

CHAPTER III

SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS

1 INTRODUCTION

Population as a producer and consumer is closely related with agriculture. On the one hand, population affects production in general and agricultural outputs in particular by furnishing the required labour. On the other hand, the size of a population and its anticipated growth is the main factor determining food consumption requirements. Regarding the balance between population and consumption, if more people are to be fed than the food or services produced, saving and capital investments will be negatively affected. Moreover, population growth also negatively influences agriculture by putting pressure on the environment, such as water, fertility of land, . . . etc. Population size further influence productivity mainly through the diversification and specialization of the economy, the size of the market, and the importance of foreign trade.

Not only the size, but also the socio-economic characteristics of the population of the agricultural households is important to the agricultural production. Study of the nature of the agricultural sector of a country will not be complete without proper understanding of the socio-economic characteristics of the population engaged in it. The population statistics of the agricultural households can be used to describe the characteristics and distribution of the population in space, its density and degree of concentration, the fluctuation in its rate of growth and the movement from one area to another. Data on population and agriculture will also help in finding out what percentage of resources will be needed at a particular time for the meeting of basic needs of the people and what amount of socially useful and productive labour is available in the country, regardless of whether labour or capital intensive techniques will suit the nation's economy.

Generally, an analysis of statistical data on population residing in agricultural households is important to assess the size, structure and characteristics of the human resources involved in and supported by the sector. Such kind of information will provide the human background for planners and policy makers in their attempt to formulate policies that helps improve the sector's output as well as the living conditions of the rural population.

Cognizant of this fact, the 2001/2002 Ethiopian Agricultural Sample Enumeration has collected basic social and economic characteristics of the population in agricultural households in October 2001. This chapter assesses the resulting data related to the size, the structure and distribution of the population in agricultural households with some selected variables. These variables include size and age-sex structure, household size, relationship to the head of the household, marital status, literacy, educational level, working status, reason for not working, type of occupation, and employment status. Moreover, this chapter presents statistical tables that show the results at zonal and wereda levels. In the Annex to this chapter are also given tables showing Estimates, Standard Errors (S.E.) and Coefficient of Variation (C.V.) for some relevant variables.

2 SIZE AND AGE-SEX STRUCTURE OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS

In this section, the size and age-sex composition of the population in agricultural households of Tigray Region will be assessed. The population in agricultural households comprises all the persons residing in households with at least one agricultural holder, where a holder is defined as a person who exercises management and control over the operation of the agricultural holding such as land and livestock and makes the major decision regarding the utilization of the available resources (detailed explanation of holder and holdings are provided in Chapter II of this report in the section that deals with concepts and definitions). Whenever is appropriate the assessment will be done separately for non-holders, holders and type of holding.

2.1 Size of the Population in Agricultural Households

Summary Table III.1 presents the estimated population size of the agricultural households in Tigray Region classified by sex, place of residence and holding status. According to the result of this sample enumeration, the population in agricultural households of the region is estimated to be 3,488,777. Of the total population in agricultural households, 3,374,403 are residing in rural areas and the remaining 114,374, that is, only 3.3 percent of the population in agricultural households is residing in urban areas.

The enumeration results show that there were 739,917 agricultural holders in the region, making up 21.2 percent of the total population residing in agricultural households. Further breakdown of the agricultural holders by type of holding is presented in Summary Table III.2. Accordingly, holders practicing crop and livestock farms constitute the largest proportion (73 percent) of total holders. Holders practicing crop only farms make up about 20% while those practicing livestock only are 7 percent of total holders.

The enumeration result further shows that the proportion of holders among the males to be significantly higher than their female counterparts. In the rural and the urban areas, the proportion of the holders among the males is about three times and two times higher than that of the females, respectively.

Summary Table III.1 Size of the Population in Agricultural Households by Sex and Place of Residence

Place of Residence/ Sex	Total Population in Agricultural Households		Holders		Members Other Than Holders	
	No.	%	No.	%	No.	%
Rural + Urban						
Both Sexes	3,488,777	100	739,917	21.2	2,748,861	78.8
Male	1,759,360	100	552,808	31.4	1,206,552	68.6
Female	1,729,417	100	187,108	10.8	1,542,309	89.2
Rural						
Both Sexes	3,374,403	100	715,620	21.2	2,658,783	78.8
Male	1,704,278	100	537,060	31.5	1,167,218	68.5
Female	1,670,125	100	178,560	10.7	1,491,565	89.3
Urban						
Both Sexes	114,374	100	24,297	21.2	90,077	78.8
Male	55,082	100	15,749	28.6	39,333	71.4
Female	59,292	100	8,548	14.4	50,744	85.6

Regarding distribution of the population in agricultural households of zones by type of holding the enumeration result presented in Summary Table III.3 shows that in all zone, except Mekele, combination of crop and livestock is the dominant type of holdings where the proportion who combine crop and livestock is highest (78.6 percent) for West Tigray Zone and least (12.2 percent) for Mekele Zone. The majority of the population in agricultural households of Mekele Zone hold livestock only. On the other hand, exclusive crop farming is more common (24.8 percent) in south Tigray Zone and least common (13.4 percent) in West Tigray Zone.

Summary Table III.2 Size of Agricultural Holders by Sex, Type of Holding and Place of Residence

Place of Residence/ Sex	Total Holders		Crop Only		Livestock Only		Crop and Livestock	
	No.	%	No.	%	No.	%	No.	%
Rural + Urban								
Both Sexes	739,917	100	145,477	19.7	54,877	7.4	539,563	72.9
Male	552,808	100	76,750	13.9	29,035	5.3	447,023	80.9
Female	187,108	100	68,727	36.7	25,841	13.8	92,540	49.5
Rural								
Both Sexes	715,620	100	141,301	19.7	44,035	6.2	530,284	74.1
Male	537,060	100	74,551	13.9	22,680	4.2	439,828	81.9
Female	178,560	100	66,750	37.4	21,355	12.0	90,455	50.7
Urban								
Both Sexes	24,297	100	4,176	17.2	10,841	44.6	9,279	38.2
Male	15,749	100	2,199	14.0	6,355	40.4	7,195	45.7
Female	8,548	100	1,977	23.1	4,487	52.5	2,085	24.4

Summary Table III.3 Distribution of Population in Agricultural Households by Holding Status, Type of Holding, Zone and Place of Residence

Zones	Place of Residence	Total Population in Agricultural HHs	Total Holders		Type Holding		
			No.	%	Crop Only	Livestock Only	Crop and Livestock
All Zones	Rural + Urban	3,488,777	739,917	100.0	19.7	7.4	72.9
	Rural	3,374,403	715,620	100.0	19.7	6.2	74.1
	Urban	114,374	24,297	100.0	17.2	44.6	38.2
West Tigray	Rural + Urban	904,877	185,352	100.0	13.4	8.0	78.6
	Rural	874,704	178,591	100.0	13.1	6.8	80.0
	Urban	30,173	6,761	100.0	20.0	38.9	41.1
Central Tigray	Rural + Urban	1,112,274	234,224	100.0	19.6	5.6	74.9
	Rural	1,076,330	226,185	100.0	19.6	4.3	76.0
	Urban	35,944	8,039	100.0	17.6	40.6	41.7
East Tigray	Rural + Urban	608,981	131,325	100.0	21.5	9.3	69.2
	Rural	597,515	129,042	100.0	21.7	8.4	69.9
	Urban	11,466	2,283	100.0	15.1	56.2	28.7
South Tigray	Rural + Urban	854,249	187,592	100.0	24.8	7.3	68.0
	Rural	825,854	181,802	100.0	25.0	6.1	68.9
	Urban	28,395	5,790	100.0	17.3	42.7	40.0
Mekele	Rural + Urban	8,396	1,423	100.0*		83.7	12.2
	Rural	-	-	-	-	-	-
	Urban	8,396	1,423	100.0*		83.7	12.2

2.2 Age-Sex Structure of the Population in Agricultural Households

Age and sex are among the important factors that determine the status of individuals in their community in general and their involvement in production process in particular. The age-sex composition of a population of an area is the product of past fertility, mortality and migration trends. Age and sex structure are important for the functioning of the economy including the agricultural economy, since these two attributes constitute the main criteria for determining entrance into the work force and the division of labour. It is also important for several purposes. Among others, age-sex data is useful for in-depth analysis of socio-economic characteristics of a given population. Also, age-sex data is vital for making component and sectorial projections.

The percentage distribution of the population in agricultural households by sex, age group, place of residence, and holding status and type is presented in Summary Table III.4. Also,

the single year age and five years age distribution of the population in agricultural households are presented in Figure III.1 and Figure III.2, respectively. The population in agricultural households in both rural and urban areas is characterized by young age. As the data in the table shows, 53.3 percent and 53 percent of rural and urban agricultural household population are under 18 years of age. Those persons aged 60 years and above constitute nearly equal proportion, that is, 6.5 percent in rural and 6.3 percent in urban areas. According to the age pyramid, the age pattern of the region's agricultural household population appears to be fluctuating (see Figures III.1 to III.3). As can be observed from Figure III.2 the age pyramid began to narrow at the base (0-4 years) and this is possibly due to decline of fertility. The chance of being holder becomes significant after age 30 (see Figure III.3)

The age pattern observed at regional level among total holders also holds true for both crop only holders and crop and livestock holders, with less than 3 percent of the young under age 25 years practicing in crop and livestock agriculture. In the case of persons who are engaged in livestock only, however, the involvement of the young population who are under age 25 years is about one-fifth (20.7 percent). This phenomenon of a significant proportion of the young being livestock only holders is particularly true in rural areas.

Fig. III.I Distribution of Population in Agricultural Households by Sex and Age in Single Year (rural+urban)

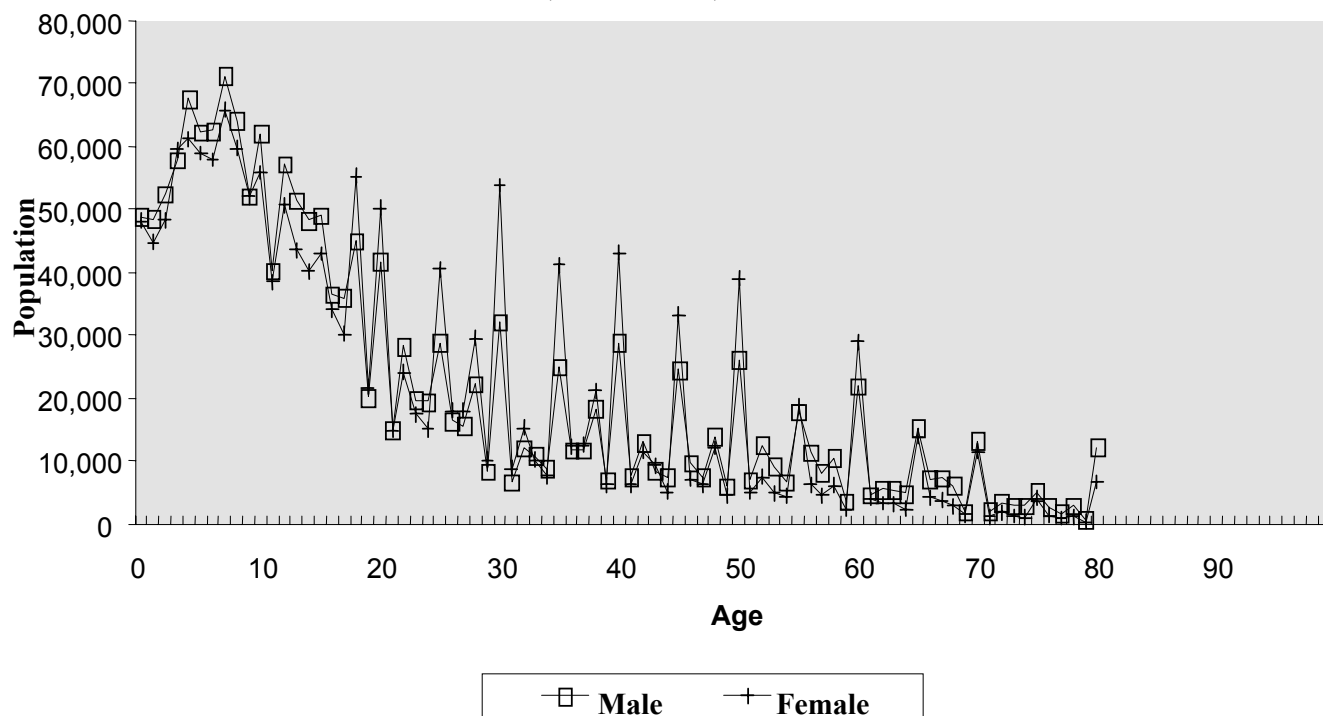


Fig III.2 Age-Sex Distribution of Population in Agricultural Households (urban + rural)

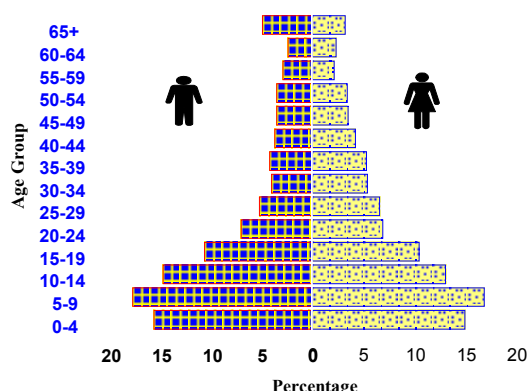
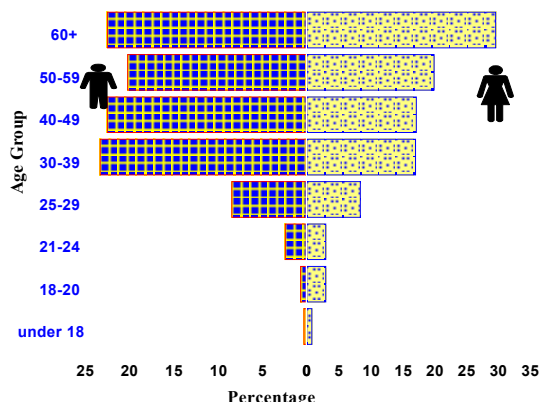


Fig III.3 Age-Sex Distribution of Population of Agricultural Holders (urban + rural)



Summary Table III.4 Distribution of Population in Agricultural Households by Sex, Age Group, Holding Status, Type of Holding and Place of Residence

Age Group And Sex	Rural + Urban					Rural					Urban				
	Total Population in Agricultural HHs	Total Holders	Holders by Type of Holding			Total Population in Agricultural HHs	Total Holders	Holders by Type of Holding			Total Population in Agricultural HHs	Total Holders	Holders by Type of Holding		
			Crop Only	Livestock Only	Crop and Livestock			Crop Only	Livestock Only	Crop and Livestock			Crop Only	Livestock Only	Crop and Livestock
All Ages	3,488,777	739,917	145,477	54,877	539,563	3,374,403	715,620	141,301	44,035	530,284	114,374	24,297	4,176	10,841	9,279
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 18	53.3	0.5	0.5	4.7	0.1	53.3	0.5	0.5	5.7	0.1	53	0.3	0.4	0.5	0.0
18 - 20	6.7	1.3	1.7	7.0	0.7	6.7	1.3	1.7	8.4	0.7	7.5	1.1	1.2	1.3	0.8
21 - 24	4.4	2.6	2.8	9.0	1.9	4.4	2.6	2.8	10.6	1.9	4.0	2.2	3.3	2.3	1.7
25 - 29	5.9	8.4	8.1	20.5	7.3	6.0	8.5	8.1	23.9	7.3	5.4	7.0	10.4	6.4	6.1
30 - 39	9.5	21.7	18.3	23.1	22.4	9.5	21.6	18.1	23.2	22.4	9.8	22.9	25.6	22.5	22.2
40 - 49	7.6	21.1	15.9	11.6	23.5	7.6	21.1	15.8	8.5	23.5	7.9	23.3	20.4	24.0	23.7
50 - 59	6.1	20.1	18.8	8.8	21.6	6.1	20.1	18.9	6.2	21.6	6.1	20.2	17.0	19.5	22.5
60+	6.5	24.3	33.9	15.4	22.6	6.5	24.3	34.2	13.4	22.6	6.3	22.9	21.6	23.4	23.0
Male															
All Ages	1,759,360	552,808	76,750	29,035	447,023	1,704,278	537,060	74,551	22,680	439,828	55,082	15,749	2,199	6,355	7,195
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 18	55.0	0.3	0.4	4.5	0.1	54.9	0.3	0.4	5.5	0.1	56.2	0.3	0.1	0.8	0.0
18 - 20	6.1	0.7	1.4	4.0	0.4	6.0	0.7	1.4	5.0	0.4	7.1	0.5	0.7	0.6	0.4
21 - 24	4.7	2.4	3.3	10.3	1.8	4.7	2.5	3.4	12.7	1.8	3.8	1.6	1.7	1.9	1.3
25 - 29	5.2	8.4	9.3	23.8	7.2	5.2	8.5	9.4	29.2	7.2	3.9	5.3	7.6	4.6	5.1
30 - 39	8.2	23.2	20.7	27.6	23.3	8.2	23.2	20.5	28.9	23.3	8.0	23.5	27.0	22.9	23.0
40 - 49	7.2	22.4	16.6	12	24.1	7.2	22.3	16.4	7.9	24.1	7.7	25.0	22.7	26.6	24.2
50 - 59	6.4	20.1	17.7	6.3	21.4	6.4	20.1	17.7	2.7	21.4	6.0	20.2	17.0	19.1	22.1
60+	7.3	22.4	30.6	11.5	21.7	7.3	22.3	30.8	8.1	21.7	7.3	23.6	23.3	23.5	23.8
Female															
All Ages	1,729,417	187,108	68,727	25,841	92,540	1,670,125	178,560	66,750	21,355	90,455	59,292	8,548	1,977	4,487	2,085
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 18	51.5	0.9	0.6	4.9	*	51.6	1.0	0.6	5.9	*	50.1	0.3	0.7	0.2	*
18 - 20	7.3	3.1	2.0	10.3	1.9	7.3	3.1	2.0	12.0	1.9	7.8	2.1	1.9	2.3	2.0
21 - 24	4.1	3.1	2.1	7.5	2.5	4.1	3.1	2.1	8.5	2.5	4.3	3.4	5.1	2.8	3.3
25 - 29	6.7	8.5	6.8	16.7	7.5	6.7	8.4	6.6	18.3	7.5	6.8	10.1	13.6	8.9	9.4
30 - 39	10.9	17.2	15.7	18.1	18.1	10.9	17.0	15.4	17.2	18.1	11.4	21.9	24.2	22.0	19.4
40 - 49	8.0	17.3	15.2	11.1	20.6	8.0	17.2	15.1	9.2	20.6	8.1	20.1	17.7	20.4	21.8
50 - 59	5.7	20.1	20.1	11.7	22.4	5.7	20.0	20.2	9.9	22.3	6.2	20.4	17.1	20.2	23.9
60+	5.7	29.8	37.6	19.7	26.9	5.7	30.2	38.1	19.0	27.0	5.3	21.6	19.7	23.2	20.0
Sex Ratio	101.7	295.4	111.7	112.4	483.1	102.0	300.8	111.7	106.2	486.2	92.9	184.2	111.2	141.6	345.1

The sex distribution of a population can be studied using indices called "sex ratios" that are calculated as a ratio of males per 100 females. When the ratio is over 100, the males are in excess and when less than 100 the females predominate. The sex ratio of the population in agricultural households by holding status and type of holding are calculated and presented at the bottom of Summary Table III.4. In a population where there is no sex selective migration, the overall sex ratio is expected to be around 100. In addition, sex ratio for the population in agricultural households will be affected by movements of people between agricultural and non-agricultural households within the region itself. For the population in agricultural households of Tigray Region, the overall sex ratio is found to be 101.7, showing slight excess of males over females. The situation in urban areas where the result shows a sex ratio of 92.9 is, however, different from that of the rural areas indicating that there are more females than males in urban areas.

The table further shows a sex ratio of 295.4 for agricultural holders. That is, for every 100 female holders there are 295 male holders. The excess of male holders over females is extremely large among those practicing both crop and livestock holding. The pattern observed at regional level also holds true in both urban and rural areas with urban holders showing relatively lower sex ratios for crop and livestock holders and higher sex ratio for those practicing livestock only.

2.3 Household Size

Size of household refers to the entire number of persons- related or unrelated who comprise one private household. In this survey a household is defined as either single person who makes provisions for his own or a group of two or more persons who live together and make common provisions for food and other essentials of living.

Summary Table III.5 presents the distribution of the agricultural households by number of persons per household and average household size for male and female-headed

households. According to the sample enumeration, on September 2001 there were 701,975 agricultural households in Tigray Region. These households altogether accommodates 3,488,777 persons, resulting in average household size of 5.0 persons per agricultural household. Regarding the distribution of persons per household, the data in the table shows that, the majority of households have 6-9 persons (37.2 percent) closely followed by those with 4-5 persons (32.4 percent) and 2-3 persons (23.2 percent). Single person households and households with 10 and more persons each comprise about 5 percent and 2 percent, respectively.

Summary Table III.5 Distribution of Agricultural Households by Household Size, Sex of Head, and Place of Residence

Rural/ Urban and Sex of Head	Total Population in Agricultural HHs	Total Households		Household Sizes					Average Household Size
		N ^o	%	One Member Household	2-3 Members Household	4-5 Members Household	6-9 Members Household	10 & above Members Household	
Rural + Urban									
Total	3,488,777	701,975	100	4.9	23.2	32.4	37.2	2.3	5.0
Male Head	2,920,428	534,214	100	1.7	17.3	33.0	45.0	2.9	5.5
Female Head	568,349	167,760	100	15.2	41.9	30.3	12.3	0.4	3.4
Rural									
Total	3,374,403	677,844	100	4.9	23.1	32.4	37.4	2.3	5.0
Male Head	2,835,040	518,324	100	1.7	17.3	33.0	45.1	2.9	5.5
Female Head	539,363	159,520	100	15.3	41.8	30.2	12.3	0.3	3.4
Urban									
Total	114,374	24,130	100	5.9	26.4	33.0	32.2	2.6	4.7
Male Head	85,388	15,890	100	2.4	18.0	33.7	42.2	3.7	5.4
Female Head	28,986	8,240	100	12.5	42.5	31.6	12.8	0.6	3.5

Average household size for agricultural households in rural areas is slightly higher than that in urban areas. The enumeration results further show that the size of households differs by the sex of head. In both rural and urban areas, male-headed agricultural households appear to have larger household size, with the difference more pronounced in rural areas. As can be observed in Summary Table III.5, on average, male-headed agricultural households in both rural and urban areas of the region have about 2 more

persons. In rural and urban areas, about 15 percent and 13 percent of female-headed agricultural households are occupied by women living alone, respectively.

The data presented in Summary Table III.6 shows that average household size in West, East and Central Tigray are similar. South Tigray Zone has relatively lower household size than the other zones. The same pattern also holds true in rural areas. In urban areas, average household size of Mekele Zone exceeded the other zones by about one person.

Summary Table III.6 Average Household Size by Zone, Place of Residence and Sex of Head of Households

Zones	Rural + Urban			Rural			Urban		
	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed
Tigray Region	5.0	5.5	3.4	5.0	5.5	3.4	4.7	5.4	3.5
West Tigray	5.1	5.5	3.5	5.1	5.5	3.5	4.5	5.2	3.3
Central Tigray	5.0	5.6	3.4	5.1	5.6	3.4	4.5	5.3	3.3
East Tigray	5.1	5.7	3.5	5.1	5.7	3.5	5.1	5.6	3.8
South Tigray	4.7	5.1	3.1	4.7	5.1	3.1	4.9	5.3	3.7
Mekele	5.9	6.5	4.6	-	-	-	5.9	6.5	4.6

3 SOCIO-ECONOMIC CHARACTERISTICS OF THE POPULATION IN AGRICULTURAL HOUSEHOLDS

In addition, the 2001/2002 Ethiopian Agricultural Sample Enumeration has collected some basic social and economic characteristics of the population residing in agricultural households. The information collected included relationship to the head of the household, marital status, literacy status and educational level, work status, employment status and type of occupation. In this respect, this section of the chapter presents some of the major findings of the sample census.

3.1 Relationship with The Head of Household

Relationship to the head of the household is an important measure of household formation and hence it is a pivot on which modern method of projecting households and

families turns. Relationship to the head of the household is considered in this report for its influence on agricultural holding status and certain decision to be taken related to agricultural activities. In the sample census the head of a household is any member of the household who is recognized as a head by the other members.

Summary Table III.7 presents the distribution of the population in agricultural households by sex, relationship to the head of the household, holding status and type of holdings for Tigray Region. Among both the males and the females the majority of the population in agricultural households is children of heads (58 percent). Next to children of heads are the heads (20.1 percent) and the spouses (14.5 percent) in the household. The proportion of heads among the males is substantially higher than that of the females, reflecting the fact that males in most societies assume execution of the major roles of the agricultural activities and the head is considered as the main breadwinner in the household as well as the ones who merely bear responsibility.

The overwhelming majority of both male and female holders (96.3 percent, and 88.4 percent, respectively) are heads of households and this dominance of heads of households is highly pronounced in the crop and livestock, and crop only holdings. Children and other relatives have substantial contribution among livestock only holders (28.5 percent, and 3.4 percent, respectively) and this phenomenon is more pronounced in the rural areas than urban areas.

Summary Table III.7 Size of Population in Agricultural Households by Sex, Relationship to the Head of Household, Holding Status and Type of Holding

Sex and Relationship to The Head	Rural + Urban					Rural					Urban				
	Total Population in Agricultural Households	Total Holders	Holders by Type of Holding			Total Population in Agricultural Households	Total Holders	Holders by Type of Holding			Total Population in Agricultural Households	Total Holders	Holders by Type of Holding		
			Crop Only	Livestock Only	Crop and Livestock			Crop Only	Livestock Only	Crop and Livestock			Crop Only	Livestock Only	Crop and Livestock
Both Sexes															
All Persons	3,488,777	739,917	145,477	54,877	539,563	3,374,403	715,620	141,301	44,035	530,284	114,374	24,297	4,176	10,841	9,279
Head	20.1	94.3	93.1	59.8	98.2	20.1	94.2	92.9	50.8	98.1	21.1	97.8	98.3	96.5	99.0
Spouse	14.5	0.4	0.3	3.0	0.2	14.5	0.4	0.3	3.3	0.2	12.9	1.2	0.9	2.0	0.4
Children	58.0	3.9	4.3	28.5	1.3	58.1	4.0	4.4	35.3	1.3	56.1	0.6	0.3	1.0	0.4
Mother/Father	0.8	0.5	1.3	2.4	0.1	0.8	0.5	1.3	3.0	0.1	0.6	0.1	0.2	0.1	0.1
Sister/Brother	0.8	0.3	0.6	2.1	0.1	0.8	0.3	0.7	2.6	0.1	1.2	0.1	0.2	0.1	*
Other Relatives	5.1	0.4	0.4	3.4	0.2	5.1	0.5	0.4	4.2	0.2	6.4	0.2	0.0	0.3	0.1
Non-Relative	0.6	0.1	0.1	0.6	*	0.6	0.1	0.1	0.7	*	1.6	*	*	*	-
Male															
All Persons	1,759,360	552,808	76,750	29,035	447,023	1,704,278	537,060	74,551	22,680	439,828	55,082	15,749	2,199	6,355	7,195
Head	30.4	96.3	95.0	62.5	98.8	30.4	96.2	94.8	52.4	98.7	28.8	99	99.2	98.3	99.5
Spouse	0.2	*	*	*	*	0.2	*	*	*	*	0.4	*	-	0.1	-
Children	62.5	2.9	3.6	29.8	1.0	62.5	3.0	3.7	37.8	1.0	61.0	0.7	0.4	1.3	0.3
Mother/Father	0.2	0.1	0.3	1.0	*	0.2	0.1	0.3	1.3	*	0.2	0.1	*	-	0.1
Sister/Brother	0.9	0.2	0.5	2.6	*	0.9	0.2	0.5	3.3	*	1.3	*	*	*	*
Other Relatives	5.0	0.3	0.4	3.2	0.1	4.9	0.3	0.4	4.0	0.1	6.6	0.1	0.0	0.2	0.1
Non-Relative	0.8	0.1	0.1	0.8	*	0.8	0.1	0.1	1.0	*	*	*	-	*	-
Female															
All Persons	1,729,417	187,108	68,727	25,841	92,540	1,670,125	178,560	66,750	21,355	90,455	59,292	8,548	1,977	4,487	2,085
Head	9.7	88.4	91.0	56.9	95.3	9.6	88.1	90.8	49.1	95.3	13.9	95.6	97.3	93.9	97.4
Spouse	29.0	1.5	0.5	6.2	0.9	29.2	1.4	0.5	6.5	0.9	24.6	3.4	2.0	4.8	1.8
Children	53.5	6.9	5.0	27.2	2.7	53.6	7.2	5.1	32.7	2.8	51.5	0.5	0.2	0.6	0.5
Mother/Father	1.3	1.7	2.3	4.0	0.6	1.3	1.8	2.4	4.9	0.7	1.0	0.1	*	0.1	-
Sister/Brother	0.7	0.6	0.8	1.6	0.1	0.7	0.6	0.8	1.9	0.1	1.2	0.2	0.4	0.1	-
Other Relatives	5.3	0.8	0.3	3.7	0.3	5.3	0.8	0.3	4.4	0.3	6.3	0.3	-	0.4	*
Non-Relative	0.4	0.1	*	0.4	*	0.4	0.1	*	0.5	*	1.5	*	0.1	-	-

3.2 Marital Status

This section presents the level and pattern of marital status of the population in the agricultural households in Tigray Region. In addition to being one of the important proximate determinants of fertility, marriage has economic and social implications. Generally, marriage is basic to family formation. In countries like Ethiopia, where the agriculture is subsistence farming, families play central role in the production processes, income maintenance, economic status,...etc.

In the census questionnaire, information was collected on the marital status of the population 10 years of age and older. The marital status was categorized into four main groups, namely never married (single), married, divorced and widowed. A person who had never been married is considered to be single, whereas married persons include, couples who are living together bonded by any kind of marital engagement at the time of the census (traditional, religious or civil marriage). Separated couples are also considered to be married, unless they had dissolved their marriage agreement legally, a person who had been married but whose marriage was dissolved through divorce before the census day is categorized as divorced, and a person whose marriage was dissolved through the death of the spouse is categorized as widowed.

Summary Table III.8 presents the distribution of the population in agricultural households by marital status and broad age group. As the data in the table indicates, little below half of the population in the agricultural households in the region is in marital union at the time of the enumeration. Those who never married constitute about 41 percent while 10.7 percent have dissolved their marriage due to divorce or the death of the spouse. The data further show that a higher proportion of the males to be in single-hood status while the incidence of dissolution of marriage are significantly higher among the females than the males. Regarding the marital status of the agricultural holders in the region, the data in the table shows that, the majority (71.7 percent) were in marital union at the time of the census.

About 92 percent and 74 percent of the young (aged 10-17 years) female population in agricultural households, and the holders, respectively are single, indicating some early start of marriage in the region's female population, particularly among holders. Further, marriage is universal in the region as evidenced by the fact that at age 50 and over the proportion of single is only about one percent for each of the males and the females.

Summary Table III.8a Population Aged 10 Years and Over in Agricultural Households by Sex, Age Group, Marital Status, and Holding Status In Tigray Region

Age Group and Holding Status	Total			Never Married			Married			Divorced			Widowed		
	M + F	M	F	M + F	M	F	M + F	M	F	M + F	M	F	M + F	M	F
All Population in Agricultural HHs															
All Ages	2,346,254	1,172,421	1,173,833	40.7	48.5	32.9	48.5	47.8	49.2	4.8	2.1	7.4	5.9	1.4	10.4
10 - 17	715,467	380,110	335,357	95.0	98.0	91.6	4.1	1.4	7.1	0.4	*	0.9	*	*	0.1
18 - 29	594,260	280,145	314,115	42.7	65.2	22.7	49.5	31.0	66.1	6.5	3.4	9.3	1.1	0.3	1.8
30 - 49	597,432	270,327	327,105	2.6	3.7	1.8	85.3	92.1	79.6	6.8	3.1	9.8	5.2	1.0	8.7
50+	439,095	241,839	197,256	1.1	1.2	0.9	69.2	90.4	43.3	6.6	2.8	11.3	23.0	5.5	44.4
Holders															
All Ages	739,515	552,622	186,893	3.2	3.0	3.6	71.7	91.9	11.8	9.5	2.4	30.7	15.6	2.7	53.9
10 - 17	3,284	1,724	1,560	84.2	93.4	74.1	7.3	*	10.6	8.4	*	15.2	-	-	-
18 - 29	91,277	63,835	27,442	12.3	12.6	11.5	67.4	82.7	31.9	15.5	4.0	42.2	4.8	0.7	14.4
30 - 49	316,698	252,136	64,562	2.0	1.8	2.8	78.7	95.0	14.6	10.0	2.0	41.0	9.3	1.0	41.6
50+	328,257	234,927	93,330	0.9	1.0	0.6	66.7	91.7	3.9	7.5	2.3	20.5	24.8	5.0	74.9

Summary Table III.8b Population Aged 10 Years and Over in Agricultural Households by Sex, Age Group, Marital Status, and Holding Status, In Rural Areas

Age Group and Holding Status	Total			Never Married			Married			Divorced			Widowed		
	M + F	M	F	M + F	M	F	M + F	M	F	M + F	M	F	M + F	M	F
All Population in Agricultural HHs															
All Ages	2,264,432	1,133,603	1,130,829	40.4	48.2	32.6	48.8	48.0	49.5	4.7	2.1	7.2	5.9	1.5	10.4
10-17	687,357	365,414	321,943	95.0	98.1	91.5	4.1	1.4	7.2	0.4	*	0.9	*	*	0.1
18-29	574,933	272,008	302,925	42.3	64.7	22.3	49.9	31.4	66.6	6.5	3.4	9.2	1.1	0.3	1.8
30-49	577,161	261,660	315,500	2.6	3.6	1.7	85.5	92.2	80.0	6.6	3.1	9.6	5.2	1.0	8.7
50+	424,982	234,521	190,461	1.0	1.2	0.8	69.4	90.5	43.5	6.4	2.8	10.9	23	5.6	44.5
Holders															
All Ages	715,218	536,873	178,345	3.2	3.0	3.6	71.9	91.9	11.6	9.3	2.3	30.2	15.6	2.7	54.5
10-17	3,203	1,670	1,533	84.4	93.4	74.6	7.1	*	10.3	8.5	*	15.2	-	-	-
18-29	88,770	62,670	26,100	12.3	12.5	11.7	67.8	82.7	31.9	15.1	3.9	42.0	4.8	0.7	14.5
30-49	305,474	244,501	60,973	2.0	1.8	2.8	79.0	95.1	14.4	9.7	2.0	40.6	9.3	1.0	42.2
50+	317,770	228,031	89,739	0.9	1.0	0.6	66.9	91.7	3.9	7.2	2.2	19.9	24.9	5.0	75.5

Summary Table III.8c Population Aged 10 Years and Over in Agricultural Households by Sex, Age Group, Marital Status, and Holding Status, In Urban Areas

Age Group and Holding Status	Total			Never Married			Married			Divorced			Widowed		
	M + F	M	F	M + F	M	F	M + F	M	F	M + F	M	F	M + F	M	F
All Population in Agricultural HHs															
All Ages	81,822	38,817	43,005	46.7	55.2	38.9	40.0	40.7	39.4	7.1	2.3	11.5	5.6	1.2	9.6
10-17	28,110	14,696	13,414	95.5	96.7	94.0	2.7	1.8	3.8	0.3	0.1	0.7	*	*	*
18-29	19,327	8,137	11,190	53.3	80.5	33.5	37.2	17.5	51.6	8.0	1.7	12.5	1.4	0.1	2.3
30-49	20,271	8,666	11,605	4.1	6.5	2.3	77.8	87.9	70.2	11.9	4.4	17.4	6.3	1.2	10
50+	14,113	7,318	6,795	1.6	1.5	1.7	63.8	88.7	37.0	12.7	4.8	21.2	21.6	4.6	39.9
Holders															
All Ages	24,297	15,749	8,548	3.2	3.2	3.1	64.2	90.9	14.9	17.2	3.6	42.3	15.4	2.2	39.7
10-17	80	53	27	78.8	92.5	51.9	16.3	7.5	*	*	-	*	-	-	-
18-29	2,506	1,165	1,341	12.1	15.9	8.8	54.2	79.1	32.4	26.8	4.5	46.2	6.9	0.0	12.5
30-49	11,224	7,635	3,589	2.2	2.2	2.2	69.7	93.5	18.9	17.5	3.0	48.4	10.6	1.2	30.4
50+	10,486	6,896	3,590	1.5	1.5	1.4	61.1	90.7	4.2	14.6	4.1	34.9	22.7	3.6	59.4

3.3 Level of Education of the Population in Agricultural Households

Education is another important social characteristic that affects the well being of individuals or societies in general. Level of education is associated with the participation as well as the productivity of agriculture. Education improves knowledge and use of agricultural practices and applied technology in agricultural operations. Therefore, compiling and analyzing data on the educational attainment of the population in the agricultural households is essential for development planning.

The 2001/02 Agriculture Sample Enumeration of Ethiopia provides two types of data regarding education, namely, literacy status and educational attainment of persons aged 5 years or more. In the census a person is considered as literate if he/she can read and write simple sentence in any language. Educational attainment was obtained by asking individuals who can read and write concerning the highest grade completed and response were classified as non formal education and grades completed in the formal school system. Formal education /regular school/ is used to describe the educational system that provides a ladder by which individuals may progress from primary school through universities. On the other hand, the non-formal education that are entertained in this census includes those persons that were not in the formal schools such as self directed, or religious/socially directed learning or teachings to read and write, with any of the languages.

The population in the agricultural households aged 10 years and over in Tigray Region classified by sex, literacy status and level of education, holding status and type of holding and place of residence is presented in Summary Table III. 9. The level of education in this table is classified as: primary level education which include grades 1-6, and above primary level education.

The data in the table reveals that 36.2 percent of the population in the agricultural households of Tigray Region to be literate. The literacy level among the urban dwellers (65.5 percent) is more than double compared to that of rural areas (35.1 percent). The census result also shows that, relatively, more males than females are found to be literate in both rural and urban areas. For instance, in rural areas 47.2 percent of males against 23.1 percent of females were literate.

About 9 percent and 7 percent, respectively, of the rural and the urban population aged 10 years and over in agricultural households were able to read and write through non-formal education. Those who attained primary level education make up 26.7 percent and 38.1 percent of the population in agricultural households of the rural and urban areas, respectively. On the other hand, very small proportion (only 3.8 percent) of the population in the rural areas of agricultural households and a relatively higher proportion (20.6 percent) of the population in the urban agricultural households have attained an educational level of above primary school.

The proportion of literates did not show much variation among the agricultural holders and non-holders. On the other hand, those who are only livestock holders are better off in terms of level of education than those engaged in crop only and crop and livestock, probably due to a high proportion of young population among only livestock holders.

With respect to the proportion of literates, population in agricultural households of Mekele Zone has relatively the highest level, probably due to its exclusive urban nature. The advantage of Mekele Zone in this regard is registered for both members other than holders and agricultural holders (see Summary Table III.10). In Central Tigray, East Tigray and South Tigray zones livestock holders are more literate than the other types of holdings, while those engaged in crop and livestock agriculture are more literate in West Tigray Zone.

Summary Table III.9 Distribution of Population in Agricultural Household Aged 10 Years and Over by Sex, Literacy Status and Educational Level, Holdings Status, Type of Holding and Place of Residence

Level of Education and Sex	Total Population in Agricultural Household	Non-Holders	All Holders	Type of Holding		
				Crop Only	Livestock Only	Crop & Livestock
Rural + Urban						
Male + Female						
Total	2,346,254	1,606,740	739,514	145,456	54,495	539,563
	100	100	100	100	100	100
Illiterate	63.8	60.9	70.2	79.8	63.9	68.3
Non-Formal	8.8	5.3	16.4	10.7	11.9	18.3
Primary	23	28	12.1	8.3	18.9	12.4
Above Primary	4.4	5.8	1.3	1.2	5.2	1
Male						
Total	1,172,420	619,799	552,621	76,750	28,848	447,023
	100	100	100	100	100	100
Illiterate	51.8	42.4	62.4	66.5	46	62.8
Non-Formal	15.2	9.7	21.3	18.9	19.6	21.8
Primary	27.3	38.3	14.8	13	27.4	14.4
Above Primary	5.7	9.6	1.4	1.6	7.1	1.1
Female						
Total	1,173,833	986,940	186,893	68,706	25,647	92,540
	100	100	100	100	100	100
Illiterate	75.8	72.5	93.2	94.6	84.2	94.7
Non-Formal	2.4	2.5	1.9	1.6	3.3	1.6
Primary	18.7	21.5	3.9	3	9.4	3.1
Above Primary	3.1	3.5	1	0.8	3.2	0.6
Rural						
Male + Female						
Total	2,264,432	1,549,214	715,218	141,280	43,654	530,284
	100	100	100	100	100	100
Illiterate	64.9	62.1	70.8	80.2	67.2	68.6
Non-Formal	8.8	5.3	16.4	10.7	11.5	18.4
Primary	22.4	27.4	11.7	7.9	18.1	12.2
Above Primary	3.8	5.1	1.1	1.1	3.1	0.9
Male						
Total	1,133,602	596,730	536,872	74,551	22,493	439,828
	100	100	100	100	100	100
Illiterate	52.8	43.6	63.1	67	49.5	63.1
Non-Formal	15.3	10	21.3	18.9	19.8	21.8
Primary	26.7	37.8	14.4	12.6	27	14.1
Above Primary	5.1	8.7	1.1	1.4	3.8	0.9
Female						
Total	1,130,828	952,484	178,344	66,729	21,160	90,455
	100	100	100	100	100	100
Illiterate	76.9	73.8	94	95	86.1	95

Summary Table III.9 (Cont'd)

Level of Education and Sex	Total Population in Agricultural Household	Non-Holders	All Holders	Type of Holding		
				Crop Only	Livestock Only	Crop & Livestock
Non-Formal	2.3	2.4	1.7	1.6	2.8	1.6
Primary	18.1	20.9	3.5	2.7	8.7	2.9
Above Primary	2.6	2.9	0.8	0.7	2.5	0.5
Urban						
Male + Female						
Total	81,821	57,525	24,296	4,176	10,841	9,279
	100	100	100	100	100	100
Illiterate	34.5	26.7	53	63.2	50.8	50.9
Non-Formal	6.8	3.7	14	10.8	13.4	16.3
Primary	38.1	44.5	23.1	19.6	22.1	25.8
Above Primary	20.6	25.1	9.9	6.4	13.6	7
Male						
Total	38,818	23,069	15,749	2,199	6,355	7,195
	100	100	100	100	100	100
Illiterate	22.2	10.1	39.8	47.5	33.7	42.9
Non-Formal	9.7	3.4	19	17.5	18.6	19.8
Primary	43.2	53.1	28.8	26.1	28.9	29.6
Above Primary	24.9	33.4	12.3	8.9	18.8	7.7
Female						
Total	43,005	34,456	8,549	1,977	4,487	2,085
	100	100	99.9	100	100	100
Illiterate	45.7	37.9	77.2	80.7	75.1	78.5
Non-Formal	4.1	3.9	4.9	3.2	6	4
Primary	33.5	38.7	12.6	12.4	12.6	12.6
Above Primary	16.7	19.5	5.4	3.6	6.4	4.9

Summary Table III.10 Proportion Literate Among Population in Agricultural Households Aged 10 Years and Over by Holding Status, Type of Holding, Zone and Place of Residence

Zones	Place of Residence	Total Population in Agricultural HHs	Total Holders	Type of Holding			Members Other than Holders
				Crop Only	Livestock Only	Crop and Livestock	
All Zones	Rural + Urban	36.2	29.8	20.2	36.1	31.7	39.1
	Rural	35.1	29.2	19.8	32.8	31.4	37.9
	Urban	65.5	47	36.7	49.2	49.1	73.3
West Tigray	Rural + Urban	28	27.8	22.1	26.1	29	28.1
	Rural	26.8	27.4	21.5	22.9	28.7	26.6
	Urban	59.8	40	32.4	41	42.7	69
Central Tigray	Rural + Urban	41	33.1	20.9	46.8	35.2	44.5
	Rural	40	32.4	20.3	45	34.8	43.5
	Urban	68.3	51.4	42.2	52.1	54.5	76.2
East Tigray	Rural + Urban	45.9	31.7	17.2	42.2	34.8	52.6
	Rural	45.5	31.4	17	41.1	34.7	52.2
	Urban	66.9	48	35.1	51.7	47.6	74.6
South Tigray	Rural + Urban	31.2	26.2	20.4	29.5	27.9	33.6
	Rural	30	25.5	20.1	25	27.5	32.2
	Urban	63.7	47.3	36.6	49.9	49.1	70.1
Mekele	Rural + Urban	76.9	53.1	*	55	52.3	83.3
	Rural	-	-	-	-	-	-
	Urban	76.9	53.1	*	55	52.3	83.3

3.4 Work Status of the Population in Agricultural Households

All persons aged 10 years and over who are members of the agricultural households in both urban and rural areas were asked whether or not they have been engaged in productive activity during most of the 12 months prior to the census date. In the census economic or productive activity was defined in terms of production of goods and services that fall within the United Nations System of National Accounts (SNA) production boundary (ILO, 1990). Hence, in the 2001/2002 Agricultural Sample Enumeration, economic activity or productive activity is defined as a work that involves the production

of goods and/or services for sale or exchange and production of certain products for own consumption. According to the above general definition, economic activity covers production of goods and services intended for sale on the market, production of other goods and services such as government activities; production and processing of primary products (agriculture, hunting, fishing, forestry and logging; and mining and quarrying) for own consumption, processing of primary products by the producers themselves, production of other commodities where part of it is sold on the market; and own account construction and fixed asset formation (expected life use of one year or more). Such economic activities could be performed for an individual, family or private enterprise, government establishment or public organization. The remuneration may be on daily, weekly, monthly, yearly or contract basis.

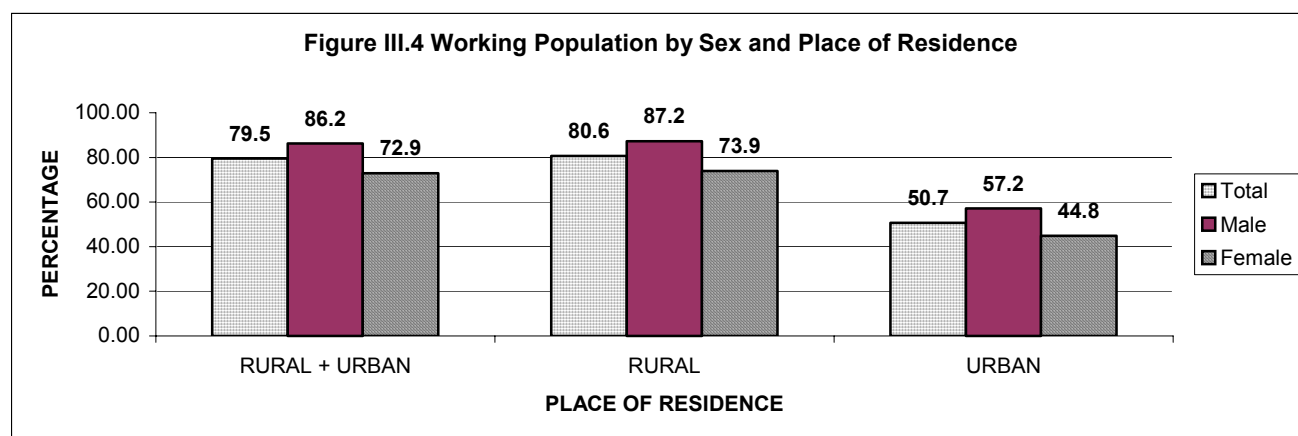
For a person to be counted as working during most of the last 12 months, he/she has to be engaged in any kind of economic activity at least for half of the reference year. In the case of persons engaged in agriculture, it was decided to consider them as being engaged in economic activity during most of the last 12 months if they have worked during most of the main agricultural season of the reference year. The distribution of the population aged 10 years and over in agricultural households of Tigray Region classified by sex, age group and work status is presented in Summary Table III.11. According to the census result, out of the total 2,346,254 persons aged 10 years and over who are members of the agricultural households in the region, 79.5 percent were reported to have engaged in some kind of productive activity during the 12 months prior to the enumeration date. The proportion of working population among the male is relatively higher than that of females, that is, 86.2 percent of the males against 72.9 percent among the females were engaged in productive activity during the 12 months prior to the survey data.

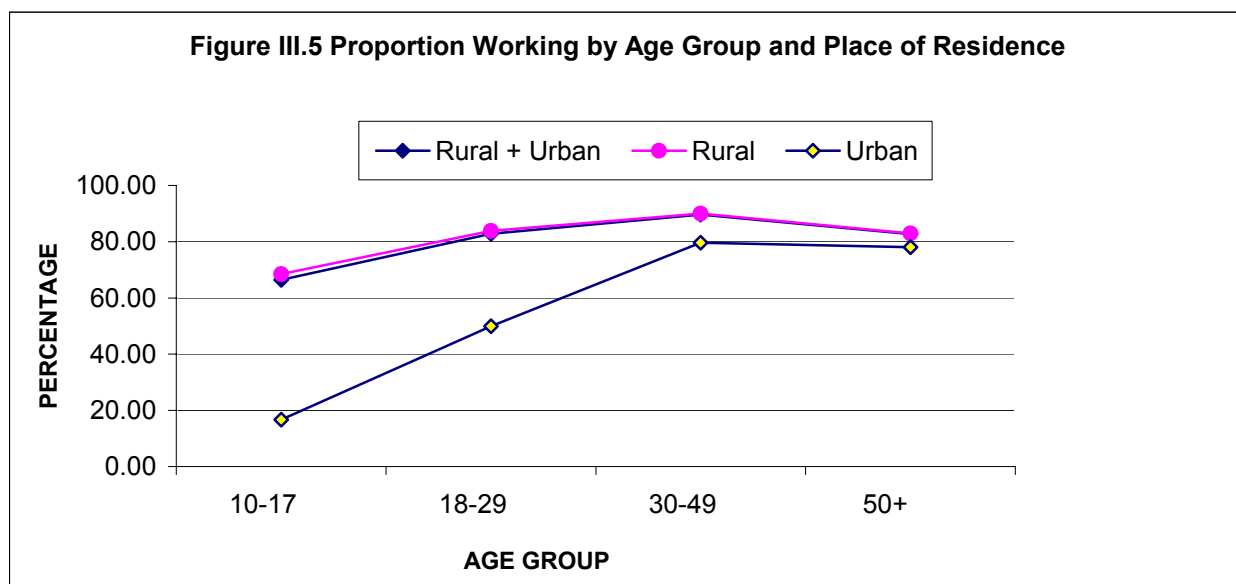
Consistent with previous surveys, engagement in productive activity is higher in the rural areas than the urban areas of the region. In rural areas more than four-fifths of the agricultural population was working during most of the 12 months prior to the survey date. Where as, the working persons in urban areas constituted about 51 percent of the population in question. In both rural and urban areas, the proportion working among the males is higher than that of the females with almost equal range of gender disparity (See Figure III.4).

**Summary Table III.11 Percentage Distribution of Population in Agricultural Households
Aged 10 Years and Over by Sex, Age Group, Working Status, and Place of Residence**

Sex/Age Group	RURAL + URBAN				RURAL				URBAN			
	Total		Percent Working	Percent Not Working	Total		Percent Working	Percent Not Working	Total		Percent Working	Percent Not Working
	No	%			No	%			No	%		
Both Sexes												
All Ages	2,346,249	100.0	79.5	20.3	2,264,432	100.0	80.6	19.3	81,822	100.0	50.7	48.7
10-17	715,463	100.0	66.4	33.2	687,357	100.0	68.5	31.3	28,110	100.0	16.7	81.8
18-29	594,258	100.0	82.8	17.1	574,933	100.0	83.9	16.0	19,327	100.0	49.9	50.0
30-40	597,430	100.0	89.6	10.4	577,161	100.0	90.0	10.0	20,271	100.0	79.6	20.4
50+	439,095	100.0	82.7	17.3	424,982	100.0	82.9	17.1	14,113	100.0	78.1	21.7
Male												
All Ages	1,172,420	100.0	86.2	13.6	1,133,603	100.0	87.2	12.7	38,817	100.0	57.2	42.2
10-17	380,109	100.0	72.9	26.7	365,414	100.0	75.0	24.7	14,696	100.0	20.1	78.5
18-29	280,146	100.0	86.5	13.4	272,008	100.0	87.5	12.4	8,137	100.0	52.6	47.3
30-40	270,325	100.0	98.1	1.9	261,660	100.0	98.2	1.8	8,666	100.0	95.3	4.7
50+	241,839	100.0	93.6	6.4	234,521	100.0	93.6	6.4	7,318	100.0	91.5	8.2
Female												
All Ages	1,173,829	100.0	72.9	27.0	1,130,829	100.0	73.9	26.0	43,005	100.0	44.8	54.6
10-17	335,353	100.0	59.1	40.6	321,943	100.0	61.1	38.7	13,414	100.0	12.9	85.4
18-29	314,114	100.0	79.5	20.5	302,925	100.0	80.7	19.3	11,190	100.0	47.9	52.0
30-40	327,106	100.0	82.6	17.4	315,500	100.0	83.2	16.8	11,605	100.0	67.9	32.2
50+	197,256	100.0	69.4	30.5	190,461	100.0	69.6	30.3	6,795	100.0	63.6	36.2

As can be seen from Figure III.5 engagement in productive activity is highest for persons of middle age (30 -49 years). As expected, the proportion working is lowest for the children aged 10-17 years. This phenomenon holds true for both the males and the females in rural as well as urban areas. One special feature in urban areas is that the proportion of the working children aged 10-17 years is very low compared to those persons in the upper age groups (see Figure III.5).





Summary Table III.12 presents the proportion of working population in agricultural households by zone, place of residence and sex. The levels of engagement in productive activity show some variation between zones. In rural areas, the proportion engaged in productive activity ranged from 75.8 percent for East Tigray Zone to 85 percent for Central Tigray Zone. On the other hand, in urban areas the proportion ranged from 42.8 percent for Mekele Zone to 56.8 percent for Central Tigray Zone. In all the zones males have higher engagement level than females, the gap being wider for rural and urban South Tigray Zone.

Summary Table III.12 Proportion of Population in Agricultural Households Aged 10 Years and Over Who Were Engaged in Productive Activities by Sex, Place of Residence and Zone

Zones	Rural + Urban			Rural			Urban		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Tigray Region	79.5	86.3	72.9	80.7	87.3	74.0	51.0	57.5	45.1
West Tigray	78.6	88.1	68.7	79.7	89.1	69.9	48.9	58.2	40.5
Central Tigray	84.0	86.7	81.4	85.0	87.7	82.3	56.8	57.3	56.4
East Tigray	75.1	81.5	69.6	75.8	82.0	70.0	51.3	56.8	46.5
South Tigray	78.4	87.7	68.9	79.5	88.7	70.2	48.7	60.4	37.3
Mekele	42.6	48.2	37.3	-	-	-	42.8	48.2	37.3

3.5 Reason for Not Working

The distribution of non-working population in agricultural households by main reason for not working and selected background variables is presented in Summary Table III.13. In both the rural and the urban areas of the region, the two most important reasons for not working are attending school or being a student and home making, together constituting 78.8 percent (46.3% + 32.5%). Disability or illness, and old age have very little contribution. The patterns, in the urban and the rural areas are similar, with higher proportion of students in urban areas.

The distribution of reasons for not working among the male population is different from that of the females. Students make up the overwhelming majority (72.8 percent) among non-working males while homemaking is the major (46.1 percent) reason for not working among the females.

The pattern of reason for not working varies as age increases. As expected students make up the majority (72.9 percent) of non working population aged 10-17 years, while students and homemakers are important reasons among those aged 18-29 years, contributing 46 percent and 44 percent, respectively. On the other hand, homemakers constitute the majority (73.8 percent) of non-working population aged 30-49 years, while old age/pension is the major reason for not working among those aged 50 years and above.

3.6 Type of Occupation for Working population

Data on type of occupation was collected for all persons who have reported to have been engaged in productive activity during most of the last 12 months. The response to the question is classified as fully agricultural, partially agricultural and non-agricultural. This information provides the extent to which the agricultural population is engaged in other activities.

Summary Table III.13 Non Working Population in Agricultural Households by Reason for Not Working and Some Background Variables

Back ground Variables	Reason for not Working					
	Total not Working	Student	Home Maker	Disabled /ill	Old Age/ Pension	Others
All Persons	477,343	46.3	32.5	4.6	9.0	7.5
Place of Residence						
Rural	437,479	44.5	33.4	4.9	9.5	7.7
Urban	39,863	66.9	23.2	1.7	3.8	4.4
Sex						
Male	159,878	72.8	5.6	5.6	6.8	9.2
Female	317,465	33.0	46.1	4.2	10.1	6.6
Age						
10 - 17	237,813	72.9	19.5	1.7	0.1	5.8
18 - 29	101,900	46.0	44.1	4.6	0.3	5.0
30 - 49	61,863	1.1	73.8	9.6	1.2	14.2
50+	75,767	0.3	24.3	10.0	55.0	10.4
Zones						
West Tigray	129,813	35.5	42.9	4.5	8.7	8.5
Central Tigray	119,338	59.5	15.5	6.4	11.9	6.7
East Tigray	101,042	50.3	27.4	4.4	10.4	7.5
South Tigray	123,347	40.8	42.9	3.4	5.6	7.3
Mekele	3,802	78.5	15.0	-	1.7	4.0

Summary Table III.14 presents the distribution of the population in the agricultural households aged 10 years and over who are engaged in productive activity by type of occupation and background variables. The census result shows that about 93 percent of the population in agricultural households aged 10 years and over was engaged in fully agricultural activities, while only about 5.4 percent of the population was engaged in partially agricultural activities. The proportion of population engaged in non-agricultural activities only was negligible, amounting to 1.2 percent. Contrary to the expectations, in urban areas the proportion engaged in fully agricultural activities is larger than those who engaged in partial or non-agricultural activities.

Similar pattern of type of occupation was observed among the males and the females. Also there is little variation by age in the type of occupation. All the zones, except Mekele Zone have similar distribution of type of occupation for the population in agricultural households. Mekele Zone depicted substantially higher proportion of non-agricultural population.

Summary Table III.14 Percentage Distribution of Population in Agricultural Households Engaged in Productive Activity by Type of Occupation and Some Background Variables

Back ground Variables	Total Working		Fully Agricultural	Partially Agricultural	Non Agricultural
	No.	%			
All Persons	1,866,123	100	93.4	5.4	1.2
Place of Residence					
Rural	1,824,637	100	94.2	4.9	0.9
Urban	41,486	100	55.4	30.1	14.6
Sex					
Male	1,010,959	100	94.2	4.7	1.1
Female	855,164	100	92.4	6.3	1.2
Age					
10 – 17	475,367	100	94.5	4.7	0.8
18 – 29	492,032	100	92.3	5.7	2.0
30 – 49	535,567	100	92.2	6.6	1.2
50+	363,156	100	95.2	4.2	0.6
Zones					
West Tigray	478,184	100	90.5	8.2	1.3
Central Tigray	628,345	100	96.0	3.3	0.7
East Tigray	308,123	100	92.2	6.3	1.6
South Tigray	448,622	100	94.0	4.7	1.3
Mekele	2,848	100	37.5	29.2	33.3

3.7 Employment Status of Population Engaged in Agricultural Activities

Employment status of working population indicates the level of involvement and degree of decision-making in the respective activities. In this sample enumeration persons engaged in fully or partially agricultural activities were asked to report the employment status in that activity.

According to the data presented in Summary Table III.15, unpaid family workers constituted the highest proportion (61.3 percent) of the population in agricultural households who are engaged in agricultural activities. About 34.4 percent of the working population were own account workers working in their farms alone or with the help of family members but with out hiring labor. The proportion who hires others in their farm is only 3.2 percent, showing the low capacity of the region's agricultural industry to create employment opportunity for non holders. On the other hand, only one percent of

the population in agricultural households engaged in agricultural activities were employees.

Summary Table III.15 Percentage Distribution of Population in Agricultural Households Engaged in Agricultural Activities by Employment Status and Some Background Variables

Place of Residence Age/Sex	Total Engaged in Agricultural Activity		Employer	Own Account Worker	Employee	Unpaid Family Worker
	No	%				
All Persons	1,844,118	100	3.2	34.4	1.0	61.3
Place of Residence						
Rural	1,808,672	100	3.1	34.0	1.0	61.9
Urban	35,446	100	10.1	52.4	3.0	34.4
Sex						
Male	999,486	100	4.5	48.4	1.6	45.6
Female	844,632	100	1.8	17.8	0.4	80.0
Age						
10 - 17	471,603	100	0.2	0.5	1.6	97.7
18 - 29	482,430	100	1.2	16.0	1.8	81.0
30 - 49	529,082	100	5.0	53.1	0.4	41.5
50+	361,003	100	7.4	75.7	0.2	16.6
Zones						
West Tigray	472,090	100	4.4	31.8	1.5	62.3
Central Tigray	624,155	100	1.9	33.5	0.5	64.1
East Tigray	303,295	100	2.2	36.7	0.5	60.6
South Tigray	442,679	100	4.6	36.7	1.7	57.0
Mekele	1899	100	6.0	48.1	9.0	36.9

The situations in urban and rural areas are different, where the tendency to work for the family without payment is less common in urban areas. Also, being employer is relatively more pronounced in the urban areas than the rural areas. The overwhelming majority (80 percent) of female respondents in agricultural households who are engaged in agricultural activities are unpaid family workers while self-employment (own account) is relatively the common type of employment status (48.4) among males, showing the dominance of males over females in the tradition/culture of the society. As in the case of other variables, the distribution by employment status of the working population in agricultural households did not show noticeable variation among the zones, with exception of Mekele Zone.

**STATISTICAL TABLES PRESENTING RESULTS
AT**

ZONE AND WOREDA LEVELS

TABLES 3.1 - 3.5

Table 3.1 Distribution of Population in Agricultural Household by Status and Type of Holding, Percent Female, Rural and Urban Areas, Zone and Wereda

Geographic Area	Total Agricultural Population		All Non-Holders		Agricultural Holders							
					All Holders		Type of Holdings					
							Crop Only		Livestock only		Crop & Livestock	
	Total	% Female	Total	% Female	Total	% Female	Total	% Female	Total	% Female	Total	%Female
Tigray Region												
Rural + Urban	3,488,777	49.6	2,748,861	56.1	739,917	25.3	145,477	47.2	54,877	47.1	539,563	17.2
Rural	3,374,403	49.5	2,658,783	56.1	715,620	25.0	141,301	47.2	44,035	48.5	530,284	17.1
Urban	114,374	51.8	90,077	56.3	24,297	35.2	4,176	47.3	10,841	41.4	9,279	22.5
West Tigray Zone												
Rural + Urban	904,877	48.8	719,525	55.8	185,352	21.8	24,832	43.4	14,860	50.1	145,661	15.2
Rural	874,704	48.7	696,113	55.8	178,591	21.2	23,481	43.3	12,228	50.9	142,882	15.0
Urban	30,173	51.7	23,412	56.0	6,761	36.8	1,350	45.9	2,632	46.5	2,779	23.1
Kafta wereda												
Rural + Urban	57,017	47.8	44,844	54.7	12,173	22.2	3246	26.6	942	50.7	7,985	17.1
Rural	50,521	47.5	39,795	54.6	10,726	21.1	2830	26.0	636	47.2	7,260	17.0
Urban	6,495	49.9	5,049	55.6	1,447	30.3	416	30.5	306	58.5	725	18.3
Tahtay Adiyabo wereda												
Rural + Urban	85,935	49.7	67,089	55.6	18,845	28.4	2,922	51.1	1,793	41.4	14,131	22.1
Rural	77,804	49.4	60,737	55.6	17,067	27.1	2,492	51.0	1,274	38.1	13,302	21.6
Urban	8,131	52.4	6,353	55.6	1,778	41.0	430	51.6	519	49.7	829	30.0
Laelay Adiyabo wereda												
Rural + Urban	107,482	47.5	85,134	54.2	22,348	21.7	4,178	38.6	1,484	51.3	16,686	14.8
Rural	105,629	47.4	83,679	54.2	21,950	21.5	4,101	38.7	1,297	52.0	16,552	14.8
Urban	1,854	49.1	1455	53.7	398	32.7	77	36.4	187	45.5	135	12.6
Tahtay Koraro wereda												
Rural + Urban	73,897	49.5	59,417	56.5	14,480	21.2	2,493	40.0	862	50.0	11,125	14.7
Rural	71,316	49.5	57,368	56.5	13,949	20.7	2,455	39.9	561	57.2	10,933	14.5
Urban	2,580	51.1	2,049	55.5	531	34.1	38	50.0	302	36.4	191	27.2
Medebay Zana wereda												
Rural + Urban	116,712	49.3	92,363	56.0	24,349	24.1	4,407	58.0	1,527	47.8	18,415	14.0
Rural	114,184	49.2	90,494	56.0	23,690	23.3	4,152	57.3	1,375	47.9	18,163	13.6
Urban	2,528	55.6	1,869	56.5	659	53.1	255	68.2	153	47.1	252	41.3

Table 3.1 (Cont'd)

Geographic Area	Total Agricultural Population		All Non-Holders		Agricultural Holders							
					All Holders		Type of Holdings					
							Crop Only		Livestock only		Crop & Livestock	
	Total	% Female	Total	% Female	Total	% Female	Total	% Female	Total	% Female	Total	%Female
Asegede Tsimbela wereda												
Rural + Urban	116,276	48.3	93,816	55.2	22,460	19.9	1,830	54.7	1,684	51.4	18,947	13.7
Rural	113,561	48.2	91,687	55.1	21,874	19.5	1,788	55.5	1,300	53.4	18,786	13.8
Urban	2,715	53.4	2129	59.0	586	33.1	41	22.0	384	44.3	161	9.3
Tselemti wereda												
Rural + Urban	147,463	49.2	118,008	56.9	29,455	18.6	2,117	45.0	2,101	60.0	25,238	12.9
Rural	144,620	49.2	115,798	56.9	28,822	18.3	2,077	44.8	1,697	*	25,047	12.9
Urban	2,844	50.8	2,210	56.3	634	31.5	39	51.3	403	39.5	191	11.0
Welkait wereda												
Rural + Urban	120,549	48.4	95,276	55.4	25,273	22.3	2,675	38.3	3,152	45.2	19,446	16.3
Rural	117,800	48.3	93,182	55.3	24,618	21.9	2,641	38.5	2,798	44.3	19,179	16.4
Urban	2,749	51.7	2,094	56.7	655	35.7	35	25.7	354	52.3	267	15.0
Tsegede wereda												
Rural + Urban	79,546	49.8	63,578	57.7	15,968	18.3	964	29.7	1,315	57.3	13,689	13.7
Rural	79,268	49.7	63,373	57.6	15,896	18.2	946	29.1	1,289	58.0	13,661	13.7
Urban	277	54.5	205	59.0	72	41.7	19	63.2	26	26.9	28	42.9
Central Tigray Zone												
Rural + Urban	1,112,274	49.9	878,050	56.1	234,224	26.7	45,818	52.6	13,048	40.8	175,358	18.9
Rural	1,076,330	49.8	850,146	56.1	226,185	26.1	44,400	52.4	9,783	38.6	172,002	18.7
Urban	35,944	53.5	27,905	56.8	8,039	42.0	1,418	60.0	3,265	47.2	3,356	29.4
Mereb Lehe wereda												
Rural + Urban	95,333	50.2	75,787	56.4	19,546	26.5	4,148	52.8	1,113	45.9	14,285	17.4
Rural	91,403	50.1	72,746	56.2	18,657	26.0	4,106	52.8	622	46.0	13,930	17.3
Urban	3,930	54.0	3,041	58.9	889	37.1	43	58.1	491	45.8	356	22.5
Ahiferom wereda												
Rural + Urban	163,285	51.0	127,969	56.4	35,316	31.8	7,620	55.2	861	32.8	26,835	25.2
Rural	158,298	51.0	124,148	56.4	34,149	31.3	7,281	54.1	698	32.5	26,171	25.0
Urban	4,987	51.9	3,820	53.5	1,167	46.6	340	77.1	163	33.7	664	34.2

Table 3.1 (Cont'd)

Geographic Area	Total Agricultural Population		All Non-Holders		Agricultural Holders							
					All Holders		Type of Holdings					
							Crop Only		Livestock only		Crop & Livestock	
	Total	% Female	Total	% Female	Total	% Female	Total	% Female	Total	% Female	Total	% Female
Werie Lehe wereda												
Rural + Urban	132,024	50.8	103,206	57.1	28,818	28.3	5,058	53.2	2,041	48.3	21,719	20.7
Rural	129,413	50.8	101,208	57.2	28,205	27.8	4,926	52.8	1,824	46.6	21,455	20.5
Urban	2,611	53.3	1,998	53.4	613	52.9	132	71.2	217	62.7	264	35.6
Adwa wereda												
Rural + Urban	118,529	49.2	93,527	54.9	25,002	28.0	4,901	56.4	1,516	44.8	18,585	19.1
Rural	115,119	49.0	90,826	54.8	24,294	27.6	4,787	56.7	1,192	45.6	18,315	18.8
Urban	3,409	54.5	2,701	57.6	708	42.8	114	47.4	324	42.0	270	41.9
Laelay Maychew wereda												
Rural + Urban	79,324	50.2	62,951	55.2	16,373	31.0	3,170	54.0	1391	49.9	11,812	22.6
Rural	70,263	49.9	55,717	55.2	14,546	29.8	2,939	54.5	344	53.2	11,262	22.6
Urban	9,061	52.4	7,234	55.3	1,827	40.9	230	48.7	1047	48.8	550	22.7
Tahtay Maychew wereda												
Rural + Urban	87,150	50.6	68,727	56.3	18,424	29.3	4,494	53.3	779	62.6	13,151	19.2
Rural	85,467	50.6	67,457	56.3	18,010	29.0	4,412	53.4	554	67.1	13,044	19.1
Urban	1,683	53.4	1,270	56.1	413	45.0	82	48.8	225	51.6	107	27.1
Naeder Adet wereda												
Rural + Urban	109,849	50.2	86,935	57.2	22,914	23.8	3,250	61.4	1,409	39.1	18,256	15.9
Rural	108,102	50.1	85,652	57.1	22,450	23.3	3,044	61.3	1,378	39.3	18,028	15.7
Urban	1,748	57.6	1,283	61.2	465	47.5	206	62.6	31	*	228	36
Kola Temben wereda												
Rural + Urban	140,600	48.9	111,092	55.4	29,508	24.5	5,465	55.6	2,668	26.9	21,375	16.2
Rural	136,213	48.7	107,669	55.3	28,544	23.9	5,372	55.5	2,107	22.3	21,065	16.0
Urban	4,388	54.7	3,423	58.3	965	42.0	93	61.3	562	44.1	310	32.6

Table 3.1 (Cont'd)

Geographic Area	Total Agricultural Population		All Non-Holders		Agricultural Holders							
					All Holders		Type of Holdings					
							Crop Only		Livestock only		Crop & Livestock	
	Total	% Female	Total	% Female	Total	%	Total	%	Total	% Female	Total	%Female
Degua Temben wereda												
Rural + Urban	107,938	48.6	85,062	55.8	22,876	21.7	6,177	37.8	874	28.1	15,825	15.0
Rural	106,587	48.5	84,050	55.8	22,537	21.4	6,045	37.7	800	25.6	15,692	14.9
Urban	1,351	51.5	1,012	55.2	339	40.7	132	46.2	74	55.4	133	27.1
Tanqu Abergele wereda												
Rural + Urban	78,242	48.8	62,795	56.3	15,447	18.1	1,535	50.9	396	42.7	13,516	13.7
Rural	75,466	48.5	60,673	56.0	14,793	17.7	1,488	51.3	265	40.0	13,040	13.4
Urban	2,776	55.0	2,122	63.4	654	27.5	47	*	131	48.1	476	21.0
East Tigray Zone												
Rural + Urban	608,981	51.0	477,656	56.1	131,325	32.1	28,295	56.1	12173	42.8	90,857	23.2
Rural	597,515	50.9	468,473	56.1	129,042	32.1	27,950	56.1	10892	44.0	90,201	23.2
Urban	11,466	51.7	9,183	56.4	2,283	33.1	345	52.8	1282	31.8	656	25.2
Gulumahada wereda												
Rural + Urban	79,983	50.9	62,885	56.2	17,098	31.5	3,782	51.6	1527	52.7	11,789	22.3
Rural	79,357	50.9	62,388	56.2	16,969	31.5	3,724	51.6	1499	53.1	11,747	22.3
Urban	626	49.2	497	52.3	129	38.0	59	50.8	28	28.6	42	23.8
Erob wereda												
Rural + Urban	22,737	48.8	18,469	54.4	4,269	24.4	503	46.3	670	33.0	3,096	18.9
Rural	22,538	48.7	18,303	54.4	4,236	24.2	503	46.3	642	32.4	3,091	19.0
Urban	199	51.8	166	54.2	33	39.4	-	-	28	46.4	6	-
Saesi Tsaedamba wereda												
Rural + Urban	124,546	50.7	98,551	55.1	25,996	34.3	6,538	59.5	2215	41.9	17,243	23.7
Rural	122,728	50.7	97,086	55.0	25,642	34.2	6,483	59.5	1982	42.3	17,178	23.7
Urban	1,818	54.1	1,465	56.9	353	42.2	55	61.8	233	39.1	65	36.9
Ganta Afeshum wereda												
Rural + Urban	98,083	52.5	76,143	57.6	21,941	34.8	5,306	52.8	1728	49.1	14,907	26.7
Rural	95,679	52.5	74,177	57.6	21,502	34.8	5,275	52.9	1377	53.1	14,850	26.7
Urban	2,404	52.5	1,966	56.9	438	32.6	31	48.4	350	33.7	57	17.5

Table 3.1 (Cont'd)

Geographic Area	Total Agricultural Population		All Non-Holders		Agricultural Holders							
					All Holders		Type of Holdings					
							Crop Only		Livestock only		Crop & Livestock	
	Total	% Female	Total	% Female	Total	%	Total	%	Total	% Female	Total	%Female
Hawzen wereda												
Rural + Urban	101,448	50.4	78,587	55.7	22,861	32.1	4,823	61.0	2,067	43.8	15,971	21.8
Rural	99,702	50.4	77,209	55.7	22,493	32.1	4,783	61.0	1,925	44.8	15,785	21.7
Urban	1,746	51.5	1,378	57.0	368	31.3	40.0	67.5	142	30.3	186	24.2
Wukro wereda												
Rural + Urban	79,631	50.2	62,845	56.1	16,785	28.1	3,136	54.0	2,020	42.8	11,630	18.6
Rural	76,876	50.2	60,637	56.1	16,239	28.1	3,095	54.0	1,685	46.2	11,459	18.5
Urban	2,754	51.1	2,208	56.6	546	28.8	41	56.1	334	25.4	171	28.7
Atsbi Wenberta wereda												
Rural + Urban	102,552	51.4	80,177	56.8	22,375	31.8	4,206	56.0	1,948	32.5	16,221	25.4
Rural	100,635	51.4	78,674	56.8	21,961	31.8	4,087	56.3	1,781	32.7	16,092	25.5
Urban	1,918	50.5	1,503	55.8	415	31.1	119	43.7	167	29.9	129	20.9
South Tigray Zone												
Rural + Urban	854,249	48.9	666,657	56.4	187,592	22.2	46,474	38.6	13,605	54.9	127,513	12.8
Rural	825,854	48.9	644,052	56.4	181,802	22.1	45,470	38.8	11,133	58.9	125,199	12.8
Urban	28,395	50.4	22,605	56.7	5,790	25.5	1,004	31.7	2,472	37.1	2,314	10.5
Seharte Samre wereda												
Rural + Urban	115,846	48.9	91,717	56.4	24,128	20.5	3,709	35.7	1,544	40.9	18,875	15.9
Rural	113,838	48.8	90,127	56.3	23,711	20.3	3,686	35.7	1,354	40.2	18,671	15.9
Urban	2,007	54.2	1,590	60.2	417	31.2	23	39.1	190	45.3	205	17.1
Enderta wereda												
Rural + Urban	110,912	49.1	87,703	56.8	23,209	20.2	5,203	36.7	1,228	61.1	16,778	12.1
Rural	107,473	49.1	84,953	56.8	22,520	20.0	5,092	37.1	876	70.3	16,553	12.1
Urban	3,439	50.9	2,750	56.9	689	27.1	112	20.5	352	38.1	225	13.8
Hintalo Wajirat wereda												
Rural + Urban	128,882	49.9	99,623	57.4	29,259	24.7	7,944	52.3	902	68.1	20,413	12.0
Rural	126,338	50.0	97,570	57.4	28,769	24.7	7,823	52.6	833	68.4	20,112	12.0
Urban	2,544	48.3	2,054	54.0	490	24.5	121	28.1	69	63.8	300	14.0

Table 3.1 (Cont'd)

Geographic Area	Total Agricultural	All Non-Holders	Agricultural Holders
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	Population				All Holders		Type of Holdings					
	Total	% Female	Total	% Female	Total	% Female	Crop Only		Livestock only		Crop & Livestock	
							Total	%	Total	% Female	Total	%Female
Ambalage wereda												
Rural + Urban	94,636	48.0	73,715	55.5	20,921	21.8	6,868	36.9	706	56.4	13,347	12.3
Rural	92,500	48.0	72,035	55.4	20,465	21.9	6,795	37.0	525	64.2	13,145	12.4
Urban	2,136	50.6	1,680	59.2	456	18.6	73	20.5	181	33.7	202	4.0
Endamehoni wereda												
Rural + Urban	79,262	50.2	61,335	57.0	17,927	26.9	5,656	47.0	886	44.4	11,384	15.6
Rural	76,438	50.1	59,068	57.0	17,370	26.7	5,515	47.0	569	49.2	11,287	15.6
Urban	2,823	51.5	2,267	55.4	556	35.4	142	47.9	317	35.6	98	16.3
Rayaaazebo wereda												
Rural + Urban	105,008	47.6	82,452	55.4	22,555	19.1	3,627	29.3	2497	56.9	16,432	11.0
Rural	102,498	47.5	80,451	55.3	22,047	18.8	3,569	29.4	2256	58.2	16,223	11.0
Urban	2,510	51.5	2,002	57.1	508	29.5	58	24.1	242	44.6	209	12.9
Alamata wereda												
Rural + Urban	84,997	48.8	65,379	56.1	19,618	24.6	4,406	35.6	3927	54.7	11,285	9.7
Rural	75,267	48.8	57,669	56.0	17,597	24.9	4,052	35.8	3092	61.0	10,453	10.0
Urban	9,731	49.2	7,710	56.5	2,020	21.3	353	33.1	834	31.7	833	6.0
Wofla wereda												
Rural + Urban	134,707	48.8	104,731	56.7	29,976	21.1	9,061	30.2	1916	58.4	18,999	12.9
Rural	131,503	48.8	102,180	56.7	29,322	20.9	8,939	30.2	1627	62.1	18,756	12.9
Urban	3,205	50.7	2,551	56.6	654	27.4	122	31.1	289	37.4	243	13.6
Mekele Zone												
Rural + Urban	8,396	50.1	6,972	53.9	1,423	31.6	*	*	1191	33.2	174	27.0
Rural	-	-	-	-	-	-	-	-	-	-	-	-
Urban	8,396	50.1	6,972	53.9	1,423	31.6	*	*	1191	33.2	174	27.0

Table 3.2 Average Household Size of Zones and Weredas by Place of Residence and Sex of Head of Households

Geographic Area	Rural + Urban			Rural			Urban		
	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed
Tigray Region	5.0	5.5	3.4	5.0	5.5	3.4	1.2	5.4	3.5
West Tigray Zone	5.1	5.5	3.5	5.1	5.5	3.5	1.2	5.2	3.3
Kafta wereda	4.8	5.2	3.6	4.9	5.2	3.6	1.1	4.9	3.6
Tahtay Adieu wereda	4.8	5.3	3.7	4.8	5.3	3.7	1.4	5.5	3.4
Laelay Adieu wereda	5.1	5.4	3.6	5.1	5.4	3.6	1.1	5.2	3.7
Tahtay Koran wereda	5.3	5.7	3.4	5.3	5.7	3.4	1.2	5.6	3.5
Medebay Zana wereda	5.1	5.6	3.2	5.1	5.6	3.3	1.6	4.9	2.9
Asegede Tsimbela wereda	5.3	5.7	3.7	5.4	5.7	3.7	1.2	5.2	3.5
Tselemti wereda	5.1	5.5	3.4	5.1	5.6	3.4	1.0	5.1	3.2
Welkait wereda	4.9	5.3	3.4	4.9	5.3	3.4	1.1	4.9	3.0
Tsegede wereda	5.1	5.4	3.7	5.1	5.4	3.7	1.2	4.7	2.9
Central Tigray Zone	5.0	5.6	3.4	5.1	5.6	3.4	1.3	5.3	3.3
Mereb Lehe wereda	5.1	5.7	3.4	5.2	5.7	3.4	1.2	5.1	3.4
Ahiferom wereda	5.0	5.6	3.4	5.0	5.7	3.4	1.5	5.2	3.3
Werie Leh wereda	5.0	5.5	3.3	5.0	5.5	3.3	1.9	5.0	3.5
Adwa wereda	5.1	5.8	3.4	5.2	5.8	3.4	1.4	5.8	3.6
Laelay Maych wereda	5.0	5.6	3.6	5.0	5.6	3.6	1.2	5.8	3.5
Tahtay Maych wereda	4.9	5.6	3.2	4.9	5.6	3.2	1.2	4.8	3.1
Naeder Adet wereda	5.1	5.7	2.9	5.1	5.7	2.9	1.4	4.4	3.0
Kola Temben wereda	5.2	5.6	3.8	5.2	5.6	3.9	1.4	5.4	3.4
Degua Temben wereda	5.0	5.4	3.5	5.0	5.4	3.5	1.1	4.7	2.8
Tanqu Aberge wereda	5.2	5.6	3.4	5.3	5.7	3.5	0.8	4.8	2.9
East Tigray Zone	5.1	5.7	3.5	5.1	5.7	3.5	1.2	5.6	3.8
Gulumahada wereda	5.3	5.9	3.5	5.3	6.0	3.5	0.6	5.2	3.4
Erob wereda	5.7	6.1	4.0	5.7	6.1	4.0	1.9	6.8	4.9
Saesi Tsaeda wereda	5.2	5.9	3.7	5.2	5.9	3.7	1.8	6.1	4.3

Table 3.2 (Cont'd)

Geographic Area	Rural + Urban			Rural			Urban		
	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed	Total	Male Headed	Female Headed
Ganta Afeshu wereda	5.0	5.6	3.6	5.0	5.6	3.6	1.4	6.0	4.4
Hawzen wereda	5.0	5.6	3.5	5.0	5.6	3.5	1.1	5.4	3.3
Wukro wereda	5.1	5.7	3.4	5.1	5.7	3.4	1.0	5.7	3.4
Atsbi Wenberta wereda	4.8	5.4	3.4	4.8	5.4	3.4	1.1	5.1	3.6
South Tigray Zone	4.7	5.1	3.1	4.7	5.1	3.1	1.0	5.3	3.7
Seharte Samr wereda	5.1	5.6	3.3	5.1	5.6	3.2	1.2	5.4	3.7
Enderta wereda	5.0	5.3	3.3	5.0	5.3	3.3	1.2	5.4	4.3
Hintalo Wajirat wereda	4.5	5.0	2.8	4.5	5.0	2.8	1.0	5.7	3.8
Ambalage wereda	4.7	5.1	3.2	4.7	5.1	3.2	0.7	5.0	3.5
Endamehoni wereda	4.7	5.2	3.1	4.7	5.1	3.1	1.3	5.8	3.7
Rayazebo wereda	4.7	5.1	3.2	4.7	5.1	3.2	1.2	5.2	4.3
Alamata wereda	4.5	4.9	3.0	4.4	4.9	3.0	0.8	5.2	3.5
Wofla wereda	4.6	5.0	3.0	4.6	5.0	3.0	0.9	5.5	3.4
Mekele Zone	5.9	6.5	4.6	-	-	-	1.4	6.5	4.6

Table 3.3 Distribution of population in Agricultural Households by Sex, Marital Status, Place of Residence , Zone and Wereda

Geographic Area	Total			Never Married			Married			Divorced			Widowed		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Tigray Region															
Rural + Urban	2,346,254	1,172,421	1,173,833	40.7	48.5	32.9	48.5	47.8	49.2	4.8	2.1	7.4	5.9	1.4	10.4
Rural	2,264,432	1,133,603	1,130,829	40.4	48.2	32.6	48.8	48.0	49.5	4.7	2.1	7.2	5.9	1.5	10.4
Urban	81,822	38,817	43,005	46.7	55.2	38.9	40.0	40.7	39.4	7.1	2.3	11.5	5.6	1.2	9.6
West Tigray Zone															
Rural + Urban	608,391	311,595	296,796	38.5	46.8	29.9	50.7	49.2	52.4	5.2	2.8	7.8	5.4	1.2	9.8
Rural	586,950	301,466	285,484	38.4	46.6	29.7	51.1	49.4	52.8	5.1	2.8	7.6	5.4	1.2	9.8
Urban	21,441	10,129	11,312	42.9	52.9	34.0	41.5	42.6	40.5	9.0	3.0	14.4	6.2	1.2	10.6
Kafta wereda															
Rural + Urban	38,963	20,685	18,278	38.4	48.3	27.2	50.2	47.4	53.3	6.4	3.4	9.9	4.9	0.8	9.5
Rural	33,935	18,196	15,739	37.3	47.5	25.4	51.6	48.4	55.3	6.3	3.3	9.7	4.8	0.8	9.5
Urban	5,028	2,488	2,539	46.2	54.4	38.2	40.7	40.4	40.9	7.3	3.8	10.8	5.3	1.4	9.2
Tahtay Adiyabo wereda															
Rural + Urban	55,870	27,928	27,942	35.9	46.1	25.7	49.6	48.1	51.2	6.9	3.6	10.2	7.4	2.0	12.8
Rural	50,141	25,268	24,873	35.1	45.2	24.8	50.8	48.8	52.8	6.5	3.7	9.4	7.5	2.1	12.9
Urban	5,729	2,660	3,069	43.3	54.7	33.3	39.6	41.0	38.4	9.8	2.6	16.1	6.8	1.2	11.6
Laelay Adiyabo wereda															
Rural + Urban	71,978	37,891	34,087	38.0	46.0	29.2	51.4	50.0	53.0	5.0	2.4	7.9	5.5	1.5	9.9
Rural	70,735	37,281	33,455	38.0	45.9	29.2	51.5	50.0	53.1	5.0	2.5	7.7	5.5	1.5	10.0
Urban	1,243	611	632	38.5	49.9	27.4	48.7	47.8	49.5	8.9	1.5	16.0	3.9	0.5	7.1
Tahtay Koraro wereda															
Rural + Urban	50,899	26,000	24,899	44.9	52.4	37.1	46.0	44.0	48.1	4.0	1.7	6.3	5.0	1.7	8.3
Rural	49,034	25,097	23,938	44.8	52.2	37.0	46.2	44.2	48.4	3.9	1.8	6.2	4.9	1.7	8.2
Urban	1,864	903	962	47.9	57.6	38.8	40.2	39.3	41.0	5.3	0.8	9.5	6.2	2.0	10.1
Medebay Zana wereda															
Rural + Urban	80,747	40,636	40,111	40.4	48.6	32.2	50.1	48.1	52.1	4.4	1.9	6.9	5.0	1.4	8.8
Rural	79,021	39,912	39,109	40.4	48.5	32.2	50.3	48.2	52.5	4.2	1.9	6.5	5.0	1.4	8.6
Urban	1,727	724	1,002	41.6	54.7	32.2	36.8	41.2	33.6	13.2	4.0	19.9	8.3	0.1	14.3

Table 3.3 (Cont'd)

Geographic Area	Total			Never Married			Married			Divorced			Widowed		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Asegede Tsimbela wereda															
Rural + Urban	78,751	41,005	37,746	39.8	48.8	29.9	50.5	48.0	53.3	4.1	2.2	6.2	5.5	0.9	10.5
Rural	76,907	40,140	36,767	39.7	48.8	29.8	50.7	48.0	53.5	4.1	2.2	6.1	5.5	0.9	10.5
Urban	1,844	865	979	40.8	48.6	33.8	45.3	47.3	43.5	7.7	1.6	13.1	6.1	2.2	9.6
Tselemti wereda															
Rural + Urban	95,097	48,787	46,310	36.4	43.5	28.8	54.2	52.9	55.5	4.1	2.4	5.9	5.3	1.1	9.7
Rural	93,119	47,844	45,275	36.3	43.4	28.8	54.4	53.1	55.8	4.0	2.4	5.7	5.3	1.1	9.6
Urban	1,978	942	1,035	38.6	48.8	29.3	45.3	46.9	44.0	9.0	3.2	14.3	6.6	0.4	12.3
Welkait wereda															
Rural + Urban	82,897	41,581	41,316	38.2	46.0	30.4	49.7	49.5	50.0	6.6	3.8	9.4	5.4	0.7	10.1
Rural	81,022	40,703	40,319	38.2	45.9	30.4	49.9	49.6	50.2	6.5	3.8	9.3	5.4	0.7	10.1
Urban	1,875	878	997	40.1	48.9	32.4	42.2	44.0	40.7	11.4	5.5	16.6	6.2	1.6	10.2
Tsegede wereda															
Rural + Urban	53,190	27,084	26,106	35.6	43.1	27.8	52.4	51.5	53.4	7.0	4.1	10.1	4.9	1.1	8.8
Rural	53,037	27,026	26,011	35.6	43.2	27.8	52.4	51.5	53.4	7.0	4.1	10.0	4.9	1.1	8.8
Urban	154	58	96	27.3	27.6	27.1	48.7	69	36.5	22.7	3.4	34.4	-	-	-
Central Tigray Zone															
Rural + Urban	748,389	370,074	378,315	41.3	49.1	33.7	48.1	47.7	48.4	3.9	1.6	6.1	6.5	1.4	11.6
Rural	723,247	358,575	364,672	41.2	48.9	33.6	48.4	48.0	48.8	3.7	1.6	5.9	6.5	1.4	11.6
Urban	25,143	11,499	13,643	46.0	55.3	38.1	39.2	40.7	37.8	7.8	1.8	12.9	6.3	1.2	10.7
Mereb Lehe wereda															
Rural + Urban	63,682	31,001	32,681	38.6	46.5	31.1	49.6	49.6	49.6	3.8	1.1	6.3	7.5	2.1	12.6
Rural	61,116	29,811	31,305	38.5	46.3	31.0	49.8	49.8	49.8	3.6	1.1	6.0	7.6	2.2	12.7
Urban	2,566	1,190	1,376	42.3	51.7	34.2	45.1	45.9	44.3	7.2	1.8	11.9	4.9	*	9.0
Ahiferom wereda															
Rural + Urban	110,573	53,075	57,498	42.5	50.5	35.1	45.3	46.1	44.5	5.1	1.4	8.5	6.9	1.8	11.6
Rural	107,330	51,572	55,758	42.4	50.3	35.2	45.5	46.3	44.7	4.9	1.4	8.2	6.9	1.8	11.7
Urban	3,243	1,503	1,740	44.0	58.8	31.1	39.0	38.5	39.4	10.7	1.6	18.6	6.0	*	10.7

Table 3.3 (Cont'd)

Geographic Area	Total			Never Married			Married			Divorced			Widowed		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Werie Lehe wereda															
Rural + Urban	88,034	42,296	45,738	41.3	48.4	34.8	48.5	49.3	47.9	3.8	1.6	5.8	6.1	0.5	11.3
Rural	86,289	41,550	44,739	41.3	48.2	34.8	48.8	49.5	48.2	3.6	1.6	5.4	6.1	0.5	11.3
Urban	1,745	746	999	45.2	57.1	36.2	33.5	36.6	31.1	14.8	3.8	23	6.2	*	9.7
Adwa wereda															
Rural + Urban	80,369	40,174	40,195	45.5	52.1	38.8	44.4	44.3	44.5	3.4	2.0	4.7	6.7	1.4	11.9
Rural	77,828	39,030	38,798	45.2	51.9	38.5	44.8	44.6	45.0	3.3	2.0	4.6	6.7	1.4	11.9
Urban	2,541	1,145	1,397	52.6	59.0	47.4	33.8	36.2	31.7	5.9	1.9	9.2	7.0	1.8	11.3
Laelay Maychew wereda															
Rural + Urban	54,808	26,970	27,838	47.5	55.7	39.5	41.4	41.3	41.4	3.9	1.3	6.5	6.9	1.3	12.4
Rural	47,880	23,697	24,183	46.7	55	38.5	42.2	42.0	42.3	3.9	1.3	6.4	7.0	1.3	12.6
Urban	6,928	3,272	3,655	53.0	60.7	46.1	35.8	36.4	35.3	4.2	0.9	7.1	6.4	1.3	10.9
Tahtay Maychew wereda															
Rural + Urban	58,651	28,764	29,887	41.4	50.1	33.0	47.4	47.5	47.3	4.1	0.9	7.2	6.8	1.2	12.2
Rural	57,531	28,264	29,267	41.5	50.2	33.0	47.4	47.5	47.3	4.0	0.9	7.0	6.9	1.2	12.3
Urban	1,120	500	620	37.3	45.2	31.1	47.4	49.0	46.1	9.5	*	15.8	4.5	*	6.9
Naeder Adet wereda															
Rural + Urban	75,375	36,891	38,484	43.4	49.3	37.8	48.4	48.5	48.4	2.8	1.1	4.4	5.3	1.0	9.4
Rural	74,236	36,431	37,805	43.5	49.3	37.9	48.5	48.5	48.6	2.6	1.1	4.1	5.2	1.0	9.3
Urban	1,139	460	679	34.9	44.8	28.3	41.4	48.5	36.5	11.9	*	17.7	9.5	-	15.9
Kola Temben wereda															
Rural + Urban	95,545	47,807	47,738	37.5	45.6	29.3	52.0	50.9	53.0	3.7	2.0	5.3	6.7	1.4	12.1
Rural	92,460	46,460	46,001	37.2	45.3	29.0	52.5	51.2	53.7	3.5	2.1	5.0	6.7	1.4	12.1
Urban	3,085	1,348	1,737	45.5	55.0	38.2	37.8	41.2	35.2	7.8	1.6	12.7	7.9	1.3	13.0
Degua Temben wereda															
Rural + Urban	71,147	36,881	34,266	39.4	48.1	30.1	49.1	47.2	51.1	4.4	2.5	6.4	7.0	1.9	12.4
Rural	70,186	36,436	33,750	39.4	48.1	30.0	49.2	47.2	51.3	4.3	2.5	6.2	7.0	1.9	12.4
Urban	961	445	516	39.5	46.1	33.9	42.7	45.4	40.3	10.0	2.7	16.5	5.6	*	9.3

Table 3.3 (Cont'd)

Geographic Area	Total			Never Married			Married			Divorced			Widowed		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Tanqu Abergele wereda															
Rural + Urban	50,205	26,215	23,990	35.6	45.0	25.3	55.6	52.2	59.3	3.4	1.4	5.7	5.3	1.4	9.6
Rural	48,391	25,324	23,066	35.6	45.0	25.2	55.8	52.2	59.7	3.2	1.4	5.3	5.3	1.4	9.7
Urban	1,815	891	924	35.6	44.8	26.8	50.9	50.7	51.0	9.0	*	14.7	4.5	1.5	7.5
East Tigray Zone															
Rural + Urban	410,378	197,529	212,850	43.0	50.7	35.8	44.3	44.3	44.3	5.3	2.4	8.0	7.0	2.1	11.5
Rural	402,458	193,825	208,634	42.9	50.7	35.7	44.3	44.3	44.4	5.3	2.4	8.0	7.0	2.1	11.6
Urban	7,920	3,704	4,216	46.9	54.1	40.7	41.3	41.9	40.8	5.9	1.6	9.7	4.8	1.2	7.9
Gulumahada wereda															
Rural + Urban	54,557	25,964	28,593	43.9	50.2	38.1	44.1	44.6	43.7	3.7	1.9	5.4	7.6	2.8	12.0
Rural	54,177	25,785	28,392	43.9	50.3	38.1	44.0	44.5	43.6	3.7	1.9	5.4	7.7	2.8	12.1
Urban	380	179	201	39.2	41.9	36.3	55.3	57.5	52.7	3.4	-	6.5	2.4	-	4.5
Erob wereda															
Rural + Urban	15,308	7,732	7,576	46.5	53.4	39.5	44	42.2	45.9	4.0	1.7	6.4	4.8	1.9	7.7
Rural	15,170	7,672	7,499	46.4	53.3	39.4	44.1	42.3	46.0	4.0	1.7	6.3	4.8	2.0	7.7
Urban	138	61	77	58.7	67.2	53.2	33.3	32.8	33.8	5.1	-	9.1	2.2	-	3.9
Saeso Tsaedamba wereda															
Rural + Urban	83,785	40,466	43,319	43.4	52.4	34.9	43.6	42.5	44.6	5.7	2.9	8.2	7.1	1.9	12.1
Rural	82,491	39,886	42,604	43.3	52.3	34.8	43.7	42.6	44.8	5.7	3	8.2	7.2	1.9	12.1
Urban	1,295	579	715	50.2	59.2	42.9	35.9	37.0	35	6.6	1.7	10.6	5.8	0.9	9.8
Ganta Afeshum wereda															
Rural + Urban	68,450	31,922	36,528	45.1	51.6	39.4	42.2	43.5	41.1	4.5	1.6	7.1	7.6	2.7	11.8
Rural	66,730	31,123	35,607	44.9	51.4	39.2	42.3	43.7	41.1	4.5	1.6	7.1	7.7	2.8	12.0
Urban	1,721	799	921	52.3	59.2	46.5	38.4	37.9	38.8	4.2	1.0	7.1	4.4	1.4	6.9
Hawzen wereda															
Rural + Urban	69,535	33,779	35,756	43.5	50.7	36.7	43.9	43.5	44.3	4.9	2.8	6.8	7.3	2.3	12.0
Rural	68,301	33,194	35,107	43.4	50.6	36.6	44.0	43.6	44.4	4.8	2.8	6.7	7.3	2.3	12.0
Urban	1,234	585	649	47.2	54.0	41.0	39.5	38.8	40.2	6.8	3.4	9.7	4.7	*	8.0

Table 3.3 (Cont'd)

Geographic Area	Total			Never Married			Married			Divorced			Widowed		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Wukro wereda															
Rural + Urban	51,780	25,516	26,264	41.7	50.0	33.5	46.2	46.1	46.3	5.8	2.1	9.3	6.2	1.5	10.8
Rural	49,791	24,549	25,242	41.4	49.8	33.2	46.5	46.3	46.6	5.8	2.2	9.3	6.3	1.5	11.0
Urban	1,990	968	1,022	48.5	56.3	41.1	40.1	39.4	40.7	5.5	1.5	9.1	4.9	1.7	8.0
Atsbi Wenberta wereda															
Rural + Urban	66,963	32,149	34,814	39.3	48.0	31.4	46.3	46.9	45.9	7.5	3.1	11.6	6.5	1.6	11.1
Rural	65,799	31,616	34,183	39.4	48.1	31.4	46.2	46.7	45.8	7.5	3.1	11.5	6.5	1.6	11.1
Urban	1,164	533	631	33.5	39.6	28.4	52	56.8	47.9	8.2	1.1	14.3	5.3	1.3	8.7
South Tigray Zone															
Rural + Urban	572,407	289,865	282,542	40.2	47.7	32.4	49.8	48.9	50.8	5.0	1.9	8.1	4.9	1.3	8.7
Rural	551,777	279,738	272,039	39.9	47.5	32.1	50.1	49.1	51.1	4.9	1.9	8.0	4.9	1.3	8.7
Urban	20,630	10,127	10,503	47.0	53.8	40.4	42.0	41.9	42.0	5.7	2.4	8.9	4.7	1.3	8.1
Seharte Samre wereda															
Rural + Urban	74,562	37,649	36,913	41.3	47.2	35.3	50.7	50	51.5	3.4	1.5	5.2	4.4	0.9	8.1
Rural	73,229	37,046	36,183	41.3	47.1	35.3	50.8	50	51.7	3.3	1.5	5.1	4.4	0.9	8.0
Urban	1,333	603	730	41.9	49.6	35.5	44.6	48.4	41.5	7.2	*	12.3	5.6	-	10.1
Enderta wereda															
Rural + Urban	75,037	36,949	38,088	41.8	47.6	36.3	49.4	49.4	49.5	3.5	1.5	5.5	5.1	1.5	8.6
Rural	72,458	35,692	36,766	41.6	47.3	36.0	49.8	49.8	49.9	3.5	1.4	5.4	5.1	1.5	8.5
Urban	2,579	1,257	1,322	49.9	57.5	42.7	38.3	38.3	38.3	4.4	2.3	6.4	6.9	1.8	11.9
Hintalo Wajirat wereda															
Rural + Urban	87,245	43,537	43,708	39.6	47.9	31.3	49.6	49.2	50.0	5.0	1.1	8.9	5.6	1.6	9.7
Rural	85,359	42,550	42,809	39.3	47.6	31.1	49.9	49.5	50.2	5.0	1.1	8.9	5.7	1.6	9.7
Urban	1,885	987	898	50.3	59.6	40.1	39.6	37.2	42.3	4.2	1.6	7.0	4.7	0.8	9.0
Ambalage wereda															
Rural + Urban	63,534	32,451	31,083	40.4	47.7	32.7	50.7	49.4	52.1	4.3	1.3	7.5	4.5	1.5	7.7
Rural	61,982	31,716	30,265	40.2	47.7	32.4	50.8	49.4	52.3	4.3	1.3	7.5	4.5	1.5	7.7
Urban	1,552	735	818	45.2	47.5	43.0	46.5	48.4	44.6	5.0	2.3	7.3	3.2	1.2	5.0

Table 3.3 (Cont'd)

Geographic Area	Total			Never Married			Married			Divorced			Widowed		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Endamehoni wereda															
Rural + Urban	53,261	26,035	27,226	39.5	47.1	32.2	48.3	49.0	47.6	6.6	2.4	10.6	5.4	1.2	9.5
Rural	51,118	25,018	26,101	38.9	46.6	31.6	48.8	49.5	48.1	6.7	2.5	10.7	5.4	1.1	9.5
Urban	2,143	1,017	1,126	53.1	60.9	46.2	35.2	35.8	34.7	4.4	0.8	7.7	6.5	1.8	10.8
Rayaazebo wereda															
Rural + Urban	69,187	36,544	32,643	38.3	47.5	27.9	52.1	49.4	55.1	5.9	2.3	9.9	3.8	0.8	7.1
Rural	67,400	35,672	31,729	38.1	47.4	27.6	52.4	49.6	55.5	5.8	2.2	9.8	3.7	0.8	7.0
Urban	1,787	873	914	44.3	51.1	37.9	41.0	41.8	40.3	9.1	4.5	13.6	5.1	1.9	8.1
Alamata wereda															
Rural + Urban	57,963	30,305	27,658	39.1	48.6	28.7	48.0	45.9	50.2	7.8	3.9	12.0	4.9	1.3	8.9
Rural	50,937	26,778	24,159	38.3	48.3	27.3	48.3	46.1	50.7	8.1	4.0	12.5	5.2	1.4	9.3
Urban	7,026	3,527	3,499	44.8	51.2	38.3	45.5	44.3	46.7	5.8	2.8	8.7	3.4	1.0	5.8
Wofla wereda															
Rural + Urban	91,618	46,395	45,223	40.7	48.0	33.3	49.3	48.3	50.3	4.5	2.0	7.1	5.4	1.6	9.4
Rural	89,293	45,266	44,027	40.5	47.8	33.0	49.5	48.5	50.6	4.4	2.0	7.0	5.4	1.6	9.4
Urban	2,325	1,129	1,195	48.4	55.0	42.3	39.4	40.1	38.9	6.8	2.7	10.5	5.0	1.7	8.1
Mekele Zone															
Rural + Urban	6,688	3,358	3,331	60.0	67.5	52.4	30.8	29.7	31.9	4.1	2.0	6.3	4.7	0.6	8.9
Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Urban	6,688	3,358	3,331	60.0	67.5	52.4	30.8	29.7	31.9	4.1	2	6.3	4.7	0.6	8.9

Table 3.4 Proportion of Literate Population in Agricultural Households by Place of Residence, Sex, Zone and Wereda

Geographic Area	Rural + Urban			Rural			Urban		
	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex	Male	Female
Tigray Region	36.2	48.2	24.2	35.1	47.2	23.1	65.5	77.8	54.3
West Tigray Zone	28.0	38.4	17.0	26.8	37.2	15.8	59.8	73.5	47.6
Kafta wereda	42.7	55.0	28.8	39.7	52.8	24.5	63.3	71.2	55.6
Tahtay Adiyabo wereda	31.8	43.5	20.2	28.8	40.5	16.9	58.5	72.3	46.6
Laelay Adiyabo wereda	27.9	39.1	15.4	27.3	38.6	14.8	57.4	71.5	43.8
Tahtay Koraro wereda	39.3	49.6	28.6	38.2	48.4	27.5	69.5	83.2	56.7
Medebay Zana wereda	32.4	44.2	20.4	31.7	43.5	19.7	63.3	85.4	47.4
Asegede Tsimbela wereda	25.5	34.0	16.3	24.7	33.1	15.5	58.4	74.8	43.9
Tselemti wereda	24.8	35.6	13.5	24.2	34.9	12.9	54.8	71.9	39.4
Welkait wereda	20.3	28.9	11.7	19.6	28.1	11.0	50.7	65.4	37.7
Tsegede wereda	17.1	26.4	7.4	17.0	26.3	7.3	51.3	75.9	36.5
Central Tigray Zone	41.0	54.4	27.8	40.0	53.4	26.8	68.3	83.5	55.4
Mereb Lehe wereda	36.8	51.1	23.2	35.6	50.0	21.9	65.7	80.6	52.8
Ahiferom wereda	52.0	67.4	37.7	51.5	66.9	37.3	66.4	86.1	49.4
Werie Lehe wereda	46.2	60.8	32.7	45.9	60.5	32.3	62.9	78.4	51.4
Adwa wereda	52.1	64.2	39.9	51.2	63.5	38.8	79.1	88.8	71.1
Laelay Maychew wereda	55.3	68.5	42.6	52.5	65.8	39.5	74.9	87.7	63.4
Tahtay Maychew wereda	36.9	51.1	23.2	36.4	50.6	22.8	58.1	78.0	42.1
Naeder Adet wereda	33.2	45.5	21.4	32.7	44.9	20.9	63.1	87.8	46.4
Kola Temben wereda	33.1	48.2	17.9	32.0	47.2	16.6	66.3	83.8	52.7
Degua Temben wereda	32.1	42.5	20.9	31.7	42.1	20.5	60.7	76.2	47.3
Tanqu Abergele wereda	23.2	35.8	9.4	21.9	34.6	8.0	56.9	69.2	44.8
East Tigray Zone	45.9	61.3	31.7	45.5	61.0	31.2	66.9	78.0	57.2
Gulumahada wereda	50.9	67.0	36.2	50.8	67.0	36.1	57.6	70.9	45.8
Erob wereda	46.3	58.2	34.2	46.0	58.0	33.8	73.9	85.2	66.2
Saesi Tsaedamba wereda	46.4	65.9	28.2	46.0	65.6	27.6	72.0	83.6	62.7

Table 3.4 (Cont'd)

Geographic Area	Rural + Urban			Rural			Urban		
	Both Sex	Male	Female	Both Sex	Male	Female	Both Sex	Male	Female
Ganta Afeshum wereda	54.5	68.7	42.1	54.0	68.3	41.5	76.4	86.4	67.9
Hawzen wereda	42.3	56.9	28.6	41.9	56.6	28.1	64.7	74.2	56.1
Wukro wereda	44.0	55.1	33.1	43.1	54.4	32.2	64.6	73.6	56.2
Atsbi Wenberta wereda	37.8	53.7	23.1	37.5	53.3	22.8	55.8	73.4	40.9
South Tigray Zone	31.2	41.4	20.7	30.0	40.2	19.4	63.7	73.4	54.3
Seharte Samre wereda	30.0	40.1	19.7	29.5	39.5	19.2	60.8	77.6	47.1
Enderta wereda	34.7	40.1	29.4	33.4	38.6	28.3	71.3	81.9	61.3
Hintalo Wajirat wereda	31.2	43.1	19.3	30.5	42.4	18.6	63.6	73.8	52.3
Ambalage wereda	33.6	47.0	19.8	32.9	46.2	18.9	62.8	77.6	49.4
Endamehoni wereda	32.0	45.0	19.6	30.2	43.4	17.6	75.1	85.3	65.8
Rayaazebo wereda	22.3	29.3	14.5	21.4	28.4	13.6	55.3	64.5	46.5
Alamata wereda	34.6	43.0	25.3	31.1	39.9	21.3	60.1	66.7	53.5
Wofla wereda	31.6	44.4	18.3	30.7	43.7	17.4	64.0	75.5	53.1
Mekele Zone	76.9	84.9	68.7	-	-	-	76.9	84.9	68.7

Table 3.5 Distribution of Population in Agricultural Households Aged 10 Years and Over by Sex, Working Status During the Last 12 Months, Reason for not Working, Percent Female, Zone and Wereda

Geographic Area			Not Working by Reason for not Working														Working Status Not Stated	
	working		Total not Working		Student		Home Maker		Disabled/ill		Old Age/pension		Others		Not Stated			
	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female
Tigray Region	1,866,099	45.8	477,343	66.5	221,224	47.4	155,375	94.2	22,177	59.8	42,945	74.7	35,622	58.5	*	*	2,789	43.0
West Tigray Zone	478,160	42.6	129,813	71.4	46,052	47.6	55,654	94.6	5,830	54.0	11,240	77.5	11,037	57.1	*	*	394	42.9
Kafta wereda	22,798	32.3	16,123	67.5	6,374	44.9	7,333	91.3	430	50.9	694	69.5	1,293	48.3	*	*	-	-
Tahtay Adiyabo wereda	42,999	44	12,773	70.3	4,784	47.6	5,353	97.6	609	58.1	803	72.6	1,224	43.8	*	*	99	-
Laelay Adiyabo wereda	58,172	42.8	13,782	66.6	4,509	42.3	5,469	89.7	891	67.7	1,287	71.3	1,626	51.8	*	*	*	*
Tahtay Koraro wereda	41,280	46.2	9,557	60.4	5,329	46.3	2,041	96.1	475	41.1	612	69.0	1,101	65.7	*	*	62	-
Medebay Zana wereda	68,930	47.2	11,816	64.2	6,504	50.5	2,752	91.9	398	-	1,225	65.1	937	76.8	*	*	1	100
Asegede Tsimbela wereda	64,364	42.2	14,384	73.6	5,731	55.6	4,866	96.4	679	60.2	1,720	83.2	1,387	62.8	*	*	-	-
Tselemti wereda	78,113	44.3	16,876	69.4	5,858	47.0	6,714	89.1	857	48.5	2,095	81.3	1,352	63.3	*	*	-	-
Welkait wereda	63,474	41.0	19,364	78.8	4,745	45.2	10,728	97.2	878	53.6	1,656	88.8	1,357	55.7	*	*	-	-
Tsegede wereda	38,030	35.0	15,139	84.4	2,220	46.9	10,398	98.4	614	37.3	1,147	78.4	760	49.7	*	*	-	-
Central Tigray Zone	628,345	49.0	119,338	58.9	71,054	47.3	18,463	91.5	7,682	66.9	14,192	70.9	7,946	58.2	*	*	706	37.5
Mereb Lehe wereda	52,878	49.7	10,712	59.6	6,237	46.6	1,592	88.6	1,160	66.4	1,456	80.8	267	47.2	*	*	93	-
Ahiferom wereda	92,252	52.1	18,249	51.6	12,391	43.6	1,705	80.6	1,053	73.0	2,166	63.0	934	55.2	*	*	-	-
Werie Lehe wereda	77,136	51.2	10,832	57.7	6,718	48.6	1,195	91.0	878	62.8	1,251	68.7	789	61.3	*	*	-	-
Adwa wereda	59,936	47.1	20,386	58.7	15,360	51.9	2,178	94.8	926	61.7	1,219	72.4	703	66.4	*	*	-	-
Laelay Maychew wereda	43,001	48.7	11,620	58.7	7,156	46.7	1,666	99.3	584	77.4	1,094	59.0	1,119	65.1	*	*	187	41.2
Tahtay Maychew wereda	52,262	49.8	6,324	60.3	3,229	45.5	941	88.5	386	65.3	1,040	67.5	727	76.9	*	*	-	-
Naeder Adet wereda	66,335	50.7	8,959	54.1	4,396	40.4	1,328	78.8	663	56.1	1,695	68.6	878	55.5	*	*	-	-
Kola Temben wereda	83,773	48.4	11,745	61.3	6,504	45.5	2,348	95.7	369	72.1	1,572	81.6	952	46.7	*	*	27	59.3
Degua Temben wereda	58,741	45.5	12,342	60.8	7,062	51.5	1,705	86.3	1,036	65.9	1,671	75.4	868	52.3	*	*	-	-
Tanqu Abergele wereda	42,032	42.5	8,169	74.8	2,000	43.5	3,805	97.5	627	72.2	1,028	70.6	710	50.3	*	*	-	-

Table 3.5(Cont'd)

Geographic Area			Not Working by Reason for not Working														Working Status Not Stated	
	working		Total not Working		Student		Home Maker		Disabled/ill		Old Age/pension		Others		Not Stated			
	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female	No	% Female
East Tigray Zone	308,123	47.9	101,042	64.0	50,813	47.1	27,717	92.5	4,465	59.2	10,513	72.6	7,534	63.4	*	*	1,214	42.3
Gulumahada wereda	41,505	50.5	12,795	58.2	7,017	46.0	1,718	92.9	859	54.0	2,093	67.7	1,107	66.6	*	*	258	68.6
Erob wereda	9,211	42.4	6,089	60.2	3,304	42.4	1,763	94.3	119	54.6	314	71.0	588	53.6	*	*	-	-
Saesi Tsaedamba Wereda	69,418	48.8	14,192	65.6	7,252	45.3	4,438	90.1	298	-	1,433	90.2	771	68.6	*	*	-	-
Ganta Afeshum Wereda	46,704	49.3	21,555	62.2	11,560	49.3	5,673	89.0	1,323	55.0	1,814	68.5	1,186	57.6	*	*	-	-
Hawzen wereda	53,993	47.8	15,245	64.5	6,697	48.2	3,797	92.2	971	61.5	2,836	69.4	944	56.9	*	*	296	30.7
Wukro wereda	39,576	45.2	12,106	69.1	6,275	49.9	3,597	97.6	473	68.5	881	80.5	881	78.9	*	*	-	-
Atsbi Wenberta wereda	47,715	46.5	19,060	66.2	8,707	45.5	6,731	94.1	422	62.1	1,141	68.7	2,059	62.0	*	*	188	4.3
South Tigray Zone	448,622	43.4	123,347	71.1	50,321	47.8	52,969	95.6	4,172	55.6	6,935	81.2	8,952	56.7	*	*	437	50.8
Seharte Samre wereda	65,661	46.2	8,861	74.0	3,434	51.9	3,479	94.2	426	79.3	677	86.0	846	68.9	*	*	-	-
Enderta wereda	54,651	41.7	20,282	74.9	8,463	58.8	7,603	96.8	378	61.9	994	85.7	2,844	62.4	*	*	104	84.6
Hintalo Wajirat wereda	67,489	46.9	19,713	61.0	9,398	46.1	6,538	84.4	701	36.2	1,236	84.5	1,840	47.6	*	*	-	-
Ambalage wereda	53,965	47.0	9,565	59.6	4,978	37.2	2,874	97.3	677	56.9	586	85.5	451	38.6	*	*	4	*
Endamehoni wereda	43,431	47.5	9,734	67.2	4,422	48.3	3,043	93.2	528	64.4	998	72.1	744	68.5	*	*	96	-
Rayaazebo wereda	53,488	38.0	15,658	78.4	4,937	44.0	8,999	99.6	403	55.6	666	79.7	654	58	*	*	-	-
Alamata wereda	36,708	31.3	21,186	76.0	6,806	42.7	12,682	97.1	412	52.9	621	69.6	664	35.5	*	*	69	-
Wofla wereda	73,230	43.6	18,349	72.5	7,883	49.5	7,753	97.6	647	50.2	1,157	83.9	909	59.6	*	*	-	-
Mekele Zone	2,848	43.2	3,802	54.4	2,984	46.2	572	98.8	0	0	65	81.5	152	42.8	*	*	38	-

**ESTIMATES, STANDARD ERRORS AND COEFFICIENT OF
VARIATIONS FOR SELECTED DEMOGRAPHIC VARIABLES**

Annex Table 3.1

Annex Table 3.1 Distribution of Population in Agricultural Household by Status and Type of Holding, Percent Female, Rural and

Urban Areas, Zone and Wereda

Geographic Area	Total Agricultural Population			All Non-Holders			Agricultural Holders											
										Type of Holdings								
							All Holders			Crop Only			Livestock only			Crop & Livestock		
	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV
Tigray Region																		
Rural + Urban	3,488,777	28,033	1	2,748,861	23,164	1	739,917	5,926	1	145,477	3,513	2	54,877	2,121	4	539,563	5,261	1
Rural	3,374,403	27,956	1	2,658,783	23,101	1	715,620	5,913	1	141,301	3,512	2	44,035	2,092	5	530,284	5,260	1
Urban	114,374	2,080	2	90,077	1,706	2	24,297	388	2	4,176	86	2	10,841	349	3	9,279	114	1
West Tigray Zone																		
Rural + Urban	904,877	18,973	2	719,525	15,470	2	185,352	4,043	2	24,832	1,368	6	14,860	1,458	10	145,661	3,276	2
Rural	874,704	18,971	2	696,113	15,468	2	178,591	4,043	2	23,481	1,367	6	12,228	1,457	12	142,882	3,275	2
Urban	30,173	255	1	23,412	255	1	6,761	11	-	1,350	43	3	2,632	50	2	2,779	58	2
Kafta wereda																		
Rural + Urban	57,017	4,412	8	44,844	3,484	8	12,173	990	8	3,246	572	18	942	116	12	7,985	626	8
Rural	50,521	4,410	9	39,795	3,481	9	10,726	990	9	2,830	571	20	636	114	18	7,260	625	9
Urban	6,495	132	2	5,049	132	3	1,447	2	-	416	25	6	306	19	6	725	28	4
Tahtay Adiyabo wereda																		
Rural + Urban	85,935	3,944	5	67,089	3,342	5	18,845	718	4	2,922	400	14	1,793	229	13	14,131	704	5
Rural	77,804	3,941	5	60,737	3,340	6	17,067	718	4	2,492	400	16	1,274	227	18	13,302	703	5
Urban	8,131	139	2	6,353	139	2	1,778	10	1	430	25	6	519	30	6	829	34	4
Laelay Adiyabo wereda																		
Rural + Urban	107,482	5,850	5	85,134	4,616	5	22,348	1,375	6	4,178	667	16	1,484	406	27	16,686	1,146	7
Rural	105,629	5,850	6	83,679	4,615	6	21,950	1,375	6	4,101	667	16	1,297	406	31	16,552	1,146	7
Urban	1,854	34	2	1,455	34	2	398	1	-	77	7	9	187	7	4	135	8	6
Tahtay Koraro wereda																		
Rural + Urban	73,897	1,709	2	59,417	1,511	3	14,480	279	2	2,493	252	10	862	114	13	11,125	419	4
Rural	71,316	1,708	2	57,368	1,510	3	13,949	279	2	2,455	251	10	561	114	20	10,933	419	4
Urban	2,580	44	2	2,049	44	2	531	5	1	38	7	17	302	5	2	191	10	5

Annex Table 3.1 (Cont'd)

Annex Table 3.1 (Cont'd)																			
Geography Area	Total Agricultural Population			All Non-Holders			Agricultural Holders												
										Type of Holdings									
	All Holders			Crop Only			Livestock only			Crop & Livestock									
	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	
Medebay Zana wereda																			
Rural + Urban	116,712	4,975	4	92,363	4,347	5	24,349	828	3	4,407	546	12	1,527	257	17	18,415	923	5	
Rural	114,184	4,974	4	90,494	4,346	5	23,690	828	4	4,152	546	13	1,375	257	19	18,163	922	5	
Urban	2,528	71	3	1,869	70	4	659	2	-	255	19	8	153	8	5	252	20	8	
Asegede Tsimbela wereda																			
Rural + Urban	116,276	4,048	3	93,816	3,564	4	22,460	697	3	1,830	357	20	1,684	264	16	18,947	684	4	
Rural	113,561	4,047	4	91,687	3,563	4	21,874	697	3	1,788	357	20	1,300	263	20	18,786	684	4	
Urban	2,715	61	2	2,129	61	3	586	-	-	41	6	15	384	12	3	161	12	8	
Tselemti wereda																			
Rural + Urban	147,463	10,809	7	118,008	9,128	8	29,455	-	-	2,117	473	22	2,101	654	31	25,238	1,788	7	
Rural	144,620	10,809	7	115,798	9,128	8	28,822	2,034	7	2,077	473	23	1,697	653	38	25,047	1,788	7	
Urban	2,844	94	3	2,210	94	4	634	-	-	39	10	24	403	20	5	191	20	10	
Welkait wereda																			
Rural + Urban	120,549	9,403	8	95,276	7,147	8	25,273	2,394	9	2,675	398	15	3,152	1113	35	19,446	1,474	8	
Rural	117,800	9,403	8	93,182	7,146	8	24,618	2,394	10	2,641	398	15	2,798	1113	40	19,179	1,474	8	
Urban	2,749	86	3	2,094	86	4	655	2	-	35	6	17	354	21	6	267	21	8	
Tsegede wereda																			
Rural + Urban	79,546	6,435	8	63,578	5,141	8	15,968	1,355	8	964	259	27	1,315	283	22	13,689	1,290	9	
Rural	79,268	6,435	8	63,373	5,141	8	15,896	1,355	9	946	259	27	1,289	283	22	13,661	1,290	9	
Urban	277	-	-	205	-	-	72	-	-	19	-	-	26	-	-	28	-	-	
Central Tigray Zone																			
Rural + Urban	1,112,274	14,354	1	878,050	11,971	1	234,224	2,961	1	45,818	2164	5	13,048	916	7	175,358	2,771	2	
Rural	1,076,330	14,351	1	850,146	11,967	1	226,185	2,961	1	44,400	2163	5	9,783	914	9	172,002	2,770	2	
Urban	35,944	310	1	27,905	309	1	8,039	14	-	1,418	56	4	3,265	61	2	3,356	74	2	
Mereb Lehe wereda																			
Rural + Urban	95,333	3,005	3	75,787	2,558	3	19,546	597	3	4,148	720	17	1,113	153	14	14,285	533	4	
Rural	91,403	3,003	3	72,746	2,556	4	18,657	597	3	4,106	720	18	622	151	24	13,930	533	4	
Urban	3,930	100	3	3,041	100	3	889	4	-	43	10	24	491	22	4	356	22	6	

Annex Table 3.1 (Cont'd)

Geography Area	Total Agricultural Population			All Non-Holders			Agricultural Holders												
							All Holders			Type of Holdings									
										Crop Only			Livestock only			Crop & Livestock			
	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	
Ahiferom wereda																			
Rural + Urban	163,285	6,721	4	127,969	5,576	4	35,316	1,421	4	7,620	1,149	15	861	227	26	26,835	1,370	5	
Rural	158,298	6,719	4	124,148	5,574	4	34,149	1,421	4	7,281	1,148	16	698	226	32	26,171	1,370	5	
Urban	4,987	154	3	3,820	154	4	1,167	12	1	340	38	11	163	23	14	664	41	6	
Werie Lehe wereda																			
Rural + Urban	132,024	4,786	4	103,206	4,000	4	28,818	1,006	3	5,058	608	12	2,041	446	22	21,719	1,180	5	
Rural	129,413	4,785	4	101,208	3,999	4	28,205	1,006	4	4,926	608	12	1,824	446	24	21,455	1,180	6	
Urban	2,611	92	4	1,998	92	5	613	-	-	132	15	11	217	20	9	264	22	8	
Adwa wereda																			
Rural + Urban	118,529	6,681	6	93,527	5,373	6	25,002	1,523	6	4,901	672	14	1,516	466	31	18,585	1,129	6	
Rural	115,119	6,680	6	90,826	5,372	6	24,294	1,523	6	4,787	672	14	1,192	466	39	18,315	1,129	6	
Urban	3,409	62	2	2,701	62	2	708	5	1	114	11	10	324	16	5	270	15	5	
Laelay Maychew wereda																			
Rural + Urban	79,324	2,257	3	62,951	1,984	3	16,373	383	2	3,170	343	11	1,391	144	10	11,812	352	3	
Rural	70,263	2,256	3	55,717	1,983	4	14,546	383	3	2,939	343	12	344	143	41	11,262	351	3	
Urban	9,061	82	1	7,234	81	1	1,827	5	-	230	11	5	1,047	18	2	550	17	3	
Tahtay Maychew wereda																			
Rural + Urban	87,150	2,305	3	68,727	2,027	3	18,424	381	2	4,494	548	12	779	151	19	13,151	590	4	
Rural	85,467	2,305	3	67,457	2,026	3	18,010	381	2	4,412	548	12	554	150	27	13,044	590	5	
Urban	1,683	59	4	1,270	59	5	413	2	1	82	10	12	225	15	7	107	14	13	
Naeder Adet wereda																			
Rural + Urban	109,849	3,764	3	86,935	3,129	4	22,914	-	-	3,250	562	17	1,409	290	21	18,256	853	5	
Rural	108,102	3,762	3	85,652	3,128	4	22,450	750	3	3,044	561	18	1,378	290	21	18,028	853	5	
Urban	1,748	88	5	1,283	88	7	465	-	-	206	22	11	31	11	35	228	22	10	
Kola Temben wereda																			
Rural + Urban	140,600	4,700	3	111,092	4,028	4	29,508	937	3	5,465	796	15	2,668	379	14	21,375	908	4	
Rural	136,213	4,699	3	107,669	4,026	4	28,544	937	3	5,372	796	15	2,107	379	18	21,065	908	4	
Urban	4,388	103	2	3,423	103	3	965	1	-	93	15	16	562	24	4	310	24	8	

Annex Table 3.1 (Cont'd)

Geography Area	Total Agricultural Population			All Non-Holders			Agricultural Holders												
							All Holders			Type of Holdings									
										Crop Only			Livestock only			Crop & Livestock			
	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	
Degua Temben wereda																			
Rural + Urban	107,938	5,452	5	85,062	4,511	5	22,876	1,091	5	6,177	762	12	874	263	30	15,825	764	5	
Rural	106,587	5,451	5	84,050	4,511	5	22,537	1,091	5	6,045	762	13	800	263	33	15,692	764	5	
Urban	1,351	46	3	1,012	46	5	339	-	-	132	12	9	74	4	6	133	12	9	
Tanqu Abergele wereda																			
Rural + Urban	78,242	2,817	4	62,795	2,529	4	15,447	373	2	1,535	274	18	396	89	22	13,516	488	4	
Rural	75,466	2,813	4	60,673	2,525	4	14,793	373	3	1,488	273	18	265	84	32	13,040	487	4	
Urban	2,776	139	5	2,122	139	7	654	-	-	47	15	33	131	28	21	476	31	6	
East Tigray Zone																			
Rural + Urban	608,981	8,663	1	477,656	7,420	2	131,325	1,848	1	28,295	1,425	5	12,173	808	7	90,857	1,712	2	
Rural	597,515	8,662	1	468,473	7,419	2	129,042	1,848	1	27,950	1,425	5	10,892	808	7	90,201	1,712	2	
Urban	11,466	104	1	9,183	104	1	2,283	1	-	345	17	5	1,282	14	1	656	18	3	
Gulumahada wereda																			
Rural + Urban	79,983	2,015	3	62,885	1,847	3	17,098	395	2	3,782	346	9	1,527	257	17	11,789	470	4	
Rural	79,357	2,015	3	62,388	1,847	3	16,969	395	2	3,724	346	9	1,499	257	17	11,747	470	4	
Urban	626	37	6	497	37	7	129	-	-	59	8	13	28	3	10	42	7	18	
Erob wereda																			
Rural + Urban	22,737	298	1	18,469	296	2	4,269	31	1	503	37	7	670	42	6	3,096	46	1	
Rural	22,538	298	1	18,303	296	2	4,236	31	1	503	37	7	642	42	7	3,091	46	1	
Urban	199	-	-	166	-	-	33	-	-	-	-	-	28	-	-	6	-	-	
Saesi Tsaedamba wereda																			
Rural + Urban	124,546	5,271	4	98,551	4,305	4	25,996	1,234	5	6,538	861	13	2,215	562	25	17,243	858	5	
Rural	122,728	5,271	4	97,086	4,305	4	25,642	1,234	5	6,483	861	13	1,982	562	28	17,178	858	5	
Urban	1,818	19	1	1,465	19	1	353	1	-	55	3	6	233	4	2	65	3	5	
Ganta Afeshum wereda																			
Rural + Urban	98,083	3,456	4	76,143	3,003	4	21,941	664	3	5,306	572	11	1,728	264	15	14,907	691	5	
Rural	95,679	3,456	4	74,177	3,003	4	21,502	664	3	5,275	572	11	1,377	264	19	14,850	691	5	
Urban	2,404	18	1	1,966	18	1	438	-	-	31	3	9	350	4	1	57	4	7	

Annex Table 3.1 (Cont'd)

Geography Area	Total Agricultural Population			All Non-Holders			Agricultural Holders												
							All Holders			Type of Holdings									
										Crop Only			Livestock only			Crop & Livestock			
	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	
Hawzen wereda																			
Rural + Urban	101,448	3,534	3	78,587	3,306	4	22,861	714	3	4,823	648	13	2,067	278	13	15,971	790	5	
Rural	99,702	3,534	4	77,209	3,305	4	22,493	714	3	4,783	648	14	1,925	278	14	15,785	789	5	
Urban	1,746	69	4	1,378	69	5	368	-	-	40	11	27	142	2	1	186	11	6	
Wukro wereda																			
Rural + Urban	79,631	2,564	3	62,845	2,128	3	16,785	536	3	3,136	407	13	2,020	255	13	11,630	438	4	
Rural	76,876	2,564	3	60,637	2,127	4	16,239	536	3	3,095	407	13	1,685	255	15	11,459	438	4	
Urban	2,754	48	2	2,208	48	2	546	-	-	41	4	9	334	6	2	171	6	3	
Atsbi Wenberta wereda																			
Rural + Urban	102,552	3,479	3	80,177	2,924	4	22,375	-	-	4,206	504	12	1,948	240	12	16,221	824	5	
Rural	100,635	3,479	3	78,674	2,924	4	21,961	703	3	4,087	504	12	1,781	240	13	16,092	824	5	
Urban	1,918	42	2	1,503	42	3	415	-	-	119	10	8	167	11	7	129	10	8	
South Tigray Zone																			
Rural + Urban	862,645	12,033	1	673,629	9,944	1	189,016	2,567	1	46,533	1,940	4	14,796	938	6	127,687	2518	2	
Rural	825,854	11,859	1	644,052	9,806	2	181,802	2,537	1	45,470	1,939	4	11,133	874	8	125,199	2517	2	
Urban	36,791	2,038	6	29,577	1,655	6	7,214	387	5	1,062	45	4	3,663	339	9	2,488	62	3	
Seharte Samre wereda																			
Rural + Urban	115,846	3,744	3	91,717	3,107	3	24,128	895	4	3,709	519	14	1,544	337	22	18,875	925	5	
Rural	113,838	3,744	3	90,127	3,107	3	23,711	895	4	3,686	519	14	1,354	337	25	18,671	925	5	
Urban	2,007	56	3	1,590	56	4	417	3	1	23	6	28	190	14	7	205	14	7	
Enderta wereda																			
Rural + Urban	110,912	4,205	4	87,703	3,454	4	23,209	914	4	5,203	746	14	1,228	209	17	16,778	822	5	
Rural	107,473	4,204	4	84,953	3,453	4	22,520	914	4	5,092	746	15	876	208	24	16,553	821	5	
Urban	3,439	92	3	2,750	90	3	689	6	1	112	18	16	352	17	5	225	19	9	
Hintalo Wajirat wereda																			
Rural + Urban	128,882	3,944	3	99,623	3,090	3	29,259	1,090	4	7,944	848	11	902	266	29	20,413	1169	6	
Rural	126,338	3,943	3	97,570	3,090	3	28,769	1,090	4	7,823	848	11	833	265	32	20,112	1169	6	
Urban	2,544	64	3	2,054	64	3	490	3	1	121	12	10	69	11	16	300	14	5	

Annex Table 3.1 (Cont'd)

Geography Area	Total Agricultural Population			All Non-Holders			Agricultural Holders												
							All Holders			Type of Holdings									
										Crop Only			Livestock only			Crop & Livestock			
	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	Total	SE	CV	
Ambalage wereda																			
Rural + Urban	94,636	2,726	3	73,715	2,367	3	20,921	521	2	6,868	515	8	706	165	23	13,347	636	5	
Rural	92,500	2,725	3	72,035	2,367	3	20,465	521	3	6,795	515	8	525	164	31	13,145	636	5	
Urban	2,136	56	3	1,680	56	3	456	2	-	73	12	16	181	12	7	202	15	7	
Endamehoni wereda																			
Rural + Urban	79,262	4,028	5	61,335	3,285	5	17,927	-	-	5,656	639	11	886	154	17	11,384	750	7	
Rural	76,438	4,028	5	59,068	3,285	6	17,370	836	5	5,515	639	12	569	154	27	11,287	750	7	
Urban	2,823	32	1	2,267	32	1	556	-	-	142	6	4	317	7	2	98	5	5	
Rayaaazebo wereda																			
Rural + Urban	105,008	3,772	4	82,452	3,115	4	22,555	752	3	3,627	494	14	2,497	367	15	16,432	841	5	
Rural	102,498	3,772	4	80,451	3,115	4	22,047	752	3	3,569	494	14	2,256	367	16	16,223	841	5	
Urban	2,510	43	2	2,002	43	2	508	1	-	58	6	10	242	9	4	209	9	4	
Alamata wereda																			
Rural + Urban	84,997	3,869	5	65,379	3,003	5	19,618	977	5	4,406	710	16	3,927	465	12	11,285	536	5	
Rural	75,267	3,867	5	57,669	3,001	5	17,597	977	6	4,052	709	18	3,092	464	15	10,453	536	5	
Urban	9,731	120	1	7,710	120	2	2,020	3	-	353	20	6	834	26	3	833	27	3	
Wofla wereda																			
Rural + Urban	134,707	6,369	5	104,731	5,471	5	29,976	1,058	4	9,061	892	10	1,916	370	19	18,999	1,216	6	
Rural	131,503	6,369	5	102,180	5,471	5	29,322	1,058	4	8,939	891	10	1,627	369	23	18,756	1,216	6	
Urban	3,205	41	1	2,551	41	2	654	1	-	122	9	7	289	8	3	243	11	5	
Mekele Zone																			
Rural + Urban	8,396	2,029	24	6,972	1,644	24	1423	387	27	58	30	51	1191	337	28	174	44	25	
Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Urban	8,396	2,029	24	6,972	1,644	24	1423	387	27	58	30	51	1191	337	28	174	44	25	