040	15.15	773	2.90	-	-	76	0.29	-	-
Dawutna Delanta	34,978	97.40	764	2.13	168	0.47	-	-	-	-	-	-
Guba Lafto	35,091	98.57	431	1.21	78	0.22	-	-	-	-	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	487,449	99.10	3,833	0.78	578	0.12	-	-	-	-	-	-
Mekdela	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta	33,250	93.77	1,871	5.28	339	0.96	-	-	-	-	-	-
Kutaber	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria	64,306	99.03	560	0.86	68	0.10	-	-	-	-	-	-
Legambo	34,061	95.68	1,366	3.84	171	0.48	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala	29,888	99.88	36	0.12	-	-	-	-	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	336,358	99.29	2,307	0.68	98	0.03	-	-	-	-	-	-
Midana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	22,985	99.78	24	0.10	26	0.11	-	-	-	-	-	-
Insarona Wayu	24,329	99.21	194	0.79	-	-	-	-	-	-	-	-
Moretna Jiru	16,123	93.26	1,142	6.61	24	0.14	-	-	-	-	-	-

Table 8.23B:- Number of Crop Holders that Owned Horse (Specifically for ploughing) by Geographic Area.(Continued)

Geographic Area	Number of Crop Holders that Owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	26,816	98.34	426	1.56	26	0.10	-	-	-	-	-	-
Geshe	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,968	99.87	17	0.13	-	-	-	-	-	-	-	-
Efratana Gidim	18,335	97.94	365	1.95	21	0.11	-	-	-	-	-	-
Lalo Midir	23,716	99.73	64	0.27	-	-	-	-	-	-	-	-
Mojana Wadera	14,949	99.73	40	0.27	-	-	-	-	-	-	-	-
Tarma Ber	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet	20,399	100.00	-	-	-	-	-	-	-	-	-	-
Asagirt	9,625	100.00	-	-	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,920	100.00	-	-	-	-	-	-	-	-	-	-
Basona Werana	30,861	99.89	33	0.11	-	-	-	-	-	-	-	-
East Gojam Zone	373,651	99.06	3,065	0.81	492	0.13	-	-	-	-	-	-
Bibugn	20,129	98.77	227	1.11	24	0.12	-	-	-	-	-	-
Hulet Ej Enese	42,754	99.61	114	0.27	54	0.13	-	-	-	-	-	-
Goncha Siso Enese	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,244	100.00	-	-	-	-	-	-	-	-	-	-
Enarj Enawga	31,408	100.00	-	-	-	-	-	-	-	-	-	-
Enemay	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	24,012	99.30	170	0.70	-	-	-	-	-	-	-	-
Machakel	37,962	98.78	470	1.22	-	-	-	-	-	-	-	-
Guzamn	40,982	95.72	1,512	3.53	320	0.75	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	31,445	97.93	573	1.78	93	0.29	-	-	-	-	-	-
Dejen	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	365,988	98.45	3,749	1.01	1,919	0.52	71	0.02	36	0.01	-	-
Achefer	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	47,747	99.87	64	0.13	-	-	-	-	-	-	-	-
Sekela	22,273	86.49	2,019	7.84	1,352	5.25	71	0.28	36	0.14	-	-
Kuarit	29,665	98.84	347	1.16	-	-	-	-	-	-	-	-
Dega Damot	27,232	94.62	1,058	3.68	491	1.71	-	-	-	-	-	-
Dembecha	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan	35,553	99.88	43	0.12	-	-	-	-	-	-	-	-
Bure Wemberma	35,479	99.18	217	0.61	76	0.21	-	-	-	-	-	-
Waghamra Zone	75,654	100.00	-	-	-	-	-	-	-	-	-	-
Zikuala.	13,305	100.00	-	-	-	-	-	-	-	-	-	-
Sekota	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone	129,580	84.85	9,149	5.99	11,690	7.65	1,780	1.17	406	0.27	118	0.08
Dangela.	33,955	99.88	42	0.12	-	-	-	-	-	-	-	-
Banja	11,463	44.21	5,032	19.41	7,807	30.11	1,248	4.81	293	1.13	84	0.32
Ankesha	36,090	94.83	1,338	3.52	547	1.44	-	-	81	0.21	-	-
Guangua	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	16,800	71.58	2,737	11.66	3,336	14.21	532	2.27	32	0.14	34	0.14
Oromia Zone	72,663	100.00	-	-	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo.	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,309	100.00	-	-	-	-	-	-	-	-	-	-
Jile Tsumiga	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Arturna Fursi	14,442	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.24B :- Number of Crop Holders that Owned Mule (Specifically for ploughing) by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,985,625	99.88	3,387	0.11	317	0.01	25	0.00	-	-	-	-
North Gonder Zone	426,556	99.94	192	0.04	25	0.01	25	0.01	-	-	-	-
Addi Arkay	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark	21,369	99.43	73	0.34	25	0.12	25	0.12	-	-	-	-
Dabat	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	36,938	99.68	119	0.32	-	-	-	-	-	-	-	-
Gondar Zuria	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	373,067	99.68	1,114	0.30	71	0.02	-	-	-	-	-	-
Ebenat	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta	46,449	97.51	1,114	2.34	71	0.15	-	-	-	-	-	-
Lay Gayint	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	307,221	99.85	414	0.13	34	0.01	-	-	-	-	-	-
Bugna	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket	48,004	99.79	103	0.21	-	-	-	-	-	-	-	-
Wadala	26,508	99.43	119	0.45	34	0.13	-	-	-	-	-	-
Dawutna Delanta	35,718	99.47	192	0.53	-	-	-	-	-	-	-	-
Guba Lafto	35,600	100.00	-	-	-	-	-	-	-	-	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	491,811	99.99	49	0.01	-	-	-	-	-	-	-	-
Mekdela	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo	35,549	99.86	49	0.14	-	-	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,600	99.95	141	0.04	22	0.01	-	-	-	-	-	-
Middana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	17,289	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.24B:- Number of Crop Holders that Owned Mule (for ploughing) by Geographic Area.(Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,166	99.63	102	0.37	-	-	-	-	-	-	-	-
Geshe	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,968	99.87	17	0.13	-	-	-	-	-	-	-	-
Efratana Gidim	18,677	99.76	22	0.12	22	0.12	-	-	-	-	-	-
Lalo Midir	23,780	100.00	-	-	-	-	-	-	-	-	-	-
Mojana Wadera	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet	20,399	100.00	-	-	-	-	-	-	-	-	-	-
Asagirt	9,625	100.00	-	-	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,920	100.00	-	-	-	-	-	-	-	-	-	-
Basona Werana	30,894	100.00	-	-	-	-	-	-	-	-	-	-
East Gojam Zone	376,803	99.89	306	0.08	99	0.03	-	-	-	-	-	-
Bibugn	20,355	99.88	25	0.12	-	-	-	-	-	-	-	-
Hulet Ej Enese	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,244	100.00	-	-	-	-	-	-	-	-	-	-
Enarj Enawga	31,408	100.00	-	-	-	-	-	-	-	-	-	-
Enemay	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel	38,283	99.61	50	0.13	99	0.26	-	-	-	-	-	-
Guzamn	42,628	99.57	186	0.43	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,066	99.86	45	0.14	-	-	-	-	-	-	-	-
Dejen	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	370,979	99.79	746	0.20	38	0.01	-	-	-	-	-	-
Achefer	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	47,811	100.00	-	-	-	-	-	-	-	-	-	-
Sekela	25,521	99.11	192	0.75	38	0.15	-	-	-	-	-	-
Kuarit	29,590	98.59	422	1.41	-	-	-	-	-	-	-	-
Dega Damot	28,649	99.54	132	0.46	-	-	-	-	-	-	-	-
Dembecha	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan	35,596	100.00	-	-	-	-	-	-	-	-	-	-
Bure Wemberma	35,772	100.00	-	-	-	-	-	-	-	-	-	-
Waghamra Zone	75,654	100.00	-	-	-	-	-	-	-	-	-	-
Zikuala.	13,305	100.00	-	-	-	-	-	-	-	-	-	-
Sekota	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone	152,270	99.70	425	0.28	28	0.02	-	-	-	-	-	-
Dangela.	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja	25,700	99.12	227	0.88	-	-	-	-	-	-	-	-
Ankesha	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,245	99.04	198	0.84	28	0.12	-	-	-	-	-	-
Oromia Zone	72,663	100.00	-	-	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,309	100.00	-	-	-	-	-	-	-	-	-	-
Jile Tsumiga	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi	14,442	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.25B:- Number of Crop Holders that Owned Ox (Specifically for ploughing) by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No Ox		One Ox		Two Oxen		Three Oxen		Four Oxen		Five and above Oxen	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	867,214	29.01	953,497	31.90	995,066	33.29	113,578	3.80	49,346	1.65	10,653	0.36
North Gonder Zone	122,643	28.74	140,571	32.94	136,190	31.91	16,582	3.89	8,800	2.06	2,012	0.47
Addi Arkay	8,136	33.91	8,198	34.17	6,606	27.53	601	2.51	416	1.73	35	0.15
Beyeda	6,667	38.02	8,372	47.74	2,302	13.13	123	0.70	73	0.42	-	-
Janamora	11,410	39.10	11,490	39.37	5,958	20.42	248	0.85	78	0.27	-	-
Debark	9,539	44.38	6,528	30.37	4,256	19.80	792	3.69	258	1.20	119	0.55
Dabat	9,155	37.25	9,371	38.13	5,334	21.70	685	2.79	33	0.13	-	-
Janja	4,148	16.91	4,962	20.23	12,249	49.95	1,249	5.09	1,443	5.88	472	1.92
Lay Armachiho	7,627	30.54	8,840	35.40	7,633	30.56	576	2.31	215	0.86	84	0.34
Wegera	13,321	35.95	14,197	38.31	8,709	23.50	482	1.30	293	0.79	55	0.15
Gondar Zuria	10,789	27.69	12,049	30.93	13,551	34.78	2,149	5.52	265	0.68	154	0.40
Dembia	9,180	22.24	16,201	39.25	14,137	34.25	1,308	3.17	380	0.92	66	0.16
Chilga	7,324	22.68	9,565	29.63	13,275	41.12	1,302	4.03	653	2.02	167	0.52
Metema	3,369	33.19	2,344	23.09	3,278	32.29	414	4.08	501	4.93	246	2.42
Quara	2,638	28.06	1,951	20.75	3,498	37.21	587	6.24	607	6.46	120	1.28
Alefa	10,585	22.89	12,927	27.95	17,605	38.07	3,235	7.00	1,721	3.72	171	0.37
Belesa	8,754	19.39	13,575	30.07	17,800	39.43	2,831	6.27	1,864	4.13	324	0.72
South Gonder Zone	99,661	26.63	139,629	37.31	119,365	31.89	11,922	3.19	3,211	0.86	464	0.12
Ebenat	11,209	26.71	13,350	31.81	14,886	35.47	1,573	3.75	776	1.85	175	0.42
Kemekem	8,448	27.44	11,027	35.82	10,116	32.86	1,112	3.61	83	0.27	-	-
Fogera	11,835	29.30	12,871	31.86	12,300	30.45	2,753	6.82	586	1.45	48	0.12
Farta	15,750	33.06	18,997	39.88	12,012	25.22	725	1.52	150	0.31	-	-
Lay Gayint	14,262	36.29	16,297	41.47	8,316	21.16	308	0.78	63	0.16	57	0.15
Tach Gayint	6,485	31.99	8,253	40.72	5,223	25.77	195	0.96	85	0.42	29	0.14
Simada	11,310	24.05	16,807	35.73	17,400	37.00	1,240	2.64	222	0.47	54	0.11
Estie	10,146	15.98	24,867	39.17	25,211	39.71	2,564	4.04	701	1.10	-	-
Dera	10,214	23.55	17,159	39.56	13,900	32.05	1,453	3.35	547	1.26	103	0.24
North Wollo Zone	102,202	33.22	107,972	35.09	88,794	28.86	5,865	1.91	2,430	0.79	406	0.13
Bugna	14,374	30.77	16,687	35.72	12,665	27.11	1,933	4.14	933	2.00	124	0.27
Kobo	9,285	22.39	15,546	37.49	14,780	35.64	1,319	3.18	542	1.31	-	-
Gidan	11,343	32.82	14,114	40.84	8,660	25.06	215	0.62	131	0.38	97	0.28
Meket	15,465	32.15	17,717	36.83	13,926	28.95	674	1.40	325	0.68	-	-
Wadala	10,454	39.21	8,700	32.63	7,155	26.84	249	0.93	103	0.39	-	-
Dawutna Delanta	12,335	34.35	12,838	35.75	9,742	27.13	828	2.31	129	0.36	38	0.11
Guba Lafto	12,985	36.47	12,862	36.13	9,262	26.02	343	0.96	95	0.27	53	0.15
Habru	15,964	41.31	9,507	24.60	12,603	32.61	304	0.79	172	0.45	95	0.25
South Wollo Zone	163,165	33.17	134,183	27.28	181,004	36.80	9,540	1.94	3,370	0.69	598	0.12
Mekdela	9,902	32.22	9,423	30.66	11,011	35.83	366	1.19	29	0.09	-	-
Tenta	12,980	36.60	13,104	36.95	8,830	24.90	400	1.13	146	0.41	-	-
Kutaber	5,689	26.27	6,645	30.69	8,834	40.80	433	2.00	51	0.24	-	-
Ambasel	8,108	30.75	5,665	21.49	11,879	45.06	562	2.13	71	0.27	80	0.30
Tehuledere	7,740	32.70	7,282	30.76	8,186	34.58	383	1.62	51	0.22	29	0.12
Werebabu	7,929	37.30	5,366	25.24	7,045	33.14	417	1.96	396	1.86	107	0.50
Kalu	13,441	34.31	9,232	23.56	14,773	37.71	1,414	3.61	240	0.61	77	0.20
Dessie Zuria	23,678	36.46	18,625	28.68	21,354	32.89	1,179	1.82	-	-	98	0.15
Legambo	17,023	47.82	7,569	21.26	10,442	29.33	525	1.47	39	0.11	-	-
Sayint	10,207	22.76	13,823	30.82	19,855	44.27	629	1.40	224	0.50	115	0.26
Debresina	11,070	30.19	9,321	25.42	15,393	41.97	697	1.90	192	0.52	-	-
Kelala	8,183	27.35	5,262	17.58	14,142	47.26	1,035	3.46	1,211	4.05	91	0.30
Jama	8,766	34.97	7,258	28.95	8,300	33.11	515	2.05	229	0.91	-	-
Were Ilu	10,752	36.18	9,203	30.97	9,259	31.16	347	1.17	154	0.52	-	-
Wegde	7,696	28.74	6,405	23.92	11,701	43.69	639	2.39	338	1.26	-	-
North Shewa (Amhara) Zone	95,571	28.21	103,027	30.41	121,538	35.88	11,396	3.36	5,990	1.77	1,241	0.37
Middana Weremo	5,796	34.81	5,849	35.12	4,314	25.91	331	1.99	265	1.59	97	0.58
Merhabete	5,832	25.32	7,794	33.84	8,433	36.61	691	3.00	232	1.01	53	0.23
Insarona Wayu	7,040	28.71	7,947	32.41	7,989	32.58	1,016	4.14	377	1.54	154	0.63
Moretna Jiru	4,668	27.00	6,797	39.31	5,385	31.15	412	2.38	27	0.16	-	-

Table 8.25B:- Number of Crop Holders that Owned Ox (Specifically for ploughing) by Geographic Area.(Continued)

Geographic Area	Number of Crop Holders that Owned											
	No Ox		One Ox		Two Oxen		Three Oxen		Four Oxen		Five and above Oxen	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	9,397	34.46	9,310	34.14	7,613	27.92	836	3.07	82	0.30	30	0.11
Geshe	3,349	28.62	4,741	40.52	3,378	28.87	170	1.45	63	0.54	-	-
Antsokiya Gemza	5,405	41.62	4,495	34.62	2,957	22.77	91	0.70	37	0.28	-	-
Efratana Gidim	5,391	28.80	7,235	38.65	5,540	29.59	367	1.96	164	0.88	24	0.13
Lalo Midir	6,642	27.93	8,158	34.31	8,569	36.03	346	1.46	32	0.13	33	0.14
Mojana Wadera	3,677	24.53	4,557	30.40	6,429	42.89	271	1.81	21	0.14	34	0.23
Tarma Ber	4,893	28.53	5,209	30.37	6,152	35.87	563	3.28	316	1.84	17	0.10
Kewet	5,865	28.75	5,412	26.53	7,734	37.91	799	3.92	492	2.41	97	0.48
Asagirt	2,566	26.66	2,507	26.05	3,844	39.94	457	4.75	215	2.23	36	0.37
Angolelana Tera	4,094	27.42	2,561	17.15	6,629	44.40	856	5.73	657	4.40	133	0.89
Ankober	4,422	27.93	4,813	30.40	6,042	38.16	393	2.48	145	0.92	19	0.12
Hagere Mariam	2,136	20.05	2,741	25.73	4,819	45.23	690	6.48	245	2.30	23	0.22
Berehet	724	13.37	980	18.10	2,980	55.04	337	6.22	342	6.32	51	0.94
Minjarna Shenkora	5,134	22.40	3,799	16.58	9,941	43.37	1,661	7.25	2,019	8.81	366	1.60
Basona Werana	8,542	27.65	8,123	26.29	12,790	41.40	1,109	3.59	257	0.83	73	0.24
East Gojam Zone	88,065	23.35	131,279	34.80	124,430	32.99	22,104	5.86	9,078	2.41	2,252	0.60
Bibugn	4,228	20.75	11,598	56.91	4,192	20.57	310	1.52	27	0.13	25	0.12
Hulet Ej Enese	7,137	16.63	19,576	45.61	14,352	33.44	1,542	3.59	315	0.73	-	-
Goncha Siso Enese	5,792	21.75	10,560	39.65	9,180	34.47	979	3.68	84	0.32	36	0.14
Enbise Sar Midir	8,346	31.80	11,452	43.64	6,046	23.04	357	1.36	43	0.16	-	-
Enarj Enawga	7,862	25.03	12,138	38.65	9,986	31.79	1,105	3.52	274	0.87	43	0.14
Enemay	6,202	23.58	9,755	37.08	9,118	34.66	1,028	3.91	173	0.66	31	0.12
Debay Telatgen	5,145	21.28	8,759	36.22	8,747	36.17	952	3.94	510	2.11	69	0.29
Machakel	6,407	16.67	9,285	24.16	13,195	34.33	5,566	14.48	2,916	7.59	1,063	2.77
Guzamn	10,054	23.48	11,974	27.97	15,079	35.22	3,463	8.09	1,765	4.12	479	1.12
Baso Liben	6,212	23.81	7,492	28.71	9,689	37.13	1,654	6.34	866	3.32	179	0.69
Awabel	6,563	20.44	6,642	20.68	12,976	40.41	3,912	12.18	1,839	5.73	179	0.56
Dejen	6,633	32.73	6,495	32.05	5,935	29.28	983	4.85	138	0.68	83	0.41
Shebel Berenta	7,484	38.54	5,552	28.59	5,937	30.57	253	1.30	129	0.66	64	0.33
West Gojam Zone	84,049	22.61	121,193	32.60	129,672	34.88	25,912	6.97	8,675	2.33	2,262	0.61
Achefer	10,965	22.85	9,771	20.36	18,982	39.55	5,698	11.87	2,242	4.67	332	0.69
Bahir Dar Zuria	10,768	24.05	10,804	24.13	18,169	40.58	3,504	7.83	1,117	2.49	415	0.93
Yilman Densa	11,406	21.37	25,214	47.24	15,151	28.38	1,461	2.74	76	0.14	70	0.13
Merawi	10,474	21.91	11,965	25.03	19,028	39.80	5,021	10.50	991	2.07	332	0.69
Sekela	7,272	28.24	10,098	39.21	7,734	30.03	537	2.09	110	0.43	-	-
Kuarit	5,045	16.81	14,583	48.59	9,441	31.46	718	2.39	225	0.75	-	-
Dega Damot	4,915	17.08	15,082	52.40	8,012	27.84	729	2.53	43	0.15	-	-
Dembecha	3,518	16.07	4,395	20.07	9,348	42.69	3,033	13.85	1,297	5.92	305	1.39
Jabi Tehnan	9,194	25.83	10,821	30.40	12,624	35.46	2,140	6.01	627	1.76	190	0.53
Bure Wemberma	10,492	29.33	8,461	23.65	11,183	31.26	3,073	8.59	1,947	5.44	616	1.72
Waghamra Zone	22,777	30.11	25,759	34.05	23,054	30.47	2,114	2.79	1,560	2.06	390	0.52
Zikuala.	2,780	20.89	3,573	26.85	5,386	40.48	699	5.25	639	4.80	228	1.71
Sekota	10,297	30.52	11,704	34.69	9,948	29.48	1,099	3.26	644	1.91	48	0.14
Dehana	9,702	33.91	10,482	36.64	7,719	26.98	316	1.10	277	0.97	114	0.40
Awi Zone	64,673	42.35	32,627	21.36	43,266	28.33	6,347	4.16	4,995	3.27	815	0.53
Dangela.	9,194	27.04	7,283	21.42	12,780	37.59	2,722	8.01	1,631	4.80	387	1.14
Banja	18,269	70.46	4,263	16.44	2,993	11.54	302	1.16	30	0.12	70	0.27
Ankesha	18,293	48.07	9,029	23.73	8,863	23.29	1,056	2.77	815	2.14	-	-
Guangua	9,286	29.69	5,822	18.62	11,897	38.04	1,686	5.39	2,224	7.11	358	1.14
Faggeta Lekoma	9,631	41.03	6,231	26.55	6,732	28.68	581	2.48	296	1.26	-	-
Oromia Zone	24,405	33.59	17,258	23.75	27,754	38.20	1,797	2.47	1,237	1.70	212	0.29
Chefe Golana Dawe Rahimedo	10,634	35.36	6,073	20.19	11,697	38.89	795	2.64	721	2.40	155	0.52
Bati	5,047	30.95	4,122	25.27	6,400	39.24	544	3.34	175	1.07	21	0.13
Jile Tsumiga	3,413	28.83	3,457	29.20	4,748	40.11	107	0.90	113	0.95	-	-
Artuma Fursi	5,313	36.79	3,606	24.97	4,909	33.99	350	2.42	228	1.58	36	0.25

Table 8.26B.- Number of Crop Holders that Owned Ass (For threshing or transportation) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,102,809	70.34	731,149	24.46	134,385	4.50	16,454	0.55	2,153	0.07	2,404	0.08
North Gonder Zone	288,386	67.57	115,094	26.97	20,147	4.72	2,488	0.58	235	0.06	448	0.10
Addi Arkay	17,328	72.22	5,691	23.72	708	2.95	265	1.10	-	-	-	-
Beyeda	10,536	60.08	5,881	33.53	910	5.19	149	0.85	17	0.10	44	0.25
Janamora	18,803	64.43	7,351	25.19	2,660	9.11	332	1.14	-	-	38	0.13
Debark	15,744	73.26	4,371	20.34	1,149	5.35	196	0.91	32	0.15	-	-
Dabat	17,627	71.72	5,597	22.77	1,155	4.70	170	0.69	-	-	29	0.12
Janja	14,526	59.23	8,637	35.22	1,234	5.03	66	0.27	30	0.12	30	0.12
Lay Armachcho	17,743	71.04	6,270	25.11	855	3.42	34	0.14	40	0.16	33	0.13
Wegera	24,372	65.77	10,778	29.08	1,852	5.00	55	0.15	-	-	-	-
Gondar Zuria	21,988	56.44	14,459	37.12	2,374	6.09	136	0.35	-	-	-	-
Dembia	34,298	83.10	5,888	14.27	1,039	2.52	-	-	-	-	47	0.11
Chilga	19,623	60.78	11,370	35.22	1,035	3.21	167	0.52	-	-	91	0.28
Metema	5,054	49.78	4,842	47.70	256	2.52	-	-	-	-	-	-
Quara	5,111	54.37	3,897	41.45	357	3.80	28	0.30	-	-	8	0.09
Alefa	35,238	76.20	9,772	21.13	1,169	2.53	-	-	-	-	65	0.14
Belesa	30,393	67.32	10,292	22.80	3,395	7.52	890	1.97	116	0.26	62	0.14
South Gonder Zone	274,979	73.47	78,346	20.93	18,054	4.82	2,365	0.63	96	0.03	412	0.11
Ebenat	29,287	69.78	9,636	22.96	2,468	5.88	444	1.06	43	0.10	91	0.22
Kemekem	20,872	67.80	8,134	26.42	1,603	5.21	177	0.57	-	-	-	-
Fogera	32,501	80.46	6,712	16.62	1,129	2.80	51	0.13	-	-	-	-
Farta	34,171	71.74	11,796	24.76	1,545	3.24	122	0.26	-	-	-	-
Lay Gayint	27,848	70.85	9,461	24.07	1,726	4.39	218	0.55	-	-	50	0.13
Tach Gayint	11,812	58.27	6,963	34.35	1,336	6.59	82	0.40	-	-	77	0.38
Simada	33,653	71.55	8,743	18.59	3,756	7.99	776	1.65	52	0.11	53	0.11
Estie	47,608	74.99	12,092	19.05	3,211	5.06	496	0.78	-	-	82	0.13
Dera	37,228	85.83	4,810	11.09	1,279	2.95	-	-	-	-	59	0.14
North Wollo Zone	227,623	73.98	64,361	20.92	13,856	4.50	1,443	0.47	227	0.07	159	0.05
Bugna	33,330	71.35	10,673	22.85	2,384	5.10	329	0.70	-	-	-	-
Kobo	31,126	75.05	8,893	21.44	1,453	3.50	-	-	-	-	-	-
Gidan	23,422	67.77	8,674	25.10	2,198	6.36	227	0.66	39	0.11	-	-
Meket	36,219	75.29	9,123	18.96	2,396	4.98	193	0.40	60	0.12	116	0.24
Wadala	21,798	81.76	3,911	14.67	818	3.07	134	0.50	-	-	-	-
Dawutna Delanta	23,111	64.36	9,834	27.39	2,560	7.13	329	0.92	76	0.21	-	-
Guba Lafto	25,566	71.81	8,413	23.63	1,389	3.90	136	0.38	53	0.15	43	0.12
Habru	33,050	85.52	4,841	12.53	659	1.71	95	0.25	-	-	-	-
South Wollo Zone	334,677	68.04	127,863	26.00	24,552	4.99	3,912	0.80	520	0.11	336	0.07
Mekdela	19,139	62.28	9,702	31.57	1,536	5.00	237	0.77	74	0.24	43	0.14
Tenta	22,599	63.73	9,840	27.75	2,460	6.94	411	1.16	150	0.42	-	-
Kutaber	14,612	67.49	5,283	24.40	1,522	7.03	209	0.97	26	0.12	-	-
Ambasel	17,707	67.16	7,048	26.73	1,478	5.61	132	0.50	-	-	-	-
Tehuledere	19,763	83.49	3,348	14.14	560	2.37	-	-	-	-	-	-
Werebabu	16,573	77.95	4,144	19.49	493	2.32	50	0.24	-	-	-	-
Kalu	31,527	80.47	6,435	16.43	1,061	2.71	100	0.26	-	-	54	0.14
Dessie Zuria	43,408	66.85	19,674	30.30	1,484	2.29	368	0.57	-	-	-	-
Legambo	21,315	59.88	11,855	33.30	2,170	6.10	218	0.61	-	-	40	0.11
Sayint	31,347	69.89	11,566	25.79	1,590	3.54	290	0.65	60	0.13	-	-
Debresina	28,319	77.22	6,805	18.56	1,312	3.58	140	0.38	52	0.14	45	0.12
Kelala	18,796	62.81	7,811	26.10	2,813	9.40	338	1.13	92	0.31	74	0.25
Jama	14,781	58.96	7,568	30.19	2,175	8.68	514	2.05	-	-	30	0.12
Were Ilu	14,991	50.45	11,476	38.62	2,516	8.47	650	2.19	30	0.10	52	0.17
Wegde	19,795	73.92	5,310	19.83	1,382	5.16	256	0.96	36	0.13	-	-
North Shewa (Amhara) Zone	190,499	56.23	123,248	36.38	21,957	6.48	2,403	0.71	317	0.09	339	0.10
Middana Weremo	11,416	68.56	4,486	26.94	677	4.07	50	0.30	-	-	23	0.14
Merhabete	12,601	54.70	9,582	41.60	730	3.17	93	0.40	-	-	29	0.13
Inisarona Wayu	12,537	51.12	10,433	42.54	1,406	5.73	118	0.48	-	-	29	0.12
Moretna Jiru	8,188	47.36	7,684	44.44	1,346	7.79	71	0.41	-	-	-	-

Table 8.26B:-Number of Crop Holders that Owned Ass (threshing /transportation) by Geographic Area.(Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	15,247	55.92	9,522	34.92	2,226	8.16	237	0.87	36	0.13	-	-
Geshe	6,621	56.58	4,702	40.18	345	2.95	33	0.28	-	-	-	-
Antsokiya Gemza	8,184	63.03	4,443	34.22	341	2.63	17	0.13	-	-	-	-
Efratana Gidim	12,949	69.17	5,269	28.14	457	2.44	21	0.11	25	0.13	-	-
Lalo Midir	14,491	60.94	8,099	34.06	1,098	4.62	65	0.27	-	-	27	0.11
Mojana Wadera	8,711	58.12	5,328	35.55	877	5.85	34	0.23	-	-	39	0.26
Tarma Ber	11,548	67.34	4,749	27.69	790	4.61	63	0.37	-	-	-	-
Kewet	12,505	61.30	7,071	34.66	725	3.55	72	0.35	-	-	26	0.13
Asagirt	5,252	54.57	3,837	39.86	502	5.22	34	0.35	-	-	-	-
Angolelana Tera	7,304	48.92	5,534	37.07	1,806	12.10	266	1.78	20	0.13	-	-
Ankober	11,957	75.51	3,181	20.09	676	4.27	20	0.13	-	-	-	-
Hagere Mariam	4,806	45.11	4,720	44.30	1,041	9.77	75	0.70	12	0.11	-	-
Berehet	2,642	48.80	2,194	40.52	547	10.10	23	0.42	-	-	8	0.15
Minjarna Shenkora	8,220	35.86	9,918	43.27	3,868	16.88	719	3.14	107	0.47	88	0.38
Basona Werana	15,318	49.58	12,498	40.45	2,499	8.09	392	1.27	116	0.38	71	0.23
East Gojam Zone	269,631	71.48	88,792	23.54	16,479	4.37	1,737	0.46	374	0.10	195	0.05
Bibugn	17,292	84.85	2,757	13.53	306	1.50	-	-	-	-	25	0.12
Hulet Ej Enese	32,812	76.45	8,233	19.18	1,637	3.81	120	0.28	120	0.28	-	-
Goncha Siso Enese	18,130	68.08	7,138	26.80	1,255	4.71	108	0.41	-	-	-	-
Enbise Sar Midir	18,037	68.73	6,465	24.63	1,572	5.99	135	0.51	35	0.13	-	-
Enarj Enawga	19,802	63.05	9,048	28.81	2,113	6.73	402	1.28	43	0.14	-	-
Enemay	15,744	59.85	9,068	34.47	1,307	4.97	123	0.47	65	0.25	-	-
Debay Telatgen	14,635	60.52	7,745	32.03	1,557	6.44	138	0.57	39	0.16	68	0.28
Machakel	31,054	80.80	6,042	15.72	1,186	3.09	48	0.12	-	-	102	0.27
Guzamn	33,738	78.80	7,648	17.86	1,231	2.88	148	0.35	49	0.11	-	-
Baso Liben	18,913	72.49	6,477	24.82	629	2.41	73	0.28	-	-	-	-
Awabel	22,107	68.85	7,934	24.71	1,877	5.85	193	0.60	-	-	-	-
Dejen	13,939	68.78	5,181	25.56	937	4.62	186	0.92	24	0.12	-	-
Shebel Berenta	13,428	69.15	5,056	26.04	871	4.49	64	0.33	-	-	-	-
West Gojam Zone	277,203	74.56	84,056	22.61	9,244	2.49	807	0.22	81	0.02	372	0.10
Achefer	35,637	74.26	11,237	23.42	924	1.93	71	0.15	-	-	121	0.25
Bahir Dar Zuria	32,540	72.67	11,322	25.29	915	2.04	-	-	-	-	-	-
Yilman Densa	37,781	70.78	14,305	26.80	1,115	2.09	125	0.23	52	0.10	-	-
Merawi	33,922	70.95	12,038	25.18	1,586	3.32	200	0.42	-	-	65	0.14
Sekela	20,669	80.26	4,660	18.10	386	1.50	-	-	-	-	36	0.14
Kuarit	22,727	75.73	6,634	22.10	579	1.93	72	0.24	-	-	-	-
Dega Damot	23,513	81.70	4,769	16.57	499	1.73	-	-	-	-	-	-
Dembecha	15,995	73.05	5,375	24.55	459	2.10	38	0.17	29	0.13	-	-
Jabi Tehnan	28,714	80.67	5,928	16.65	905	2.54	-	-	-	-	49	0.14
Bure Wemberma	25,706	71.86	7,788	21.77	1,876	5.24	301	0.84	-	-	101	0.28
Waghamra Zone	53,695	70.97	16,689	22.06	4,253	5.62	765	1.01	196	0.26	56	0.07
Zikuala.	6,978	52.45	4,800	36.08	1,184	8.90	176	1.32	111	0.83	56	0.42
Sekota	25,068	74.30	6,641	19.68	1,705	5.05	278	0.82	48	0.14	-	-
Dehana	21,651	75.68	5,247	18.34	1,364	4.77	311	1.09	37	0.13	-	-
Awi Zone	129,338	84.69	18,273	11.96	4,503	2.95	431	0.28	91	0.06	87	0.06
Dangela.	25,565	75.20	6,898	20.29	1,368	4.02	121	0.36	45	0.13	-	-
Banja	24,918	96.11	737	2.84	272	1.05	-	-	-	-	-	-
Ankesha	34,496	90.65	2,425	6.37	994	2.61	45	0.12	46	0.12	50	0.13
Guangua	24,205	77.40	5,439	17.39	1,354	4.33	238	0.76	-	-	37	0.12
Faggeta Lekoma	20,154	85.87	2,775	11.82	515	2.19	27	0.12	-	-	-	-
Oromia Zone	56,777	78.14	14,426	19.85	1,340	1.84	103	0.14	17	0.02	-	-
Chefe Golana Dawe Rahimedo	25,105	83.47	4,453	14.81	469	1.56	48	0.16	-	-	-	-
Bati	14,163	86.84	1,909	11.71	216	1.32	21	0.13	-	-	-	-
Jile Tsumiga	6,369	53.80	5,061	42.75	373	3.15	35	0.30	-	-	-	-
Artuma Fursi	11,139	77.13	3,003	20.79	283	1.96	-	-	17	0.12	-	-

Table 8.27B:- Number of Crop Holders that Owned Camel (For threshing /transportation)by GeographicArea.

Geographic Area	Number of Crop Holders that Owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above Camels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,980,199	99.69	6,556	0.22	1,962	0.07	435	0.01	121	0.00	81	0.00
North Gondar Zone	426,387	99.90	366	0.09	45	0.01	-	-	-	-	-	-
Addi Arkay	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armachelio	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	37,057	100.00	-	-	-	-	-	-	-	-	-	-
Gondar Zuria	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema	9,847	97.00	279	2.75	26	0.26	-	-	-	-	-	-
Quara	9,295	98.87	87	0.93	19	0.20	-	-	-	-	-	-
Alefa	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	374,137	99.97	-	-	71	0.02	-	-	-	-	44	0.01
Ebenat	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem	30,742	99.86	-	-	-	-	-	-	-	-	44	0.14
Fogera	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta	47,563	99.85	-	-	71	0.15	-	-	-	-	-	-
Lay Gayint	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone	304,483	98.96	2,476	0.80	578	0.19	132	0.04	-	-	-	-
Bugna	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo	39,720	95.78	1,529	3.69	223	0.54	-	-	-	-	-	-
Gidan	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala	26,661	100.00	-	-	-	-	-	-	-	-	-	-
Dawutna Delanta	35,866	99.88	44	0.12	-	-	-	-	-	-	-	-
Guba Lafto	35,501	99.72	99	0.28	-	-	-	-	-	-	-	-
Habru	37,355	96.66	804	2.08	354	0.92	132	0.34	-	-	-	-
South Wollo Zone	490,471	99.72	942	0.19	421	0.09	26	0.01	-	-	-	-
Mekdela	30,693	99.88	38	0.12	-	-	-	-	-	-	-	-
Tenta	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber	21,626	99.88	-	-	-	-	26	0.12	-	-	-	-
Ambasel	26,289	99.71	76	0.29	-	-	-	-	-	-	-	-
Tehuledere	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu	20,790	97.79	266	1.25	204	0.96	-	-	-	-	-	-
Kalu	38,398	98.01	561	1.43	218	0.56	-	-	-	-	-	-
Dessie Zuria	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	337,797	99.71	670	0.20	156	0.05	120	0.04	-	-	20	0.01
Middana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	17,289	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.27B:-Number of Crop Holders that Owned Camel (For threshing /transportation) by GeographicArea.(Contin.)

Geographic Area.	Number of Crop Holders that Owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above Camels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim	18,640	99.57	57	0.30	-	-	24	0.13	-	-	-	-
Lalo Midir	23,780	100.00	-	-	-	-	-	-	-	-	-	-
Mojana Wadera	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber	17,099	99.70	-	-	-	-	31	0.18	-	-	20	0.12
Kewet	20,369	99.85	-	-	30	0.15	-	-	-	-	-	-
Asagirt	9,625	100.00	-	-	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,735	99.37	25	0.16	25	0.16	49	0.31	-	-	-	-
Hagere Mariam	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet	5,257	97.10	67	1.24	75	1.39	15	0.28	-	-	-	-
Minjarna Shenkora	22,372	97.61	521	2.27	27	0.12	-	-	-	-	-	-
Basona Werana	30,894	100.00	-	-	-	-	-	-	-	-	-	-
East Gojam Zone	377,119	99.98	45	0.01	-	-	-	-	44	0.01	-	-
Bibugn	20,380	100.00	-	-	-	-	-	-	-	-	-	-
Hulet Ej Enese	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,244	100.00	-	-	-	-	-	-	-	-	-	-
Enarj Enawga	31,364	99.86	-	-	-	-	-	-	44	0.14	-	-
Enemay	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel	38,387	99.88	45	0.12	-	-	-	-	-	-	-	-
Guzamn	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	371,722	99.99	-	-	41	0.01	-	-	-	-	-	-
Achefer	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	47,811	100.00	-	-	-	-	-	-	-	-	-	-
Sekela	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan	35,555	99.88	-	-	41	0.12	-	-	-	-	-	-
Bure Wemberma	35,772	100.00	-	-	-	-	-	-	-	-	-	-
Waghamra Zone	75,654	100.00	-	-	-	-	-	-	-	-	-	-
Zikuala.	13,305	100.00	-	-	-	-	-	-	-	-	-	-
Sekota	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone	152,723	100.00	-	-	-	-	-	-	-	-	-	-
Dangela.	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone	69,706	95.93	2,057	2.83	649	0.89	157	0.22	77	0.11	17	0.02
Chefe Golana Dawe Rahimedo	29,430	97.86	469	1.56	176	0.59	-	-	-	-	-	-
Bati	14,436	88.52	1,459	8.95	294	1.80	47	0.29	56	0.34	17	0.10
Jile Tsumiga	11,599	97.98	84	0.71	69	0.58	65	0.55	21	0.18	-	-
Artuma Fursi	14,241	98.61	45	0.31	111	0.77	45	0.31	-	-	-	-

Table 8.28B:- Number of Crop Holders that Owned Cattle (For threshing or transportation) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Cattle		One Cattle		Two Cattle		Three Cattle		Four Cattle		Five and above Cattle	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	749,094	25.06	685,033	22.92	785,388	26.27	353,875	11.84	213,732	7.15	202,232	6.77
North Gondar Zone	118,967	27.87	119,153	27.92	110,023	25.78	34,554	8.10	20,216	4.74	23,885	5.60
Addi Arkay	7,885	32.87	5,145	21.44	4,811	20.05	1,767	7.36	1,485	6.19	2,899	12.08
Beyeda	6,274	35.78	6,558	37.40	3,375	19.25	929	5.30	304	1.73	97	0.55
Janamora	10,741	36.80	10,601	36.32	6,004	20.57	1,146	3.93	535	1.83	157	0.54
Debark	9,170	42.67	6,518	30.33	3,708	17.25	1,175	5.47	546	2.54	375	1.74
Dabat	8,516	34.65	8,395	34.16	4,875	19.83	1,620	6.59	677	2.75	495	2.01
Sanja	6,593	26.88	4,212	17.18	5,824	23.75	2,163	8.82	1,738	7.09	3,993	16.28
Lay Armachcho	7,264	29.09	6,400	25.63	6,637	26.57	2,009	8.04	1,111	4.45	1,554	6.22
Wegera	12,381	33.41	11,291	30.47	8,742	23.59	2,368	6.39	1,627	4.39	648	1.75
Gondar Zuria	10,926	28.05	10,686	27.43	11,249	28.88	3,632	9.32	1,151	2.95	1,313	3.37
Dembia	8,634	20.92	15,313	37.10	12,400	30.04	2,693	6.53	1,158	2.81	1,074	2.60
Chilga	6,841	21.19	7,460	23.11	9,246	28.64	4,077	12.63	2,455	7.60	2,207	6.84
Metema	3,121	30.74	2,172	21.39	2,621	25.82	631	6.22	687	6.77	920	9.06
Quara	2,549	27.11	1,509	16.05	2,249	23.92	1,089	11.58	889	9.46	1,116	11.87
Alefa	10,121	21.89	12,199	26.38	13,999	30.27	4,831	10.45	2,495	5.40	2,599	5.62
Belesa	7,951	17.61	10,694	23.69	14,284	31.64	4,423	9.80	3,359	7.44	4,437	9.83
South Gonder Zone	85,701	22.90	89,379	23.88	92,714	24.77	50,627	13.53	28,105	7.51	27,726	7.41
Ebenat	10,523	25.07	10,077	24.01	12,161	28.98	4,390	10.46	3,258	7.76	1,560	3.72
Kemekem	8,069	26.21	8,558	27.80	8,292	26.93	2,797	9.09	1,325	4.30	1,745	5.67
Fogera	12,020	29.76	9,668	23.93	8,807	21.80	4,237	10.49	2,517	6.23	3,144	7.78
Farta	12,747	26.76	9,753	20.47	11,723	24.61	6,500	13.65	3,202	6.72	3,709	7.79
Lay Gayint	12,143	30.90	13,520	34.40	8,242	20.97	3,211	8.17	1,441	3.67	746	1.90
Tach Gayint	5,231	25.81	6,107	30.13	5,455	26.91	2,140	10.56	941	4.64	396	1.95
Simada	8,486	18.04	9,471	20.14	11,894	25.29	7,230	15.37	4,489	9.54	5,463	11.62
Estie	8,095	12.75	13,419	21.14	15,917	25.07	13,058	20.57	6,280	9.89	6,720	10.58
Dera	8,389	19.34	8,806	20.30	10,222	23.57	7,062	16.28	4,653	10.73	4,244	9.78
North Wollo Zone	82,094	26.68	73,815	23.99	83,902	27.27	36,164	11.75	19,286	6.27	12,408	4.03
Bugna	12,415	26.58	12,368	26.47	10,324	22.10	6,510	13.94	3,689	7.90	1,410	3.02
Kobo	8,494	20.48	11,848	28.57	13,771	33.21	3,772	9.10	2,119	5.11	1,468	3.54
Gidan	8,667	25.08	7,845	22.70	8,505	24.61	5,043	14.59	2,961	8.57	1,539	4.45
Meket	11,265	23.42	13,235	27.51	12,572	26.13	6,079	12.64	3,179	6.61	1,777	3.69
Wadala	7,810	29.29	7,383	27.69	7,124	26.72	2,333	8.75	1,368	5.13	643	2.41
Dawutna Delanta	9,841	27.40	6,468	18.01	11,066	30.82	4,679	13.03	2,583	7.19	1,273	3.54
Guba Lafto	9,138	25.67	7,400	20.79	10,199	28.65	4,606	12.94	1,934	5.43	2,323	6.53
Habru	14,464	37.43	7,269	18.81	10,340	26.76	3,143	8.13	1,453	3.76	1,976	5.11
South Wollo Zone	133,794	27.20	97,651	19.85	145,951	29.67	61,288	12.46	34,090	6.93	19,086	3.88
Mekdela	7,773	25.29	5,597	18.21	9,224	30.02	4,284	13.94	2,576	8.38	1,277	4.16
Tenta	9,996	28.19	9,197	25.94	8,797	24.81	4,583	12.92	1,769	4.99	1,118	3.15
Kutaber	4,285	19.79	3,426	15.82	5,449	25.17	3,887	17.95	2,935	13.56	1,670	7.71
Ambasel	7,175	27.21	4,613	17.50	8,521	32.32	3,599	13.65	1,635	6.20	822	3.12
Tehuledere	6,460	27.29	5,438	22.97	6,347	26.81	2,415	10.20	1,621	6.85	1,390	5.87
Werebabu	7,421	34.91	3,669	17.26	6,016	28.30	2,254	10.60	1,319	6.20	581	2.73
Kalu	12,563	32.07	8,237	21.03	12,510	31.93	3,619	9.24	1,522	3.88	726	1.85
Dessie Zuria	17,781	27.38	14,520	22.36	19,116	29.44	7,821	12.04	3,251	5.01	2,445	3.77
Legambo	14,026	39.40	5,065	14.23	9,073	25.49	4,575	12.85	2,029	5.70	830	2.33
Sayint	8,018	17.88	9,846	21.95	16,129	35.96	6,649	14.82	3,453	7.70	758	1.69
Debresina	9,559	26.07	7,245	19.76	11,296	30.80	4,560	12.43	2,469	6.73	1,544	4.21
Kelala	7,466	24.95	4,304	14.38	12,212	40.81	1,995	6.67	2,259	7.55	1,688	5.64
Jama	6,605	26.35	4,599	18.35	6,750	26.93	3,231	12.89	2,567	10.24	1,316	5.25
Were Ilu	8,327	28.02	7,275	24.48	7,667	25.80	3,658	12.31	1,825	6.14	963	3.24
Wegde	6,339	23.67	4,621	17.26	6,843	25.55	4,158	15.53	2,859	10.68	1,959	7.32
North Shewa (Amhara) Zone	80,422	23.74	76,610	22.61	92,952	27.44	42,681	12.60	25,632	7.57	20,466	6.04
Middana Weremo	5,569	33.44	5,432	32.62	4,122	24.75	749	4.50	350	2.10	430	2.58
Merhabete	5,256	22.82	7,213	31.31	7,381	32.04	1,866	8.10	593	2.57	726	3.15
Insarona Wayu	5,965	24.32	5,675	23.14	6,354	25.91	3,398	13.86	2,087	8.51	1,044	4.26
Moretna Jiru	4,168	24.11	5,075	29.35	5,020	29.04	2,073	11.99	615	3.56	338	1.96

Table 8.28B:-Number of Crop Holders that Owned Cattle (For threshing /transportation) by Geographic Area.(Contin..)

Geographic Area.	Number of Crop Holders that Owned											
	No Cattle		One Cattle		Two Cattle		Three Cattle		Four Cattle		Five and above Cattle	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	7,255	26.61	6,550	24.02	7,118	26.10	3,114	11.42	1,878	6.89	1,353	4.96
Geshe	2,730	23.33	2,924	24.99	3,382	28.90	1,654	14.14	804	6.87	207	1.77
Antsokiya Gemza	4,804	37.00	3,806	29.31	3,154	24.29	793	6.11	300	2.31	128	0.99
Efratana Gidim	5,065	27.06	6,228	33.27	5,461	29.17	1,131	6.04	454	2.43	382	2.04
Lalo Midir	4,593	19.31	6,188	26.02	7,280	30.61	4,019	16.90	1,481	6.23	219	0.92
Mojana Wadera	3,161	21.09	2,893	19.30	4,655	31.06	2,854	19.04	1,142	7.62	284	1.89
Tarma Ber	3,875	22.59	3,646	21.26	4,725	27.55	2,224	12.97	1,227	7.15	1,453	8.47
Kewet	5,021	24.61	4,211	20.64	4,911	24.07	2,501	12.26	1,551	7.60	2,204	10.80
Asagirt	1,860	19.32	1,323	13.75	2,283	23.72	1,832	19.03	1,326	13.78	1,001	10.40
Angolelana Tera	2,634	17.64	1,450	9.71	2,525	16.91	2,439	16.34	2,600	17.41	3,282	21.98
Ankober	3,953	24.97	3,444	21.75	4,128	26.07	1,809	11.42	1,293	8.17	1,207	7.62
Hagere Mariam	1,736	16.29	1,720	16.14	2,495	23.42	2,061	19.34	1,456	13.67	1,186	11.13
Berehet	562	10.38	779	14.39	2,502	46.21	690	12.74	506	9.35	375	6.93
Minjarna Shenkora	4,519	19.72	3,136	13.68	7,145	31.17	2,422	10.57	2,830	12.35	2,868	12.51
Basona Werana	7,700	24.92	4,916	15.91	8,309	26.90	5,051	16.35	3,140	10.16	1,778	5.76
East Gojam Zone	90,166	23.90	93,904	24.89	92,117	24.42	43,186	11.45	27,276	7.23	30,559	8.10
Bibugn	4,067	19.96	7,970	39.11	4,279	21.00	1,766	8.67	1,134	5.56	1,164	5.71
Hulet Ej Enese	5,487	12.78	13,266	30.91	10,772	25.10	5,847	13.62	3,931	9.16	3,619	8.43
Goncha Siso Enese	5,619	21.10	6,708	25.19	6,798	25.53	3,611	13.56	2,156	8.10	1,739	6.53
Enbise Sar Midir	7,236	27.57	8,142	31.02	5,851	22.29	2,830	10.78	1,163	4.43	1,022	3.89
Enarj Enawga	5,476	17.44	10,555	33.61	9,341	29.74	2,974	9.47	1,586	5.05	1,476	4.70
Enemay	6,008	22.84	8,514	32.36	7,776	29.56	2,247	8.54	934	3.55	828	3.15
Debay Telatgen	5,554	22.97	6,159	25.47	7,142	29.53	2,613	10.81	1,726	7.14	988	4.09
Machakel	8,384	21.82	6,882	17.91	7,034	18.30	5,382	14.00	3,020	7.86	7,730	20.11
Guzamn	17,220	40.22	4,544	10.61	8,161	19.06	5,021	11.73	3,413	7.97	4,455	10.41
Baso Liben	6,523	25.00	5,605	21.48	5,830	22.34	3,164	12.13	2,744	10.52	2,226	8.53
Awabel	6,084	18.95	4,867	15.16	9,244	28.79	4,766	14.84	3,433	10.69	3,717	11.58
Dejen	5,614	27.70	5,766	28.45	5,308	26.19	1,550	7.65	1,005	4.96	1,024	5.05
Shebel Berenta	6,894	35.50	4,927	25.37	4,581	23.59	1,415	7.29	1,030	5.30	572	2.95
West Gojam Zone	70,663	19.01	77,016	20.72	89,385	24.04	53,257	14.33	37,640	10.12	43,802	11.78
Achefer	8,361	17.42	7,055	14.70	12,306	25.64	7,653	15.95	6,280	13.09	6,335	13.20
Bahir Dar Zuria	10,814	24.15	7,614	17.00	10,242	22.87	5,662	12.64	4,405	9.84	6,040	13.49
Yilman Densa	9,475	17.75	12,757	23.90	13,659	25.59	8,380	15.70	5,228	9.79	3,879	7.27
Merawi	8,749	18.30	5,749	12.02	9,933	20.78	8,020	16.77	6,765	14.15	8,595	17.98
Sekela	4,862	18.88	6,654	25.84	6,225	24.17	3,798	14.75	2,345	9.11	1,867	7.25
Kuarit	4,345	14.48	9,673	32.23	8,628	28.75	3,813	12.70	2,262	7.54	1,291	4.30
Dega Damot	4,233	14.71	10,299	35.78	7,653	26.59	3,835	13.32	1,552	5.39	1,209	4.20
Dembecha	2,968	13.55	2,975	13.59	5,130	23.43	3,661	16.72	2,611	11.92	4,551	20.78
Jabi Tehnan	7,449	20.93	6,604	18.55	8,203	23.04	4,949	13.90	3,659	10.28	4,732	13.29
Bure Wemberma	9,408	26.30	7,637	21.35	7,406	20.70	3,487	9.75	2,532	7.08	5,302	14.82
Waghamra Zone	20,719	27.39	19,751	26.11	18,619	24.61	7,296	9.64	4,347	5.75	4,922	6.51
Zikuala.	2,581	19.40	2,016	15.15	3,459	26.00	1,615	12.14	1,255	9.43	2,379	17.88
Sekota	9,645	28.59	9,302	27.57	8,321	24.66	2,634	7.81	1,963	5.82	1,875	5.56
Dehana	8,496	29.70	8,433	29.48	6,839	23.90	3,046	10.65	1,129	3.95	667	2.33
Awi Zone	42,537	27.85	22,089	14.46	34,692	22.72	20,383	13.35	14,716	9.64	18,306	11.99
Dangela.	7,140	21.00	4,748	13.97	7,464	21.95	5,836	17.17	4,256	12.52	4,553	13.39
Banja	8,001	30.86	3,753	14.48	5,807	22.40	3,372	13.01	2,613	10.08	2,381	9.18
Ankesha	14,509	38.13	5,874	15.44	7,427	19.52	4,240	11.14	2,271	5.97	3,735	9.81
Guangua	7,183	22.97	4,372	13.98	8,673	27.73	2,742	8.77	2,899	9.27	5,404	17.28
Faggeta Lekoma	5,704	24.30	3,343	14.24	5,321	22.67	4,193	17.86	2,676	11.40	2,234	9.52
Oromia Zone	24,028	33.07	15,665	21.56	25,033	34.45	4,439	6.11	2,426	3.34	1,072	1.48
Chefe Golana Dawe Rahimedo	10,692	35.55	5,493	18.26	10,179	33.85	2,124	7.06	1,223	4.07	364	1.21
Bati	4,845	29.71	3,779	23.17	5,871	36.00	1,215	7.45	383	2.35	216	1.32
Jile Tsumiga	3,463	29.25	3,046	25.73	4,297	36.30	419	3.54	409	3.45	204	1.72
Artuma Fursi	5,031	34.84	3,347	23.18	4,686	32.45	680	4.71	410	2.84	288	1.99

Table 8.29B:- Number of Crop Holders that Owned Horse (For threshing or transportation) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,823,436	94.45	123,645	4.14	34,270	1.15	6,615	0.22	1,036	0.03	352	0.01
North Gonder Zone	408,154	95.63	13,698	3.21	3,893	0.91	743	0.17	244	0.06	66	0.02
Addi Arkay	23,353	97.34	438	1.83	141	0.59	60	0.25	.	.	.	.
Beyeda	16,214	92.46	1,186	6.76	97	0.55	23	0.13	.	.	17	0.10
Janamora	26,390	90.43	2,456	8.42	312	1.07	.	.	26	0.09	.	.
Debark	16,304	75.86	2,943	13.69	1,642	7.64	394	1.83	160	0.74	49	0.23
Dabat	22,003	89.52	1,925	7.83	547	2.23	78	0.32	25	0.10	.	.
Janja	24,523	100.00	.	.	.	.	.	.	.	.	.	.
Lay Armachehо	24,786	99.24	157	0.63	.	.	32	0.13	.	.	.	.
Wegera	31,799	85.81	4,048	10.92	1,021	2.76	156	0.42	33	0.09	.	.
Gondar Zuria	38,439	98.67	385	0.99	133	0.34	.	.	.	.	.	.
Dembia	41,153	99.71	119	0.29	.	.	.	.	.	.	.	.
Chilga	32,286	100.00	.	.	.	.	.	.	.	.	.	.
Metema	10,152	100.00	.	.	.	.	.	.	.	.	.	.
Quara	9,401	100.00	.	.	.	.	.	.	.	.	.	.
Alefa	46,244	100.00	.	.	.	.	.	.	.	.	.	.
Belesa	45,109	99.91	39	0.09	.	.	.	.	.	.	.	.
South Gonder Zone	361,489	96.59	11,664	3.12	977	0.26	122	0.03	.	.	.	.
Ebenat	41,694	99.34	275	0.66	.	.	.	.	.	.	.	.
Kemekem	30,660	99.59	126	0.41	.	.	.	.	.	.	.	.
Fogera	40,333	99.85	60	0.15	.	.	.	.	.	.	.	.
Farta	42,626	89.49	4,736	9.94	272	0.57	.	.	.	.	.	.
Lay Gayint	36,159	92.00	2,683	6.83	412	1.05	49	0.12	.	.	.	.
Tach Gayint	20,222	99.76	48	0.24	.	.	.	.	.	.	.	.
Simada	46,145	98.11	823	1.75	65	0.14	.	.	.	.	.	.
Estie	60,276	94.94	2,914	4.59	227	0.36	72	0.11	.	.	.	.
Dera	43,376	100.00	.	.	.	.	.	.	.	.	.	.
North Wollo Zone	289,547	94.11	12,686	4.12	4,285	1.39	1,084	0.35	67	0.02	.	.
Bugna	46,644	99.85	72	0.15	.	.	.	.	.	.	.	.
Kobo	41,472	100.00	.	.	.	.	.	.	.	.	.	.
Gidan	33,656	97.38	679	1.96	225	0.65	.	.	.	.	.	.
Meket	41,864	87.02	3,696	7.68	1,722	3.58	758	1.58	67	0.14	.	.
Wadala	19,503	73.15	5,106	19.15	1,845	6.92	207	0.78	.	.	.	.
Dawutna Delanta	33,342	92.85	2,136	5.95	390	1.09	42	0.12	.	.	.	.
Guba Lafto	34,421	96.69	997	2.80	104	0.29	78	0.22	.	.	.	.
Habru	38,645	100.00	.	.	.	.	.	.	.	.	.	.
South Wollo Zone	460,780	93.68	27,203	5.53	3,315	0.67	385	0.08	106	0.02	71	0.01
Mekdela	29,568	96.22	1,123	3.65	40	0.13	.	.	.	.	.	.
Tenta	30,672	86.50	4,082	11.51	658	1.86	48	0.14	.	.	.	.
Kutaber	19,903	91.92	1,004	4.64	402	1.86	237	1.09	106	0.49	.	.
Ambasel	25,548	96.90	710	2.69	.	.	36	0.14	.	.	71	0.27
Tehuledere	23,265	98.28	406	1.72	.	.	.	.	.	.	.	.
Werebabu	21,083	99.17	177	0.83	.	.	.	.	.	.	.	.
Kalu	38,943	99.40	234	0.60	.	.	.	.	.	.	.	.
Dessie Zuria	58,283	89.76	5,945	9.16	706	1.09	.	.	.	.	.	.
Legambo	29,523	82.93	5,364	15.07	711	2.00	.	.	.	.	.	.
Sayint	44,316	98.80	537	1.20	.	.	.	.	.	.	.	.
Debresina	35,677	97.28	862	2.35	134	0.37	.	.	.	.	.	.
Kelala	28,760	96.11	969	3.24	195	0.65	.	.	.	.	.	.
Jama	22,449	89.55	2,229	8.89	363	1.45	27	0.11	.	.	.	.
Were Ilu	26,283	88.45	3,394	11.42	38	0.13	.	.	.	.	.	.
Wegde	26,506	98.98	167	0.62	70	0.26	36	0.13	.	.	.	.
North Shewa (Amhara) Zone	320,481	94.60	15,490	4.57	2,375	0.70	319	0.09	86	0.03	12	0.00
Middana Weremo	16,603	99.71	33	0.20	16	0.10	.	.	.	.	.	.
Merhabete	23,035	100.00	.	.	.	.	.	.	.	.	.	.
Insarona Wayu	22,663	92.42	1,740	7.10	120	0.49	.	.	.	.	.	.
Moretna Jiru	15,707	90.85	1,535	8.88	47	0.27	.	.	.	.	.	.

Table 8.29B:-Number of Crop Holders that Owned Horse (For threshing / transportation) by Geographic Area.(Cont..)

Geographic Area.	Number of Crop Holders that Owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	25,141	92.20	1,856	6.81	271	0.99	-	-	-	-	-	-
Geshe	11,497	98.26	204	1.74	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,798	98.56	153	1.18	34	0.26	-	-	-	-	-	-
Efratana Gidim	18,045	96.39	655	3.50	21	0.11	-	-	-	-	-	-
Lalo Midir	22,638	95.20	1,142	4.80	-	-	-	-	-	-	-	-
Mojana Wadera	14,236	94.98	614	4.10	139	0.93	-	-	-	-	-	-
Tarma Ber	16,518	96.31	524	3.06	91	0.53	17	0.10	-	-	-	-
Kewet	20,295	99.49	104	0.51	-	-	-	-	-	-	-	-
Asagirt	8,370	86.96	1,064	11.05	156	1.62	23	0.24	-	-	12	0.12
Angolelana Tera	11,543	77.31	2,495	16.71	706	4.73	171	1.15	15	0.10	-	-
Ankober	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam	9,819	92.16	775	7.27	60	0.56	-	-	-	-	-	-
Berehet	5,399	99.72	15	0.28	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,780	99.39	140	0.61	-	-	-	-	-	-	-	-
Basona Werana	27,557	89.20	2,444	7.91	715	2.31	107	0.35	71	0.23	-	-
East Gojam Zone	352,821	93.53	20,251	5.37	3,531	0.94	542	0.14	-	-	63	0.02
Bibugn	16,818	82.52	3,003	14.74	498	2.44	61	0.30	-	-	-	-
Hulet Ej Enese	39,304	91.57	3,050	7.11	391	0.91	114	0.27	-	-	63	0.15
Goncha Siso Enese	26,118	98.07	451	1.69	27	0.10	35	0.13	-	-	-	-
Enbise Sar Midir	26,168	99.71	76	0.29	-	-	-	-	-	-	-	-
Enarj Enawga	30,786	98.02	622	1.98	-	-	-	-	-	-	-	-
Enemay	25,896	98.44	381	1.45	30	0.11	-	-	-	-	-	-
Debay Telatgen	20,279	83.86	3,166	13.09	618	2.56	119	0.49	-	-	-	-
Machakel	35,830	93.23	2,144	5.58	410	1.07	48	0.12	-	-	-	-
Guzamn	35,941	83.95	5,619	13.12	1,128	2.63	126	0.29	-	-	-	-
Baso Liben	26,057	99.87	35	0.13	-	-	-	-	-	-	-	-
Awabel	29,990	93.39	1,676	5.22	406	1.26	39	0.12	-	-	-	-
Dejen	20,239	99.86	28	0.14	-	-	-	-	-	-	-	-
Shebel Berenta	19,396	99.88	-	-	23	0.12	-	-	-	-	-	-
West Gojam Zone	360,523	96.98	8,301	2.23	2,755	0.74	148	0.04	36	0.01	-	-
Achefer	47,763	99.53	227	0.47	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,205	99.68	121	0.23	52	0.10	-	-	-	-	-	-
Merawi	47,683	99.73	64	0.13	64	0.13	-	-	-	-	-	-
Sekela	21,406	83.13	2,883	11.20	1,319	5.12	107	0.42	36	0.14	-	-
Kuarit	28,780	95.89	1,056	3.52	176	0.59	-	-	-	-	-	-
Dega Damot	24,541	85.27	3,159	10.98	1,040	3.61	41	0.14	-	-	-	-
Dembecha	21,550	98.42	318	1.45	28	0.13	-	-	-	-	-	-
Jabi Tehnan	35,462	99.62	134	0.38	-	-	-	-	-	-	-	-
Bure Wemberma	35,357	98.84	339	0.95	76	0.21	-	-	-	-	-	-
Waghamra Zone	75,501	99.80	120	0.16	-	-	33	0.04	-	-	-	-
Zikuala.	13,264	99.69	41	0.31	-	-	-	-	-	-	-	-
Sekota	33,697	99.87	43	0.13	-	-	-	-	-	-	-	-
Dehana	28,542	99.76	35	0.12	-	-	33	0.12	-	-	-	-
Awi Zone	121,477	79.54	14,233	9.32	13,138	8.60	3,239	2.12	496	0.32	140	0.09
Dangela.	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja	10,850	41.85	5,775	22.27	6,717	25.91	2,170	8.37	365	1.41	50	0.19
Ankesha	29,876	78.51	5,249	13.79	2,484	6.53	320	0.84	37	0.10	90	0.24
Guangua	31,184	99.72	43	0.14	46	0.15	-	-	-	-	-	-
Faggeta Lekoma	15,570	66.34	3,166	13.49	3,891	16.58	749	3.19	95	0.40	-	-
Oromia Zone	72,663	100.00	-	-	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,309	100.00	-	-	-	-	-	-	-	-	-	-
Jile Tsumiga	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi	14,442	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing or transportation) by Geographic Area.

Geographic Area	Number of Crop Holders that Owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,928,459	97.96	57,089	1.91	3,598	0.12	72	0.00	27	0.00	109	0.00
North Gonder Zone	420,568	98.54	6,161	1.44	61	0.01	-	-	-	-	8	0.00
Addi Arkay	23,696	98.77	296	1.23	-	-	-	-	-	-	-	-
Beyeda	17,150	97.79	387	2.21	-	-	-	-	-	-	-	-
Janamora	28,478	97.58	670	2.30	36	0.12	-	-	-	-	-	-
Debark	20,987	97.65	480	2.23	25	0.12	-	-	-	-	-	-
Dabat	24,364	99.13	214	0.87	-	-	-	-	-	-	-	-
Janja	23,913	97.51	610	2.49	-	-	-	-	-	-	-	-
Lay Armachebo	24,896	99.68	79	0.32	-	-	-	-	-	-	-	-
Wegera	36,485	98.46	572	1.54	-	-	-	-	-	-	-	-
Gondar Zuria	38,790	99.57	167	0.43	-	-	-	-	-	-	-	-
Dembia	41,216	99.86	56	0.14	-	-	-	-	-	-	-	-
Chilga	32,111	99.46	175	0.54	-	-	-	-	-	-	-	-
Metema	10,110	99.59	42	0.41	-	-	-	-	-	-	-	-
Quara	9,166	97.50	227	2.41	-	-	-	-	-	-	-	-
Alefa	45,865	99.18	379	0.82	-	-	-	-	-	-	8	0.09
Belesa	43,341	96.00	1,807	4.00	-	-	-	-	-	-	-	-
South Gonder Zone	365,538	97.67	8,144	2.18	496	0.13	-	-	-	-	-	-
Ebenat	41,116	97.97	853	2.03	-	-	-	-	-	-	74	0.02
Kemekem	30,673	99.63	113	0.37	-	-	-	-	-	-	-	-
Fogera	40,175	99.46	218	0.54	-	-	-	-	-	-	-	-
Farta	44,337	93.08	2,901	6.09	396	0.83	-	-	-	-	-	-
Lay Gayint	39,076	99.42	227	0.58	-	-	-	-	-	-	-	-
Tach Gayint	20,006	98.70	237	1.17	27	0.13	-	-	-	-	-	-
Simada	46,105	98.03	928	1.97	-	-	-	-	-	-	-	-
Estie	60,987	96.06	2,355	3.71	73	0.11	-	-	-	-	-	-
Dera	43,063	99.28	313	0.72	-	-	-	-	-	-	74	0.12
North Wollo Zone	301,460	97.98	6,061	1.97	148	0.05	-	-	-	-	-	-
Bugna	45,311	96.99	1,405	3.01	-	-	-	-	-	-	-	-
Kobo	41,238	99.44	234	0.56	-	-	-	-	-	-	-	-
Gidan	33,915	98.13	645	1.87	-	-	-	-	-	-	-	-
Meket	47,153	98.02	863	1.79	91	0.19	-	-	-	-	-	-
Wadala	25,888	97.10	773	2.90	-	-	-	-	-	-	-	-
Dawutna Delanta	34,065	94.86	1,788	4.98	57	0.16	-	-	-	-	-	-
Guba Lafto	35,409	99.46	191	0.54	-	-	-	-	-	-	-	-
Habru	38,482	99.58	163	0.42	-	-	-	-	-	-	-	-
South Wollo Zone	473,643	96.30	16,475	3.35	1,635	0.33	53	0.01	27	0.01	27	0.01
Mekdela	29,658	96.51	1,073	3.49	-	-	-	-	-	-	-	-
Tenta	34,246	96.58	1,166	3.29	48	0.14	-	-	-	-	-	-
Kutaber	19,720	91.08	1,440	6.65	412	1.90	53	0.24	27	0.12	-	-
Ambasel	24,936	94.58	1,265	4.80	164	0.62	-	-	-	-	-	-
Tehuledere	22,292	94.17	1,102	4.66	277	1.17	-	-	-	-	-	-
Werebabu	21,121	99.35	139	0.65	-	-	-	-	-	-	-	-
Kalu	38,539	98.37	531	1.36	107	0.27	-	-	-	-	-	-
Dessie Zuria	59,932	92.30	4,599	7.08	403	0.62	-	-	-	-	-	-
Legambo	34,492	96.89	1,106	3.11	-	-	-	-	-	-	-	-
Sayint	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina	36,354	99.13	319	0.87	-	-	-	-	-	-	-	-
Kelala	27,889	93.20	1,885	6.30	150	0.50	-	-	-	-	-	-
Jama	24,425	97.43	616	2.46	-	-	-	-	-	-	-	-
Were Ilu	28,906	97.28	764	2.57	45	0.15	-	-	-	-	27	0.11
Wegde	26,279	98.13	470	1.76	30	0.11	-	-	-	-	-	-
North Shewa (Amhara) Zone	333,188	98.35	5,538	1.63	37	0.01	-	-	-	-	-	-
Middana Weremo	16,345	98.16	307	1.84	-	-	-	-	-	-	-	-
Merhabete	22,693	98.52	342	1.48	-	-	-	-	-	-	-	-
Insarona Wayu	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	17,265	99.86	24	0.14	-	-	-	-	-	-	-	-

Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing/ transportation) by Geographic Area. (Contin.)

Geographic Area.	Number of Crop Holders that Owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	26,552	97.37	716	2.63	-	-	-	-	-	-	-	-
Geshe	10,846	92.69	855	7.31	-	-	-	-	-	-	-	-
Antsokiya Gemza	12,641	97.35	344	2.65	-	-	-	-	-	-	-	-
Efratana Gidim	18,517	98.91	182	0.97	22	0.12	-	-	-	-	-	-
Lalo Midir	23,299	97.98	481	2.02	-	-	-	-	-	-	-	-
Mojana Wadera	14,952	99.75	37	0.25	-	-	-	-	-	-	-	-
Tarma Ber	16,971	98.96	179	1.04	-	-	-	-	-	-	-	-
Kewet	20,330	99.66	69	0.34	-	-	-	-	-	-	-	-
Asagirt	9,407	97.74	218	2.26	-	-	-	-	-	-	-	-
Angolelana Tera	14,768	98.91	162	1.09	-	-	-	-	-	-	-	-
Ankober	15,712	99.23	122	0.77	-	-	-	-	-	-	-	-
Hagere Mariam	10,492	98.48	162	1.52	-	-	-	-	-	-	-	-
Berehet	5,271	97.36	128	2.36	15	0.28	-	-	-	-	-	-
Minjarna Shenkora	21,818	95.19	1,102	4.81	-	-	-	-	-	-	-	-
Basona Werana	30,785	99.65	109	0.35	-	-	-	-	-	-	-	-
East Gojam Zone	372,535	98.76	4,239	1.12	434	0.12	-	-	-	-	-	-
Bibugn	19,993	98.10	363	1.78	24	0.12	-	-	-	-	-	-
Hulet Ej Enese	41,812	97.41	990	2.31	120	0.28	-	-	-	-	-	-
Goncha Siso Enese	26,519	99.58	112	0.42	-	-	-	-	-	-	-	-
Enbise Sar Midir	26,025	99.17	219	0.83	-	-	-	-	-	-	-	-
Enarj Enawga	31,225	99.42	183	0.58	-	-	-	-	-	-	-	-
Enemay	26,197	99.58	110	0.42	-	-	-	-	-	-	-	-
Debay Telatgen	24,017	99.32	141	0.58	24	0.10	-	-	-	-	-	-
Machakel	37,648	97.96	685	1.78	99	0.26	-	-	-	-	-	-
Guzamn	41,348	96.58	1,339	3.13	127	0.30	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	31,975	99.58	95	0.30	41	0.13	-	-	-	-	-	-
Dejen	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone	365,445	98.30	6,005	1.62	313	0.08	-	-	-	-	-	-
Achefer	47,714	99.42	276	0.58	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,619	99.65	158	0.35	-	-	-	-	-	-	-	-
Yilman Densa	52,484	98.33	894	1.67	-	-	-	-	-	-	-	-
Merawi	47,267	98.86	544	1.14	-	-	-	-	-	-	-	-
Sekela	24,960	96.93	723	2.81	68	0.26	-	-	-	-	-	-
Kuarit	27,933	93.07	1,927	6.42	152	0.51	-	-	-	-	-	-
Dega Damot	27,714	96.29	974	3.38	93	0.32	-	-	-	-	-	-
Dembecha	21,863	99.85	33	0.15	-	-	-	-	-	-	-	-
Jabi Tehnan	35,397	99.44	199	0.56	-	-	-	-	-	-	-	-
Bure Wemberma	35,496	99.23	276	0.77	-	-	-	-	-	-	-	-
Waghamra Zone	73,166	96.71	2,251	2.98	218	0.29	19	0.03	-	-	-	-
Zikuala	12,544	94.28	648	4.87	94	0.71	19	0.14	-	-	-	-
Sekota	32,644	96.75	971	2.88	125	0.37	-	-	-	-	-	-
Dehana	27,979	97.79	631	2.21	-	-	-	-	-	-	-	-
Awi Zone	150,448	98.51	2,020	1.32	255	0.17	-	-	-	-	-	-
Dangela	33,553	98.69	444	1.31	-	-	-	-	-	-	-	-
Banja	25,558	98.58	331	1.28	38	0.15	-	-	-	-	-	-
Ankesha	37,295	98.00	615	1.62	146	0.38	-	-	-	-	-	-
Guangua	30,932	98.91	341	1.09	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,111	98.47	289	1.23	71	0.30	-	-	-	-	-	-
Oromia Zone	72,467	99.73	196	0.27	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	29,998	99.74	77	0.26	-	-	-	-	-	-	-	-
Bati	16,220	99.45	89	0.55	-	-	-	-	-	-	-	-
Jile Tsumiga	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi	14,413	99.80	29	0.20	-	-	-	-	-	-	-	-

Table 8.31B - Number of Crop Holders that Owned Local Storage 'Debignit' by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No 'Debignit'		One 'Debignit'		Two 'Debignits'		Three 'Debignits'		Four 'Debignits'		Five and above 'Debignits'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	787,101	26.33	389,562	13.03	676,932	22.64	601,489	20.12	325,255	10.88	209,015	6.99
North Gonder Zone	130,192	30.50	37,908	8.88	85,285	19.98	92,080	21.57	47,472	11.12	33,861	7.93
Addi Arkay	13,992	58.32	2,595	10.82	3,774	15.73	2,467	10.28	814	3.39	350	1.46
Beyeda	2,225	12.69	1,482	8.45	4,407	25.13	4,665	26.60	2,576	14.69	2,182	12.44
Janamora	5,852	20.05	937	3.21	4,926	16.88	6,933	23.76	5,156	17.67	5,380	18.43
Debark	3,037	14.13	901	4.19	3,427	15.95	5,816	27.06	3,568	16.60	4,743	22.07
Dabat	2,869	11.67	3,252	13.23	5,526	22.48	5,204	21.17	3,627	14.76	4,100	16.68
Sanja	17,918	73.07	2,855	11.64	2,356	9.61	1,268	5.17	55	0.22	71	0.29
Lay Armachebo	8,570	34.31	2,356	9.43	5,136	20.56	4,774	19.12	2,560	10.25	1,579	6.32
Wegera	3,250	8.77	3,629	9.79	7,828	21.12	12,536	33.83	6,426	17.34	3,388	9.14
Gondar Zuria	13,908	35.70	2,536	6.51	6,231	15.99	7,186	18.45	4,892	12.56	4,204	10.79
Dembia	6,644	16.10	2,086	5.05	10,067	24.39	13,150	31.86	6,788	16.45	2,537	6.15
Chilga	10,125	31.36	4,292	13.29	6,815	21.11	5,637	17.46	3,325	10.30	2,092	6.48
Metema	9,958	98.09	194	1.91	-	-	-	-	-	-	-	-
Quara	5,700	60.63	344	3.66	1,364	14.51	1,183	12.58	524	5.57	286	3.04
Alefa	14,176	30.65	3,991	8.63	12,471	26.97	11,208	24.24	3,114	6.73	1,284	2.78
Belesa	11,966	26.50	6,457	14.30	10,957	24.27	10,054	22.27	4,049	8.97	1,665	3.69
South Gonder Zone	58,255	15.57	28,954	7.74	88,280	23.59	101,695	27.17	53,969	14.42	43,099	11.52
Ebenat	4,415	10.52	4,429	10.55	12,889	30.71	10,966	26.13	5,408	12.89	3,862	9.20
Kemekem	2,764	8.98	2,641	8.58	9,945	32.30	8,974	29.15	4,461	14.49	2,001	6.50
Fogera	8,711	21.57	2,590	6.41	7,098	17.57	10,886	26.95	5,783	14.32	5,325	13.18
Farta	3,682	7.73	3,189	6.69	9,722	20.41	14,719	30.90	8,793	18.46	7,529	15.81
Lay Gayint	8,076	20.55	3,853	9.80	11,620	29.57	8,374	21.31	4,046	10.29	3,334	8.48
Tach Gayint	1,234	6.09	2,551	12.59	8,564	42.25	5,262	25.96	1,659	8.18	1,000	4.93
Simada	13,074	27.80	4,525	9.62	9,447	20.09	10,189	21.66	5,485	11.66	4,313	9.17
Estie	3,449	5.43	2,455	3.87	11,049	17.40	21,338	33.61	13,389	21.09	11,809	18.60
Dera	12,849	29.62	2,722	6.28	7,947	18.32	10,987	25.33	4,945	11.40	3,926	9.05
North Wollo Zone	59,657	19.39	39,029	12.69	80,026	26.01	62,304	20.25	37,587	12.22	29,066	9.45
Bugna	12,786	27.37	6,496	13.91	11,269	24.12	9,242	19.78	4,742	10.15	2,181	4.67
Kobo	16,126	38.88	6,318	15.23	11,422	27.54	5,532	13.34	1,573	3.79	501	1.21
Gidan	4,043	11.70	2,056	5.95	7,683	22.23	8,165	23.63	6,944	20.09	5,669	16.40
Meket	5,014	10.42	2,401	4.99	11,354	23.60	13,586	28.24	8,700	18.08	7,052	14.66
Wadala	720	2.70	1,265	4.74	6,925	25.97	7,501	28.13	5,394	20.23	4,856	18.21
Dawutna Delanta	3,034	8.45	3,637	10.13	9,204	25.63	6,911	19.25	6,001	16.71	7,123	19.84
Guba Lafto	6,143	17.26	7,803	21.92	11,795	33.13	6,651	18.68	2,065	5.80	1,143	3.21
Habru	11,798	30.53	9,054	23.43	10,372	26.84	4,714	12.20	2,168	5.61	539	1.39
South Wollo Zone	153,535	31.22	73,646	14.97	123,908	25.19	81,612	16.59	36,007	7.32	23,152	4.71
Mekdela	4,239	13.79	2,596	8.45	7,264	23.64	8,428	27.43	5,050	16.43	3,154	10.26
Tenta	6,366	17.95	4,542	12.81	10,106	28.50	8,342	23.53	3,253	9.17	2,851	8.04
Kutaber	4,009	18.52	1,132	5.23	3,867	17.86	5,276	24.37	4,175	19.28	3,193	14.75
Ambasel	8,567	32.49	3,981	15.10	5,952	22.58	3,766	14.28	1,983	7.52	2,116	8.03
Tehuledere	6,963	29.42	6,353	26.84	6,893	29.12	2,455	10.37	698	2.95	309	1.31
Werebabu	12,710	59.78	4,481	21.08	2,610	12.28	1,175	5.53	175	0.82	109	0.51
Kalu	18,224	46.52	7,091	18.10	9,399	23.99	2,892	7.38	1,258	3.21	313	0.80
Dessie Zuria	32,285	49.72	6,869	10.58	9,258	14.26	7,447	11.47	4,887	7.53	4,188	6.45
Legambo	5,957	16.73	9,638	27.07	12,421	34.89	5,061	14.22	1,695	4.76	826	2.32
Sayint	10,725	23.91	6,131	13.67	13,110	29.23	9,509	21.20	3,768	8.40	1,610	3.59
Debresina	5,697	15.53	4,394	11.98	12,902	35.18	9,093	24.79	3,023	8.24	1,564	4.26
Kelala	15,322	51.20	3,139	10.49	5,583	18.66	4,374	14.62	1,056	3.53	450	1.50
Jama	6,664	26.58	6,441	25.69	7,471	29.80	3,430	13.68	777	3.10	285	1.14
Were Ilu	9,926	33.40	3,353	11.28	8,529	28.70	5,107	17.19	1,823	6.13	977	3.29
Wegde	5,878	21.95	3,506	13.09	8,543	31.90	5,258	19.63	2,389	8.92	1,205	4.50
North Shewa (Amhara) Zone	168,426	49.72	72,728	21.47	65,084	19.21	21,732	6.42	7,477	2.21	3,316	0.98
Middana Weremo	5,361	32.19	5,231	31.41	4,203	25.24	1,373	8.25	400	2.40	84	0.50
Merhabete	12,026	52.21	4,957	21.52	4,193	18.20	1,160	5.04	482	2.09	217	0.94
Insarona Wayu	10,544	43.00	6,035	24.61	5,048	20.58	1,693	6.90	811	3.31	392	1.60
Moretna Jiru	9,611	55.59	5,034	29.12	2,294	13.27	329	1.90	21	0.12	-	-

Table 8.31B:- Number of Crop Holders that Owned Local Storage 'Debignit' by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Debignit'		One 'Debignit'		Two 'Debignits'		Three 'Debignits'		Four 'Debignits'		Five and above 'Debignits'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	8,129	29.81	7,289	26.73	7,769	28.49	2,917	10.70	779	2.86	385	1.41
Geshe	3,539	30.25	2,318	19.81	3,567	30.48	1,404	12.00	535	4.57	338	2.89
Antsokiya Gemza	8,306	63.97	2,404	18.51	1,711	13.18	448	3.45	99	0.76	17	0.13
Efratana Gidim	13,330	71.20	3,820	20.40	1,246	6.66	304	1.62	21	0.11	-	-
Lalo Midir	6,513	27.39	6,608	27.79	7,542	31.72	2,275	9.57	593	2.49	249	1.05
Mojana Wadera	6,891	45.97	3,924	26.18	2,997	19.99	952	6.35	188	1.25	37	0.25
Tarma Ber	8,477	49.43	4,514	26.32	2,980	17.38	984	5.74	141	0.82	54	0.31
Kewet	13,723	67.27	4,007	19.64	2,191	10.74	387	1.90	91	0.45	-	-
Asagirt	3,777	39.24	1,966	20.43	2,617	27.19	679	7.05	433	4.50	153	1.59
Angolelana Tera	3,848	25.77	2,294	15.37	4,274	28.63	2,708	18.14	1,279	8.57	527	3.53
Ankober	9,858	62.26	2,595	16.39	2,411	15.23	747	4.72	183	1.16	40	0.25
Hagere Mariam	5,072	47.61	1,842	17.29	2,306	21.64	869	8.16	408	3.83	157	1.47
Berehet	3,073	56.76	828	15.29	812	15.00	441	8.15	169	3.12	91	1.68
Minjarna Shenkora	19,545	85.27	2,078	9.07	1,134	4.95	107	0.47	31	0.14	25	0.11
Basona Werana	16,798	54.37	4,983	16.13	5,790	18.74	1,957	6.33	814	2.63	552	1.79
East Gojam Zone	82,418	21.85	87,292	23.14	99,241	26.31	64,553	17.11	29,170	7.73	14,534	3.85
Bibugn	7,355	36.09	3,310	16.24	3,928	19.27	2,612	12.82	1,822	8.94	1,353	6.64
Hulet Ej Enese	8,206	19.12	11,489	26.77	9,977	23.24	7,385	17.21	3,863	9.00	2,002	4.66
Goncha Siso Enese	4,573	17.17	6,607	24.81	7,850	29.48	4,774	17.93	2,049	7.69	778	2.92
Enbise Sar Midir	6,847	26.09	7,817	29.79	7,450	28.39	3,210	12.23	731	2.79	189	0.72
Enarj Enawga	6,241	19.87	7,760	24.71	9,896	31.51	4,988	15.88	1,886	6.00	637	2.03
Enemay	2,781	10.57	4,986	18.95	8,867	33.71	7,337	27.89	1,727	6.56	609	2.31
Debay Telatgen	7,969	32.95	3,155	13.05	6,317	26.12	4,381	18.12	1,748	7.23	612	2.53
Machakel	8,284	21.55	5,742	14.94	10,635	27.67	8,959	23.31	3,751	9.76	1,061	2.76
Guzamn	6,798	15.88	4,143	9.68	9,583	22.38	9,373	21.89	7,352	17.17	5,565	13.00
Baso Liben	2,295	8.80	6,913	26.49	8,356	32.03	4,868	18.66	2,384	9.14	1,276	4.89
Awabel	8,301	25.85	12,388	38.58	7,325	22.81	2,965	9.23	1,002	3.12	130	0.40
Dejen	5,869	28.96	8,645	42.66	3,975	19.61	1,489	7.35	181	0.89	108	0.53
Shebel Berenta	6,901	35.54	4,338	22.34	5,080	26.16	2,212	11.39	675	3.48	213	1.10
West Gojam Zone	29,814	8.02	19,661	5.29	74,026	19.91	120,021	32.28	81,661	21.97	46,580	12.53
Achefer	1,598	3.33	732	1.53	7,751	16.15	17,861	37.22	14,657	30.54	5,391	11.23
Bahir Dar Zuria	4,084	9.12	2,230	4.98	7,002	15.64	13,519	30.19	10,685	23.86	7,257	16.21
Yilman Densa	969	1.82	1,162	2.18	8,420	15.77	17,512	32.81	13,677	25.62	11,638	21.80
Merawi	4,954	10.36	1,653	3.46	6,201	12.97	16,337	34.17	12,275	25.67	6,391	13.37
Sekela	696	2.70	1,550	6.02	9,202	35.73	8,825	34.27	4,303	16.71	1,175	4.56
Kuarit	1,712	5.70	1,682	5.60	5,509	18.36	9,903	33.00	7,552	25.16	3,654	12.18
Dega Damot	8,239	28.63	2,274	7.90	7,561	26.27	7,133	24.78	2,334	8.11	1,240	4.31
Dembecha	1,656	7.56	1,654	7.55	5,422	24.76	7,255	33.13	3,650	16.67	2,259	10.32
Jabi Tehnan	1,799	5.05	2,730	7.67	9,011	25.31	11,929	33.51	5,995	16.84	4,132	11.61
Bure Wemberma	4,109	11.49	3,995	11.17	7,947	22.22	9,747	27.25	6,532	18.26	3,442	9.62
Waghamra Zone	22,458	29.69	11,094	14.66	20,338	26.88	12,274	16.22	7,068	9.34	2,422	3.20
Zikuala	4,632	34.81	1,239	9.31	2,910	21.87	2,480	18.64	1,582	11.89	462	3.47
Sekota	12,846	38.07	5,000	14.82	7,726	22.90	4,632	13.73	2,516	7.46	1,020	3.02
Dehana	4,979	17.40	4,855	16.97	9,702	33.91	5,163	18.05	2,971	10.38	940	3.29
Awi Zone	25,081	16.42	9,896	6.48	36,212	23.71	44,094	28.87	24,587	16.10	12,853	8.42
Dangela	5,782	17.01	1,765	5.19	5,247	15.43	12,427	36.55	7,147	21.02	1,629	4.79
Banja	2,559	9.87	2,418	9.33	10,029	38.68	6,393	24.66	3,358	12.95	1,170	4.51
Ankesha	1,419	3.73	2,418	6.35	9,756	25.64	12,266	32.23	6,983	18.35	5,214	13.70
Guangua	14,761	47.20	1,988	6.36	2,796	8.94	4,485	14.34	3,444	11.01	3,799	12.15
Faggeta Lekoma	562	2.39	1,306	5.56	8,384	35.72	8,522	36.31	3,656	15.58	1,041	4.44
Oromia Zone	57,263	78.81	9,354	12.87	4,533	6.24	1,126	1.55	256	0.35	131	0.18
Chefe Golana Dawe Rahimedo	21,965	73.03	5,052	16.80	2,159	7.18	705	2.34	150	0.50	44	0.15
Bati	12,612	77.33	1,853	11.36	1,347	8.26	381	2.34	47	0.29	69	0.42
Jile Tsumiga	10,313	87.12	938	7.92	495	4.18	40	0.34	33	0.28	19	0.16
Artuma Fursi	12,374	85.68	1,512	10.47	531	3.68	-	-	25	0.17	-	-

Table 8.32B - Number of Crop Holders that Owned Local Storage 'Gottera' by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gottera'		One 'Gottera'		Two 'Gotteras'		Three 'Gotteras'		Four 'Gotteras'		Five and above 'Gotteras'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	1,958,646	65.52	488,789	16.35	322,221	10.78	138,015	4.62	52,958	1.77	28,725	0.96
North Gonder Zone	287,644	67.40	73,029	17.11	43,829	10.27	14,500	3.40	5,279	1.24	2,517	0.59
Addi Arkay	13,785	57.46	2,009	8.37	4,260	17.76	2,034	8.48	1,019	4.25	885	3.69
Beyeda	14,062	80.18	1,171	6.68	1,168	6.66	557	3.18	442	2.52	137	0.78
Janamora	24,956	85.51	1,157	3.96	1,992	6.83	731	2.50	269	0.92	79	0.27
Debark	19,705	91.69	1,291	6.01	402	1.87	-	-	80	0.37	14	0.07
Dabat	21,683	88.22	1,717	6.99	828	3.37	276	1.12	46	0.19	28	0.11
Sanja	6,664	27.17	6,164	25.14	7,171	29.24	3,161	12.89	1,117	4.55	246	1.00
Lay Armachetho	22,241	89.05	2,371	9.49	273	1.09	57	0.23	33	0.13	-	-
Wegera	29,638	79.98	3,953	10.67	1,742	4.70	723	1.95	402	1.08	599	1.62
Gondar Zuria	29,082	74.65	6,549	16.81	2,619	6.72	567	1.46	102	0.26	38	0.10
Dembia	39,483	95.67	972	2.36	390	0.94	142	0.34	285	0.69	-	-
Chilga	17,763	55.02	8,492	26.30	4,619	14.31	944	2.92	285	0.88	183	0.57
Metema	2,192	21.59	6,125	60.33	1,578	15.54	190	1.87	54	0.53	13	0.13
Quara	1,992	21.19	5,908	62.84	1,042	11.08	281	2.99	143	1.52	35	0.37
Alefa	31,542	68.21	10,496	22.70	3,456	7.47	629	1.36	121	0.26	-	-
Belesa	12,859	28.48	14,655	32.46	12,287	27.21	4,207	9.32	880	1.95	260	0.58
South Gonder Zone	272,677	72.86	45,578	12.18	32,243	8.62	14,764	3.94	5,839	1.56	3,151	0.84
Ebenat	17,144	40.85	11,902	28.36	8,026	19.12	3,039	7.24	1,124	2.68	734	1.75
Kemekem	14,008	45.50	7,326	23.80	6,404	20.80	2,411	7.83	531	1.72	106	0.34
Fogera	32,099	79.47	4,440	10.99	2,422	6.00	1,197	2.96	172	0.43	63	0.16
Farta	33,719	70.79	7,823	16.42	3,794	7.96	1,422	2.99	705	1.48	171	0.36
Lay Gayint	31,293	79.62	2,589	6.59	3,004	7.64	1,309	3.33	790	2.01	318	0.81
Tach Gayint	14,632	72.19	3,403	16.79	1,433	7.07	690	3.40	112	0.55	-	-
Simada	34,103	72.51	6,379	13.56	4,532	9.64	1,764	3.75	210	0.45	45	0.10
Estie	60,847	95.84	1,120	1.76	315	0.50	270	0.43	216	0.34	721	1.14
Dera	34,836	80.31	596	1.37	2,312	5.33	2,662	6.14	1,978	4.56	992	2.29
North Wollo Zone	217,063	70.55	50,014	16.26	24,441	7.94	9,871	3.21	3,919	1.27	2,361	0.77
Bugna	26,925	57.64	7,234	15.49	6,778	14.51	4,311	9.23	777	1.66	691	1.48
Kobo	23,769	57.31	13,263	31.98	3,955	9.54	437	1.05	48	0.12	-	-
Gidan	24,882	72.00	6,496	18.80	2,790	8.07	162	0.47	230	0.67	-	-
Meket	35,712	74.23	3,084	6.41	3,684	7.66	2,897	6.02	1,637	3.40	1,093	2.27
Wadala	23,986	89.97	1,637	6.14	708	2.66	163	0.61	98	0.37	69	0.26
Dawutna Delanta	28,680	79.87	3,133	8.72	2,133	5.94	780	2.17	802	2.23	382	1.06
Guba Lafto	21,499	60.39	9,536	26.79	3,157	8.87	1,005	2.82	276	0.78	127	0.36
Habru	31,611	81.80	5,632	14.57	1,235	3.20	116	0.30	51	0.13	-	-
South Wollo Zone	259,902	52.84	109,238	22.21	76,569	15.57	27,211	5.53	11,026	2.24	7,914	1.61
Mekdela	25,543	83.12	1,539	5.01	1,344	4.37	565	1.84	777	2.53	963	3.13
Tenta	29,374	82.84	3,225	9.09	1,686	4.75	562	1.58	347	0.98	266	0.75
Kutaber	8,205	37.89	4,255	19.65	4,720	21.80	2,351	10.86	1,097	5.07	1,024	4.73
Ambasel	7,637	28.97	8,196	31.09	6,377	24.19	2,217	8.41	1,499	5.69	439	1.67
Tehuledere	16,409	69.32	4,405	18.61	1,445	6.10	1,023	4.32	358	1.51	31	0.13
Werebabu	11,580	54.47	5,321	25.03	2,792	13.13	819	3.85	367	1.73	381	1.79
Kalu	24,145	61.63	10,940	27.92	3,057	7.80	744	1.90	179	0.46	112	0.29
Dessie Zuria	39,943	61.51	11,471	17.67	7,547	11.62	3,266	5.03	1,064	1.64	1,643	2.53
Legambo	28,488	80.03	5,061	14.22	1,545	4.34	337	0.95	126	0.35	41	0.12
Sayint	17,585	39.21	8,407	18.74	10,457	23.31	4,780	10.66	1,933	4.31	1,691	3.77
Debressina	11,701	31.91	14,678	40.02	8,313	22.67	1,558	4.25	235	0.64	188	0.51
Kelala	5,217	17.43	9,432	31.52	9,282	31.02	3,744	12.51	1,416	4.73	833	2.78
Jama	9,341	37.26	7,532	30.05	5,292	21.11	1,810	7.22	978	3.90	115	0.46
Were Ilu	20,070	67.54	5,202	17.51	3,384	11.39	857	2.88	202	0.68	-	-
Wegde	4,663	17.41	9,573	35.75	9,328	34.83	2,578	9.63	448	1.67	189	0.71
North Shewa (Amhara) Zone	110,503	32.62	85,398	25.21	76,784	22.67	40,716	12.02	16,589	4.90	8,773	2.59
Middana Weremo	1,696	10.18	6,593	39.59	5,553	33.35	2,056	12.35	466	2.80	288	1.73
Merhabete	1,564	6.79	5,514	23.94	8,753	38.00	5,073	22.02	1,428	6.20	703	3.05
Insarona Wayu	5,589	22.79	5,771	23.53	7,031	28.67	4,496	18.33	1,276	5.20	360	1.47
Moretna Jiru	1,240	7.17	3,534	20.44	5,931	34.31	4,415	25.54	1,390	8.04	779	4.51

Table 8.32B:- Number of Crop Holders that Owned Local Storage 'Gottera' by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gottera'		One 'Gottera'		Two 'Gotteras'		Three 'Gotteras'		Four 'Gotteras'		Five and above 'Gotteras'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	11,860	43.49	7,361	27.00	4,400	16.14	2,271	8.33	851	3.12	525	1.93
Geshe	3,211	27.44	3,126	26.72	2,858	24.43	1,377	11.77	740	6.32	389	3.32
Antsokiya Gemza	5,391	41.52	4,535	34.92	2,390	18.41	547	4.21	122	0.94	-	-
Efratana Gidim	11,605	61.99	4,855	25.93	1,993	10.65	178	0.95	42	0.22	48	0.26
Lalo Midir	6,283	26.42	6,583	27.68	5,900	24.81	3,121	13.12	1,382	5.81	511	2.15
Mojana Wadera	4,282	28.57	2,209	14.74	3,459	23.08	2,587	17.26	1,524	10.17	928	6.19
Tarma Ber	7,761	45.25	5,940	34.64	2,754	16.06	432	2.52	222	1.29	41	0.24
Kewet	10,260	50.30	5,745	28.16	3,317	16.26	832	4.08	245	1.20	-	-
Asagirt	3,656	37.98	3,026	31.44	1,896	19.70	811	8.43	150	1.56	86	0.89
Angolelana Tera	9,597	64.28	3,356	22.48	1,460	9.78	401	2.69	99	0.66	17	0.11
Ankober	5,183	32.73	5,014	31.67	3,541	22.36	1,498	9.46	361	2.28	237	1.50
Hagere Mariam	2,376	22.30	1,885	17.69	2,716	25.49	2,056	19.30	1,025	9.62	596	5.59
Berehet	704	13.00	1,194	22.05	1,638	30.25	927	17.12	574	10.60	377	6.96
Minjarna Shenkora	5,542	24.18	3,741	16.32	5,294	23.10	4,125	18.00	2,623	11.44	1,595	6.96
Basona Werana	12,701	41.11	5,416	17.53	5,901	19.10	3,513	11.37	2,070	6.70	1,293	4.19
East Gojam Zone	253,724	67.26	56,719	15.04	40,629	10.77	18,172	4.82	5,875	1.56	2,089	0.55
Bibugn	15,404	75.58	3,053	14.98	1,292	6.34	416	2.04	154	0.76	61	0.30
Hulet Ej Enese	24,856	57.91	5,057	11.78	5,912	13.77	4,946	11.52	1,653	3.85	498	1.16
Goncha Siso Enese	12,062	45.29	7,364	27.65	4,614	17.33	1,452	5.45	991	3.72	148	0.56
Enbise Sar Midir	4,795	18.27	10,109	38.52	8,910	33.95	1,800	6.86	528	2.01	102	0.39
Enarj Enawga	19,020	60.56	6,864	21.85	3,774	12.02	1,186	3.78	262	0.83	302	0.96
Enemay	24,138	91.76	1,157	4.40	711	2.70	268	1.02	33	0.13	-	-
Debay Telatgen	21,866	90.42	291	1.20	620	2.56	565	2.34	535	2.21	305	1.26
Machakel	33,474	87.10	4,509	11.73	196	0.51	156	0.41	45	0.12	52	0.14
Guzamn	39,140	91.42	1,443	3.37	855	2.00	918	2.14	340	0.79	118	0.28
Baso Liben	15,900	60.94	5,020	19.24	2,309	8.85	2,042	7.83	592	2.27	229	0.88
Awabel	20,278	63.15	3,279	10.21	5,461	17.01	2,740	8.53	308	0.96	45	0.14
Dejen	9,271	45.74	4,629	22.84	4,337	21.40	1,524	7.52	309	1.52	197	0.97
Shebel Berenta	13,516	69.60	3,944	20.31	1,639	8.44	161	0.83	125	0.64	34	0.18
West Gojam Zone	345,521	92.94	15,655	4.21	4,299	1.16	3,560	0.96	1,809	0.49	919	0.25
Achefer	46,240	96.35	969	2.02	451	0.94	139	0.29	120	0.25	71	0.15
Bahir Dar Zuria	41,910	93.60	851	1.90	867	1.94	388	0.87	488	1.09	273	0.61
Yilman Densa	52,473	98.30	840	1.57	-	-	-	-	65	0.12	-	-
Merawi	45,982	96.17	1,829	3.83	-	-	-	-	-	-	-	-
Sekela	24,908	96.73	739	2.87	74	0.29	30	0.12	-	-	-	-
Kuarit	28,879	96.22	332	1.11	351	1.17	293	0.98	128	0.43	29	0.10
Dega Damot	26,214	91.08	1,046	3.63	685	2.38	674	2.34	119	0.41	43	0.15
Dembecha	16,944	77.38	4,161	19.00	336	1.53	270	1.23	81	0.37	104	0.47
Jabi Tehnan	31,925	89.69	3,184	8.94	157	0.44	137	0.38	193	0.54	-	-
Bure Wemberma	30,052	84.01	1,703	4.76	1,376	3.85	1,627	4.55	616	1.72	398	1.11
Waghamra Zone	32,576	43.06	24,100	31.86	12,724	16.82	4,264	5.64	1,448	1.91	542	0.72
Zikuala.	5,455	41.00	3,560	26.76	2,644	19.87	787	5.92	544	4.09	315	2.37
Sekota	14,279	42.32	12,584	37.30	4,700	13.93	1,791	5.31	285	0.84	101	0.30
Dehana	12,846	44.90	7,956	27.81	5,379	18.80	1,685	5.89	619	2.16	125	0.44
Awi Zone	125,418	82.12	13,058	8.55	8,151	5.34	4,534	2.97	1,104	0.72	458	0.30
Dangela.	23,924	70.37	5,308	15.61	3,287	9.67	1,120	3.29	248	0.73	110	0.32
Banja	25,856	99.73	-	-	71	0.27	-	-	-	-	-	-
Ankesha	36,768	96.62	1,101	2.89	142	0.37	45	0.12	-	-	-	-
Guangua	15,525	49.64	6,589	21.07	4,618	14.77	3,337	10.67	856	2.74	348	1.11
Faggeta Lekoma	23,346	99.47	61	0.26	32	0.14	32	0.14	-	-	-	-
Oromia Zone	53,615	73.79	16,001	22.02	2,554	3.51	423	0.58	70	0.10	-	-
Chefe Golana Dawe Rahimedo	17,851	59.35	10,335	34.36	1,530	5.09	319	1.06	40	0.13	-	-
Bati	14,481	88.79	1,230	7.54	532	3.26	66	0.40	-	-	-	-
Jile Tsumiga	9,236	78.02	2,259	19.08	324	2.74	19	0.16	-	-	-	-
Artuma Fursi	12,048	83.42	2,177	15.07	168	1.16	20	0.14	29	0.20	-	-

Table 8.33B:- Number of Crop Holders that Owned Local Storage 'Gudguad' by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gudguad'		One 'Gudguad'		Two 'Gudguads'		Three 'Gudguads'		Four 'Gudguads'		Five and above 'Gudguads'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,664,837	89.14	261,549	8.75	47,468	1.59	10,210	0.34	2,965	0.10	2,325	0.08
North Gonder Zone	416,218	97.52	5,380	1.26	3,562	0.83	941	0.22	399	0.09	298	0.07
Addi Arkay	23,671	98.66	31	0.13	145	0.60	65	0.27	56	0.23	24	0.10
Beyeda	11,949	68.14	3,454	19.70	1,704	9.72	344	1.96	45	0.26	41	0.23
Janamora	26,459	90.66	1,195	4.09	1,075	3.68	195	0.67	146	0.50	114	0.39
Debark	20,881	97.16	520	2.42	91	0.42	-	-	-	-	-	-
Dabat	24,522	99.77	-	-	-	-	-	-	25	0.10	31	0.13
Janja	24,505	99.93	-	-	18	0.07	-	-	-	-	-	-
Lay Armachiho	24,779	99.22	79	0.32	62	0.25	26	0.10	-	-	29	0.12
Wegera	36,880	99.52	64	0.17	60	0.16	53	0.14	-	-	-	-
Gondar Zuria	38,679	99.29	-	-	184	0.47	94	0.24	-	-	-	-
Dembia	41,122	99.64	-	-	53	0.13	97	0.24	-	-	-	-
Chilga	32,132	99.52	37	0.11	49	0.15	-	-	68	0.21	-	-
Metema	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa	45,937	99.34	-	-	122	0.26	65	0.14	60	0.13	60	0.13
Belesa	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone	366,630	97.96	4,580	1.22	1,943	0.52	610	0.16	396	0.11	93	0.02
Ebenat	41,866	99.75	53	0.13	50	0.12	-	-	-	-	-	-
Kemekem	30,740	99.85	-	-	-	-	-	-	-	-	46	0.15
Fogera	39,994	99.01	50	0.12	205	0.51	97	0.24	-	-	47	0.12
Farta	43,826	92.01	3,122	6.55	322	0.68	199	0.42	165	0.35	-	-
Lay Gayint	36,834	93.72	985	2.51	1,003	2.55	313	0.80	168	0.43	-	-
Tach Gayint	20,169	99.50	21	0.10	80	0.39	-	-	-	-	-	-
Simada	46,966	99.86	67	0.14	-	-	-	-	-	-	-	-
Estie	63,185	99.52	217	0.34	87	0.14	-	-	-	-	-	-
Dera	43,051	99.25	66	0.15	197	0.45	-	-	62	0.14	-	-
North Wollo Zone	230,024	74.76	61,638	20.03	11,959	3.89	2,588	0.84	596	0.19	864	0.28
Bugna	45,169	96.69	1,241	2.66	189	0.40	117	0.25	-	-	-	-
Kobo	17,845	43.03	21,082	50.83	2,229	5.37	164	0.40	59	0.14	93	0.22
Gidan	33,840	97.92	437	1.26	283	0.82	-	-	-	-	-	-
Meket	40,945	85.11	3,184	6.62	2,659	5.53	964	2.00	45	0.09	310	0.64
Wadala	19,382	72.70	3,570	13.39	2,662	9.98	637	2.39	225	0.84	185	0.69
Dawutna Delanta	31,990	89.08	1,982	5.52	1,304	3.63	461	1.28	39	0.11	134	0.37
Guba Lafto	24,170	67.89	10,104	28.38	1,159	3.26	89	0.25	35	0.10	43	0.12
Habru	16,685	43.18	20,039	51.85	1,473	3.81	156	0.40	194	0.50	98	0.25
South Wollo Zone	389,992	79.29	83,781	17.03	14,514	2.95	2,679	0.54	475	0.10	419	0.09
Mekdela	30,664	99.78	67	0.22	-	-	-	-	-	-	-	-
Tenta	34,165	96.35	893	2.52	356	1.00	46	0.13	-	-	-	-
Kutaber	21,356	98.63	107	0.49	74	0.34	27	0.12	56	0.26	32	0.15
Ambasel	21,406	81.19	4,326	16.41	588	2.23	45	0.17	-	-	-	-
Tehuledere	11,582	48.93	10,808	45.66	1,185	5.01	65	0.27	31	0.13	-	-
Werebabu	8,584	40.38	11,975	56.33	499	2.35	122	0.57	-	-	80	0.38
Kalu	11,250	28.72	24,949	63.68	2,702	6.90	166	0.42	55	0.14	55	0.14
Dessie Zuria	53,479	82.36	7,616	11.73	2,863	4.41	831	1.28	145	0.22	-	-
Legambo	28,947	81.32	4,998	14.04	1,417	3.98	148	0.42	44	0.12	44	0.12
Sayint	39,789	88.71	3,654	8.15	917	2.04	320	0.71	104	0.23	69	0.15
Debresina	31,108	84.83	3,933	10.72	1,104	3.01	434	1.18	-	-	94	0.26
Kelala	28,002	93.58	1,763	5.89	159	0.53	-	-	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	26,387	88.80	1,856	6.25	1,270	4.27	117	0.39	40	0.13	45	0.15
Wegde	18,205	67.98	6,835	25.52	1,380	5.15	359	1.34	-	-	-	-
North Shewa (Amhara) Zone	293,734	86.71	38,737	11.43	5,034	1.49	943	0.28	172	0.05	143	0.04
Middana Weremo	16,464	98.87	137	0.82	22	0.13	29	0.17	-	-	-	-
Merhabete	22,885	99.35	87	0.38	30	0.13	33	0.14	-	-	-	-
Insarona Wayu	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru	17,267	99.87	22	0.13	-	-	-	-	-	-	-	-

Table 8.33B:- Number of Crop Holders that Owned Local Storage 'Gudguad' by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gudguad'		One 'Gudguad'		Two 'Gudguads'		Three 'Gudguads'		Four 'Gudguads'		Five and above 'Gudguads'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,106	99.41	36	0.13	126	0.46	-	-	-	-	-	-
Geshe	11,654	99.60	31	0.26	16	0.14	-	-	-	-	-	-
Antsokiya Gemza	11,010	84.79	1,808	13.92	60	0.46	60	0.46	17	0.13	30	0.23
Efratana Gidim	12,369	66.07	5,767	30.80	464	2.48	121	0.65	-	-	-	-
Lalo Midir	23,641	99.42	112	0.47	27	0.11	-	-	-	-	-	-
Mojana Wadera	14,972	99.89	17	0.11	-	-	-	-	-	-	-	-
Tarma Ber	10,350	60.35	5,860	34.17	669	3.90	206	1.20	42	0.24	23	0.13
Kewet	10,193	49.97	8,571	42.02	1,486	7.28	102	0.50	47	0.23	-	-
Asagirt	6,042	62.77	3,218	33.43	327	3.40	25	0.26	13	0.14	-	-
Angolelana Tera	14,825	99.30	17	0.11	17	0.11	53	0.35	-	-	18	0.12
Ankober	8,815	55.67	6,135	38.75	721	4.55	121	0.76	22	0.14	20	0.13
Hagere Mariam	10,318	96.85	314	2.95	22	0.21	-	-	-	-	-	-
Berehet	1,806	33.36	2,903	53.62	630	11.64	75	1.39	-	-	-	-
Minjarna Shenkora	19,652	85.74	2,723	11.88	381	1.66	81	0.35	31	0.14	52	0.23
Basona Werana	29,845	96.60	977	3.16	35	0.11	37	0.12	-	-	-	-
East Gojam Zone	347,290	92.07	21,505	5.70	6,739	1.79	1,195	0.32	419	0.11	60	0.02
Bibugn	20,069	98.47	55	0.27	78	0.38	101	0.50	77	0.38	-	-
Hulet Ej Enese	42,734	99.56	-	-	-	-	68	0.16	60	0.14	60	0.14
Goncha Siso Enese	25,778	96.80	703	2.64	150	0.56	-	-	-	-	-	-
Enbise Sar Midir	19,300	73.54	4,739	18.06	1,910	7.28	205	0.78	90	0.34	-	-
Enarj Enawga	25,538	81.31	4,267	13.59	1,300	4.14	259	0.82	44	0.14	-	-
Enemay	24,081	91.54	1,547	5.88	602	2.29	77	0.29	-	-	-	-
Debay Telatgen	23,031	95.24	520	2.15	517	2.14	114	0.47	-	-	-	-
Machakel	38,118	99.18	50	0.13	157	0.41	107	0.28	-	-	-	-
Guzamn	41,479	96.88	1,124	2.63	62	0.14	-	-	149	0.35	-	-
Baso Liben	26,065	99.90	-	-	-	-	27	0.10	-	-	-	-
Awabel	28,968	90.21	2,534	7.89	525	1.63	84	0.26	-	-	-	-
Dejen	14,412	71.11	4,396	21.69	1,334	6.58	125	0.62	-	-	-	-
Shebel Berenta	17,720	91.25	1,569	8.08	103	0.53	27	0.14	-	-	-	-
West Gojam Zone	369,777	99.47	503	0.14	265	0.07	733	0.20	314	0.08	171	0.05
Achefer	47,825	99.66	60	0.13	45	0.09	60	0.13	-	-	-	-
Bahir Dar Zuria	44,416	99.19	120	0.27	58	0.13	183	0.41	-	-	-	-
Yilman Densa	53,220	99.70	-	-	-	-	158	0.30	-	-	-	-
Merawi	47,611	99.58	60	0.13	-	-	-	-	140	0.29	-	-
Sekela	25,535	99.16	36	0.14	65	0.25	115	0.45	-	-	-	-
Kuarit	29,787	99.25	107	0.36	36	0.12	47	0.16	35	0.12	-	-
Dega Damot	28,600	99.37	-	-	36	0.13	65	0.23	-	-	80	0.28
Dembecha	21,815	99.63	30	0.14	24	0.11	-	-	27	0.12	-	-
Jabi Tehnan	35,419	99.50	43	0.12	-	-	43	0.12	-	-	91	0.26
Bure Wemberma	35,552	99.38	47	0.13	-	-	61	0.17	112	0.31	-	-
Waghamra Zone	74,641	98.66	607	0.80	285	0.38	121	0.16	-	-	-	-
Zikuala.	13,265	99.70	20	0.15	-	-	20	0.15	-	-	-	-
Sekota	32,878	97.45	551	1.63	249	0.74	62	0.18	-	-	-	-
Dehana	28,501	99.62	35	0.12	35	0.12	39	0.14	-	-	-	-
Awi Zone	151,899	99.46	514	0.34	90	0.06	144	0.09	76	0.05	-	-
Dangela.	33,816	99.47	96	0.28	-	-	42	0.12	43	0.13	-	-
Banja	25,756	99.34	139	0.54	-	-	-	-	32	0.12	-	-
Ankesha	37,687	99.03	279	0.73	90	0.24	-	-	-	-	-	-
Guangua	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma	23,369	99.57	-	-	-	-	102	0.43	-	-	-	-
Oromia Zone	24,627	33.89	44,304	60.97	3,077	4.23	258	0.36	119	0.16	278	0.38
Chefe Golana Dawe Rahimedo	11,071	36.81	17,231	57.29	1,616	5.37	112	0.37	45	0.15	-	-
Bati	3,806	23.34	11,530	70.70	798	4.89	114	0.70	44	0.27	17	0.10
Jile Tsumiga	4,324	36.53	7,209	60.90	273	2.31	32	0.27	-	-	-	-
Artuma Fursi	5,427	37.58	8,334	57.71	391	2.71	-	-	29	0.20	261	1.81

Table 8.34B:- Number of Crop Holders that Owned Modern Storage by Geographic Area

Geographic Area	Number of Crop Holders that Owned											
	No Modern Storage		One Modern Storage		Two Modern Storages		Three Modern Storages		Four Modern Storages		Five and above Modern Storages	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region	2,984,146	99.83	2,609	0.09	1,176	0.04	931	0.03	187	0.01	305	0.01
North Gonder Zone	425,661	99.73	393	0.09	299	0.07	190	0.04	187	0.04	68	0.02
Addi Arkay	23,951	99.83	-	-	41	0.17	-	-	-	-	-	-
Beyeda	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Janja	24,283	99.02	34	0.14	81	0.33	57	0.23	-	-	68	0.28
Lay Armachebo	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera	37,022	99.91	35	0.09	-	-	-	-	-	-	-	-
Gondar Zuria	38,904	99.86	53	0.14	-	-	-	-	-	-	-	-
Dembia	40,986	99.31	95	0.23	-	-	87	0.21	104	0.25	-	-
Chilga	32,160	99.61	-	-	43	0.13	-	-	83	0.26	-	-
Metema	9,981	98.32	129	1.27	42	0.41	-	-	-	-	-	-
Quara	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa	44,961	99.59	47	0.10	93	0.21	47	0.10	-	-	-	-
South Gonder Zone	373,448	99.79	303	0.08	162	0.04	222	0.06	-	-	117	0.03
Ebenat	41,875	99.78	47	0.11	-	-	47	0.11	-	-	-	-
Kemekem	30,703	99.73	35	0.11	48	0.16	-	-	-	-	-	-
Fogera	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta	47,445	99.60	67	0.14	-	-	122	0.26	-	-	-	-
Lay Gayint	39,196	99.73	-	-	52	0.13	-	-	-	-	55	0.14
Tach Gayint	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada	46,879	99.67	154	0.33	-	-	-	-	-	-	-	-
Estie	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera	43,198	99.59	-	-	62	0.14	54	0.12	-	-	62	0.14
North Wollo Zone	307,447	99.93	200	0.07	22	0.01	-	-	-	-	-	-
Bugna	46,579	99.71	115	0.25	22	0.05	-	-	-	-	-	-
Kobo	41,420	99.87	52	0.13	-	-	-	-	-	-	-	-
Gidan	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala	26,629	99.88	32	0.12	-	-	-	-	-	-	-	-
Dawutna Delanta	35,910	100.00	-	-	-	-	-	-	-	-	-	-
Guba Lafto	35,600	100.00	-	-	-	-	-	-	-	-	-	-
Habru	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone	491,330	99.89	261	0.05	130	0.03	76	0.02	-	-	63	0.01
Mekdela	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel	26,291	99.72	74	0.28	-	-	-	-	-	-	-	-
Tehuledere	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu	39,105	99.82	-	-	72	0.18	-	-	-	-	-	-
Dessie Zuria	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo	35,556	99.88	42	0.12	-	-	-	-	-	-	-	-
Sayint	44,669	99.59	63	0.14	58	0.13	-	-	-	-	63	0.14
Debresina	36,632	99.89	-	-	-	-	41	0.11	-	-	-	-
Kelala	29,889	99.88	-	-	-	-	35	0.12	-	-	-	-
Jama	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu	29,670	99.85	45	0.15	-	-	-	-	-	-	-	-
Wegde	26,742	99.86	37	0.14	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone	338,025	99.78	463	0.14	138	0.04	81	0.02	-	-	56	0.02
Middana Weremo	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete	22,975	99.74	30	0.13	30	0.13	-	-	-	-	-	-
Insarona Wayu	24,465	99.76	-	-	29	0.12	29	0.12	-	-	-	-
Moretna Jiru	17,248	99.76	-	-	22	0.13	19	0.11	-	-	-	-

Table 8.34B:- Number of Crop Holders that Owned Modern Storage by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No Modern Storage		One Modern Storage		Two Modern Storages		Three Modern Storages		Four Modern Storages		Five and above Modern Storages	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone												
Gera Keya	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe	11,641	99.49	28	0.24	16	0.14	16	0.14	-	-	-	-
Antsokiya Gemza	12,968	99.87	17	0.13	-	-	-	-	-	-	-	-
Efratana Gidim	18,672	99.74	49	0.26	-	-	-	-	-	-	-	-
Lalo Midir	23,724	99.76	56	0.24	-	-	-	-	-	-	-	-
Mojana Wadera	14,972	99.89	17	0.11	-	-	-	-	-	-	-	-
Tarma Ber	17,133	99.90	-	-	-	-	17	0.10	-	-	-	-
Kewet	20,399	100.00	-	-	-	-	-	-	-	-	-	-
Asagirt	9,614	99.89	11	0.11	-	-	-	-	-	-	-	-
Angolelana Tera	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober	15,785	99.69	49	0.31	-	-	-	-	-	-	-	-
Hagere Mariam	10,630	99.77	12	0.11	12	0.11	-	-	-	-	-	-
Berehet	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora	22,642	98.79	194	0.85	28	0.12	-	-	-	-	56	0.24
Basona Werana	30,894	100.00	-	-	-	-	-	-	-	-	-	-
East Gojam Zone	376,476	99.81	382	0.10	224	0.06	126	0.03	-	-	-	-
Bibugn	20,354	99.87	-	-	26	0.13	-	-	-	-	-	-
Hulet Ej Enese	42,801	99.72	60	0.14	-	-	61	0.14	-	-	-	-
Goncha Siso Enese	26,532	99.63	-	-	62	0.23	37	0.14	-	-	-	-
Enbise Sar Midir	26,039	99.22	170	0.65	35	0.13	-	-	-	-	-	-
Enarj Enawga	31,350	99.82	58	0.18	-	-	-	-	-	-	-	-
Enemay	26,173	99.49	67	0.25	67	0.25	-	-	-	-	-	-
Debay Telatgen	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen	20,233	99.83	-	-	34	0.17	-	-	-	-	-	-
Shebel Berenta	19,365	99.72	27	0.14	-	-	27	0.14	-	-	-	-
West Gojam Zone	371,318	99.88	338	0.09	45	0.01	62	0.02	-	-	-	-
Achefer	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi	47,749	99.87	-	-	-	-	62	0.13	-	-	-	-
Sekela	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha	21,872	99.89	24	0.11	-	-	-	-	-	-	-	-
Jabi Tehnan	35,551	99.87	-	-	45	0.13	-	-	-	-	-	-
Bure Wemberma	35,458	99.12	314	0.88	-	-	-	-	-	-	-	-
Waghamra Zone	75,576	99.90	35	0.05	43	0.06	-	-	-	-	-	-
Zikuala	13,227	99.41	35	0.26	43	0.32	-	-	-	-	-	-
Sekota	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone	152,267	99.70	169	0.11	113	0.07	174	0.11	-	-	-	-
Dangela	33,822	99.49	51	0.15	69	0.20	55	0.16	-	-	-	-
Banja	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha	37,924	99.65	44	0.12	44	0.12	44	0.12	-	-	-	-
Guangua	31,124	99.52	74	0.24	-	-	75	0.24	-	-	-	-
Faggeta Lekoma	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone	72,597	99.91	66	0.09	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati	16,290	99.88	19	0.12	-	-	-	-	-	-	-	-
Jile Tsumiga	11,805	99.72	33	0.28	-	-	-	-	-	-	-	-
Artuma Fursi	14,427	99.90	15	0.10	-	-	-	-	-	-	-	-

ANNEX TABLES PRESENTING ESTIMATES, STANDARD ERRORS AND COEFFICIENT OF VARIATION FOR SELECTED FARM IMPLEMENT VARIABLES

Annex Tables 8.1-8.11

ANNEX TABLE 8.1 - Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Regional

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	2,517,188	13,054.56	0.52	4,524,079	35,414.29	0.78	27,793,994	32,391,448.58	1.17
'Gejeras'	168,214	5,268.45	3.13	183,993	5,962.87	3.24	1,701,068	7,189,379.60	4.23
Shovels	464,678	7,767.83	1.67	493,115	9,074.29	1.84	4,253,731	8,443,374.55	1.98
Used for Cultivation									
Hoes	396,827	10,681.52	2.69	537,512	21,885.89	4.07	2,814,556	8,847,328.23	3.14
'Mekeskeshas'	87,567	6,768.26	7.73	134,105	12,199.26	9.10	706,148	6,153,985.95	8.71
Pick Axes	1,127,777	15,088.20	1.34	1,614,266	27,703.20	1.72	9,070,464	14,682,453.31	1.62
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	2,311,694	12,101.83	0.52	4,685,784	40,948.96	0.87	9,920,742	10,980,889.12	1.11
'Erfes' (Handle)	2,297,082	12,088.65	0.53	3,935,134	39,598.09	1.01	6,415,309	7,963,189.33	1.24
Plough-Beams	2,329,211	12,152.54	0.52	4,030,791	27,770.44	0.69	27,983,262	31,217,223.54	1.12
Plough -Tips (Metal)	2,283,412	12,117.44	0.53	2,628,066	16,159.49	0.61	48,590,555	41,713,922.45	0.86
'Wegel' -Tips	2,282,885	12,141.35	0.53	2,556,122	15,277.88	0.60	10,792,587	9,025,915.25	0.84
Yokes	2,294,919	12,181.08	0.53	2,788,608	17,383.50	0.62	16,174,215	15,639,190.87	0.97
Used for Harvesting									
Sickles	2,686,409	12,439.84	0.46	5,507,067	34,454.06	0.63	30,832,048	34,190,763.76	1.11
Used for Threshing									
Hay-Forks (Metal)	45,811	2,071.33	4.52	56,272	2,702.54	4.80	592,850	4,190,022.12	7.07
Hay-Forks (Wood)	1,802,766	12,170.20	0.68	3,124,631	27,805.97	0.89	10,472,226	13,172,139.45	1.26
Threshing Sticks	264,831	10,536.27	3.98	537,963	23,409.15	4.35	626,661	3,627,474.87	5.79
Winnowers (Metal)	8,363	696.74	8.33	10,171	964.70	9.48	73,906	800,678.85	10.83
Winnowers (Wood)	1,014,103	11,369.73	1.12	1,163,325	14,194.08	1.22	8,335,239	12,122,979.70	1.45
Other Farm Equipment									
Carts (Hauling)	2,145	353.88	16.49	2,815	526.75	18.72	354,538	14,689,456.15	41.43
Sprayers (Hand Operated)	10,711	769.08	7.18	14,981	1,197.64	7.99	1,311,584	18,260,556.20	13.92
Sprayers (Power Operated)	*	*	*	*	*	*	*	*	*
Tying Tools	*	*	*	*	*	*	*	*	*
Wheelbarrows	946	218.32	23.07	946	218.32	23.07	69,408	1,966,323.08	28.33
Animals Used for Ploughing									
Asses	20,736	2,370.20	11.43	26,095	3,083.57	11.82	10,085,830	122,898,340.69	12.19
Camels	*	*	*	*	*	*	*	*	*
Horses	59,714	4,527.11	7.58	85,860	6,578.50	7.66	30,118,066	250,409,530.10	8.31
Mules	3,729	955.49	25.63	4,096	1,038.11	25.35	3,038,525	81,864,534.34	26.94
Oxen	2,122,013	12,742.78	0.60	3,769,055	62,571.71	1.66	2,145,166,659	1,728,858,634.59	0.81
AnimalsUsed for Threshing or Transportation									
Asses	886,442	9,822.05	1.11	1,105,496	20,757.65	1.88	188,781,125	239,880,908.80	1.27
Camels	9,154	1,113.95	12.17	12,764	1,426.98	11.18	12,201,756	136,934,958.48	11.22
Cattle	2,240,133	13,325.32	0.59	5,776,762	97,670.71	1.69	2,996,251,337	4,748,944,040.39	1.58
Horses	165,919	6,697.88	4.04	232,426	12,552.40	5.40	75,913,894	347,829,936.54	4.58
Mules	60,896	2,826.38	4.64	65,567	3,192.02	4.87	52,741,268	253,128,486.33	4.80
Storage Structure									
'Debiginits'	2,202,125	18,813.95	0.85	6,107,517	72,515.80	1.19	42,857,551	106,688,055.42	2.49
'Gotteras'	1,030,710	17,693.39	1.72	1,970,926	48,769.42	2.47	25,645,365	67,127,632.49	2.62
'Gudguads'	324,494	9,467.93	2.92	414,314	13,465.37	3.25	8,873,563	33,213,894.14	3.74
Modern Storages	5,208	631.63	12.13	10,119	1,295.79	12.81	780,725	33,906,433.19	43.43

ANNEX TABLE 8.2:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, North Gonder Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	330,425	5,000.49	1.51	547,828	11,504.08	2.10	5,210,108	17,635,603.77	3.38
'Gejeras'	61,679	3,327.61	5.40	67,411	3,783.21	5.61	771,571	5,659,868.12	7.34
Shovels	51,901	2,375.51	4.58	54,308	2,533.94	4.67	539,019	2,694,613.58	5.00
Used for Cultivation									
Hoes	20,257	3,162.65	15.61	24,020	4,071.85	16.95	216,667	3,996,880.99	18.45
'Mekeskeshas'	27,105	3,908.38	14.42	41,915	7,062.27	16.85	268,403	4,708,297.35	17.54
Pick Axes	79,434	4,538.06	5.71	93,893	5,899.32	6.28	766,179	4,320,977.24	5.64
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	336,316	4,661.40	1.39	629,285	14,280.49	2.27	1,778,780	5,773,438.38	3.25
'Erfes' (Handle)	335,733	4,660.79	1.39	578,000	10,369.71	1.79	1,339,689	3,978,524.58	2.97
Plough-Beams.	340,239	4,739.10	1.39	543,599	9,206.43	1.69	4,904,151	15,473,543.69	3.16
Plough -Tips (Metal)	321,671	4,598.13	1.43	385,740	6,470.95	1.68	9,396,052	20,000,851.72	2.13
'Wegel' -Tips	320,526	4,771.36	1.49	369,561	6,450.36	1.75	1,963,394	4,889,895.86	2.49
Yokes	334,662	4,724.84	1.41	425,924	7,621.80	1.79	2,153,625	5,876,732.05	2.73
Used for Harvesting									
Sickles	373,397	5,109.35	1.37	634,859	10,583.12	1.67	7,167,033	16,656,375.34	2.32
Used for Threshing									
Hay-Forks (Metal)	11,433	1,118.61	9.78	13,720	1,428.75	10.41	191,811	2,809,618.10	14.65
Hay-Forks (Wood)	265,379	4,638.55	1.75	469,564	11,104.62	2.36	1,605,491	4,876,441.53	3.04
Threshing Sticks	25,302	3,589.82	14.19	40,167	5,952.37	14.82	72,110	1,116,357.95	15.48
Winnowers (Metal)	1,142	261.53	22.90	1,267	299.37	23.63	8,666	268,669.12	31.00
Winnowers (Wood)	115,633	4,672.90	4.04	135,262	5,889.12	4.35	840,608	4,345,133.04	5.17
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	1,410	293.42	20.81	1,826	440.94	24.15	*	*	*
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	*	*	*	*	*	*	*	*	*
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	2,790	614.47	22.02	3,625	773.33	21.33	1,756,182	39,110,230.42	22.27
Camels	-	-	-	-	-	-	-	-	-
Horses	7,504	1,290.48	17.20	10,548	1,981.00	18.78	4,388,205	88,396,397.44	20.14
Mules	242	111.92	46.28	*	*	*	*	*	*
Oxen	304,155	4,859.75	1.60	533,796	18,378.45	3.44	312,857,648	704,741,964.93	2.25
AnimalsUsed for Threshing or Transportation									
Asses	138,413	3,999.74	2.89	168,099	5,196.08	3.09	34,935,995	114,318,849.44	3.27
Camels	411	129.94	31.62	456	140.05	30.72	1,021,213	31,759,282.38	31.10
Cattle	307,831	5,020.00	1.63	703,515	23,485.40	3.34	399,377,061	1,162,678,105.44	2.91
Horses	18,645	1,784.25	9.57	26,675	3,200.42	12.00	10,342,077	113,711,254.44	11.00
Mules	6,230	677.80	10.88	6,366	687.04	10.79	6,137,758	66,166,978.26	10.78
Storage Structure									
'Debiginits'	296,606	8,275.23	2.79	872,330	28,690.71	3.29	8,083,546	44,877,815.57	5.55
'Gotteras'	139,155	6,323.07	4.54	241,387	12,960.73	5.37	3,676,000	23,234,734.85	6.32
'Gudguads'	10,580	1,462.40	13.82	18,520	2,617.06	14.13	219,323	3,264,385.02	14.88
Modern Storages	1,138	305.58	26.86	2,686	759.22	28.26	56,992	1,898,341.02	33.31

ANNEX TABLE 8.3 Standard Errors and Coefficients of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, South Gonder Zone

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	303,091	5,669.83	1.87	531,229	17,046.59	3.21	2,774,097	9,945,462.57	3.59
'Gejeras'	6,756	1,265.15	18.73	8,176	1,747.36	21.37	50,627	1,086,955.44	21.47
Shovels	31,073	2,198.71	7.08	32,966	2,382.76	7.23	242,712	2,175,123.13	8.96
Used for Cultivation									
Hoes	10,652	3,122.16	29.31	16,077	4,904.33	30.51	43,751	1,287,307.64	29.42
'Mekeskeshas'	19,216	4,391.09	22.85	32,735	8,325.36	25.43	87,804	2,232,332.84	25.42
Pick Axes	63,572	6,248.36	9.83	87,606	10,041.34	11.46	504,628	4,868,980.12	9.65
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	295,798	5,127.49	1.73	624,350	18,628.42	2.98	1,319,442	4,194,412.84	3.18
'Erfes' (Handle)	295,765	5,056.57	1.71	565,079	15,441.08	2.73	814,629	2,796,427.98	3.43
Plough-Beams	299,433	5,160.13	1.72	580,602	12,858.90	2.21	2,630,112	9,661,713.06	3.67
Plough -Tips (Metal)	292,274	5,164.99	1.77	342,730	6,865.80	2.00	5,514,702	15,284,811.48	2.77
'Wegef' -Tips	290,919	5,187.84	1.78	315,269	5,920.34	1.88	1,145,353	2,851,707.39	2.49
Yokes	290,171	5,207.84	1.79	343,763	6,822.61	1.98	2,101,336	6,507,693.09	3.10
Used for Harvesting									
Sickles	337,092	4,992.59	1.48	788,254	16,223.98	2.06	2,883,224	9,419,443.41	3.27
Used for Threshing									
Hay-Forks (Metal)	5,342	729.89	13.66	6,421	976.19	15.20	51,908	1,301,990.63	25.08
Hay-Forks (Wood)	220,062	4,968.37	2.26	410,238	11,621.72	2.83	1,257,246	4,748,423.81	3.78
Threshing Sticks	17,635	2,605.39	14.77	25,491	3,545.41	13.91	36,877	710,198.98	19.26
Winnowers (Metal)	989	270.55	27.35	1,160	322.56	27.81	5,232	147,609.84	28.21
Winnowers (Wood)	120,031	4,381.56	3.65	137,651	5,342.35	3.88	770,782	3,772,649.49	4.89
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	1,068	298.10	27.92	1,587	434.58	27.39	*	*	*
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	2,634	865.95	32.88	2,990	966.04	32.31	1,174,213	43,945,778.17	37.43
Camels	-	-	-	-	-	-	-	-	-
Horses	*	*	*	*	*	*	*	*	*
Mules	*	*	*	*	*	*	*	*	*
Oxen	274,489	5,334.88	1.94	473,480	36,662.59	7.74	235,401,394	587,411,360.71	2.50
AnimalsUsed for Threshing or Transportation									
Asses	99,169	3,325.19	3.35	124,484	4,207.03	3.38	18,480,090	69,510,673.14	3.76
Camels	*	*	*	*	*	*	*	*	*
Cattle	288,447	5,349.44	1.85	803,106	61,628.93	7.67	353,072,047	1,074,376,314.12	20.50
Horses	12,763	2,426.21	19.01	13,983	2,700.20	19.31	5,123,950	105,052,844.56	14.74
Mules	8,714	1,300.21	14.92	9,875	1,524.09	15.43	7,380,702	108,814,401.44	3.04
Storage Structure									
'Debiginits'	315,893	8,054.85	2.55	986,931	30,450.86	3.09	5,480,323	28,479,834.46	5.20
'Gotteras'	101,575	7,427.09	7.31	205,993	22,873.38	11.10	1,688,866	18,989,148.18	11.24
'Gudguads'	7,621	2,309.54	30.30	12,342	3,143.15	25.47	161,473	5,869,794.43	36.35
Modern Storages	804	229.76	28.58	1,878	629.38	33.51	15,889	566,876.98	35.68

ANNEX TABLE 8.4:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, North Wollo Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	259,067	5,170.47	2.00	464,202	13,391.52	2.88	2,598,632	10,608,752.67	4.08
'Gejeras'	17,789	2,434.98	13.69	18,751	2,540.52	13.55	153,904	2,445,051.27	15.89
Shovels	86,163	4,541.32	5.27	91,433	5,682.10	6.21	643,025	4,014,533.01	6.24
Used for Cultivation									
Hoes	37,410	3,132.34	8.37	41,767	3,608.00	8.64	216,218	2,106,400.32	9.74
'Mekeskeshas'	3,715	1,028.04	27.68	4,352	1,118.41	25.70	54,935	1,537,096.78	27.98
Pick Axes	201,956	7,459.51	3.69	281,483	13,494.46	4.79	1,482,527	7,647,498.76	5.16
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	232,205	4,990.71	2.15	440,538	13,328.87	3.03	823,604	3,008,916.52	3.65
'Erfes' (Handle)	231,248	4,994.28	2.16	387,382	12,423.90	3.21	619,328	2,366,137.05	3.82
Plough-Beams.	235,601	4,977.85	2.11	364,557	8,877.33	2.44	3,887,793	12,728,577.03	3.27
Plough -Tips (Metal)	234,333	5,025.66	2.14	264,754	6,786.36	2.56	4,008,539	11,787,253.34	2.94
'Wegel' -Tips	234,416	4,945.16	2.11	263,470	6,241.23	2.37	1,089,938	3,027,503.05	2.78
Yokes	231,974	5,038.66	2.17	290,415	7,229.70	2.49	1,459,200	4,595,568.12	3.15
Used for Harvesting									
Sickles	277,490	4,835.19	1.74	578,482	12,020.05	2.08	2,526,315	9,443,645.07	3.74
Used for Threshing									
Hay-Forks (Metal)	2,902	454.29	15.66	3,609	627.33	17.38	20,366	368,301.52	18.08
Hay-Forks (Wood)	179,498	4,676.01	2.61	288,441	9,707.46	3.37	1,178,682	4,887,726.05	4.15
Threshing Sticks	75,244	5,501.10	7.31	136,460	10,617.17	7.78	156,198	1,330,046.66	8.52
Winnowers (Metal)	898	256.27	28.53	1,443	510.89	35.41	11,372	396,176.91	34.84
Winnowers (Wood)	144,424	4,323.19	2.99	163,983	5,370.35	3.27	1,379,195	5,182,955.76	3.76
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	552	179.40	32.48	911	305.16	33.48	2,584	89,922.63	34.80
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	-	-	-	-	-	-	-	-	-
Animals Used for Ploughing									
Asses	2,968	969.31	32.66	3,483	1,216.28	34.92	1,743,829	65,873,887.60	37.78
Camels	*	*	*	*	*	*	*	*	*
Horses	9,992	2,480.38	24.82	12,369	3,276.15	26.49	4,978,896	139,603,083.22	28.04
Mules	448	177.41	39.60	482	186.99	38.79	466,395	20,821,162.19	44.64
Oxen	205,467	5,052.67	2.46	330,232	15,919.58	4.82	193,616,341	631,100,279.92	3.26
Animals Used for Threshing or Transportation									
Asses	80,046	3,534.12	4.42	98,639	4,533.00	4.60	16,434,725	79,490,699.55	4.84
Camels	3,186	959.48	30.11	4,028	1,132.60	28.12	4,051,334	109,595,312.93	27.05
Cattle	225,575	5,057.18	2.24	525,763	30,298.00	5.76	280,048,832	1,031,662,540.27	3.68
Horses	18,122	3,107.29	17.15	24,776	4,841.94	19.54	10,057,965	201,116,449.14	20.00
Mules	6,209	847.63	13.65	6,357	909.94	14.31	6,237,020	88,269,379.99	14.15
Storage Structure									
'Debiginits'	248,011	6,330.35	2.55	706,121	22,487.04	3.18	4,250,341	30,177,157.10	7.10
'Gotteras'	90,606	7,112.51	7.85	183,952	25,534.10	13.88	2,140,463	22,623,902.58	10.57
'Gudguads'	77,644	5,152.42	6.64	100,711	7,601.97	7.55	2,119,075	18,869,077.24	8.90
Modern Storages	*	*	*	*	*	*	*	*	*

ANNEX TABLE 8.5: - Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, South Wollo Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	439,048	5,749.67	1.31	824,501	15,839.06	1.92	4,598,427	9,853,319.50	2.14
'Gejeras'	7,316	1,055.50	14.43	8,481	1,252.75	14.77	82,684	1,525,792.44	18.45
Shovels	110,653	3,690.40	3.34	120,292	4,221.56	3.51	1,029,157	4,051,369.44	3.94
Used for Cultivation									
Hoes	163,157	4,704.23	2.88	193,454	6,063.49	3.13	1,115,768	4,535,486.26	4.06
'Mekeskeshas'	4,661	609.16	13.07	4,983	642.26	12.89	55,503	996,999.81	17.96
Pick Axes	300,059	7,686.99	2.56	454,076	17,007.33	3.75	2,007,853	6,614,154.06	3.29
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	361,291	4,652.30	1.29	732,251	14,845.24	2.03	1,245,405	3,271,373.66	2.63
'Erfes' (Handle)	357,951	4,682.77	1.31	563,922	12,276.35	2.18	854,716	2,287,545.17	2.68
Plough-Beams	362,546	4,727.14	1.30	557,277	9,900.34	1.78	6,112,271	16,014,261.46	2.62
Plough -Tips (Metal)	359,827	4,746.00	1.32	383,214	5,398.61	1.41	6,268,152	12,652,066.53	2.02
'Wegel' -Tips	361,450	4,687.86	1.30	388,112	5,317.41	1.37	1,886,279	3,539,170.52	1.88
Yokes	360,309	4,709.32	1.31	421,924	6,234.23	1.48	2,678,442	6,280,590.34	2.34
Used for Harvesting									
Sickles	450,407	5,392.61	1.20	955,702	15,821.58	1.66	3,842,211	9,242,903.37	2.41
Used for Threshing									
Hay-Forks (Metal)	3,535	491.95	13.92	4,094	579.77	14.16	29,188	443,435.29	15.19
Hay-Forks (Wood)	294,356	4,995.86	1.70	478,323	10,304.39	2.15	2,246,990	7,260,479.01	3.23
Threshing Sticks	67,308	5,878.16	8.73	148,199	14,436.85	9.74	156,538	1,714,819.55	10.95
Winnowers (Metal)	967	211.36	21.87	1,138	274.59	24.14	13,046	356,252.17	27.31
Winnowers (Wood)	191,923	4,328.62	2.26	215,105	5,304.07	2.47	2,084,430	7,007,833.98	3.36
Other Farm Equipment									
Carts (Hauling)	295	135.01	45.81	*	*	*	*	*	*
Sprayers (Hand Operated)	1,042	223.96	21.50	1,881	436.37	23.20	10,654	297,675.15	27.94
Sprayers (Power Operated)	*	*	*	*	*	*	*	*	*
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	324	149.02	46.04	324	149.02	46.04	*	*	*
Animals Used for Ploughing									
Asses	2,701	1,017.76	37.68	3,144	1,150.56	36.59	1,049,941	34,317,119.77	32.68
Camels	-	-	-	-	-	-	-	-	-
Horses	4,411	1,281.66	29.06	4,989	1,482.06	29.71	1,477,051	43,436,363.61	29.41
Mules	*	*	*	*	*	*	*	*	*
Oxen	328,671	5,128.45	1.56	558,956	17,997.33	3.22	338,659,388	651,040,508.54	1.92
AnimalsUsed for Threshing or Transportation									
Asses	157,184	4,738.70	3.01	198,020	7,459.08	3.77	28,909,071	94,579,505.66	3.27
Camels	1,390	316.06	22.75	1,863	445.67	23.92	1,979,296	49,482,960.97	25.00
Cattle	358,043	5,750.50	1.61	830,572	20,453.83	2.46	458,738,33	1,011,431,754.4	2.20
Horses	31,081	2,809.74	9.04	35,912	3,279.88	9.13	12,162,729	108,642,729.24	8.93
Mules	18,217	1,630.29	8.95	20,148	1,894.69	9.40	16,493,706	148,587,176.53	9.01
Storage Structure									
'Debiginits'	338,301	8,215.07	2.43	882,414	37,662.69	4.27	4,050,065	19,993,730.52	4.94
'Gotteras'	231,958	7,604.88	3.28	439,536	20,862.55	4.75	5,217,073	34,371,385.31	6.59
'Gudguads'	101,844	5,733.91	5.63	126,156	8,135.06	6.45	2,488,664	18,252,396.63	7.33
Modern Storages	531	160.59	30.27	1,066	405.32	38.02	13,110	495,831.35	37.82

ANNEX TABLE 8.6:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, North Shewa (Amhara) Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	291,290	2,058.51	0.71	556,624	7,399.22	1.33	2,956,683	4,619,507.39	1.56
'Gejeras'	2,798	403.36	14.42	2,992	435.15	14.54	28,579	486,406.28	17.02
Shovels	73,480	2,038.09	2.77	76,587	2,225.42	2.91	607,205	2,154,177.88	3.55
Used for Cultivation									
Hoes	21,820	1,457.77	6.68	25,040	2,089.25	8.34	231,855	1,695,447.17	7.31
'Mekeskeshas'	6,291	1,067.72	16.97	7,573	1,527.93	20.18	54,803	963,114.70	17.57
Pick Axes	263,446	2,522.47	0.96	419,969	7,498.57	1.79	2,400,927	4,737,642.58	1.97
Tractors	70	34.20	48.67	88	42.24	48.26	*	*	*
Parts for traditional Plough									
'Degers'	250,988	2,048.04	0.82	442,340	6,615.89	1.50	920,281	1,914,670.56	2.08
'Erfes' (Handle)	249,397	2,053.56	0.82	408,354	5,584.92	1.37	497,721	1,065,390.01	2.14
Plough-Beams	252,590	2,081.39	0.82	414,706	4,659.79	1.12	3,708,816	7,703,165.21	2.08
Plough -Tips (Metal)	252,061	2,067.10	0.82	296,532	3,118.83	1.05	4,716,237	10,923,337.24	2.32
'Wegel' -Tips	251,352	2,074.51	0.83	292,996	3,175.13	1.08	1,152,669	1,825,679.82	1.58
Yokes	250,737	2,099.16	0.84	304,143	3,125.97	1.03	1,759,641	3,003,511.27	1.71
Used for Harvesting									
Sickles	300,307	1,942.02	0.65	698,017	7,796.39	1.12	3,072,758	4,649,686.56	1.51
Used for Threshing									
Hay-Forks (Metal)	9,624	1,061.81	11.03	11,866	1,410.55	11.89	173,383	2,272,354.53	13.11
Hay-Forks (Wood)	189,446	2,782.28	1.54	281,137	5,448.37	1.94	1,351,514	4,056,904.11	3.00
Threshing Sticks	26,582	2,240.46	8.43	55,813	5,612.44	10.06	48,876	481,922.74	9.86
Winnowers (Metal)	1,311	242.53	18.51	1,526	308.73	20.24	13,881	351,965.74	25.36
Winnowers (Wood)	138,255	2,151.58	1.56	148,124	2,507.16	1.69	1,363,298	3,238,897.79	2.38
Other Farm Equipment									
Carts (Hauling)	199	79.98	40.11	241	101.36	42.10	*	*	*
Sprayers (Hand Operated)	3,130	386.97	12.36	3,925	514.20	13.10	773,091	13,909,927.34	17.99
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	142	54.89	38.68	142	54.89	38.68	*	*	*
Animals Used for Ploughing									
Asses	857	217.92	25.42	878	222.58	25.36	268,860	7,781,317.77	28.94
Camels	-	-	-	-	-	-	-	-	-
Horses	2,404	550.43	22.89	2,502	575.28	23.00	766,642	18,667,425.21	24.35
Mules	163	66.68	40.87	185	77.39	41.81	129,924	5,413,290.77	41.67
Oxen	243,190	2,165.85	0.89	458,706	25,891.95	5.64	292,629,826	409,396,634.84	1.40
AnimalsUsed for Threshing or Transportation									
Asses	148,264	2,382.08	1.61	180,472	3,756.03	2.08	34,675,348	75,615,396.61	2.18
Camels	966	257.98	26.71	1,441	348.33	24.16	934,225	24,638,265.34	26.37
Cattle	258,341	2,201.03	0.85	641,292	16,064.34	2.50	382,882,978	615,820,271.93	1.61
Horses	18,281	1,437.98	7.87	23,866	2,486.29	10.42	5,933,840	54,354,816.17	9.16
Mules	5,575	483.35	8.67	5,612	484.87	8.64	4,584,252	57,498,115.75	12.54
Storage Structure									
'Debiginits'	170,337	3,431.42	2.01	316,833	7,684.07	2.43	988,121	4,056,831.90	4.11
'Gotteras'	228,260	3,772.63	1.65	479,512	11,078.24	2.31	7,448,901	28,762,408.08	3.86
'Gudguads'	45,029	2,291.44	5.09	53,511	2,869.39	5.36	1,518,189	11,941,278.91	7.87
Modern Storages	738	180.74	24.50	1,319	338.95	25.70	*	*	*

ANNEX TABLE 8.7:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, East Gojam Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	315,299	3,847.85	1.22	561,723	11,877.09	2.11	3,572,957	16,828,458.57	4.71
'Gejeras'	3,503	509.80	14.55	3,934	592.37	15.06	39,807	716,073.52	17.99
Shovels	27,499	1,731.35	6.30	28,732	1,883.43	6.56	293,620	2,089,744.87	7.12
Used for Cultivation									
Hoes	34,465	4,281.84	12.42	58,493	8,369.33	14.31	226,061	3,086,022.24	13.65
'Mekeskeshas'	13,438	2,237.23	16.65	21,285	3,658.46	17.19	98,906	2,024,005.82	20.46
Pick Axes	75,463	4,737.56	6.28	98,220	7,166.99	7.30	732,668	4,571,537.42	6.24
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	305,026	3,725.03	1.22	712,861	16,743.89	2.35	1,473,351	4,196,903.55	2.85
'Erfes' (Handle)	302,064	3,630.79	1.20	535,340	14,978.46	2.80	865,333	2,479,690.52	2.87
Plough-Beams	306,989	3,673.01	1.20	596,386	11,152.11	1.87	2,327,760	6,910,025.20	2.97
Plough -Tips (Metal)	299,591	3,753.00	1.25	357,955	5,910.05	1.65	7,916,657	16,904,271.89	2.14
'Wegel' -Tips	299,748	3,697.88	1.23	333,754	4,922.88	1.48	1,383,355	2,594,311.17	1.88
Yokes	301,627	3,712.45	1.23	361,336	5,804.32	1.61	2,467,273	5,769,934.36	2.34
Used for Harvesting									
Sickles	341,537	3,594.66	1.05	645,285	10,655.64	1.65	4,016,007	11,344,393.33	2.82
Used for Threshing									
Hay-Forks (Metal)	6,077	714.40	11.76	7,120	824.13	11.57	81,689	1,443,060.33	17.67
Hay-Forks (Wood)	236,800	3,820.97	1.61	407,120	9,060.86	2.23	1,036,967	3,141,546.88	3.03
Threshing Sticks	24,819	3,587.76	14.46	49,625	8,048.97	16.22	46,026	768,497.74	16.70
Winnowers (Metal)	881	202.31	22.98	881	202.31	22.98	6,250	218,272.61	34.93
Winnowers (Wood)	118,294	3,975.97	3.36	129,312	4,366.12	3.38	673,401	2,617,026.51	3.89
Other Farm Equipment									
Carts (Hauling)	212	99.92	47.21	212	99.92	47.21	*	*	*
Sprayers (Hand Operated)	1,074	208.85	19.44	1,319	287.07	21.77	153,438	5,696,019.68	37.12
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	1,364	387.27	28.40	1,901	584.94	30.76	648,360	18,425,962.10	28.42
Camels	-	-	-	-	-	-	-	-	-
Horses	3,557	1,063.71	29.90	4,049	1,236.81	30.55	1,619,201	51,250,240.63	31.65
Mules	*	*	*	*	*	*	*	*	*
Oxen	289,142	3,991.01	1.38	527,253	17,594.27	3.34	289,897.56	703,907,758.20	2.43
AnimalsUsed for Threshing or Transportation									
Asses	107,577	3,197.84	2.97	143,461	14,493.92	10.10	22,208,633	78,127,545.34	3.52
Camels	*	*	*	*	*	*	*	*	*
Cattle	287,042	4,938.83	1.72	720,428	23,025.04	3.20	368,409.75	1,144,644,893.70	3.11
Horses	24,387	2,547.55	10.45	35,284	6,866.05	19.46	10,594,797	108,732,719.87	10.26
Mules	4,673	901.70	19.29	5,108	995.40	19.49	3,365,611	61,870,258.11	18.38
Storage Structure									
'Debiginits'	294,789	6,348.48	2.15	696,470	26,833.73	3.85	7,195,223	46,033,582.36	6.40
'Gotteras'	123,484	7,094.86	5.75	229,140	16,420.02	7.17	2,913,933	25,569,332.03	8.77
'Gudguads'	29,918	3,458.44	11.56	40,543	4,649.55	11.47	770,766	9,939,553.29	12.90
Modern Storages	731	212.37	29.04	1,207	359.13	29.76	*	*	*

ANNEX TABLE 8.8:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, West Gojam Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	319,267	4,023.05	1.26	576,878	10,419.44	1.81	3,188,907	7,792,685.77	2.44
'Gejeras'	7,247	891.74	12.31	7,997	994.50	12.44	52,109	723,120.62	13.88
Shovels	32,534	1,826.10	5.61	34,239	1,990.82	5.81	353,769	2,529,088.30	7.15
Used for Cultivation									
Hoes	47,268	4,962.02	10.50	92,036	15,913.34	17.29	318,558	3,565,562.87	11.19
'Mekeskeshas'	6,570	1,542.40	23.48	11,461	2,984.42	26.04	49,270	1,394,674.15	28.31
Pick Axes	40,707	3,283.47	8.07	51,202	4,929.98	9.63	383,787	2,989,249.55	7.79
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	297,188	4,348.67	1.46	645,516	15,940.33	2.47	1,460,979	4,003,636.04	2.74
'Erfes' (Handle)	294,016	4,339.47	1.48	512,688	13,637.82	2.66	907,032	4,105,448.88	4.53
Plough-Beams.	298,951	4,342.89	1.45	619,388	11,954.19	1.93	1,950,755	5,496,382.25	2.82
Plough -Tips (Metal)	291,077	4,199.08	1.44	328,422	5,143.55	1.57	6,816,664	16,172,083.33	2.37
'Wegel' -Tips	291,300	4,214.42	1.45	321,801	5,052.76	1.57	1,159,022	2,558,494.72	2.21
Yokes	293,932	4,323.09	1.47	345,584	5,560.23	1.61	2,263,719	6,569,569.54	2.90
Used for Harvesting									
Sickles	329,684	4,430.84	1.34	617,237	11,638.34	1.89	4,431,701	17,916,735.83	4.04
Used for Threshing									
Hay-Forks (Metal)	4,010	527.37	13.15	5,280	761.41	14.42	22,746	516,374.73	22.70
Hay-Forks (Wood)	241,391	4,502.15	1.87	436,666	10,957.10	2.51	910,895	3,185,442.55	3.50
Threshing Sticks	6,966	1,512.65	21.71	11,181	2,140.75	19.15	*	*	*
Winnowers (Metal)	1,622	338.39	20.86	2,093	478.37	22.86	11,845	285,059.75	24.07
Winnowers (Wood)	115,360	4,576.53	3.97	142,888	6,015.55	4.21	613,789	2,747,683.51	4.48
Other Farm Equipment									
Carts (Hauling)	517	188.24	36.43	630	232.71	36.96	*	*	*
Sprayers (Hand Operated)	1,936	356.08	18.39	2,856	625.71	21.91	242,388	8,429,017.16	34.77
Sprayers (Power Operated)	*	*	*	*	*	*	*	*	*
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	835	235.87	28.24	1,116	367.03	32.90	457,749	17,785,699.25	38.85
Camels	-	-	-	-	-	-	-	-	-
Horses	5,775	1,338.49	23.18	7,944	2,142.94	26.97	2,713,047	71,627,008.73	26.40
Mules	784	351.12	44.81	821	355.96	43.35	515,479	24,479,279.11	47.49
Oxen	287,714	4,774.36	1.66	539,162	22,815.14	4.23	286,119,351	621,329,241.76	2.17
AnimalsUsed for Threshing or Transportation									
Asses	94,560	3,365.86	3.56	116,665	8,488.16	7.28	18,792,823	74,359,272.11	3.96
Camels	*	*	*	*	*	*	*	*	*
Cattle	301,100	4,737.17	1.57	936,376	39,679.23	4.24	430,033,519	1,133,895,071.27	2.64
Horses	11,240	1,713.00	15.24	14,400	2,468.34	17.14	4,858,669	83,317,176.33	17.15
Mules	6,319	927.53	14.68	6,632	983.43	14.83	4,236,054	65,688,193.55	15.51
Storage Structure									
'Debiginits'	341,949	5,894.57	1.72	1,110,660	21,914.61	1.97	9,497,079	70,167,686.08	7.39
'Gotteras'	26,242	3,962.49	15.10	47,847	9,724.74	20.32	610,847	13,832,378.96	22.64
'Gudguads'	1,986	380.16	19.14	6,396	1,483.30	23.19	48,051	1,359,840.75	28.30
Modern Storages	*	*	*	*	*	*	*	*	*

ANNEX TABLE 8.9.- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Waghamra Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	60,358	2,030.53	3.36	87,019	4,143.87	4.76	743,205	4,637,164.58	6.24
'Gejeras'	50,430	2,174.45	4.31	55,076	2,493.19	4.53	446,964	2,842,124.39	6.36
Shovels	10,442	1,497.53	14.34	12,150	2,103.93	17.32	136,409	2,647,680.04	19.41
Used for Cultivation									
Hoes	7,802	1,687.76	21.63	9,058	1,945.36	21.48	69,466	1,750,905.04	25.21
'Mekeskeshas'	1,417	414.90	29.28	2,560	886.40	34.62	12,622	401,980.12	31.85
Pick Axes	42,532	2,887.99	6.79	52,754	4,265.15	8.08	359,051	3,514,920.47	9.79
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	62,765	1,739.73	2.77	134,406	8,199.73	6.10	312,133	2,995,888.06	9.60
'Erfes' (Handle)	62,153	1,733.83	2.79	114,809	5,675.07	4.94	246,437	1,847,363.22	7.50
Plough-Beams	62,559	1,704.57	2.72	94,430	3,870.67	4.10	935,864	7,444,443.91	7.95
Plough -Tips (Metal)	62,046	1,759.12	2.84	74,658	2,901.40	3.89	1,292,733	7,786,847.26	6.02
'Wegel' -Tips	62,110	1,782.39	2.87	76,007	3,481.71	4.58	377,300	2,780,209.53	7.37
Yokes	62,112	1,753.80	2.82	84,636	3,324.26	3.93	524,217	3,861,978.42	7.37
Used for Harvesting									
Sickles	71,314	1,337.02	1.87	139,069	4,992.11	3.59	1,052,162	6,518,160.73	6.20
Used for Threshing									
Hay-Forks (Metal)	836	168.98	20.20	1,267	288.28	22.74	7,952	190,678.64	23.98
Hay-Forks (Wood)	57,111	1,888.94	3.31	109,546	4,850.42	4.43	439,954	3,151,787.05	7.16
Threshing Sticks	7,351	1,814.57	24.68	18,052	5,449.61	30.19	24,357	630,105.97	25.87
Winnowers (Metal)	242	105.55	43.66	242	105.55	43.66	1,082	50,537.30	46.70
Winnowers (Wood)	37,080	2,191.63	5.91	45,186	3,043.25	6.73	314,793	2,775,595.87	8.82
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	*	*	*	152	74.71	49.17	*	*	*
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	-	-	-	-	-	-	-	-	-
Animals Used for Ploughing									
Asses	392	158.65	40.51	487	219.78	45.16	139,105	6,799,541.92	48.88
Camels	*	*	*	*	*	*	*	*	*
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	52,877	1,566.14	2.96	93,238	7,711.84	8.27	49,213,157	209,967,838.82	4.27
AnimalsUsed for Threshing or Transportation									
Asses	21,958	1,709.66	7.79	28,552	2,570.20	9.00	5,895,241	69,741,305.58	11.83
Camels	-	-	-	-	-	-	-	-	-
Cattle	54,934	1,585.76	2.89	159,477	22,380.03	14.03	106,080,773	3,790,336,684.53	35.73
Horses	153	70.37	46.12	*	*	*	*	*	*
Mules	2,488	593.67	23.86	2,744	725.20	26.43	2,445,868	71,015,826.02	29.04
Storage Structure									
'Debiginits'	53,196	2,591.46	4.87	130,142	8,760.88	6.73	738,900	6,248,780.82	8.46
'Gotteras'	43,077	2,707.49	6.29	71,233	5,614.07	7.88	1,104,513	12,127,441.02	10.98
'Gudguads'	*	*	*	*	*	*	*	*	*
Modern Storages	78	35.09	44.99	121	58.69	48.53	963	45,034.40	46.77

ANNEX TABLE 8.10:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Awi Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	132,585	3,391.13	2.56	245,661	7,973.56	3.25	1,523,104	5,998,383.36	3.94
'Gejeras'	7,763	1,407.36	18.13	8,166	1,518.02	18.59	44,134	783,541.77	17.75
Shovels	21,656	1,301.40	6.01	22,003	1,340.18	6.09	229,936	1,768,472.99	7.69
Used for Cultivation									
Hoes	20,032	3,227.86	16.11	34,179	7,044.54	20.61	106,682	1,907,503.17	17.88
'Mekeskeshas'	4,018	1,023.73	25.48	5,818	1,564.70	26.89	12,869	295,771.24	22.98
Pick Axes	16,482	1,392.85	8.45	18,025	1,605.74	8.91	132,557	1,247,788.89	9.41
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	117,265	3,058.18	2.61	229,128	7,739.54	3.38	403,042	1,628,304.34	4.04
'Erfes' (Handle)	116,307	3,181.46	2.74	194,944	20,610.32	10.57	185,077	923,895.48	4.99
Plough-Beams	117,698	3,073.81	2.61	193,637	5,984.56	3.09	553,725	2,636,095.95	4.76
Plough -Tips (Metal)	117,493	3,093.58	2.63	136,795	3,749.88	2.74	1,750,915	7,623,890.37	4.35
'Wegel' -Tips	118,191	3,122.89	2.64	137,980	3,789.20	2.75	400,407	1,570,619.54	3.92
Yokes	116,443	2,950.43	2.53	149,501	4,097.32	2.74	417,368	1,801,776.09	4.32
Used for Harvesting									
Sickles	138,607	3,279.80	2.37	320,313	8,208.77	2.56	1,234,157	10,260,260.83	8.31
Used for Threshing									
Hay-Forks (Metal)	1,611	314.45	19.52	2,312	463.43	20.04	10,062	267,736.64	26.61
Hay-Forks (Wood)	101,510	2,564.03	2.53	199,967	6,936.93	3.47	329,467	1,801,533.92	5.47
Threshing Sticks	2,304	742.86	32.25	3,450	1,108.80	32.14	5,695	147,466.58	25.89
Winnowers (Metal)	140	69.17	49.24	140	69.17	49.24	*	*	*
Winnowers (Wood)	10,643	1,623.87	15.26	14,952	2,480.87	16.59	48,754	1,154,071.20	23.67
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	214	86.71	40.48	319	136.20	42.63	*	*	*
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	*	*	*	*	*	*	*	*	*
Wheelbarrows	-	-	-	-	-	-	-	-	-
Animals Used for Ploughing									
Asses	6,152	1,495.31	24.31	8,408	2,144.18	25.50	2,794,959	73,135,520.50	26.17
Camels	-	-	-	-	-	-	-	-	-
Horses	23,142	2,199.69	9.51	40,319	4,045.30	10.03	12,879,812	137,677,575.44	10.69
Mules	453	143.01	31.56	481	149.83	31.12	316,902	9,589,916.00	30.26
Oxen	88,050	3,149.84	3.58	170,045	9,159.19	5.39	87,353,288	405,873,975.98	4.65
AnimalsUsed for Threshing or Transportation									
Asses	23,385	1,713.06	7.33	29,621	2,337.86	7.89	5,174,949	39,273,152.22	7.59
Camels	-	-	-	-	-	-	-	-	-
Cattle	110,186	2,893.03	2.63	360,574	31,130.16	8.63	153,317,794	731,680,890.14	4.77
Horses	31,246	2,597.04	8.31	57,311	6,811.46	11.89	16,706,263	151,540,867.25	9.07
Mules	2,275	444.27	19.53	2,530	502.00	19.85	1,756,446	38,432,958.78	21.88
Storage Structure									
'Debiginits'	127,643	3,996.98	3.13	382,077	15,435.75	4.04	2,460,344	12,092,427.75	4.91
'Gotteras'	27,305	4,328.05	15.85	49,668	8,766.09	17.65	427,107	8,240,071.80	19.29
'Gudguads'	824	278.42	33.80	1,428	435.91	30.52	7,124	273,082.50	38.33
Modern Storages	456	183.92	40.29	918	378.06	41.17	*	*	*

ANNEX TABLE 8.11:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Oromia Zone

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	66,758	1,620.48	2.43	128,415	3,988.14	3.11	627,875	2,626,583.49	4.18
'Gejeras'	2,932	336.20	11.47	3,007	341.45	11.35	30,690	448,794.93	14.62
Shovels	19,278	1,094.04	5.68	20,403	1,204.51	5.90	178,877	1,107,651.23	6.19
Used for Cultivation									
Hoes	33,963	2,013.61	5.93	43,389	2,742.46	6.32	269,531	1,954,454.02	7.25
'Mekeskeshas'	1,137	282.78	24.87	1,423	334.09	23.48	11,034	380,946.17	34.52
Pick Axes	44,127	1,847.89	4.19	57,037	2,796.12	4.90	300,286	2,184,922.10	7.28
Tractors	.	.	.	.	.	.	.	.	.
Parts for traditional Plough									
'Degers'	52,852	1,588.41	3.01	95,108	4,740.20	4.98	183,726	981,319.19	5.34
'Erfes' (Handle)	52,448	1,616.71	3.08	74,616	4,296.64	5.76	85,348	726,143.49	8.51
Plough-Beams	52,605	1,560.60	2.97	66,208	2,116.80	3.20	972,016	4,857,610.68	5.00
Plough -Tips (Metal)	53,038	1,604.89	3.03	57,267	1,823.58	3.18	909,904	4,691,373.75	5.16
'Wegel' -Tips	52,873	1,622.82	3.07	57,171	1,789.24	3.13	234,870	962,529.78	4.10
Yokes	52,951	1,645.78	3.11	61,381	2,048.24	3.34	349,394	1,870,679.01	5.35
Used for Harvesting									
Sickles	66,575	1,545.58	2.32	129,849	3,869.85	2.98	606,477	3,024,936.16	4.99
Used for Threshing									
Hay-Forks (Metal)	442	120.95	27.39	582	182.53	31.37	3,746	119,032.29	31.77
Hay-Forks (Wood)	26,212	1,528.58	5.83	43,630	3,300.04	7.56	115,019	958,909.52	8.34
Threshing Sticks	11,321	1,580.80	13.96	49,524	6,858.93	13.85	38,140	605,105.37	15.87
Winnowers (Metal)	172	57.66	33.60	283	139.88	49.42	2,128	84,150.08	39.55
Winnowers (Wood)	22,461	1,409.73	6.28	30,861	2,079.37	6.74	246,189	1,988,954.51	8.08
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	168	51.61	30.79	205	71.14	34.68	*	*	*
Sprayers (Power Operated)	.	.	.	.	.	.	.	.	.
Tying Tools	.	.	.	.	.	.	.	.	.
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	*	*	*	*	*	*	*	*	*
Camels	.	.	.	.	.	.	.	.	.
Horses	.	.	.	.	.	.	.	.	.
Mules	.	.	.	.	.	.	.	.	.
Oxen	48,258	1,637.65	3.39	84,188	3,481.85	4.14	59,418,703	259,105,357.77	4.36
AnimalsUsed for Threshing or Transportation									
Asses	15,887	1,177.04	7.41	17,485	1,301.35	7.44	3,274,250	24,922,481.79	7.61
Camels	2,956	352.94	11.94	4,266	534.52	12.53	4,135,509	51,596,540.16	12.48
Cattle	48,634	1,594.44	3.28	95,659	4,576.12	4.78	64,290,245	286,127,920.53	4.45
Horses	.	.	.	.	.	.	.	.	.
Mules	196	72.81	37.21	196	72.81	37.21	103,852	4,063,785.94	39.13
Storage Structure									
'Debiginits'	15,400	1,878.47	12.20	23,538	3,102.49	13.18	113,609	1,576,378.11	13.88
'Gotteras'	19,048	1,776.93	9.33	22,658	2,184.29	9.64	417,661	5,007,007.11	11.99
'Gudguads'	48,035	2,213.52	4.61	53,167	2,719.98	5.12	1,517,019	11,084,774.64	7.31
Modern Storages	*	*	*	*	*	*	*	*	*

Implements, Equipment, Draught animals and Storage facilities	Remarks
Used for Clearing Land	
Axes	
Dibbles	
Shovels	
Used for Cultivation	
Hoes	
Mattocks	
Picks/Adzes	
Tractors	
Tools for Weeding/Ploughing	
Diggers	
Forks (Hoes)	
Plough-Beams	
Plough-Tips (Metal)	
Ploughs, Tips	
Rakes	
Used for Harvesting	
Sickles	
Used for Threshing	
Clay Pots (Metal)	
Hay-Forks (Wood)	
Threshing Sticks	
Winnowers (Metal)	
Winnowers (Wood)	
Other Farm Implements	
Carts (Hauling)	
Sprayers (Hand Operated)	
Sprayers (Power Operated)	
Tying Tools	
Wheelbarrows	
Animals Used for Ploughing	
Asses	
Camels	
Horses	
Mules	
Oxen	
Chemicals Used for Threshing or Pest Control	
Axes	
Cutlasses	
Cattle	
Ploughs	
Mules	
Storage Structures	
Cribs/grain	
Godowns	
Granaries	
Modern Stores	

APPENDIXES

APPENDI X I - Estimation Procedures of Totals , Ratios and Sampling Errors

APPENDIX II - Number of EAs and Agricultural Households Sampled and Covered by Wereda

APPENDIX III - Census Questionnaires

APPENDIX I:

Estimation Procedures of Totals, Ratios and Sampling Errors

The following formulas were used to estimate total land under specific crop, production and yield of specific crop, and totals (for other variables) in a stratum (Wereda).

1. Estimation of Total Area of Land under Specific Crop:

$$\hat{A}_h = \sum_{i=1}^{n_h} W_{hi} a_{hi}$$

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

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the h^{th} stratum.

M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame.

m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.

H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum.

h_{hi} is number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum.

a_{hi} is the sample total of values of area in the i^{th} EA in the h^{th} stratum under a specific crop.

$\hat{A}_h$ is estimate of total area under specific crop in the h^{th} stratum.

2. Estimation of Total Production:

$$\hat{P}_h = \sum_{i=1}^{n_h} W_{hi} P_{hi}$$

in which, $P_{hi} = a_{hi} * \overline{Y}_{hi}$

Where, $\overline{Y}_{hi}$ is average yield per square meter of a specific crop in the i^{th} EA in the h^{th} stratum as defined in the table below for different crops.

Crop	Formula for $\bar{Y}_{hi}$
Cereals, pulses, oilseeds, chat and coffee	$\bar{Y}_{hi}=\frac{Y_{hi}}{16C_{hi}}$
Pineapple	$\bar{Y}_{hi}=\frac{Y_{hi}}{4C_{hi}}$
Root-crops and vegetables (broadcast type), and sugar cane	$\bar{Y}_{hi}=\frac{Y_{hi}}{C_{hi}}$
Root-crops and vegetables (row type)	$\bar{Y}_{hi}=\frac{Y_{hi}}{d_{hi}\cdot C_{hi}}$
Other permanent crops	$\bar{Y}_{hi}=\frac{Y_{hi}}{b_{hi}\cdot C_{hi}}$

Where, d_{hi} is average sample area of root crop or vegetable (row type) used for crop-cutting in the i^{th} EA in the h^{th} stratum, or $d_{hi}=\frac{r}{n-1}$

r is distance measured from Row 1 to Row n in meter.

n is number of rows ($2 \le n \le 5$).

b_{hi} is average area of a fruit bearing tree in the i^{th} EA in the h^{th} stratum.

Y_{hi} is sampled total of production of a specific crop from defined area of land for crop cutting of crop in the i^{th} EA in the h^{th} stratum.

C_{hi} is number of crop cutting of a specific crop in the i^{th} EA in the h^{th} stratum.

$\bar{Y}_{hi}$ is average yield per square meter of a specific crop in the i^{th} EA in the h^{th} stratum.

P_{hi} is estimate of total production of a specific crop in the i^{th} EA in the h^{th} stratum.

$\hat{P}_h$ is estimate of total production quantity of a specific crop in the h^{th} stratum.

3. Estimate of Yield of a Specific Crop in Stratum h is given by:

$$\hat{\bar{Y}}_h=\frac{\hat{P}_h}{\hat{A}_h}$$

4. Estimation of Totals (Livestock, Agricultural practices, etc.)

$$\hat{y}_h = \sum_{i=1}^{m_h} \frac{M_{hi} H_{hi}}{n_{hi} h_{hi}} \hat{y}_{hi}$$

5. Sampling Variance of Estimates:

Sampling variance of estimate of stratum total of area, production and yield for a specific crop, and totals for other variables are estimated by the following formulas, respectively.

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

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

$$Var(\hat{Y}_h) = \frac{1}{\hat{A}_h^2} [Var(\hat{P}_h) + \hat{Y}_h^2 Var(\hat{A}_h) - 2\hat{Y}_h Cov(\hat{P}_h, \hat{A}_h)]$$

Where, $Cov(\hat{P}_h, \hat{A}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} (\hat{A}_{hi} - \frac{\hat{A}_h}{n_h})(\hat{P}_{hi} - \frac{\hat{P}_h}{n_h})$

$$+ f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right) \left(\hat{P}_{hij} - \frac{\hat{P}_{hi}}{h_{hi}} \right).$$

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

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

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

Since all strata are independent, the total variance at zonal and regional is computed by aggregating the result obtained at wereda level, i.e.

$$Var(\hat{Y}) = \sum_{h}^{L} Var(\hat{Y}_h), Var(\hat{P}) = \sum_{h}^{L} Var(\hat{P}_h) \text{ and } Var(\hat{A}) = \sum_{h}^{L} Var(\hat{A}_h)$$

Where, L is the number of strata (Weredas).

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

6. Coefficient of Variation (CV) of Estimates:

Coefficient of Variation (CV), in percentage, of estimate of stratum total of area, production and yield for a specific crop (other totals) are given respectively by:

$$CV(\hat{A}_h) = \frac{\sqrt{Var(\hat{A}_h)}}{\hat{A}_h} * 100$$

$$CV(\hat{P}_h) = \frac{\sqrt{Var(\hat{P}_h)}}{\hat{P}_h} * 100$$

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

7. Ninety-five percent confidence interval (CI) of stratum total is:

$$\hat{Y}_h \pm 1.96 * S.E(\hat{Y}_h)$$

Where, $S.E(\hat{Y}_h) = \sqrt{Var(\hat{Y}_h)}$

APPENDIX II

NUMBER OF EA's AND AGRICULTURAL HOUSEHOLDS SAMPLED AND COVERED BY WEREDA (RURAL)

ZONE	WEREDA	EA's		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
NORTH GONDER	ADDI ARKAY	25	25	750	748
	BEYEDA	25	25	750	746
	JANAMORA	25	25	750	750
	DEBARK	25	25	750	750
	DABAT	25	25	750	749
	SANJA	25	25	750	749
	LAY ARMACHEHO	25	25	750	749
	WEGERA	25	24	750	719
	GONDER ZURIA	25	25	750	750
	DEMBIA	25	25	750	749
	CHILGA	25	25	750	745
	METEMA	25	23	750	689
	QUARA	25	23	750	689
	ALEFA	25	24	750	719
	BELESA	25	25	750	750
	ZONE TOTAL	**375**	**369**	**11250**	**11051**
SOUTH GONDER	EBINAT	25	25	750	750
	KEMKEM	25	25	750	748
	FOGERA	25	25	750	749
	FARTA	25	25	750	750
	LAY GAYINT	25	24	750	719
	TACH GAYINT	25	25	750	750
	SIMADA	25	25	750	740
	ESTIE	25	25	750	750
	DERA	25	25	750	749
	ZONE TOTAL	**225**	**224**	**6750**	**6705**

(CONT.)

ZONE	WEREDA	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
NORTH WOLLO	BUGNA	25	25	750	749
	KOBO	25	25	750	750
	GIDAN	25	25	750	749
	MEKET	25	25	750	750
	WADLA	25	25	750	750
	DAWUNTNA DELANTA	25	25	750	750
	GUBA LAFTO	25	25	750	750
	HABRU	25	25	750	750
	ZONE TOTAL	**200**	**200**	**6000**	**5998**
SOUTH WOLLO	MEKDELA	25	25	750	750
	TENTA	25	25	750	750
	KUTA BER	25	25	750	747
	AMBASEL	25	25	750	748
	TEHULADERE	25	25	750	749
	WERA BABU	25	25	750	750
	KALU	25	24	750	718
	DESSIE ZURIA	25	25	750	750
	LEGAMBO	25	25	750	749
	SAYINT	25	25	750	749
	DEBRESINA	25	24	750	720
	KELALA	25	25	750	750
	JAMA	25	25	750	750
	WERA ILU	25	25	750	750
	WEGDI	25	25	750	749
	ZONE TOTAL	**375**	**373**	**11250**	**11179**

(CONT.)

ZONE	WEREDA	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
NORTH SHEWA	MIDANA WEREMO	25	25	750	750
	MERHABETE	25	25	750	740
	INSARONA WAYU	25	25	750	748
	MORETNA JIRU	25	25	750	750
	GERA KEYA	25	25	750	749
	GISHE	25	25	750	748
	ANTSOKIYA GEMZA	25	25	750	750
	EFRATANA GIDIM	25	25	750	750
	LALO MIDIR	25	25	750	750
	MOJANA WADERA	25	25	750	750
	TARMA BER	25	25	750	749
	KEWET	25	25	750	748
	ASAGIRT	25	25	750	750
	ANGOLALANA TERA	25	25	750	750
	ANKOBER	25	25	750	750
	HAGERE MARIAM	25	25	750	749
	BEREHET	25	22	750	660
	MINJARNA SHENKORA	25	24	750	718
	BASONA WORANA	25	25	750	750
	ZONE TOTAL	**475**	**471**	**14250**	**14109**
EAST GOJAM	BIBUGN	25	25	750	750
	HULET EJ ENESSE	25	25	750	750
	GONCHA SISO ENESSIE	25	25	750	750
	ENEBSIE SAR MIDIR	25	25	750	750
	ENARJ ENAWUGA	25	25	750	750
	ENEMAY	25	25	750	750
	DEBAY TELATGIN	25	24	750	720
	MACHAKEL	25	25	750	749
	GOZAMIN	25	25	750	750
	BASO LIBEN	25	25	750	749
	AWABEL	25	24	750	719
	DEJEN	25	25	750	749

(CONT.)

ZONE	WEREDA	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
	SHEBEL BERENTA	25	23	750	690
	ZONE TOTAL	**325**	**321**	**9750**	**9626**
WEST GOJAM	ACHEFER	25	25	750	750
	BAHIR DAR ZURIA	25	25	750	750
	YILMANA DENSA	25	25	750	750
	MERAWI	25	25	750	749
	SEKELA	25	25	750	750
	QUARIT	25	24	750	720
	DEGA DAMOT	25	25	750	748
	DEMBECHA	25	25	750	750
	JABI TEHNAN	25	23	750	690
	BURE WEMBERMA	25	25	750	750
	ZONE TOTAL	**250**	**247**	**7500**	**7407**
WAG-HAMRA	ZIKUALA	25	25	750	750
	SEKOTA	25	25	750	749
	DEHANA	25	25	750	750
	ZONE TOTAL	**75**	**75**	**2250**	**2249**
AWI	DANGELA	25	25	750	750
	BANJA	25	25	750	749
	ANKESHA	25	25	750	749
	GUANGUA	25	25	750	749
	FAGETA LEKOMA	25	25	750	750
	ZONE TOTAL	**125**	**125**	**3750**	**3747**
OROMIA ZONE	CHEFE GOLA DAWE	25	25	750	750
	BATI	25	25	750	749
	JILE TIMUGA	25	25	750	748
	ARTUMA FURSI	25	24	750	719
	ZONE TOTAL	**100**	**99**	**3000**	**2966**
	REGION TOTAL	**2525**	**2504**	**75750**	**75037**

NUMBER OF EA's AND AGRICULTURAL HOUSEHOLDS SAMPLED AND COVERED BY WEREDA (URBAN)

ZONE	WEREDA	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
NORTH GONDER	ADDI ARKAY	10	10	296	296
	BEYEDA	2	2	59	59
	JANAMORA	3	3	90	90
	DEBARK	16	16	403	403
	DABAT	6	6	180	180
	SANJA	3	3	90	86
	LAY ARMACHEHO	6	6	153	150
	WEGERA	11	11	320	319
	GONDER ZURIA	14	14	420	420
	DEMBIA	25	25	695	693
	CHILGA	9	9	259	258
	METEMA	22	22	599	595
	QUARA	1	1	30	30
	ALEFA	14	14	417	417
	BELESA	5	5	150	150
	GONDER TOWN	25	22	597	512
	ZONE TOTAL	**172**	**169**	**4758**	**4658**
SOUTH GONDER	EBINAT	7	7	148	148
	KEMKEM	22	22	653	652
	FOGERA	21	21	594	594
	FARTA	6	6	180	180
	LAY GAYINT	14	14	419	419
	TACH GAYINT	3	3	90	90
	SIMADA	6	6	180	180
	ESTIE	13	13	366	366
	DERA	16	16	480	479
	DEBRE TABOR	20	20	534	534
	ZONE TOTAL	**128**	**128**	**3644**	**3642**

(CONT.)

ZONE	WEREDA	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
NORTH WOLLO	BUGNA	11	11	310	310
	KOBO	25	25	735	735
	GIDAN	6	6	180	180
	MEKET	6	6	180	180
	WADLA	2	2	60	60
	DAWUNTNA DELANTA	5	5	150	150
	HABRU	17	17	510	510
	WOLDIYA	14	8	364	196
	ZONE TOTAL	**86**	**80**	**2489**	**2321**
SOUTH WOLLO	MEKDELA	3	3	90	90
	TENTA	11	11	330	330
	KUTA BER	3	3	90	90
	AMBASEL	5	5	150	150
	TEHULADERE	16	15	460	432
	WERA BABU	6	6	180	180
	KALU	12	12	360	360
	DESSIE ZURIA	6	6	180	180
	LEGAMBO	6	6	180	180
	SAYINT	4	4	120	120
	DEBRESINA	9	9	238	238
	KELALA	6	6	180	180
	JAMA	6	6	180	180
	WERA ILU	15	15	440	425
	WEGDI	3	3	90	90
	KOMBOLCHA	12	12	291	291
	DESSIE TOWN	25	25	455	453
	ZONE TOTAL	**148**	**147**	**4014**	**3969**

(CONT)

ZONE	WEREDA	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
NORTH SHEWA	MIDANA WEREMO	7	7	207	207
	MERHABETE	13	13	382	382
	INSARONA WAYU	8	8	239	239
	MORETNA JIRU	8	8	240	240
	GERA KEYA	6	6	180	180
	GISHE	2	2	60	60
	ANTSOKIYA GEMZA	12	12	358	358
	EFRATANA GIDIM	17	17	507	507
	LALO MIDIR	6	6	180	180
	MOJANA WADERA	2	2	60	60
	TARMA BER	12	12	360	360
	KEWET	18	18	500	500
	ASAGIRT	2	2	60	60
	ANGOLALANA TERA	5	5	150	150
	ANKOBER	6	6	180	180
	HAGERE MARIAM	3	3	90	90
	BEREHET	2	2	53	53
	MINJARNA SHENKORA	11	11	323	321
	DEBRE BERHAN	25	25	718	717
	ZONE TOTAL	**165**	**165**	**4847**	**4844**
EAST GOJAM	BIBUGN	2	2	60	60
	HULET EJ ENESSIE	24	24	619	619
	GONCHA SISO ENESSIE	5	5	150	150
	ENEBSIE SAR MIDIR	11	11	286	286
	ENARJ ENAWUGA	12	12	332	331
	ENEMAY	18	18	456	456
	DEBAY TELATGIN	3	3	90	90
	MACHAKEL	15	15	405	405
	GOZAMIN	5	5	150	150
	BASO LIBEN	4	4	120	120
	AWABEL	12	12	305	288
	DEJEN	11	11	309	309
	DEBRE MARKOS	25	25	712	711

(CONT.)

	ZONE	EAs		HOUSEHOLDS	
		SAMPLED	COVERED	SAMPLED	COVERED
	SHEBEL BERENTA	2	2	60	60
	ZONE TOTAL	**149**	**149**	**4054**	**4035**
WEST GOJAM	ACHEFER	17	17	504	504
	BAHIR DAR ZURIA	10	10	300	300
	YILMANA DENSA	14	14	386	386
	MERAWI	14	14	420	420
	SEKELA	3	3	90	90
	QUARIT	3	3	90	90
	DEGA DAMOT	3	3	90	90
	DEMBECHA	17	17	504	504
	JABI TEHNAN	25	25	716	716
	BURE WEMBERMA	23	23	620	620
	ZONE TOTAL	**129**	**129**	**3720**	**3720**
WAG-HAMRA	ZIKUALA	1	1	30	30
	SEKOTA	11	11	286	286
	DEHANA	3	3	81	81
	ZONE TOTAL	**15**	**15**	**397**	**397**
AWI	DANGELA	22	22	626	626
	BANJA	11	11	328	327
	ANKESHA	9	9	270	270
	GUANGUA	25	25	735	734
	FAGETA LEKOMA	6	6	180	180
	ZONE TOTAL	**73**	**73**	**2139**	**2137**
OROMIA ZONE	CHEFE GOLA DAWE	13	13	319	319
	BATI	10	10	233	233
	JILE TIMUGA	4	4	120	120
	ARTUMA FURSI	6	6	180	179
	ZONE TOTAL	**33**	**33**	**852**	**851**
	BAHIR DAR ZONE	**25**	**25**	**741**	**738**
	REGION TOTAL	**1123**	**1113**	**31655**	**31312**

APPENDIX III

Rural

FORM EASE -R- 94/2

Ethiopian Agricultural Sample Enmeration- Socio Economic characteristics of Population in Agricultural Households - 2001 /2002 (1994 E.C.)

PART I- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7
Region	Zone	Wereda		Farmers' Association	Enumeration Area	Household ID Number

PART II - DEMOGRAPHIC CHARACTERISTICS OF EACH MEMBER OF THE AGRICULTURAL HOUSEHOLD (STARTING WITH THE HEAD OF THE HOUSEHOLD)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
								5 YEARS AND ABOVE		10 YEARS AND ABOVE			
SR. NO.	FULL NAME	IS MEMEBER OF THE HOUSEHOLD A HOLDER Yes =1 No =2	If Column 3, Code 1: HOLDER ID	If Column 3, Code 1: TYPE OF HOLDING CROP =1 LIVESTOCK =2 BOTH =3	SEX MALE = 1 FEMALE = 2	RELATION TO THE HEAD OF HOUSEHOLD	AGE (IN COMP-LETED YEARS)	EDUCATIONAL ATTAINMENT (Highest Grade Completed)	MARITAL STATUS NEVER MARRIED = 1 CURRENTLY MARRIED= 2 DIVORCED = 3 WIDOWED = 4	WERE YOU ENGAGED IN ECONOMIC ACTIVITY DURING THE LAST 12 MONTHS? Yes =1 No =2	IF NOT ENGAGED (IN COL. 11 COD2 ECOMOMIC ACTIVITY WHAT WAS THE MAIN REASON? STUDENT =1 HOME MAKERS =2 HANDICAP =3 OLD AGE/PENSION =4 OTHERS =5	IF ENGAGED IN ECONOMIC ACTIVITY WHAT WAS THE MAJOR ACTIVITY? FULLY AGRICULTURE = 1 PARTLY AGRICULTURE = 2 Fully in others =3	IF IN COLUMN 13, CODE 1 OR 2, EMPLOYMENT STATUS EMPLOYER =1 OWN-ACCOUNT WORKER = 1 EMPLOYEE =3 UNPAID FAMILY WORKER = 4 OTHERS =5
			code	code	Code	Code		Code	Code	Code	Code	Code	Code
0	1												
0	2												
0	3												
0	4												
0	5												
0	6												
0	7												
0	8												
0	9												
1	0												

Code	
Head	= 1
Spouse	= 2
Son/Daughter of head & spouse	= 3
Son/Daughter of head	= 4
Son/Daughter of spouse	= 5
Mother/Father of head/spouse	= 6
Sister/Brother of head/spouse	= 7
Other relatives	= 8
Non relatives	= 9

Code	
Illiterate	= 1
Informal Education	= 2
Grade 1 Completed	= 3
Grade 2 Completed	= 4
Grade 3 Completed	= 5
Grade 4 Completed	= 6
Grade 5 Completed	= 7
Grade 6 Completed	= 8
Grade 7 Completed	= 9
Grade 8 Completed	= 10
Grade 9 Completed	= 11
Grade 10 Completed	= 12
Grade 11 Completed	= 13
Grade 12 Completed	= 14
Grade 12 +	= 15

Form EASE-94/3A

RURAL

Ethiopian Agricultural Sample Enumeration

List of Fields Under Temporary Crops (Including Vegetables and Root Crops) and Agricultural Practices (Mehere Season) - 2001/02 (1994 E.C.)

Part 1- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	zone	Wereda	Farmers Association	Enumeratio Areas	Household Number		Holder Name	Age	Sex male →1 Female →2	Type of Holding Crop →1 Livestack →2 Both →3

Part II - Area Under Temporary Crops and Agricultural Practice

1	2	3	4	5	6
Sr. No.	Questions	Parcel No / Field No. / crop name (code)	Parcel No. / filed NO. / crop name (code)	Parcel No. / filed NO. / crop name (code)	Parcel No. / filed NO. / crop name (code)
0 1	Type of Holding Private →1 Others →3 Rnted /contract →2				
0 2	Crop Area in local unit	Name (code) Area	Name (code) Area	Name (code) Area	Name (code) Area
0 3	Have the field been included in the extention Package program Yes →1 No →2				
0 4	Was the field Irrigated? Yes →1 No →2				
0 5	Variety of seeds used Improved →1 Indignores →2				
0 6	(For Cereals,Pulses and Oil seeds only) If indiginous seed was used, What was the total quantity	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
0 7	(For Cereals,Pulses and Oil seeds only) If Improved seed was used, what was the total quantity	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
0 8	(For Cereals,Pulses and Oil seeds only) If Improved seed was used what was the cost /price	Birr cent	Birr cent	Birr cent	Birr cent
0 9	Was the crop Damaged Yes →1 No →2				
1 0	If yes, what was the major cause of damage	Reason (code)	Reason (code)	Reason (code)	Reason (code)
1 1	Percentage of damage				
1 2	Any control/protection measure taken for crop damage? Yes →1 No →2				
1 3	If yes, what Type of measure? Chemical →1 Both →3 Non chemical →2				
1 4	If chemical Insecticide →1 1&3 →5 Herbicide →2 2&3 →6 Fungicide →3 All →7 1&2 →4				
1 5	Was the field fertilized? Yes →1 No →2				
1 6	If fertilized what type ? Natural →1 Bothe →3 Chemical →2				
1 7	One main reason for not using chemical fertilizer	Reason (Code)	Reason (Code)	Reason	Reason (Code)
1 8	If chemical fertilizer used 18.1 Type Urea →1 Both →3 Dap →2				
	18.2 Quantity in K.g	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
1 9	If natural fertilizer used mainly What type? →1 →3 →2 Others →4				
	If others specify/ →				

RURAL

Ethiopian Agricultural Sample Enumeration

Form EASE-94/3B

List of Fields Under Permanent Crops and their Agricultural Practices (Mehere Season) - 2001/02 (1994 E.C.)

Part 1 IDENTICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmers' Association	Enumeration Areas	Household Number	Holder Number	Holder's Name	Age	Sex: male → 1, Female → 2	Type of Holding: crop → 1, Livestock → 2, Both → 3

Part II - Area Under Permanent Crops and Agricultural Practice

1	2 Question	3 parcel No / Field No / Crop Name code	4 parcel No / Field No / Crop Name code	5 parcel No / Field No / Crop Name code	6 parcel No / Field No / Crop Name code
01	Type of Holding Private → 1 Others → 3 Rented/ contract → 2				
02	Crop Area in Local unit	Name / Area	Name / Code / Area	Name / Code / Area	Name / Code / Area
03	Has the field been included in the extention package program Yes → 1 No → 2				
04	Total number of trees in the field. (Excluding Coffe,Chat,Pineapple,Sugar-cane)	Quantity	Quantity	Quantity	Quantity
05	Number of trees of fruit bearing age (Excluding Coffe,Chat,Pineapple,Sugar-cane)	Quantity	Quantity	Quantity	Quantity
06	Was the field Irrigated Yes → 1 No → 2				
07	Variety of seeds used Improve → 1 Indiginous → 2				
08	Was the crop Damaged Yes → 1 No → 2				
09	If yes, what was the major cause of damage	Reason code	Reason code	Reason code	Reason code
10	Persontage of Damage				
11	Any control /proventina measure taken for crop Damage Yes → 1 No → 2				
12	Chemical → 1 Both → 3 Non chemical → 2				
13	If chemica Incectide → 1 1&3 → 5 Herbicid → 2 2&3 → 6 Fungicids → 3 All → 7 1&2 → 4				
14	Was the field fertilized Yes → 1 No → 2				
15	If fertilized what type? Natural → 1 Both → 3 Chemical → 2				
16	Reason for not using chemical fertilizer	Reason code	Reason code	Reason code	Reason code
17	If chemical (comercial) fertilizer used 17.1 Type Urea → 1 Both → 3 Dap → 2				
	17.2 Quantity in Kg	Kg. Gram	Kg. am	Kg. Gram	Kg. Gram
18	If natural fertilizer used mainly what type? Manure → 1 Both → 3 Compost → 2 Others → 4 If others specify! →				

RURAL

Ethiopian Agricultural Sample Enumeration

List of Fields Under Mixed Crops and their Agricultural Practices

(Mehere Season) - 2001/02 (1994 E.C.)

Form EASE-94/3c

Part 1- IDENTIFICATION PARTICULARS

1 Region	2 Zone	3 Wereda	4 Farmers' Association	5 Enumeration Areas	6 Household Number	7 Holder Number	8 Holders' Name	9 Age	10 Sex (male → 1, Femal → 2)	11 Type of Holding (Crop → 1, Livestock → 2, Bothe → 3)

Part II - Area Under Mixed Crops and Agricultural Practice

		1	2 Questions	3 Parcel No. / Field No. — Crop Name (code)	Corp Name (code)	Crop Name (code)	4 Parcel No. / Field No. — Corp Name (code)	Corp Name (code)	Corp Name (code)
0	1		Type of Holding Private → 1 Others → 3 Rented/contract → 2						
0	2		Total mixed corp area in local unit	Name of Local Unit / code / Area			Name of Local Unit / code / Area		
0	3		Was the field been included in the extention pakage program Yes → 1 No → 2						
0	4		Area in percentag share for Each crop						
0	5		Number of trees for permanent crop (Excluding Coffee, Chat, Pinapple, Sugar-cane)	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
0	6		Number of trees of fruit of permanent crop (Excluding Coffee, Chat, Pinapple, Sugar-cane)	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
0	7		was the field Irrigated yes → 1 No → 2						
0	8		Variety of seeds used Improved → 1 Indiginous → 2						
0	9		If Indignous seed was used what was the quantity (for Cereals, Pulses & Oilseeds only)	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
1	0		If Improved seed was used, what was the quantity (for Cereals, Pulses & Oilseeds only)	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
1	1		If Improved seed was used what was the cost/price (for Cereals, Pulses & Oilseeds only)	Birr sent	Birr sent	Birr sent	Birr sent	Birr sent	Birr sent
1	2		was the crop Damaged Yes → 1 No → 2						
1	3		If, yes, what was the major cause of Damage	Reason Code	Reason Code	Reason Code	Reason Code	Reason Code	Reason Code
1	4		percentage of Damage						
1	5		Any control/ preventive measure Taken for crop damage → 1 → 2						
1	6		If yes, what type of measure Chemical → 1 Both → 3 Non-chemical → 2						
1	7		If chemical Insecticide Insecticide → 1 1&3 → 5 Herbicide → 2 2&3 → 6 Fungicide → 3 All → 7 1&2 → 4						
1	8		Was the field fertilized yes → 1 No → 2						
1	9		If fertilized what type? Natural → 1 Both → 3 Chemical → 2						
2	0		One main Reson for not using Chemical fertilizer	Reason Code			Reason Code		
2	1		If chemical fertilizer used 21.1 Type Urea → 1 Both → 3 Dap → 2						
			21.2 Quantity in kg	Kg. Gram			Kg. Gram		
2	2		If natural fertilizer used mainly what type Manure → 1 Both → 3 Compost → 2 Others → 4 If others specify/						

RURAL

Form EASE -94/3D

Ethiopian Agricultural Sample Enumeration
List of Fields Under Other Land Use (Fields not occupied by any type of Crop)
(Mehere Season) - 2001/02 (1994 E.C.)

part I- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmer's Association	Enumeration Areas	Household Nubber	Holder Number	Holder's Name	Age	Sex: male → 1, Female → 2	Type of Holding: Crop → 1, Crop → 2, Crop → 3

Part II - Other Land UTILIZATION and Local Area Measurment units

1	2	3	4	5	6	7	8	9	10
sr. NO.	Parcel	Land Use	Type of Land use	code	Type of owner ship: Private → 1, Rented/contrat → 2, Other → 3	code	Area in Local unit: Local unit NAME	code	Area
01									
02									
03									
04									
05									
06									
07									
08									
09									
10									

From EASE 94/4

Rural

Ethiopian Agricultral Sample Enumeration
Assessment of Crop Conditions - 2001/02 (1994 E.C.)

NOTE:- This Form should be Filled Out For Mixed Crops According to their Type in Pure Stands

Part I - Identification Particulars

1	2	3	4	5	6
Region	Zone	Wereda	Farmers' Association	Enumeration Area	Crop Name

Part II - Assessment of Crop Conditions (For Meher Season)

1		2	3	4	5	6	7	8	9		10	11
Sr. No.		Name of Holder	Household ID Number	Holder ID Number	Number of Fields	Crop Productivity Compared to Last Year: Increase =1, Equal / No change =2, Decrease =3	If Increase Quantity in Percent	If Decrease: Quantity In Percent	If Decrease: One Major Reason for Decrease	Code	Change In Percent	Remarks
0	1											
0	2											
0	3											
0	4											
0	5											
0	6											
0	7											
0	8											
0	9											
1	0											
1	1											
1	2											
1	3											
1	4											
1	5											
1	6											
1	7											
1	8											

FORM EASE-94/5

Rural

Ethiopian Agricultural Sample Enumeration
Area under Crop Fields and Other Land Uses
(1994 E.C)

Part 1: Identification Particular

1	2	3	4	5	6	7	8
Kilil	Zone	Wereda	FA	EA	Household ID NO	Holder ID.No.	Name of Holder

9	10	11	12	13	14	15	16
Parcel No.	Field No.	**The Field or other land used** Field Under Temp/Veg/Root Crops → 1 Permanent → 2 Mixed → 3 Other land use → 4	SR. No.	Name of Crop or Type of Land use	If in col.11 code 1,2 or 3 Quantity of prod. In Local unit		Area in Percentage share for each Crop (If in Col. 11 Code 3)
		cod			Identification particulars		
				code	Name / Code	Quantity	
			1				
			2				
			3				

Part II. Area Measurement Result

1		2	3		4	5
The field or other land use Date of measurement		Area in Sq.m.	Area in Local Units			Reason if area Measurment not conducted
Date	Month		Name of Local Area Unit	code	Area	Code

Part III. Bearing and Distances of the Measured Area

Side ID	A-B	B-C	C -	D -	E -	F-	G-
Bearing							
Distanse of							
Side ID	**H -**	**I -**	**J -**	**K -**	**L -**	**M-**	**N-**
Bearing							
Distances of							
Side ID	O -	P-	Q-	R-	S-	T-	U-
Bearing							
Distance of							

Rural

FORM EASE-R-94/6

Ethiopian Agricultural Sample Enumeration
List and Selection of Crop Fields - 2001/02 (1994 E.C.)

Part I- Identification Particulars

1	2	3	4	5	6	7	8	9	10	9
Region	Zone	Wereda	Farmers Association	Enumeration Area	Household ID Number	Holder ID Number	Holder Name	Age	Sex Male =1 Female =2	Type of Holding Crop =1 Livestock =2 Both =3

Part II- Selection of Fields for and Crop Cutting Experiment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		Type of Crop Temporary =1 Vegetable/ Root =2 Permanent =3 Mixed =4		Name of Crops																			
Serial No. of Parcel	Serial No. of Field		Crop Name*	CODE	FIELD No.	SL.FIEL No.	FIELD No.	SL.FIEL No.	FIELD No.	SL.FIELD No.	FIEL No.	SL.FIEL No.	FIELD No.	SL.FIELD No.	FIELD No.	SL.FIEL No.	FIELD No.	SL.FIEL No.	FIEL No.	SL.FIEL No.	FIELD No.	SL.FIEL No.	FIELD No.	SL.FIELD No.

*NOTE:- * ALL FIELDS UNDER ANY TYPE OF CROP SHOULD BE LISTED*

Rural

Form EASE-R- 94/7A

Ethiopian Agricultural Sample Enumeration
Crop Cutting Results - Temporary Crops 2001/02 (1994 E.C.)
(Peasant Holdings)

Part I - Identification particulars

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmers Association	Enumeration Area	Household ID Number	Holder ID Number	Name of Holder	Age	Sex Male =1 Female =2	Type of Holding Crop = 1 Livestock = 2 Both = 3

Part II - Details of Crop Cutting (For Temporary Crops only) (Excluding Vegetables and Root Crops)

1	2	3		4		5		6		7		8	9		10	11
Serial No. Of		Crop Name		Date of Harvest		Fresh Weight		Date of Recording Dry Weight		Dry Weight		Was Crop Damaged? Yes =1 No =2	If yes, Reason for Damage		Percentage Damaged	Type of Crop Stand Pure =1 Mixed =2
Parcel	Field		Code	Day	Month	Kg.	Grams	Day	Month	Kg.	Grams			Code		

Rural

Form EASE-R- 94/7B

Ethiopian Agricultural Sample Enumeration
Crop Cutting Results - Vegetables and Root Crops - 2001/02 - (1994 E.C)
(Peasant Holding)

PART I - IDENTIFICATION PARTICULARS

1	2	3	4	5	*	7	8	9	10	11
Region	Zone	Wereda	Farmers' Association	Enumeration Area	Household I Number	Holder ID Number	Name of Holder	Age	Sex Male =1 Female =2	Type of Holding Crop = 1 Livestock = 2 Both = 3

PART II - DETAILS OF CROP CUTTING OF PLOT PERPARATION (FOR VEGETABLES AND ROOT CROPS)

1	2	3	4	5	6	7	8	9	10	11	12	13
					For Rows only			For Broad Cast only				
				Planting Pattern	Selected Random Rows		Random Distance in Meter for the Selected Rows from Starting Point				From starting point to the center of the field	
Ser. No.	Parcel No.	Field No.	Crop Name / Code	Rows =1 Broad cast=2	Serial N0	Distance in meter		Largest Field Side in meter	Random Distance in Meter for the Largest Side from Starting Point	Shortest Side Distance in Meter	Shortest Side Random Distance in Meter	Shortest Side Bearing
0 1												
0 2												
0 3												
0 4												
0 5												
0 6												
0 7												
0 8												
0 9												
1 0												

PART III - CROP CUTTING RESULT (FOR VEGETABLES AND ROOT CROPS)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
					For Rows Only			From 1m x 1m (for Broad cast) or 1m x 2 Rows (for Rows) Plot No. of Fruits and Quantity Harvested							
				Planting Pattern	Distance Between five or Below five Rows		Plant Category A = 1 Catatory B = 2	First Visit		Second Visit		Third visit		Grand Total	
Line No.	Parcel No.	Field No.	Crop Name / Code	Row =1 Broad cast=2	No. of Rows	Total distance in Meter	Code	No. of Fruits		No. of Fruits		No. of Fruits		No. of Fruits	
								Quantity	Weight in Kg.	Quantity	Weight in Kg.	Quantity	Weight in Kg.	Quantity	Weight in Kg.
0 1															
0 2															
0 3															
0 4															
0 5															
0 6															
0 7															
0 8															
0 9															
1 0															

Form EASE -R- 94/7C

Ethiopian Agricultural Sample Enumeration
Crop Cutting Results - Permanent Crops 2001/02 (1994 E.C.)

Part I- Identification Particulars

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmers' Association	Enumeration Area	Household ID Number	Holder ID Number	Name of Holder	Age	Sex Male =1 Female =2	Type of Holding Crop = 1 Livestock = 2 Both = 3

Part II- Details of Crop-Cutting (For Permanent Crops) (Excluding Coffee, Chat and Gesho)

1	2	3		4	5	6		7	8	9		10	11	12		13	14	15		16	17	18		19	20	
Serial No. Of		Fruit Type Picked		FIRST VISIT				SECOND VISIT				THIRD VISIT				FOURTH VISIT				FIFTH VISIT				TOTAL		
Parcel	Field		Code	Date	Number	Weight Kg.	Weight Gm.	Date	Number	Weight Kg.	Weight Gm.	Date	Number	Weight Kg.	Weight Gm.	Date	Number	Weight Kg.	Weight Gm.	Date	Number	Weight Kg.	Weight Gm.	Number	Weight Kg.	Weight Gm.
		Orange	47																							
		Banana	42																							
		Lemon	44																							
		Papaya	48																							
		Mango	46																							
		Guava	65																							
		Avocado	84																							
		Sugar cane	76																							
		Pineapple	49																							

PART III- DETAILS OF CROP-CUTTING FOR COFFEE, CHAT AND GESHO

1	2	3		4	5	6	7	8	9	10	11	12	13	14
					WEIGHT OF COFFEE FRUITS DRIED AND BEANS (KG)									
SERIAL No. OF		FRUIT / TWIGS PICKED		NUMBER OF TREES PICKED	FIRST VISIT DATE / /		SECOND VISIT DATE / /		THIRD VISIT DATE / /		FOURTH VISIT DATE / /		TOTAL	
					DATE WEIGHED / /		DATE WEIGHED / /		DATE WEIGHED / /		DATE WEIGHED / /			
					FRUITS	BEANS	FRUITS	BEANS	FRUITS	BEANS	FRUITS	BEANS	FRUITS	BEANS
PARCE	FIELD		CODE		KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS	KG. GRAMS
		COFFEE	72											
					WEIGHT OF FRESH AND DRY TWIGS (KG)									
					FIRST VISIT		SECOND VISIT		THIRD VISIT		FOURTH VISIT		TOTAL	
					DATE / /	DATE / /	DATE / /	DATE / /	DATE / /	DATE / /	DATE / /	DATE / /		
					FRESH	DRY	FRESH	DRY	FRESH	DRY	FRESH	DRY	FRESH	DRY
		GESHO	75											
					Date / /		Date / /		Date / /		Date / /		Date / /	
		CHAT	71											

Rural

Form EASE-94/8

Ethiopian Agricultural Sample Enumeration
Livestock and Honey Production-2001/2002 (1994 E.C)

PART I - Idetification Particulars

1	2	3	4	5	6	7	8	9	10	11
REGION	ZONE	WEREDA	FARMERS' ASSOCIATION	ENUMERATION AREA	HOUSEHOLD ID. No	HOLDER ID. No	HOLDER'S NAME	Age	Sex Male=1 Female=2	TYPE OF HOLDING CROP = 1 LIVESTOCK = 2 BOTH = 3

PART II-LIVESTOCK, BEEHIVES AND LIVESTOCK PRODUCTS

Question No I- Did you have livestock, And/or beehives on February 8, 2002?

Yes → 1 Complete questions below No → 2 Complet question No II	

Number of Cattle in Age & Purpose on February 8/2002

	None	Total	Male	Femal
1. Cattle of all ages on February 8,2002		1	2	3
a. Cattle < 6 months		4	5	6
b. Cattle 6 months & <1 years old		7	8	9
c. Cattle 1 year to <3 years old		10	11	12
d. Cattle 3 years to < 10 years		13	14	15
(1) Beef Cattle (for meat production purpose)		16	17	18
(2) For breeding purpose		19	20	21
(3) Dairy cows		22		23
(4) Cows gave milk for the last 12 months		24		25
(5) Draft Cattle (for work purpose)		26	27	28
(6) Cattle for other purposes		29	30	31
e. Cattle 10 years and older		32	33	34
f. Grand Total		35	36	37
1. Total Local breed		38	39	40
2. Total Exotic		41	42	43
3. Total Hybrid		44	45	46

Number of Sheep in Age & Purpose on February 8/2002

	None	Total	Male	Female
2. SHEEP of all ages on February 8, 2002		47	48	49
a. Sheep < 6 months		50	51	52
b. Sheep 6 months & < 1 years old		53	54	55
c. Sheep 1 year to < 2 years old		56	57	58
d. Sheep 2 years and older		59	60	61
(1) Sheep for meat (slaughter purpose)		62	63	64
(2) Sheep for wool only		65	66	67
(3) Sheep for breeding purpose only		68	69	70
(4) Sheep for other purposes		71	72	73
e. Grand Total		74	75	76
1. Total Local breed		77	78	79
2. Total Exotic		80	81	82
3. Total Hybrid		83	84	85

Number of Goats in Age & Purpose on February 8/2002

	None	Total	Male	Female
3. GOATS of all ages on February 8, 2002		86	87	88
a. Goats < 6 months		89	90	91
b. Goats 6 months & < 1 year old		92	93	94
c. Goats 1 year to < 2 years old		95	96	97
d. Goats 2 years and older		98	99	100
(1) Goats for meat (slaughter purpose)		101	102	103
(2) Dairy Goats		104		105
(3) Goats for breeding purpose only		106	107	108
(4) Goats for other purposes		109	110	111
e. Grand Total		112	113	114
1. Total Local breed		115	116	117
2. Total Exotic		118	119	120
3. Total Hybrid		121	122	123

Number of Pigs by age & purpose on February 8, 2002

	None	Total	Male	Female
4. Total Pigs		124	125	126
a. below 6 months		127	128	129
b. 6 months & above		130	131	132
b.1. For meat Purpose		133	134	135
b.2. Pigs for other purpose		136	137	138

Number of Horses, Asses,Mules & Camels in Age and Purpose (Feb. 9,2001-Feb. 8, 2002)

	None	Total	Male	Female
'5. HORSES of all ages		139	140	141
a. Horses <3 years old		142	143	144
b. Horses 3 Years and older		145	146	147
b1) Horses used primarily for draft purpose		148	149	150
b2) Horses for Transportation		151	152	153
b3) Horses for other purpose		154	155	156
6. MULES of all ages		157	158	159
a. Mules <3 years old		160	161	162
b. Mules 3 years older		163	164	165
b1) Mules used primarily for draft purpose		166	167	168
b2) Mules for Transportation purposes		169	170	171
b3) Mules for Other Purpose		172	173	174
7. ASSES of all ages		175	176	177
a. Asses <3 years old		178	179	180
b. Asses 3 years and older		181	182	183
b1) Asses used for draft purpose		184	185	186
b2) Asses for Transportation purposes.		187	188	189
b3) Asses for Other Purpose		190	191	192
8. CAMELS of all ages		193	194	195
a. Camels <4 years old		196	197	198
b. Camels 4 years and older		199	200	201
b1) Camels for slaughter		202	203	204
b2) Camels used for draft purpose		205	206	207
b3) Camels for milk purpose		208		209
b4) Camels for Transportation purposes		210	211	212
b5) Camels for other purposes		213	214	215

CHICKENS

None

9. CHICKENS Total on February 8, 2002

a. Laying hens (over 20 weeks old)		216
b. Non-laying hens (over 20 weeks old)		217
c. Cocks - males (over 20 weeks old)		218
d. Cockerels (8 weeks to 20 weeks old)		219
e. Pullets (8 weeks to 20 weeks old)		220
f. Chicks (below 8 weeks old)		221
		222

Question No II: Did you have livestock, chickens, and/or beehives for the last 12 months (Feb. 9, 2001-Feb.8,2002)?

Yes ⟶1 Complet question below ☐

No ⟶2 Complet question No. 11 'c' and 'g' only

None

10. HONEY BEE COLONIES on February 8, 2002

a. Traditinal beehives		223
b. Intermediate beehives		224
c. Modern beehives		225
		226

MILK, EGG AND HONEY PRODUCTION FOR THE LAST 12 MONTHS (Feb. 9, 2001-Feb. 8, 2002)

None

11. Dairy cows & camels

a. Dairy cows gave milk		227
b. Lactation period of cows (in months)		228
c. Average milking month in a caw (traditional)		229
d. Milk production - per day per dairy cow in litres		230
e. Dairy camels gave milk		231
f. Lactation period of camels (in months)		232
g. Average milking month in a camel (traditional)		233
h. Milk production - per day per camel in litres		234

None

12. Egg production - per hen per clutch

'In nearest hole number of eggs

13. Average number of clutches (in days)

		235
		236

14. Honey production per beehive per year (Feb. 9, 2001 - Feb. 8, 2002) in Kg.

None

a. Average honey production from traditional beehive per season per beehive _____ | 237 |

Frequency of production per year per beehive. _____ | 238 |

b. Average honey production from intermediate beehive per season per beehive _____ | 239 |

Frequency of production per year per beehive. _____ | 240 |

c. Average honey production from modern beehive per season per beehive _____ | 241 |

Frequency of production per year per beehive. _____ | 242 |

15. Livestock diseases & treatment Feb. 9, 2001-Feb. 8,2002)

1	2	3	4	5	6	7			8
Sr. No.	Type of **Livestock**	Total Vaccinated	Total Affected	Total Treated	Total Died	Major cause of death	Code 271	Code 272	Remark
1	Cattle								
2	Sheep								
3	Goats								
4	Equines								
5	Camels								
6	Pigs								
7	Chickens								

16. Source of Livestock feed

1	2		3		4
Sr. No.	TYPE OF FEED	Code	USE YES = 1 NO = 2	Code	IF YES, PERCENT
1	Natural grazing	1			
2	Crop Residue	2			
3	Improved pasture	3			
4	Hay	4			
6	Oil seed(noug cake)	5			
7	Other	6			

Rural

Form EASE -R- 94/9

Ethiopian Agricultural Sample Enumeration
Use of Crop, Livestock and Products - 2000/01 (1994 E.C.)
(Peasant Holding)

Job ID	1	2	3

Part I - Identification Particulars

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmers' Association	Enumeration Area	Household ID. No.	Holder ID No.	Name of Holder	Age	Sex Male =1 Female =2	Type of Holding Crop =1 Livestock =2 Both =3

Part II - Crop Usage Proportions (Percentages)

1	2		3	4	5	6	7	8	9
Sr. No.	Name of Crop	Code	Proportions of Total Product For: Household Consumption	Seed	Sale*	Wages in Kind	Animal Feed	Other (Gifts ...)	Total
0 1									
0 2									
0 3									
0 4									
0 5									
0 6									
0 7									
0 8									
0 9									
1 0									
1 1									
1 2									
1 3									
1 4									
1 5									

*For sale includes the part of products that the holder sold for purchase of agricultural inputs, family clothings, ... etc.

Part III - Livestock Product Usage Proportions (Percentages)

1	2		3	4	5	6	7
SR. No.	Name of Livestock & Livestock Products	Code	Proportions in Percentage: Household Consumptio	Sale*	Wages in Kind	Others (Gifts ...)	Total
0 1							
0 2							
0 3							
0 4							
0 5							
0 6							
0 7							
0 8							
0 9							
1 0							
1 1							
1 2							
1 3							
1 4							
1 5							

Form NASE 94/10

Ethiopian Agricultural Sample Enumeration
Miscellaneous Questions - 2001/02 (1994 E.C.)

PART I- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmers' Association	Enumeration Area	Household ID No.	Holder ID No.	Name of Holder	Age	Sex Male =1 Female =2	Type of Holding Crop =1 Livestock =2 Both =3

PART II - MISCELLANEOUS QUESTIONS

Q. No		Code
1.	Do you practice crop rotation on your holding? Yes = 1 No = 2	
2.	Do you practice burning of soil to increase fertility of the soil on your holding? Yes = 1 No = 2	
3.	If practice irrigation, what is the source of irrigation water? River = 1 Lake = 2 Pond = 3 Others =4 Not Used = 5	
4.	Have you used hired labour on you holding during this agricultural year? (last 12 months) Yes = 1 No = 2	
5.	How many persons were engaged on the holding other than the holder ? (Last 12 /mths)	

	Number		
	Male	Female	Total
5.1 permanent paid workers (full time)			
5.2 Temporary (seasonal paid workers)			
5.3 Unpaid family workers			
5.4 partners (share holders paid/ unpaid)			
5.5 Total persons engaged at any time of the year			

6.	Which ploughing practice do you use on your holding? 6.1 Hand dug = 1 6.2 Oxen /horse driven /pulling = 2 6.3 Mechanized /Tractor = 3 6.4 Both hand dug & oxen/ Horse driven = 4 6.5 Both Oxen/Horse driven & Mechanized = 5	
7.	What method do you practice to, preserve soil against degradation or erosion? Terracing = 1 Water catchment = 2 Afforestation = 3 Ploughing along the contour = 4 Others /Specify/ = 5 Do not practice = 6	
8.	Have you ever been included in the extension package program? Yes = 1 No = 2	
9.	If yes in 8, which extension package? Rain abundant areas extension package = 1 Rain shortage areas extension package = 2 Post harvest technology " " = 3 Economically important crops " " = 4 Livestock development " " = 5 Any two of the above = 6	

Q. No		Code
10.	If the answer is 6 in 9, specify	
11.	If Yes in 8, when? Specify	
12.	What percentage of your holding is under the extension package/ (excluding livestock)	
13.	For which crop are you useing the extension package? specify	
14.	If No in 8, why? specify	
15.	Are you beneficiary of Credit facilities for agricultural activities Yes =1 No = 2	
16	Advisory services Yes = 1 No = 2	
17	Where do you get chemical fertilizer? Government Enterprise =1 Private Enterprise =2 Private Seller =3 Others (Specify) =4 Not Purchased =5	

		Birr	Cent
18	How much do you buy 50 kg Urea?		
19	How much do you buy 50 kg Dap?		

		kilo meter
20	How far do you go to Purchase Fertilizer?	

		Male	Female
21	How much time do man & women spend in the household on each of the following agricultural activities? use the codes given below the table*.		
	21.1 Tilling		
	21.2 Sowing		
	21.3 Weeding		
	21.4 Harvesting		
	21.5 Feeding /Treating		
	21.6 Milking		
	21.7 Marketing of agricultural products		

* Not Participated = 1
One fourth of the time (1/4) = 2
One half of the time (1/2) = 3
Three fourth of the time (3/4) = 4
Full time = 5
Not applicable = 6

Rural

Form EASE-R- 94/11

Ethiopian Agricultural Sampe Enumeration
Farm Implements, Work Animals And Storage Facilities - 2001/02 (1994 E.C.)

PART I- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Wereda	Farmers' Association	Enumeration Area	Household ID No.	Holder ID No.	Name of Holder	Age	Sex Male =1 Female =2	Type of Holding Crop =1 Livestock =2 Both =3

PART II- FARM IMPLEMENTS, WORK ANIMALS, AND STORAGE FACILITIES

2.1 Farming Implements

1	2		3	4		5		6	7	8	
Line No.	Name of Implement	Code	Number Owned	Replacement Value (cost per unit)		Total Value		Average Age of Service (years)	Do you rent Farm Implements? Yes =1 No =2	If Yes,enter Rate /day	
				Birr	Ct.	Birr	Ct.			Birr	Ct.
01	Axe	01									
02	"Gejera"	02									
03	Hoe	04									
04	Shovel	05									
05	Pick axe	03									
06	Plow beam	06									
07	Yoke	07									
08	" Deger"	08									
09	Plow tip (Metal)	09									
10	"Wagel" tip	10									
11	"Erfe" (handle)	11									
12	Harrow	12									
13	Sprayer (hand operated)	17									
14	Reaper (sickle)	19									
15	Trashing stick	20									
16	Rake (all wood)	23									
17	Rake (any Metal)	24									
18	Winnower (wood)	25									
19	Winnower (Metal)	26									
20	Wheelbarrow	27									
21	Carts (hauling)	28									
22	Other (specify _____)										
23	Other (specify _____)										
24	Other (specify _____)										
25	Other (specify _____)										

2.2 Work Animals (including those used for transport)

1	2		3	4		5		6	7	8	
Line No.	Name of animal	Code	Number owned	Replacement Value (Cost Per Animal) Birr	Ct.	Total Value Birr	Ct.	Average age of animal? (Years)	Do you rent work Animals? Yes=1 No=2	If yes rate per day Birr	Ct.
26	Oxen (all including cows)	42									
27	Donkeys	43									
28	Horses	44									
29	Mules	45									
30	Camels	46									
31	Other (specify _____)										
32	Other (specify _____)										
33	Other (specify _____)										
34	Other (specify _____)										

2.3 Work Animals used specifically for plowing

35	Oxen for plowing	42									
36	Other for plowing										
37	Other (specify _____)										
38	Other (specify _____)										
39	Other (specify _____)										

2.4 Storage Facilities (Buildings)

1	2		3	4		5		6	7	8	
Line No.	Storage facilities	Code	Number owned	Replacement Value (cost per building) Birr	Ct.	Total Value Birr	Ct.	Average storage capacity of buildings? (in Quintals)	Do you rent storage facilities? Yes =1 No =2	if yes, enter rate per month Birr	Ct.
40	Modern buildings	32									
41	" Gottera"	33									
42	" Debegnet"	34									
43	Under ground	35									
44	Other (specify _____)										
45	Other (specify _____)										
46	Other (specify _____)										
47	Other (specify _____)										

Note :- *Sack, 'Silicha', 'Akumada', Plastic sack etc not used as storage facilities*

Form EASE-R-94/12A

RURAL

Ethiopian Agricultural Sample Enumeration

List of Fields Under Temporary Crops (Including Vegetables and Root Crops) and Agricultural Practices (Belg Season) - 2001/02 (1994 E.C.)

Part 1- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	zone	Wereda	Farmers Association	Enumeratio Areas	Household Number	Holder Number	Holder Name	Age	Sex male →1 Female →2	Type of Holding Crop →1 Livestock →2 Both →3

Part II - Area Under Temporary Crops and Agricultural Practice

1	2	3	4	5	6
Sr. No.	Questions	Parcel No / Field No. / crop name code	Parcel No. / filed NO. / crop name code	Parcel No. / filed NO. / crop name code	Parcel No. / filed NO. / crop name code
01	Type of Holding Private →1 Others →3 Rnted /contract →2				
02	Field Area in local unit	Local Unit / code / Area	Local Unit / code / Area	Local Unit / code / Area	Local Unit / code / Area
03	Production in Local Unit	Local Unit / code / Area	Local Unit / Code / Area	Local Unit / code / Area	Local Unit / code / Area
04	Have the field been included in the extention Package program Yes →1 No →2				
05	Was the field Irrigated? Yes →1 No →2				
06	Variety of seeds used Improved →1 Indignores →2				
07	(For Cereals,Pulses and Oil seeds only) If indiginous seed was used, What was the total quantity	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
08	(For Cereals,Pulses and Oil seeds only) If Improved seed was used, what was the total quantity	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
09	(For Cereals,Pulses and Oil seeds only) If Improved seed was used what was the cost /price	Birr cent	Birr cent	Birr cent	Birr cent
10	Was the crop Damaged Yes →1 No →2				
11	If yes, what was the major cause of damage	Reason code	Reason code	Reason code	Reason code
12	Percentage of damage				
13	Any control/protection measure taken for crop damage? Yes →1 No →2				
14	If yes, what Type of measure? Chemical →1 Both →3 Non chemical →2				
15	If chemical Insecticide →1 1&3 →5 Herbicide →2 2&3 →6 Fungicide →3 All →7 1&2 →4				
16	Was the field fertilized? Yes →1 No →2				
17	If fertilized what type ? Natural →1 Bothe →3 Chemical →2				
18	One main reason for not using chemical fertilizer	Reason Code	Reason Code	Reason	Reason Code
19	If chemical fertilizer used 19.1 Type Urea →1 Both →3 Dap →2				
	19.2 Quantity in K.g	Kg. Gram	Kg. Gram	Kg. Gram	Kg. Gram
20	[illegible] [illegible] →1 [illegible] →3 [illegible] →2 [illegible] →4 If others specify: →				

RURAL

Ethiopian Agricultural Sample Enumeration

List of Fields Under Mixed Crops and their Agricultural Practices

(Belg Season) - 2001/02 (1994 E.C.)

Form EASE-R-94/12B

Part 1- IDENTIFICATION PARTICULARS

1 Region	2 Zone	3 Wereda	4 Farmers' Association	5 Enumeration Areas	6 Household Number	7 Holder Number	8 Holders' Name	9 Age	10 Sex (male → 1, Femal → 2)	11 Type of Holding (Crop → 1, Livestock → 2, Bothe → 3)

Part II - Area Under Mixed Crops and Agricultural Practice

		Questions	3 Parcel No. ___ Field No. ___	4 Parcel No. ___ Field No. ___
			Crop Name / Corp Name / Crop Name (code)	Corp Name / Corp Name / Corp Name (code)
0	1	Type of Holding Private → 1, Rented/contract → 2, Others → 3		
0	2	Have the field been included in the extention pakage program Yes → 1, No → 2		
0	3	Total Mixed Crop Area in Local Unit	Name of Local Unit / code / Area	Name of Local Unit / code / Area
0	4	Production in Local Unit	Production Unit (Local Unit, Code) / Quantity	Production Unit (Local Unit, Code) / Quantity
0	5	Percentage shere of Area	Quantity	Quantity
0	6	was the field Irrigated yes → 1, No → 2		
0	7	Variety of seeds used Improved → 1, Indiginous → 2		
0	8	If Indignous seed was used what was (for Cereals, Pulses & Oilseeds) the quantity	Kg. Gram	Kg. Gram
0	9	If Improved seed was used, (for Cereals, Pulses & Oilseeds) what was the quantity	Kg. Gram	Kg. Gram
1	0	If Improved seed was used (for Cereals, Pulses & Oilseeds) what was the cost/price	Birr Cent	Birr Cent
1	1	was the crop Damaged Yes → 1, No → 2		
1	2	If, yes, what was the major cause of Damage	Reason Code	Reason Code
1	3	percentage of Damage		
1	4	Any control/ preventive measure Taken for crop damage → 1, → 2		
1	5	If yes, what type of measure Chemical → 1, Non-chemical → 2, Both → 3		
1	6	If chemical in 16, Insecticid → 1, Herbicide → 2, Fungicide → 3, 1&2 → 4, 1&3 → 5, 2&3 → 6, All → 7		
1	7	Was the field fertilized yes → 1, No → 2		
1	8	If fertilized what type? Natural → 1, Chemical → 2, Both → 3		
1	9	One main Reson for not using Chemical fertilizer	Reason Code	Reason Code
2	0	If chemical fertilizer used 2#.1 Type: Urea → 1, Dap → 2, Both → 3		
		2#.2 Quantity in Kilo gram	Kg. Gram	Kg. Gram
2	1	If natural fertilizer used mainly what type ? Manure → 1, Compost → 2, Both → 3, Others → 4; If others specify/ ___		

URBAN

FORM EASE -U- 94/2

Agricultural Households Demographic Characteristics - 2001 /2002 (1994 E.C.)

PART I- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8
REGION	ZONE	WEREDA	TOWN	HIGHER/WEREDA	KEBELE	ENUMERATIO AREA	HOUSEHOLD ID NO.

PART II - DEMOGRAPHIC CHARACTERISTICS OF EACH MEMBER OF THE AGRICULTURAL HOUSEHOLD (STARTING WITH THE HEAD OF THE HOUSEHOLD)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
								5 YEARS AND ABOVE		10 YEARS AND ABOVE			
SR. NO.	FULL NAME	IS MEMEBER OF THE HOUSEHOLD A HOLDER Yes =1 No =2 code	HOLDER ID	TYPE OF HOLDING CROP =1 LIVESTOCK =2 BOTH =3 code	SEX MALE = 1 FEMALE = 2 Code	RELATION TO THE HEAD OF HOUSEHOLD Code	AGE (IN COMP-LETED YEARS)	EDUCATIONAL ATTAINMENT (Highest Grade Completed) Code	MARITAL STATUS NEVER MARRIED = 1 CURRENTLY MARRIED= 2 DIVORCED = 3 WIDOWED = 4 Code	WERE YOU ENGAGED IN ECONOMIC ACTIVITY DURING THE LAST 12 MONTHS? Yes =1 No =2 Code	IF NOT ENGAGED (IN COL. 11 CODE) ECOMOMIC ACTIVITY WHAT WAS THE MAIN REASON? STUDENT =1 HOME MAKERS =2 HANDICAP =3 OLD AGE/PENSION =4 OTHERS =5 Code	IF ENGAGED IN ECONOMIC ACTIVITY WHAT WAS THE MAJOR ACTIVITY? FULLY AGRICULTURE = 1 PARTLY AGRICULTURE = 2 Fully in others =3 Code	IF IN COLUMN 11, CODE 1 OR 2, EMPLOYMENT STATUS EMPLOYER =1 OWN-ACCOUNT WORKER = 2 EMPLOYEE =3 UNPAID FAMILY WORKER = 4 OTHERS =5 Code
0 1													
0 2													
0 3													
0 4													
0 5													
0 6													
0 7													
0 8													
0 9													
1 0													

Head	= 1
Spouse	= 2
Son/Daughter of head & spouse	= 3
Son/Daughter of head	= 4
Son/Daughter of spouse	= 5
Mother/Father of head/spouse	= 6
Sister/Brother of head/spouse	= 7
Other relatives	= 8
Non relatives	= 9

Illiterate	= 1
Informal Education	= 2
Grade 1 Completed	= 3
Grade 2 Completed	= 4
Grade 3 Completed	= 5
Grade 4 Completed	= 6
Grade 5 Completed	= 7
Grade 6 Completed	= 8
Grade 7 Completed	= 9
Grade 8 Completed	= 10
Grade 9 Completed	= 11
Grade 10 Completed	= 12
Grade 11 Completed	= 13
Grade 12 Completed	= 14
Grade 12 +	= 15

URBAN

ETHIOPIAN AGRICULTURAL SAMPLE ENUMERATION

FORM EASE-U-94/3

LIST OF FIELDS UNDER TEMPORARY AND PERMANENT CROPS AND AGRICULTURAL PRACTICES- MEHER SEASON

2001/02 (1994 E.C)

PART I-IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
REGION	ZONE	WEREDA	TOWN	HIGHER/ WEREDA	KEBELE	ENUMERATION AREA	HOUSEHOLD ID. NUMBER	HOLDER ID. NUMBER	HOLDER'S NAME	AGE	SEX M→1 F→2	TYPE OF HOLDING CROP → 1 LIVESTOCK →2 BOTH → 3	DID YOU PRODUCE CROP IN MEHER SEASON YES → 1 NO → 2

PART II- AREA UNDER TEMPORARY CROPS AND AGRICULTURAL PRACTICES

1	2	3	4	5	Use of Agricultural Inputs						12	13	14	15	16	17
					6	7	8	9	10	11						
						Use of fertilizer		Use of Irrigation				If column 12 is blank			If column 15 is blank	
Parcel Number	Field Number	Name of crops	Type of Tenure Own → 1 Rented → 2 Others → 3	Location of field in Urban Boundary Within → 1 Outside → 2	Type of seeds used Improved seed → 1 Local seed → 2	Did you use Fertilizer Yes → 1 No → 2	If yes in column 7 Type of fertilizer Natural → 1 Chemical → 2 Both → 3	Did you apply Irrigation Yes → 1 No → 2	If yes in Column 9 Source of water River → 1 Lake → 2 Pool → 3 Pipe water → 4 Others → 5	Did you use pesticides Yes → 1 No → 2	Field Area in Square Meters	Area in local units		Production in kilograms	Production in Local units	
			CODE									Name of Local Units	Area		Name of Local units	Quantity
													code			Code

Continued

PART III- AREA UNDER PERMANENT CROPS AND AGRICULTURAL PRACTICES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
					Use of Agricultural Inputs						Number of Trees			If column 14 is blank			If column 17 is blank	
			Type of Tenure Own → 1 Rented → 2 Others → 3	Location of field in Urban Boundary Within → 1 Outside → 2	Type of seeds used Improved seed → 1 Local seed → 2	Use of fertilizer Did you use Fertilizer Yes → 1 No → 2	If yes in column 7 Type of fertilizer Natural → 1 Chemical → 2 Both → 3	Use of Irrigation Did you apply Irrigation Yes → 1 No → 2	If yes in Column 9 Source of water River → 1 Lake → 2 Pool → 3 Pipe water → 4 Others → 5	Did you use pesticides Yes → 1 No → 2	Total trees	Fruit bearing	Field Area In square Meters	Area in local units		Production in kilograms	Production In Local units	
Parcel Number	Field Number	Name of crops	CODE											Name of Local Units	Area		Name of Local units	Quantity
														code				code