

*THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY*

**AGRICULTURAL SAMPLE SURVEY  
1996/97 (1989 E.C.)**

**VOLUME IV**

**REPORT ON**

**CROP LAND UTILISATION**

**(PRIVATE PEASANT HOLDINGS, MEHER SEASON)**

*ADDIS ABABA  
JUNE, 1997*

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## ABBREVIATIONS

AVG	-	AVERAGE
CSA	-	CENTRAL STATISTICAL AUTHORITY
CV	-	COEFFICIENT OF VARIATION
EC	-	ETHIOPIAN CALENDAR
EA	-	ENUMERATION AREA
HA	-	HECTARE
HH	-	HOUSEHOLD
NS	-	NOT STATED
PCs	-	PERSONAL COMPUTERS
PSUs	-	PRIMARY SAMPLING UNIT
SE	-	STANDARD ERROR
SNNPR	-	SOUTHERN NATION, NATIONALITIES & PEOPLES' REGION



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# REPORT ON CROP LAND UTILISATION

## 1. INTRODUCTION

Ethiopia's economy is predominantly agrarian and the majority of the population in the country is engaged in agriculture. In this respect, the collection of reliable, comprehensive and timely statistical information on agriculture is very essential. The information is expected to be used for the formulation of agricultural policy.

The Central Statistical Authority (CSA) has been conducting Agricultural Sample Surveys on annual basis since 1980/81 (1973 E.C.) to produce some of the statistical data that can be used in planning and policy making activities.

This volume presents the objectives of the survey; coverage and content of the survey; concepts and definitions; sample design; field organization; training of field staff; method of data collection and survey results on all land uses, number of agricultural households, number of holders, number of household members, average household size and land by size of holding, number of holders by type of holding, age and sex. In addition the reader is referred to *Volume I* of the same survey which is "Report on Area and Production of Major Crops; Private Holdings, Main Season, Addis Ababa, April 1997." That volume presents in its appendices number of sampled EAs, number of EAs that are actually covered and not covered in the survey; number of households planned to be covered and those actually covered in the survey for the purpose of crop land use, area and production of major crops and number of fields measured. Moreover, estimation procedures, standard errors and coefficient of variations for all estimates on crop land use, number of households by size of holding and household members by type of holding, age and sex are presented in appendix I and II of this report.

## **2. OBJECTIVES OF THE SURVEY.**

The general objective of the agricultural sample survey was to collect basic quantitative information on the nation's agriculture that are considered essential for development planning and socio-economic policy formulation.

In particular, the objectives of the survey were to estimate the total cultivated land; total production and yield of major crops per hectare; crop land uses (temporary and permanent); quantity and cost of agricultural inputs by type; number of livestock and poultry by type, purpose, sex and age; number of beehives and honey production in the private peasant holdings for the nation, regions and group of zones.

## **3. COVERAGE AND CONTENT.**

The 1996/97 (1989 E.C.) annual agricultural sample survey was designed to cover sedentary rural agricultural population in all regions of the country. Urban and nomadic areas were not included in the survey. Accordingly, a total of 55 zones and 375 weredas were covered by the survey. The areal coverage of the survey is given in the following table.

# AREAL COVERAGE OF THE 1996/97 AGRICULTURAL SAMPLE SURVEY

REGION REGION	NUMBER OF ZONES			NUMBER OF WEREDAS	
	TOTAL	COVERED BY THE SURVEY	NOT COVERED BY THE SURVEY	PLANNED TO BE COVERED BY THE SURVEY	COVERED BY THE SURVEY
TIGRAY <sup>1</sup>	5	4	1	35	33
AFAR <sup>2</sup>	5	3	2	7	7
AMHARA	10	10	-	95	95
OROMIYA	12	12	-	148	148
SOMALIE <sup>3</sup>	9	3	6	7	6
BENSHANGUL-GUMEZ	3	2	1	7	7
S.N.N.P.R.	16	16	-	68	68
GAMBELA	1	1	-	5	4
HARARI	1	1	-	1	1
A. ABABA <sup>4</sup>	6	2	4	5	5
DIRE DAWA	1	1	-	1	1
TOTAL	69	55	15	379	375

## Note

- 1 - In Tigray Region, four out of five zones have rural settled population. In the remaining one zone the entire population is urban residents.
- 2 - Afar region has a total of five zones, but only two zones have significant sedentary rural population.
- 3 - Somalie region has a total of nine zones, however only three zones have significant sedentary rural population.
- 4 - Addis Ababa has a total of six zones, however, only two zones have rural settled population. In the remaining four zones the entire population is urban residents.

S.N.N.P.R = Southern Nations and Nationalities Peoples' Region

Moreover, for the survey a total of 705 Enumeration Areas were selected to be covered in all regions. Nevertheless, 5 of them were closed due to various reasons and the survey succeeded to cover 700 Enumeration Areas(EAs). Furthermore, from each of the selected EAs a sample of 25 agricultural households were selected to represent the agricultural population of the sampled EA.

From these households, information on area under crops, Meher and Belg season production of crops, crop land utilisation, agricultural practices, crop damage, quantity and price of agricultural inputs used, number of livestock and poultry by type, purpose, age and sex, number of beehives by type, honey yield, milk yield and milk for butter were collected.

#### **4. CONCEPTS AND DEFINITIONS.**

In order to standardize the data the same concepts and definitions should be applied during data collection. Hence, some of the concepts and definitions used in the survey are given below.

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

**Holder:** A holder is a person who exercises management control over the operations of the agricultural holding and takes the major decision regarding the utilization of the available resources. He has technical and economic responsibility for the holding. He may operate the holding directly as an owner or as a manager. Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or without the help of other, operates land or raises livestock in his own right, i.e. the person who decides on what, when, where and how to grow crops or raise livestock and has the right to determine the utilization of the products.

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

**Size of Holding:** In this report size of holding is determined by total area under different crops, such as area under temporary crops and permanent crops.

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

- a) a one person household, that is a person who makes provision for his own food or other essentials for living without combining with any other person to form part of a multi person household or
- b) a multi person household, that is, a group of two or more persons who live together and make common provision for food or other essentials for living. The persons in the group may pool their incomes and have a common budget to greater or lesser extent. They may be related or unrelated persons, or a combination of both. These persons are taken as members of the household.

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

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

**Field:** A field is defined as any plot of land which is a parcel or part of a parcel under the same crop.

**Meber(Main) Season Crop:** Any crop harvested from Meskerem (September) to Yekatiit (February) is considered as meher season crop.

**Temporary Crops:** Temporary crops are those crops which are grown with a cycle of under one year, sometimes only a few months with a view to be sown or planted anew for further production after the harvest. Similarly, crops grown in rotation are also considered temporary crops as these are destroyed when land is ploughed.

**Permanent Crops:** Crops which occupy land for a long period of time and are not planted for several years after each harvest are considered as permanent crops. All fruit trees (e.g. oranges, mandarins, apples, ...etc.) and trees used for beverages (like coffee, tea, ... etc.) are considered as permanent crops. Permanent meadows and pastures, however, are excluded.

## **5. SAMPLE DESIGN.**

A two stage stratified sample design was used for the 1996/97 (1989 E.C.) Annual Agricultural Sample Survey. In three regions, namely in Amhara, Oromiya and Southern Nations and Nationalities Peoples' Region, group of contiguous zones were treated as strata/reporting levels of the survey results. In the remaining regions, the reporting levels were the regions themselves. The primary sampling units (PSUs) in all strata were Enumeration Areas (EAs). Agricultural households were the ultimate sampling units. The survey questionnaires were administered to all agricultural holders in the sampled agricultural households.

A fixed number of sample EAs was determined for each stratum/ reporting level based on precision of estimates, household size of the stratum and cost considerations. The overall sample number of EAs in a stratum was proportionately allocated to zones/special weredas within the stratum to their household size. From within each Zone/Special Wereda sample EAs were selected with probability proportional to size, size being the total number of households of EAs as obtained from the 1994 census map work. From each sample EA, 25 agricultural households were sampled systematically without replacement from a fresh list of agricultural households.

All information were collected from these households except for crop-cutting exercise, for which data were collected only from the last 15 agricultural households starting from the 11<sup>th</sup> selected agricultural households. Moreover, holders within these households were enumerated and the required data were collected from these holders.

## **6. FIELD ORGANIZATION.**

CSA branch statistical office heads, field supervisors and enumerators, experts from head office, other support staff and drivers were involved in the operation of the survey.

For all enumerators the necessary survey equipment, such as compasses, protractors, ruler, measuring tapes, balance scales, poles, ropes, sample bags...etc. were made available and to assist the field work a certain number of vehicles were put on operation.

## **7. TRAINING OF FIELD STAFF.**

The training program for the field staff was carried out in two stages. In the first stage trainees from the head office, branch statistical office heads and some of the field supervisors were given training for one week at the head office. Some of those trained in the first stage conducted similar training for field supervisors and enumerators for 10 days in all the 15 branch offices all over the country. During the training, the field staff were given detailed class room instruction on the objective and uses of the survey, concept and definitions of terms used, method of area measurement, method of crop cutting, interviewing procedures,... etc. The training sessions included thorough field practices with regard to data collection.

## **8. METHOD OF DATA COLLECTION.**

Survey data were collected on questionnaires both by subjective and objective methods. Information on agricultural practices (application of fertilizer, pesticide, use of improved seed and irrigation), livestock and poultry information were collected subjectively by interviewing the holders in the sampled households.

In addition, the objective measurements, particularly for area measurements, were carried out for the 25 selected households from each sampled EA in which all crop areas were physically measured using compasses and measuring tapes.

#### **9. EDITING, CODING AND VERIFICATION.**

Intensive training was given to the editors and in due course, regular staffs were assigned to answer questions, clear doubts, etc. so as to facilitate the editing and coding activity. In addition, the edited and coded data were checked by supervisors on 100% basis.

#### **10. DATA ENTRY, CLEANING AND PROCESSING.**

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

#### **NOTE:**

1. If in some tables figures do not add up to total it is due to rounding.
2. Those estimates designated by "x" in all tables could not be reported because of high coefficient of variations (i.e. they are less reliable). However they are consolidated in the total estimates.
3. It should also be noted that the smaller the Coefficient of Variation, the higher the reliability of the estimate.



## 11. RESULTS OF CROP LAND UTILISATION

### 1. AGRICULTURAL HOUSEHOLDS, TOTAL CROP LAND AND AVERAGE CROP LAND HOLDING PER HOUSEHOLD

As indicated in the other volumes, the 1996/97 (1989 E.C.) Agricultural Sample Survey was conducted and information on crop land uses were collected. Crop land in the private peasant holdings are categorized as land under *Temporary Crops* and land under *Permanent Crops*.

Thus, the survey result indicates that the total number of agricultural households in rural areas excluding nomadic areas is about 8.68 million and the area under all crops is about 8.83 million hectares. Consequently, the average crop land per household is estimated to be 1.02 hectare.

Table a : Summary of Number of Agricultural Households, Total Crop land and Average Crop land Holding per Household

Items	Number/Area
Households('000)	8,682.13
Total Crop land ('000 HA)	8,825.06
Average Crop land holding/Household (HA)	1.02

Size of holdings have been classified into seven groups. This groupings are:

Group I. under 0.10 hectare

Group II. 0.10 - 0.50 hectare

Group III. 0.51 - 1.00 hectare

Group IV. 1.01 - 2.00 hectares

Group V. 2.01 - 5.00 hectares

Group VI. 5.01 - 10.00 hectares and

Group VII. 10.01 and above hectares

Accordingly, most of the crop land holding which is 3073.89 thousand hectares ( 34.83 %) fall in Group IV (1.01 - 2.00) and the smallest crop land holding is in group VII (10.01 and over Hectares). On the other hand, as indicated in table 1.1, most of the agricultural households own crop land of size 0.10 - 0.50 (Group II) hectares. Furthermore, the average crop land holding per household in group I, II, III, IV, V, VI and VII are 0.06, 0.30, 0.74, 1.42, 2.79, 5.92, 13.25 hectares respectively. For details see table 1.1.

Estimates of regional distribution of agricultural households, crop land and average crop land per household are presented in Table 1.2.

Table 1.1

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## NATIONAL

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	514.01	2,637.80	2,260.99	2,159.15	1,059.22	48.75	**	8,682.13
CUMM % OF HOUSEHOLDS	5.92	36.30	62.34	87.21	99.41	99.97	**	100.00
TOTAL CROP LAND AREA ('000 HA)	30.10	787.82	1,664.47	3,073.89	2,950.66	288.82	**	8,825.06
CUMM % OF TOTAL LAND AREA	.34	9.27	28.13	62.96	96.40	99.67	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.30	.74	1.42	2.79	5.92	**	1.02

TABLE 1.2

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE HOLDING  
PER HOUSEHOLDS BY REGION FOR PRIVATE PEASANT HOLDINGS  
1996/97 (1989 E.C.)

REGION	HOUSEHOLDS		TOTAL CROP LAND		AVERAGE CROP LAND AREA/ HOUSEHOLD
	NUMBER('000)	%	AREA('000HA)	%	
TIGRAY	579.26	6.67	483.85	5.48	.84
AFAR	30.62	.35	30.32	.34	.99
AMHARA	2,570.21	29.60	3,154.81	35.75	1.23
OROMIYA	3,253.56	37.47	3,939.73	44.64	1.21
SOMALIE	78.94	.91	56.58	.64	.72
BENSHANGUL-GUMUZ	81.19	.94	114.16	1.29	1.41
S.N.N.P.R.	2,050.63	23.62	1,015.10	11.50	.50
GAMBELA	9.56	.11	6.57	.07	.69
HARARI	11.76	.14	7.86	.09	.67
ADDIS ABABA	4.53	.05	9.76	.11	2.15
DIRE DAWA	11.87	.14	6.31	.07	.53
TOTAL	8,682.13	100.00	8,825.06	100.00	1.02

**FIG. 1 DISTRIBUTION OF TOTAL NUMBER OF AGRICULTURAL HOUSEHOLDS  
BY TYPE OF HOLDING FOR PRIVATE PEASANT HOLDINGS  
1996/97 (1989 E.C.), NATIONAL**

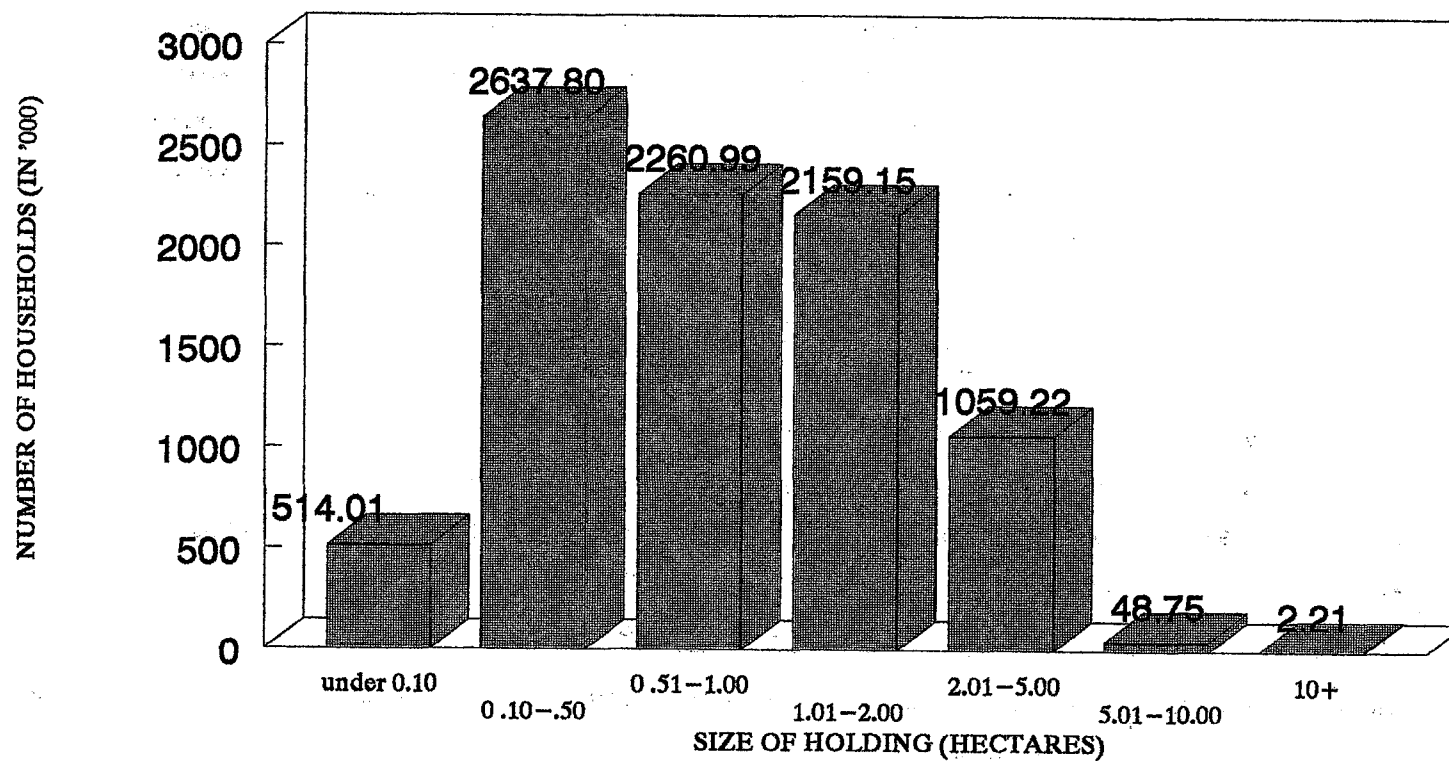


Table 1.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

TIGRAY

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	14.17	208.06	179.03	145.28	32.73	-	-	579.26
CUMM % OF HOUSEHOLDS	2.45	38.36	69.27	94.35	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.86	65.43	130.51	202.02	85.03	-	-	483.85
CUMM % OF TOTAL LAND AREA	.18	13.70	40.67	82.43	100.00	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.31	.73	1.39	2.60	-	-	.84

Table 1.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

Afar

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	.76	6.41	10.89	**	**	**	**	30.62
CUMM % OF HOUSEHOLDS	2.47	23.40	58.95	**	**	**	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.06	2.09	8.16	**	**	**	**	30.32
CUMM % OF TOTAL LAND AREA	.19	7.08	33.98	**	**	**	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.08	.33	.75	**	**	**	**	.99

Table 1.5 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

AMHARA

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	144.44	563.89	622.48	763.34	456.11	19.19	**	2,570.21
CUMM % OF HOUSEHOLDS	5.62	27.56	51.78	81.48	99.22	99.97	**	100.00
TOTAL CROP LAND AREA ('000 HA)	7.78	173.33	465.60	1,098.80	1,292.29	109.12	**	3,154.81
CUMM % OF TOTAL LAND AREA	.25	5.74	20.50	55.33	96.29	99.75	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.31	.75	1.44	2.83	5.69	**	1.23

Table 1.5.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	37.13	79.25	156.14	252.66	171.76	**	-	702.05
CUMM % OF HOUSEHOLDS	5.29	16.58	38.82	74.81	99.27	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.92	23.49	117.59	366.59	481.83	**	-	1,020.06
CUMM % OF TOTAL LAND AREA	.19	2.49	14.02	49.96	97.19	**	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.30	.75	1.45	2.81	**	-	1.45

Table 1.5.2 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

EAST, WEST GOJAM AND AGEWAWI Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	56.00	135.64	131.16	229.26	190.93	10.63	**	754.37
CUMM % OF HOUSEHOLDS	7.42	25.40	42.79	73.18	98.49	99.90	**	100.00
TOTAL CROP LAND AREA ('000 HA)	3.22	38.21	98.86	339.28	561.32	59.96	**	1,108.74
CUMM % OF TOTAL LAND AREA	.29	3.74	12.65	43.25	93.88	99.29	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.28	.75	1.48	2.94	5.64	**	1.47

Table 1.5.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH WOLO AND WAGHAMRA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	14.51	106.16	104.04	79.83	16.85	**	**	321.85
CUMM % OF HOUSEHOLDS	4.51	37.49	69.82	94.62	99.86	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.63	32.90	75.74	107.07	42.13	**	-	260.93
CUMM % OF TOTAL LAND AREA	.24	12.85	41.88	82.91	99.06	**	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.04	.31	.73	1.34	2.50	**	-	.81

Table 1.5.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

SOUTH WOLO, OROMIYA AND NORTH SHEWA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	36.80	242.84	231.14	201.58	76.56	**	-	791.94
CUMM % OF HOUSEHOLDS	4.65	35.31	64.50	89.95	99.62	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	2.01	78.73	173.41	285.86	207.01	**	-	765.09
CUMM % OF TOTAL LAND AREA	.26	10.55	33.22	70.58	97.64	**	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.32	.75	1.42	2.70	**	-	.97

Table 1.6 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

OROMIYA

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	98.25	731.44	881.27	993.50	521.14	27.50	**	3,253.56
CUMM % OF HOUSEHOLDS	3.02	25.50	52.59	83.12	99.14	99.99	**	100.00
TOTAL CROP LAND AREA ('000 HA)	5.92	233.98	657.62	1,426.64	1,442.69	167.17	**	3,939.73
CUMM % OF TOTAL LAND AREA	.15	6.09	22.78	58.99	95.61	99.86	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.32	.75	1.44	2.77	6.08	**	1.21



Table 1.6.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

EAST AND WEST WELEGA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	10.32	85.85	123.83	177.16	93.54	4.84	**	496.00
CUMM % OF HOUSEHOLDS	2.08	19.39	44.35	80.07	98.93	99.91	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.51	28.05	92.38	252.24	258.16	27.58	**	664.62
CUMM % OF TOTAL LAND AREA	.08	4.30	18.20	56.15	94.99	99.14	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.33	.75	1.42	2.76	5.70	**	1.34

Table 1.6.2 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

ILUBABOR AND JIMA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	17.52	109.31	182.37	169.26	54.07	**	-	533.49
CUMM % OF HOUSEHOLDS	3.28	23.77	57.96	89.68	99.82	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.07	36.45	135.47	237.35	147.21	**	-	563.66
CUMM % OF TOTAL LAND AREA	.19	6.66	30.69	72.80	98.91	**	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.33	.74	1.40	2.72	**	-	1.06

Table 1.6.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH AND WEST SHEWA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	16.15	82.78	138.51	255.52	140.36	4.58	-	637.89
CUMM % OF HOUSEHOLDS	2.53	15.51	37.22	77.28	99.28	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.78	26.65	106.87	379.00	382.31	25.79	-	921.39
CUMM % OF TOTAL LAND AREA	.08	2.98	14.58	55.71	97.20	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.32	.77	1.48	2.72	5.63	-	1.44

Table 1.6.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	36.45	183.89	224.77	300.95	214.40	17.13	-	977.59
CUMM % OF HOUSEHOLDS	3.73	22.54	45.53	76.32	98.25	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	2.41	56.44	170.19	437.78	607.75	107.69	-	1,382.25
CUMM % OF TOTAL LAND AREA	.17	4.26	16.57	48.24	92.21	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.07	.31	.76	1.45	2.83	6.29	-	1.41

Table 1.6.5

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## EAST AND WEST HARERGE Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	17.81	269.62	211.80	90.61	18.76	-	-	608.60
CUMM % OF HOUSEHOLDS	2.93	47.23	82.03	96.92	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.16	86.39	152.72	120.28	47.27	-	-	407.81
CUMM % OF TOTAL LAND AREA	.28	21.47	58.92	88.41	100.00	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.07	.32	.72	1.33	2.52	-	-	.67

Table 1.7

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## SOMALIE

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	**	31.32	25.15	13.04	4.03	-	-	78.94
CUMM % OF HOUSEHOLDS	**	46.51	78.37	94.89	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.29	9.66	18.43	17.17	11.03	-	-	56.58
CUMM % OF TOTAL LAND AREA	.51	17.58	50.15	80.50	100.00	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	**	.31	.73	1.32	2.74	-	-	.72

Table 1.8 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

BENSHANGUL GUMEZ

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	1.46	11.84	20.45	32.36	13.88	.93	**	81.19
CUMM % OF HOUSEHOLDS	1.80	16.37	41.56	81.42	98.52	99.67	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.11	3.35	15.87	45.51	40.07	5.43	**	114.16
CUMM % OF TOTAL LAND AREA	.10	3.03	16.93	56.79	91.89	96.65	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.08	.28	.78	1.41	2.89	5.84	**	1.41

Table 1.9 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

(S.N.N.P.R)

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	247.49	1,068.94	510.62	194.89	27.30	**	**	2,050.63
CUMM % OF HOUSEHOLDS	12.07	64.20	89.10	98.60	99.93	**	**	100.00
TOTAL CROP LAND AREA ('000 HA)	14.98	295.21	360.25	260.94	67.89	**	**	1,015.10
CUMM % OF TOTAL LAND AREA	1.48	30.56	66.05	91.75	98.44	**	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.28	.71	1.34	2.49	**	**	.50

Table 1.9.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	27.58	122.79	66.45	26.78	3.08	-	-	246.69
CUMM % OF HOUSEHOLDS	11.18	60.96	87.89	98.75	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.50	34.84	46.77	36.01	7.01	-	-	126.13
CUMM % OF TOTAL LAND AREA	1.19	28.81	65.89	94.44	100.00	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.28	.70	1.34	2.28	-	-	.51

Table 1.9.2 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	65.81	320.59	161.27	63.67	10.86	-	-	622.20
CUMM % OF HOUSEHOLDS	10.58	62.10	88.02	98.25	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	4.16	89.12	113.17	83.76	28.81	-	-	319.03
CUMM % OF TOTAL LAND AREA	1.30	29.24	64.71	90.97	100.00	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.28	.70	1.32	2.65	-	-	.51

Table 1.9.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	50.59	257.37	174.87	88.72	11.17	**	**	584.11
CUMM % OF HOUSEHOLDS	8.66	52.72	82.66	97.85	99.76	**	**	100.00
TOTAL CROP LAND AREA ('000 HA)	3.04	73.12	125.86	120.16	27.35	**	**	365.37
CUMM % OF TOTAL LAND AREA	.83	20.84	55.29	88.18	95.66	**	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.28	.72	1.35	2.45	**	**	.63

Table 1.9.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	103.51	368.19	108.02	15.72	**	-	-	597.62
CUMM % OF HOUSEHOLDS	17.32	78.93	97.00	99.64	**	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	6.29	98.13	74.44	21.00	**	-	-	204.57
CUMM % OF TOTAL LAND AREA	3.07	51.04	87.43	97.69	**	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.27	.69	1.34	**	-	-	.34

Table 1.10 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

GAMBELA

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	.92	3.81	2.88	1.53	2.38	**	-	9.56
CUMM % OF HOUSEHOLDS	9.66	49.49	79.64	95.63	99.63	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.04	1.07	2.13	2.05	1.06	**	-	6.57
CUMM % OF TOTAL LAND AREA	.66	16.91	49.32	80.53	96.63	**	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.04	.28	.74	1.34	2.79	**	-	.69

Table 1.11 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

HARARI

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS ('000)	.38	5.13	4.03	1.96	.24	**	-	11.76
CUMM % OF HOUSEHOLDS	3.21	46.85	81.14	97.81	99.87	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.02	1.54	2.94	2.64	.64	**	-	7.86
CUMM % OF TOTAL LAND AREA	.30	19.89	57.27	90.88	99.06	**	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.30	.73	1.35	2.67	**	-	.67

Table 1.12 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

ADDIS ABABA

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	.18	.53	.62	1.29	1.55	.35	**	4.53
CUMM % OF HOUSEHOLDS	3.93	15.69	29.33	57.72	92.04	99.78	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.01	.16	.46	1.88	4.85	2.29	**	9.76
CUMM % OF TOTAL LAND AREA	.10	1.78	6.51	25.77	75.52	98.97	**	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.06	.30	.74	1.46	3.13	6.54	**	2.15

Table 1.13 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA  
AND CROP LAND AREA PER HOUSEHOLD BY SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

DIRE DAWA

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS ('000)	.57	6.44	3.57	1.16	.14	-	-	11.87
CUMM % OF HOUSEHOLDS	4.81	59.05	89.14	98.86	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.03	2.00	2.51	1.46	.31	-	-	6.31
CUMM % OF TOTAL LAND AREA	.54	32.19	71.94	95.14	100.00	100.00	100.00	100.00
AVERAGE CROP LAND AREA PER HH(HA)	.05	.31	.70	1.26	2.21	-	-	.53



## **2. AGRICULTURAL HOLDERS, TOTAL CROP LAND AND AVERAGE CROP LAND HOLDING PER HOLDER.**

The survey result also shows that the total number of agricultural holders in rural areas excluding nomadic areas is about 9.09 million and the total area under all crops is about 8.83 million hectares. Thus, the average crop land per holder is estimated to be 0.97 hectare.

**Table b : Summary of Number of Agricultural Holders, Total Crop land and Average Crop land Holding per Holder.**

Items	Number/Area
Holders('000)	9,085.91
Total Crop land ('000 HA)	8,825.06
Average Crop land holding/Holder (HA)	0.97

As mentioned before, size of holdings have been classified in to seven groups. Based on these classifications, the largest number of holders, i.e. 2,732.14 thousand fall in group II. Details are given in Table 2.1.

Estimates of regional and group of zones distribution of agricultural holders, crop land and average crop land per holders are presented from Table 2.1 to Table 2.13.

Table 2.1 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)  
NATIONAL

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	774.97	2,732.14	2,315.69	2,177.22	1,039.07	44.63	**	9,085.91
CUMM % OF HOLDERS	8.53	38.60	64.09	88.05	99.48	99.98	**	100.00
TOTAL CROP LAND AREA ('000 HA)	31.49	813.61	1,704.34	3,095.89	2,886.73	263.80	**	8,825.06
CUMM % OF TOTAL LAND AREA	.36	9.58	28.89	63.97	96.68	99.67	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.04	.30	.74	1.42	2.78	5.91	**	.97

TABLE 2.2 NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND AVERAGE HOLDING  
PER HOLDER BY REGION FOR PRIVATE PEASANT HOLDINGS  
1996/97 (1989 E.C.)

REGION	HOLDERS		TOTAL CROP LAND		AVERAGE CROP LAND AREA/ HOLDER
	NUMBER('000)	%	AREA('000HA)	%	
TIGRAY	615.78	6.65	483.85	5.48	.82
AFAR	36.74	.35	30.32	.34	.98
AMHARA	2,685.90	29.53	3,154.81	35.75	1.21
OROMIYA	3,454.43	37.85	3,939.73	44.64	1.18
SOMALIE	85.04	.89	56.58	.64	.72
BENSHANGUL-GUMUZ	85.33	.95	114.16	1.29	1.35
S.N.N.P.R.	2,081.45	23.35	1,015.10	11.50	.49
GAMBELA	10.33	.11	6.57	.07	.67
HARARI	12.05	.13	7.86	.09	.67
ADDIS ABABA	5.29	.05	9.76	.11	2.06
DIRE DAWA	13.58	.13	6.31	.07	.53
TOTAL	9,085.91	100.00	8,825.06	100.00	.97

Table 2.3 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

TIGRAY

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	42.45	215.55	180.02	145.90	31.86	-	-	615.78
CUMM % OF HOLDERS	6.89	41.90	71.13	94.83	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.90	66.65	130.92	203.22	82.17	-	-	483.85
CUMM % OF TOTAL LAND AREA	.19	13.96	41.02	83.02	100.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.02	.31	.73	1.39	2.58	-	-	.79

Table 2.4 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

Afar

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	6.63	6.41	11.39	**	**	**	**	36.74
CUMM % OF HOLDERS	18.05	35.49	66.47	**	**	**	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.06	2.09	8.60	**	**	**	**	30.32
CUMM % OF TOTAL LAND AREA	.19	7.08	35.45	**	**	**	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.01	.33	.76	**	**	**	**	.83

Table 2.5 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

AMHARA

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	224.95	588.26	639.38	760.43	452.94	19.19	**	2,685.90
CUMM % OF HOLDERS	8.38	30.28	54.08	82.39	99.26	99.97	**	100.00
TOTAL CROP LAND AREA ('000 HA)	8.27	180.10	478.52	1,091.42	1,279.63	108.98	**	3,154.81
CUMM % OF TOTAL LAND AREA	.26	5.97	21.14	55.73	96.30	99.75	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.04	.31	.75	1.44	2.83	5.68	**	1.17

Table 2.5.1 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	67.01	79.95	158.34	251.96	171.76	**	-	734.13
CUMM % OF HOLDERS	9.13	20.02	41.59	75.91	99.31	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.95	23.74	119.41	365.25	481.07	**	-	1,020.06
CUMM % OF TOTAL LAND AREA	.19	2.52	14.22	50.03	97.19	**	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.30	.75	1.45	2.80	**	-	1.39

Table 2.5.2 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST, WEST GOJAM AND AGEWAWI Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	87.38	136.57	133.07	229.26	190.93	10.63	**	788.58
CUMM % OF HOLDERS	11.08	28.40	45.27	74.34	98.56	99.90	**	100.00
TOTAL CROP LAND AREA ('000 HA)	3.22	38.33	100.17	337.85	561.32	59.96	**	1,108.74
CUMM % OF TOTAL LAND AREA	.29	3.75	12.78	43.25	93.88	99.29	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.04	.28	.75	1.47	2.94	5.64	**	1.41

Table 2.5.3 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH WOLO AND WAGHAMRA Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	21.87	113.96	101.86	80.18	16.51	**	-	334.83
CUMM % OF HOLDERS	6.53	40.57	70.99	94.93	99.87	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.72	34.50	74.67	107.32	41.41	**	-	260.93
CUMM % OF TOTAL LAND AREA	.27	13.50	42.11	83.24	99.11	**	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.30	.73	1.34	2.51	**	-	.78

Table 2.5.4 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING 1996/97 (1989 E.C.)

SOUTH MOLO, OROMIYA AND NORTH SHEWA Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	48.70	257.78	246.11	199.03	73.74	**	-	828.37
CUMM % OF HOLDERS	5.88	37.00	66.71	90.73	99.64	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	2.38	83.54	184.26	281.01	195.84	**	-	765.09
CUMM % OF TOTAL LAND AREA	.31	11.23	35.31	72.04	97.64	**	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.05	.32	.75	1.41	2.66	**	-	.92

Table 2.6 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING 1996/97 (1989 E.C.)

OROMIYA

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	212.96	784.64	910.93	1,014.03	507.99	23.40	**	3,454.43
CUMM % OF HOLDERS	6.16	28.88	55.25	84.60	99.31	99.99	**	100.00
TOTAL CROP LAND AREA ('000 HA)	6.43	249.13	678.98	1,455.24	1,401.75	142.50	**	3,939.73
CUMM % OF TOTAL LAND AREA	.16	6.49	23.72	60.66	96.24	99.86	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.32	.75	1.44	2.76	6.09	**	1.14

Table 2.6.1 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST WELEGA Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	23.49	96.60	131.16	180.09	89.57	4.37	**	525.76
CUMM % OF HOLDERS	4.47	22.84	47.79	82.04	99.08	99.91	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.64	30.89	97.49	256.55	248.90	24.44	**	664.62
CUMM % OF TOTAL LAND AREA	.10	4.74	19.41	58.01	95.46	99.14	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.32	.74	1.42	2.78	5.59	**	1.26

Table 2.6.2 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

ILUBABOR AND JIMA Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	31.30	115.10	184.40	170.17	52.74	**	-	554.65
CUMM % OF HOLDERS	5.64	26.39	59.64	90.32	99.83	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.18	37.89	136.89	238.26	143.33	**	-	563.66
CUMM % OF TOTAL LAND AREA	.21	6.93	31.22	73.49	98.91	**	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.04	.33	.74	1.40	2.72	**	-	1.02

Table 2.6.3 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND WEST SHEWA Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	42.75	88.19	148.74	256.63	138.68	3.20	-	678.19
CUMM % OF HOLDERS	6.30	19.31	41.24	79.08	99.53	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.78	28.18	114.78	380.34	378.89	18.43	-	921.39
CUMM % OF TOTAL LAND AREA	.08	3.14	15.60	56.88	98.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.02	.32	.77	1.48	2.73	5.76	-	1.36

Table 2.6.4 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	82.26	215.77	233.50	316.53	208.24	14.88	-	1,071.17
CUMM % OF HOLDERS	7.68	27.82	49.62	79.17	98.61	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	2.60	65.86	176.29	460.28	583.70	93.52	-	1,382.25
CUMM % OF TOTAL LAND AREA	.19	4.95	17.71	51.01	93.23	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.31	.75	1.45	2.80	6.28	-	1.29



Table 2.6.5 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST HARERGE Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	33.17	268.99	213.13	90.61	18.76	-	-	624.66
CUMM % OF HOLDERS	5.31	48.37	82.49	97.00	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.23	86.31	153.53	119.81	46.93	-	-	407.81
CUMM % OF TOTAL LAND AREA	.30	21.47	59.11	88.49	100.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.04	.32	.72	1.32	2.50	-	-	.65

Table 2.7 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

SOMALIE

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	11.49	31.32	25.15	13.04	4.03	-	-	85.04
CUMM % OF HOLDERS	13.51	50.34	79.92	95.26	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.29	9.66	18.43	17.17	11.03	-	-	56.58
CUMM % OF TOTAL LAND AREA	.51	17.58	50.15	80.50	100.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.31	.73	1.32	2.74	-	-	.67

Table 2.8 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

BENSHANGUL GUMEZ

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	2.33	12.66	22.59	34.15	12.41	.93	**	85.33
CUMM % OF HOLDERS	2.73	17.56	44.03	84.05	98.59	99.69	**	100.00
TOTAL CROP LAND AREA ('000 HA)	.11	3.65	17.65	47.50	36.00	5.43	**	114.16
CUMM % OF TOTAL LAND AREA	.10	3.29	18.75	60.36	91.89	96.65	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.05	.29	.78	1.39	2.90	5.84	**	1.34

Table 2.9 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

(S.N.N.P.R)

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	268.93	1,077.14	515.07	193.15	25.77	**	**	2,081.45
CUMM % OF HOLDERS	12.92	64.67	89.42	98.69	99.93	**	**	100.00
TOTAL CROP LAND AREA ('000 HA)	15.31	297.49	363.18	258.93	64.34	**	**	1,015.10
CUMM % OF TOTAL LAND AREA	1.51	30.82	66.59	92.10	98.44	**	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.06	.28	.71	1.34	2.50	**	**	.49

Table 2.9.1 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	29.73	123.84	67.18	26.55	2.85	-	-	250.14
CUMM % OF HOLDERS	11.88	61.39	88.25	98.86	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	1.50	35.17	47.28	35.65	6.53	-	-	126.13
CUMM % OF TOTAL LAND AREA	1.19	29.07	66.56	94.82	100.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.05	.28	.70	1.34	2.29	-	-	.50

Table 2.9.2 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	71.05	325.82	163.11	62.32	10.28	-	-	632.56
CUMM % OF HOLDERS	11.23	62.74	88.52	98.37	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	4.28	90.34	114.51	82.37	27.53	-	-	319.03
CUMM % OF TOTAL LAND AREA	1.34	29.66	65.55	91.37	100.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.06	.28	.70	1.32	2.68	-	-	.50

Table 2.9.3 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	55.47	257.37	178.00	88.57	10.47	**	**	591.26
CUMM % OF HOLDERS	9.38	52.91	83.02	97.99	99.76	**	**	100.00
TOTAL CROP LAND AREA ('000 HA)	3.04	73.12	127.85	119.95	25.57	**	**	365.37
CUMM % OF TOTAL LAND AREA	.83	20.84	55.83	88.67	95.66	**	**	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.05	.28	.72	1.35	2.44	**	**	.62

Table 2.9.4 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	112.68	370.11	106.78	15.72	**	-	-	607.48
CUMM % OF HOLDERS	18.55	79.48	97.05	99.64	**	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	6.50	98.86	73.54	20.96	**	-	-	204.57
CUMM % OF TOTAL LAND AREA	3.18	51.50	87.45	97.69	**	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.06	.27	.69	1.33	**	-	-	.34

Table 2.10 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

GAMBELA

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOLDERS ('000)	1.62	3.93	2.84	1.55	.36	**	-	10.33
CUMM % OF HOLDERS	15.72	53.70	81.17	96.14	99.66	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.05	1.10	2.09	2.08	1.02	**	-	6.57
CUMM % OF TOTAL LAND AREA	.82	17.63	49.47	81.14	96.63	**	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.28	.74	1.34	2.83	**	-	.64

Table 2.11 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

HARARI

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOLDERS ('000)	.63	5.15	4.07	1.95	.24	**	-	12.05
CUMM % OF HOLDERS	5.22	47.95	81.72	97.86	99.88	**	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.02	1.54	2.96	2.61	.64	**	-	7.86
CUMM % OF TOTAL LAND AREA	.30	19.94	57.67	90.88	99.06	**	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.03	.30	.73	1.34	2.67	**	-	.65

Table 2.12 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

ADDIS ABABA

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	.72	.65	.69	1.32	1.61	1.32	-	5.29
CUMM % OF HOLDERS	13.55	25.79	38.74	63.66	94.02	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.01	.20	.51	1.92	5.04	2.08	-	9.76
CUMM % OF TOTAL LAND AREA	.10	2.16	7.36	27.08	78.73	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.01	.31	.74	1.45	3.13	6.50	-	1.84

Table 2.13 DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA AND CROP LAND AREA PER HOLDERS BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

DIRE DAWA

HOLDER & AREA	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOLDERS ('000)	2.26	6.46	3.57	1.16	.14	-	-	13.58
CUMM % OF HOLDERS	16.66	64.21	90.50	99.01	100.00	100.00	100.00	100.00
TOTAL CROP LAND AREA ('000 HA)	.03	2.00	2.51	1.46	.31	-	-	6.31
CUMM % OF TOTAL LAND AREA	.54	32.19	71.94	95.14	100.00	100.00	100.00	100.00
AVERAGE LAND AREA PER HOLDER(HEC.)	.01	.31	.70	1.26	2.21	-	-	.46

### **3. AGRICULTURAL HOUSEHOLDS, MEMBERS AND AVERAGE HOUSEHOLD SIZE**

As indicated in the summary table below, total agricultural households were estimated to be about 8.68 million heads. In addition, the total number of members of the agricultural households in the rural areas, which is of course, excluding nomadic areas, is estimated to be 44.49 million. On the other hand, the projected 1984 population census figures excluding the above areas and for the year 1996 is around 49.30 million for rural areas. The expected difference is mainly attributed to:

1. The sample covered only sedentary rural agricultural households.
2. Excludes non agricultural households.
3. Nomadic areas were not covered by the survey.

**Table c : Summary of Number of Agricultural Households, Household Members and Average Household Size**

Items	Number
Households ('000)	8,682.13
Household Members ('000)	44,491.13
Average Household Size	5.12

Furthermore, as indicated in Table 3.1, the average household size ranges from 3.51 to 7.88 members per household. For details refer to the table.

Table 3.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING 1996/97 (1989 E.C.)

NATIONAL

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	514.01	2,637.80	2,260.99	2,159.15	1,059.22	48.75	**	8,682.13
CUMM % OF HOUSEHOLDS	5.92	36.30	62.34	87.21	99.41	99.97	**	100.00
NUMBER OF MEMBERS (000')	1,804.39	11,798.17	11,543.84	12,106.46	6,845.17	383.99	**	44,491.13
CUMM % OF TOTAL MEMBERS	4.06	30.57	56.52	83.73	99.12	99.98	**	100.00
AVERAGE HOUSEHOLD SIZE	3.51	4.47	5.11	5.61	6.46	7.88	**	5.12

TABLE 3.2 NUMBER OF AGRICULTURAL HOUSEHOLDS, HOLDERS, HOUSEHOLD MEMBERS AND AVERAGE HOUSEHOLD SIZE BY REGION 1996/97 (1989 E.C.)

NUMBER IN THOUSANDS

REGION	NUMBER OF			AVERAGE HOUSEHOLD SIZE
	HOUSEHOLDS	HOLDERS	MEMBERS	
TIGRAY	579.26	615.78	2,863.43	4.94
AFAR	30.62	36.74	147.88	4.83
AMHARA	2,570.21	2,685.90	12,512.13	4.87
OROMIYA	3,253.56	3,454.43	17,572.02	5.40
SOMALIE	78.94	85.04	461.94	5.85
BENSHANGUL-GUMUZ	81.19	85.33	390.92	4.82
S.N.N.P.R.	2,050.63	2,081.45	10,332.87	5.04
GAMBELA	9.56	10.33	44.20	4.62
HARARI	11.76	12.05	64.86	5.51
ADDIS ABABA	4.53	5.29	28.16	6.22
DIRE DAWA	11.87	13.58	72.72	6.13
TOTAL	8,682.13	9,085.91	44,491.13	5.12



Table 3.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

TIGRAY

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	14.17	208.06	179.03	145.28	32.73	-	-	579.26
CUMM % OF HOUSEHOLDS	2.45	38.36	69.27	94.35	100.00	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	42.34	880.02	876.73	859.92	204.42	-	-	2,863.43
CUMM % OF TOTAL MEMBERS	1.48	32.21	62.83	92.86	100.00	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	2.99	4.23	4.90	5.92	6.25	-	-	4.94

Table 3.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

Afar

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	7.76	6.41	10.89	**	**	**	**	30.62
CUMM % OF HOUSEHOLDS	2.48	23.42	58.95	**	**	**	**	100.00
NUMBER OF MEMBERS (000')	2.94	24.83	51.70	**	7.57	**	**	147.88
CUMM % OF TOTAL MEMBERS	1.99	18.78	53.74	**	99.80	**	**	100.00
AVERAGE HOUSEHOLD SIZE	3.87	3.87	4.75	**	**	**	**	4.83

Table 3.5 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

AMHARA

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	144.44	563.89	622.48	763.34	456.11	19.19	**	2,570.21
CUMM % OF HOUSEHOLDS	5.62	27.56	51.78	81.48	99.22	99.97	**	100.00
NUMBER OF MEMBERS (000')	440.42	2,173.58	2,932.78	3,999.14	2,810.34	153.60	**	12,512.13
CUMM % OF TOTAL MEMBERS	3.52	20.89	44.33	76.29	98.75	99.98	**	100.00
AVERAGE HOUSEHOLD SIZE	3.05	3.85	4.71	5.24	6.16	8.00	**	4.87

Table 3.5.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	37.13	79.25	156.14	252.66	171.76	**	-	702.05
CUMM % OF HOUSEHOLDS	5.29	16.58	38.82	74.81	99.27	**	100.00	100.00
NUMBER OF MEMBERS (000')	107.68	291.68	708.96	1,347.84	1,074.58	**	-	3,567.20
CUMM % OF TOTAL MEMBERS	3.02	11.20	31.07	68.85	98.98	**	100.00	100.00
AVERAGE HOUSEHOLD SIZE	2.90	3.68	4.54	5.33	6.26	**	-	5.08

Table 3.5.2 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST, WEST GOJAM AND AGEWAMI Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	56.00	135.64	131.16	229.26	190.93	10.63	**	754.37
CUMM % OF HOUSEHOLDS	7.42	25.40	42.79	73.18	98.49	99.90	**	100.00
NUMBER OF MEMBERS (000')	172.82	504.50	615.52	1,203.58	1,172.14	90.63	**	3,761.47
CUMM % OF TOTAL MEMBERS	4.59	18.01	34.37	66.37	97.53	99.94	**	100.00
AVERAGE HOUSEHOLD SIZE	3.09	3.72	4.69	5.25	6.14	8.53	**	4.99

Table 3.5.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH WOLO AND WAGHAMRA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	14.51	106.16	104.04	79.83	16.85	**	-	321.85
CUMM % OF HOUSEHOLDS	4.51	37.50	69.82	94.62	99.86	**	100.00	100.00
NUMBER OF MEMBERS (000')	48.36	406.72	460.03	388.62	92.00	**	-	1,398.88
CUMM % OF TOTAL MEMBERS	3.46	32.53	65.42	93.20	99.77	**	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.33	3.83	4.42	4.87	5.46	**	-	4.35

Table 3.5.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

SOUTH WOLO, OROMIYA AND NORTH SHEWA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS (000')	36.80	242.84	231.14	201.58	76.56	**	**	791.94
CUMM % OF HOUSEHOLDS	4.65	35.31	64.50	89.95	99.62	**	100.00	100.00
NUMBER OF MEMBERS (000')	111.56	970.68	1,148.26	1,059.09	471.62	**	-	3,784.59
CUMM % OF TOTAL MEMBERS	2.95	28.60	58.94	86.92	99.38	**	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.03	4.00	4.97	5.25	6.16	**	-	4.78

Table 3.6 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

OROMIYA

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS (000')	98.25	731.44	881.27	993.50	521.14	27.50	**	3,253.56
CUMM % OF HOUSEHOLDS	3.02	25.50	52.59	83.12	99.14	99.99	**	100.00
NUMBER OF MEMBERS (000')	349.53	3,373.87	4,450.82	5,697.50	3,484.65	211.88	**	17,572.02
CUMM % OF TOTAL MEMBERS	1.99	21.19	46.52	78.94	98.77	99.98	**	100.00
AVERAGE HOUSEHOLD SIZE	3.56	4.61	5.05	5.73	6.69	7.70	**	5.40

Table 3.6.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING 1996/97 (1989 E.C.)

EAST AND WEST WELEGA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	10.32	85.85	123.83	177.16	93.54	4.84	**	496.00
CUMM % OF HOUSEHOLDS	2.08	19.39	44.35	80.07	98.93	99.91	**	100.00
NUMBER OF MEMBERS (000')	38.44	349.69	604.55	1,015.80	637.81	44.50	**	2,694.57
CUMM % OF TOTAL MEMBERS	1.43	14.40	36.84	74.54	98.21	99.86	**	100.00
AVERAGE HOUSEHOLD SIZE	3.72	4.07	4.88	5.73	6.82	9.19	**	5.43

Table 3.6.2 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING 1996/97 (1989 E.C.)

ILUBABOR AND JIMA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	17.52	109.31	182.37	169.26	54.07	**	-	533.49
CUMM % OF HOUSEHOLDS	3.28	23.77	57.96	89.68	99.82	**	100.00	100.00
NUMBER OF MEMBERS (000')	51.71	439.76	884.48	991.62	331.46	**	-	2,707.47
CUMM % OF TOTAL MEMBERS	1.91	18.15	50.82	87.45	99.69	**	100.00	100.00
AVERAGE HOUSEHOLD SIZE	2.95	4.02	4.85	5.86	6.13	**	-	5.08

Table 3.6.3 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND WEST SHEWA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	16.15	82.78	138.51	255.52	140.36	4.58	-	637.89
CUMM % OF HOUSEHOLDS	2.53	15.51	37.22	77.28	99.28	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	52.97	343.67	637.24	1,391.41	948.18	38.58	-	3,412.05
CUMM % OF TOTAL MEMBERS	1.55	11.62	30.30	71.08	98.87	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.28	4.15	4.60	5.45	6.76	8.42	-	5.35

Table 3.6.4 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	36.45	183.89	224.77	300.95	214.40	17.13	-	977.59
CUMM % OF HOUSEHOLDS	3.73	22.54	45.53	76.32	98.25	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	148.56	893.81	1,039.13	1,707.49	1,437.60	120.35	-	5,346.94
CUMM % OF TOTAL MEMBERS	2.78	19.49	38.93	70.86	97.75	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	4.08	4.86	4.62	5.67	6.71	7.03	-	5.47

Table 3.6.5. DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST HARERGE Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	17.81	269.62	211.80	90.61	18.76	-	-	608.60
CUMM % OF HOUSEHOLDS	2.93	47.23	82.03	96.92	100.00	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	57.85	1,346.93	1,285.42	591.18	129.61	-	-	3,410.99
CUMM % OF TOTAL MEMBERS	1.70	41.18	78.87	96.20	100.00	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.25	5.00	6.07	6.52	6.91	-	-	5.60

Table 3.7. DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

SOMALIE

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	**	31.32	25.15	13.04	4.03	-	-	78.94
CUMM % OF HOUSEHOLDS	**	46.52	78.38	94.89	100.00	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	**	181.12	143.05	81.24	25.70	-	-	461.94
CUMM % OF TOTAL MEMBERS	**	45.88	76.85	94.44	100.00	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	**	5.78	5.69	6.23	6.38	-	-	5.85

Table 3.8 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

BENSHANGUL GUMEZ

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	1.46	11.84	20.45	32.36	13.88	.93	**	81.19
CUMM % OF HOUSEHOLDS	1.80	16.37	41.56	81.41	98.52	99.67	**	100.00
NUMBER OF MEMBERS (000')	3.92	41.78	87.23	158.07	90.01	9.27	**	390.92
CUMM % OF TOTAL MEMBERS	1.00	11.69	34.00	74.44	97.46	99.83	**	100.00
AVERAGE HOUSEHOLD SIZE	2.68	3.53	4.27	4.88	6.48	9.97	**	4.81

Table 3.9 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

(S.N.N.P.R)

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	247.49	1,068.94	510.62	194.89	27.30	**	**	2,050.63
CUMM % OF HOUSEHOLDS	12.07	64.20	89.10	98.60	99.93	**	**	100.00
NUMBER OF MEMBERS (000')	924.64	5,040.25	2,939.84	1,215.50	205.63	**	**	10,332.87
CUMM % OF TOTAL MEMBERS	8.95	57.73	86.18	97.94	99.93	**	**	100.00
AVERAGE HOUSEHOLD SIZE	3.74	4.72	5.76	6.24	7.53	**	**	5.04



Table 3.9.1 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	27.58	122.79	66.45	26.78	3.08	-	-	246.69
CUMM % OF HOUSEHOLDS	11.18	60.96	87.89	98.75	100.00	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	94.15	512.62	318.45	139.85	23.56	-	-	1,088.63
CUMM % OF TOTAL MEMBERS	8.65	55.74	84.99	97.84	100.00	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.41	4.17	4.79	5.22	7.65	-	-	4.41

Table 3.9.2 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	65.81	320.59	161.27	63.67	10.86	-	-	622.20
CUMM % OF HOUSEHOLDS	10.58	62.10	88.02	98.25	100.00	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	232.47	1,401.01	902.76	380.62	79.41	-	-	2,996.27
CUMM % OF TOTAL MEMBERS	7.76	54.52	84.65	97.35	100.00	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.53	4.37	5.60	5.98	7.31	-	-	4.82

**Table 3.9.3** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS (000')	50.59	257.37	174.87	88.72	11.17	**	**	584.11
CUMM % OF HOUSEHOLDS	8.66	52.72	82.66	97.85	99.76	**	**	100.00
NUMBER OF MEMBERS (000')	204.10	1,237.86	1,029.37	575.58	83.99	**	**	3,137.90
CUMM % OF TOTAL MEMBERS	6.50	45.95	78.76	97.10	99.78	**	**	100.00
AVERAGE HOUSEHOLD SIZE	4.03	4.81	5.89	6.49	7.52	**	**	5.37

**Table 3.9.4** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

ITEMS	SIZE OF HOLDING(HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
NUMBER OF HOUSEHOLDS (000')	103.51	368.19	108.02	15.72	**	-	-	597.62
CUMM % OF HOUSEHOLDS	17.32	78.93	97.00	99.64	**	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	393.93	1,888.76	689.27	119.46	**	-	-	3,110.08
CUMM % OF TOTAL MEMBERS	12.67	73.40	95.56	99.40	**	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	3.81	5.13	6.38	7.60	**	-	-	5.20

**Table 3.10** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

GAMBELA

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	.92	3.81	2.88	1.53	.38	**	-	9.56
CUMM % OF HOUSEHOLDS	9.62	49.48	79.60	95.61	99.58	**	100.00	100.00
NUMBER OF MEMBERS (000')	3.85	16.72	12.72	7.29	**	**	-	44.20
CUMM % OF TOTAL MEMBERS	8.71	46.54	75.32	91.81	**	**	100.00	100.00
AVERAGE HOUSEHOLD SIZE	4.18	4.39	4.42	4.76	**	**	-	4.62

**Table 3.11** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

HARARI

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	0.38	5.13	4.03	1.96	.24	**	-	11.76
CUMM % OF HOUSEHOLDS	3.23	46.85	81.12	97.79	99.91	**	100.00	100.00
NUMBER OF MEMBERS (000')	1.64	25.84	23.49	11.96	1.86	**	-	64.86
CUMM % OF TOTAL MEMBERS	2.53	42.37	78.58	97.02	99.89	**	100.00	100.00
AVERAGE HOUSEHOLD SIZE	4.32	5.04	5.83	6.10	7.75	**	-	5.52

Table 3.12 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

ADDIS ABABA

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	.18	.53	.62	1.29	1.55	.35	**	4.53
CUMM % OF HOUSEHOLDS	3.97	15.67	29.36	57.62	92.05	99.78	**	100.00
NUMBER OF MEMBERS (000')	.89	2.23	2.90	7.44	11.04	3.39	**	28.16
CUMM % OF TOTAL MEMBERS	3.16	11.08	21.38	47.80	87.00	99.04	**	100.00
AVERAGE HOUSEHOLD SIZE	4.94	4.21	4.68	5.77	7.12	9.69	**	6.22

Table 3.13 DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL MEMBERS AND  
AVERAGE HOUSEHOLD SIZE BY SIZE OF HOLDING  
1996/97 (1989 E.C.)

DIRE DAWA

ITEMS	SIZE OF HOLDING(HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
NUMBER OF HOUSEHOLDS (000')	.57	6.44	3.57	1.16	.14	-	-	11.87
CUMM % OF HOUSEHOLDS	4.80	59.06	89.13	98.82	100.00	100.00	100.00	100.00
NUMBER OF MEMBERS (000')	3.35	37.94	22.60	7.85	.98	-	-	72.72
CUMM % OF TOTAL MEMBERS	4.61	56.78	87.86	98.65	100.00	100.00	100.00	100.00
AVERAGE HOUSEHOLD SIZE	5.88	5.89	6.33	6.77	7.00	-	-	6.13

#### 4. TOTAL NUMBER OF AGRICULTURAL HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD

The estimates of agricultural households by size of holding and size of agricultural households are presented in Table 4.1 for the country and in Tables 4.3 to 4.13 for the regions. The percentage distributions of agricultural households by number of persons in the agricultural households are summarized as follows.

Of the total agricultural household, 2.61 percent are composed of one member; 23.36 percent are composed of 2-3 members; 34.52 percent are composed of 4-5 members; 35.52 percent are composed of 6-9 members, 3.98 percent are composed of 10 and over members. (See Summary Table d below).

This indicates that most of the agricultural households have 6 - 9 members and a one member agricultural households are few in number.

Table d : Summary of Total Number of Agricultural Households by Size of Household

Size of Household	Household	
	Number('000)	%
One Member	226.79	2.61
2 - 3 Members	2,028.36	23.36
4 - 5 Members	2,997.04	34.52
6 - 9 Members	3,083.52	35.52
10 and above	345.77	3.98
Not stated	0.64	0.01
Total	8,682.13	100.00

Table 4.1 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

NATIONAL												NUMBER IN THOUSANDS			
SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD														
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%	
UNDER 0.10	53.71	23.68	238.77	11.77	157.91	5.27	61.62	2.00	2.00	.58	-	-	514.01	5.92	
0.10 - 0.50	116.22	51.25	822.64	40.56	970.54	32.38	674.23	21.87	54.16	15.66	-	-	2,637.80	30.38	
0.51 - 1.00	40.70	17.95	516.37	25.46	829.64	27.68	807.46	26.19	66.18	19.14	**	**	2,260.99	26.04	
1.01 - 2.00	13.30	5.86	358.31	17.67	739.16	24.66	944.74	30.64	103.64	29.97	-	-	2,159.15	24.87	
2.01 - 5.00	2.86	1.26	89.55	4.41	293.17	9.78	566.69	18.38	106.94	30.93	-	-	1,059.22	12.20	
5.01 -10.00	-	-	**	**	6.60	.22	28.31	.92	12.84	3.71	-	-	48.75	.56	
10.01 AND OVER	-	-	**	**	**	**	**	**	**	**	-	-	**	**	
TOTAL	226.79	100.00	2,028.36	100.00	2,997.04	100.00	3,083.52	100.00	345.77	100.00	**	**	8,682.13	100.00	

TABLE 4.2 TOTAL NUMBER OF AGRICULTURAL HOUSEHOLDS BY SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

NUMBER IN THOUSANDS							
REGION	SIZE OF HOUSEHOLD					MEMBERS NOT STATED	TOTAL HOUSEHOLDS
	ONE MEMBER	2 - 3 MEMBERS	4 - 5 MEMBERS	6 - 9 MEMBERS	10 & ABOVE MEMBERS		
TIGRAY	28.93	131.88	194.69	212.75	11.02	-	579.26
AFAR	1.59	5.67	11.81	10.76	.80	-	30.62
AMHARA	76.35	651.21	928.20	857.60	56.86	-	2,570.22
OROMIYA	57.85	705.95	1,061.61	1,239.19	188.33	.64	3,253.56
SOMALIE	1.05	10.83	24.82	37.65	4.60	-	78.95
BENSHANGUL-GUMUZ	3.98	24.09	25.50	23.26	4.36	-	81.18
S.N.N.P.R.	56.10	491.24	738.98	687.28	77.02	-	2,050.63
GAMBELA	.59	2.94	3.25	2.35	.43	-	9.56
HARARI	.18	2.33	3.59	4.93	.73	-	11.76
ADDIS ABABA	.08	.72	1.26	1.92	.55	-	4.53
DIRE DAWA	.09	1.53	3.32	5.85	1.08	-	11.87
TOTAL	226.79	2,028.39	2,997.03	3,083.54	345.78	.64	8,682.14

**FIG 2. NUMBER OF AGRICULTURAL HOUSHOLDS BY SIZE OF HOUSEHOLD  
NATIONAL  
1996/97(1989 E.C.)**

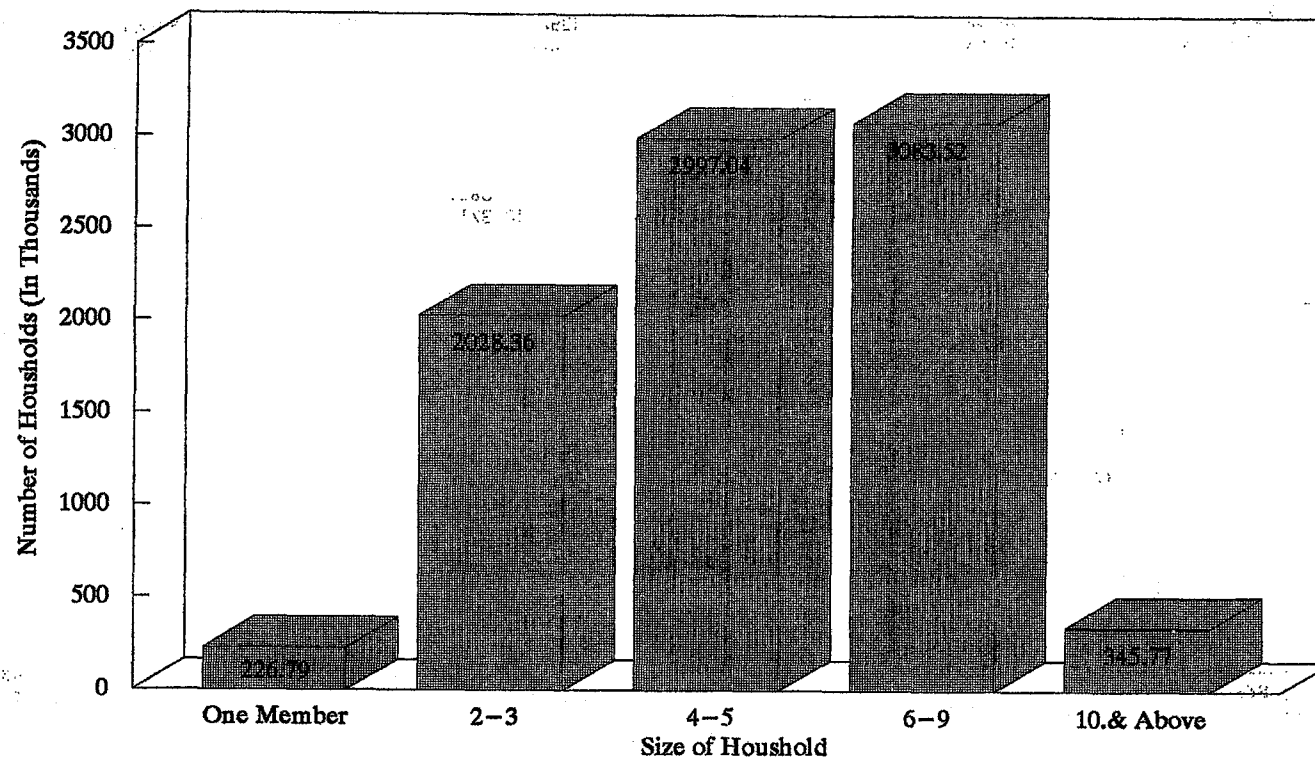


Table 4.3

TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

TIGRAY

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	2.75	9.51	6.79	5.15	3.96	2.03	**	**	-	-	-	-	14.17	2.45
0.10 - 0.50	19.57	67.65	65.82	49.91	61.25	31.46	59.51	27.97	**	**	-	-	208.06	35.92
0.51 - 1.00	6.61	22.85	38.58	29.25	66.15	33.98	65.46	30.77	**	**	-	-	179.03	30.91
1.01 - 2.00	-	-	18.52	14.04	52.42	26.92	69.04	32.45	5.31	48.14	-	-	145.28	25.08
2.01 - 5.00	-	-	**	**	10.91	5.60	18.07	8.49	**	**	-	-	32.73	5.65
5.01 -10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	28.93	100.00	131.88	100.00	194.69	100.00	212.75	100.00	11.03	100.00	-	-	579.27	100.00

Table 4.4

TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

Afar

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	**	**	.16	1.35	**	**	**	**	-	-	.76	2.48
0.10 - 0.50	1.34	84.28	1.19	21.02	2.48	21.00	1.37	12.72	**	**	-	-	6.41	20.93
0.51 - 1.00	-	-	2.09	36.93	4.93	41.74	3.87	35.93	-	-	-	-	10.89	35.56
1.01 - 2.00	-	-	**	**	3.52	29.81	**	**	**	**	-	-	**	**
2.01 - 5.00	-	-	.61	10.78	**	**	.36	3.34	**	**	-	-	**	**
5.01 -10.00	-	-	-	-	**	**	.02	.19	-	-	-	-	**	**
10.01 AND OVER	-	-	-	-	**	**	-	-	-	-	-	-	**	**
TOTAL	1.59	100.00	5.66	100.00	11.81	100.00	10.77	100.00	.80	100.00	-	-	30.62	100.00



Table 4.5

TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

AMHARA

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	22.25	29.14	77.48	11.90	34.73	3.74	9.34	1.09	**	**	-	-	144.45	5.62
0.10 - 0.50	38.64	50.60	218.92	33.62	217.64	23.45	87.14	10.16	**	**	-	-	563.89	21.94
0.51 - 1.00	8.78	11.50	166.11	25.51	250.66	27.00	190.89	22.26	6.04	10.62	-	-	622.48	24.22
1.01 - 2.00	3.83	5.02	151.28	23.23	280.84	30.26	309.77	36.12	17.63	31.01	-	-	763.34	29.70
2.01 - 5.00	2.86	3.75	36.66	5.63	141.76	15.27	249.74	29.12	25.09	44.13	-	-	456.11	17.75
5.01 -10.00	-	-	-	-	**	**	10.72	1.25	5.89	10.36	-	-	19.19	.75
10.01 AND OVER	-	-	**	**	-	-	-	-	-	-	-	-	**	**
TOTAL	76.36	100.00	651.21	100.00	928.20	100.00	857.60	100.00	56.85	100.00	-	-	2,570.22	100.00

Table 4.5.1

TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	7.29	50.52	18.77	11.41	9.63	3.92	**	**	-	-	-	-	37.13	5.29
0.10 - 0.50	4.87	33.75	34.12	20.74	29.88	12.15	10.38	4.10	-	-	-	-	79.25	11.29
0.51 - 1.00	**	15.73	44.04	26.77	67.23	27.34	41.34	16.32	**	**	-	-	156.14	22.24
1.01 - 2.00	-	-	51.61	31.37	86.62	35.22	106.09	41.89	8.35	34.91	-	-	252.66	35.99
2.01 - 5.00	-	-	15.97	9.71	51.78	21.05	90.33	35.67	13.69	57.23	-	-	171.76	24.47
5.01 -10.00	-	-	-	-	**	**	**	**	**	**	-	-	**	**
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	14.43	100.00	164.51	100.00	245.94	100.00	253.27	100.00	23.92	100.00	-	-	702.04	100.00

Table 4.5.2 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
EAST, WEST GOJAM AND AGEWAWI Zone

SIZE OF HOLDING (IN HECTARES)	NUMBER IN THOUSANDS													
	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	5.39	29.68	32.08	16.99	14.83	5.65	**	**	**	**	-	-	56.00	7.42
0.10 - 0.50	6.81	37.50	60.86	32.23	53.66	20.45	14.31	5.38	-	-	-	-	135.64	17.98
0.51 - 1.00	**	**	37.42	19.82	51.59	19.66	38.73	14.56	**	**	-	-	131.16	17.39
1.01 - 2.00	**	**	44.38	23.50	83.27	31.73	94.15	35.40	6.06	31.93	-	-	229.26	30.39
2.01 - 5.00	2.86	15.75	13.33	7.06	57.31	21.84	111.40	41.88	6.03	31.77	-	-	190.93	25.31
5.01 -10.00	-	-	-	-	**	**	4.33	1.63	**	**	-	-	10.63	1.41
10.01 AND OVER	-	-	**	**	-	-	-	-	-	-	-	-	**	**
TOTAL	18.16	100.00	188.83	100.00	262.43	100.00	265.97	100.00	18.98	100.00	-	-	754.38	100.00

Table 4.5.3 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
NORTH WOLO AND WAGHAMRA Zone

SIZE OF HOLDING (IN HECTARES)	NUMBER IN THOUSANDS													
	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	5.66	6.16	**	**	**	**	-	-	-	-	14.51	4.51
0.10 - 0.50	9.41	55.88	40.64	44.27	37.18	28.60	18.94	22.85	-	-	-	-	106.16	32.99
0.51 - 1.00	3.03	17.99	28.13	30.64	45.48	34.99	27.03	32.61	**	**	-	-	104.04	32.33
1.01 - 2.00	**	**	15.48	16.86	35.55	27.35	27.27	32.90	-	-	-	-	79.83	24.80
2.01 - 5.00	-	-	1.90	2.07	8.09	6.22	6.87	8.29	-	-	-	-	16.85	5.24
5.01 -10.00	-	-	-	-	-	-	**	**	-	-	-	-	**	**
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	16.84	100.00	91.81	100.00	129.98	100.00	82.88	100.00	1.37	100.00	-	-	321.84	100.00

Table 4.5.4 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
SOUTH WOLO, OROMIYA AND NORTH-SHEWA Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	6.71	24.92	20.97	10.18	6.59	2.27	**	**	-	-	-	-	36.80	4.65
0.10 - 0.50	17.55	65.17	83.30	40.43	96.93	33.44	43.52	17.03	**	**	-	-	242.85	30.67
0.51 - 1.00	**	**	56.52	27.43	86.36	29.79	83.78	32.79	**	**	-	-	231.14	29.19
1.01 - 2.00	**	**	39.81	19.32	75.40	26.01	82.26	32.20	3.23	23.73	-	-	201.58	25.45
2.01 - 5.00	-	-	5.46	2.65	24.59	8.48	41.14	16.10	5.38	39.53	-	-	76.56	9.67
5.01 -10.00	-	-	-	-	-	-	**	**	**	**	-	-	**	**
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	26.93	100.00	206.06	100.00	289.87	100.00	255.48	100.00	13.61	100.00	-	-	791.94	100.00

Table 4.6 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
OROMIYA

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	9.79	16.92	40.58	5.75	34.95	3.29	12.93	1.04	-	-	-	-	98.25	3.02
0.10 - 0.50	21.20	36.85	233.20	33.03	261.33	24.62	197.51	15.94	18.20	9.66	-	-	731.44	22.48
0.51 - 1.00	19.05	32.93	223.68	31.68	315.35	29.70	294.30	23.75	28.25	15.00	**	**	881.27	27.09
1.01 - 2.00	7.81	13.50	160.08	22.68	318.03	29.96	445.43	35.95	62.15	33.00	-	-	993.50	30.54
2.01 - 5.00	-	-	47.40	6.71	128.06	12.06	272.14	21.96	73.53	39.04	-	-	521.14	16.02
5.01 -10.00	-	-	**	**	3.89	.37	16.40	1.32	6.20	3.29	-	-	27.50	.85
10.01 AND OVER	-	-	-	-	-	-	**	**	-	-	-	-	.47	.01
TOTAL	57.85	100.00	705.95	100.00	1,061.61	100.00	1,239.18	100.00	188.33	100.00	**	**	3,253.57	100.00

Table 4.6.1 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
EAST AND WEST WELEGA Zone

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD												NUMBER IN THOUSANDS	
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	-	-	4.26	4.03	5.55	3.39	**	**	-	-	-	-	10.32	2.08
0.10 - 0.50	4.00	61.63	30.50	28.89	35.50	21.66	15.19	7.94	**	**	-	-	85.85	17.31
0.51 - 1.00	2.00	30.82	34.15	32.34	44.98	27.45	39.54	20.67	3.16	10.99	-	-	123.83	24.97
1.01 - 2.00	**	**	27.69	26.22	56.76	34.64	83.18	43.48	9.05	31.48	-	-	177.16	35.72
2.01 - 5.00	-	-	8.99	8.51	21.08	12.86	49.05	25.64	14.42	50.16	-	-	93.54	18.86
5.01 -10.00	-	-	-	-	-	-	3.38	1.77	**	**	-	-	4.84	.98
10.01 AND OVER	-	-	-	-	-	-	**	**	-	-	-	-	**	**
TOTAL	6.49	100.00	105.59	100.00	163.87	100.00	191.32	100.00	28.75	100.00	-	-	496.01	100.00

Table 4.6.2 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
ILUBABOR AND JIMA Zone

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD												NUMBER IN THOUSANDS	
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	2.09	28.83	9.25	7.08	4.99	2.64	**	**	-	-	-	-	17.52	3.28
0.10 - 0.50	**	**	47.36	36.26	41.84	22.10	18.39	9.83	-	-	-	-	109.31	20.49
0.51 - 1.00	**	**	44.59	34.13	76.15	40.22	56.38	30.13	3.69	19.25	-	-	182.37	34.18
1.01 - 2.00	**	**	22.95	17.57	52.12	27.53	82.43	44.05	9.88	51.54	-	-	169.26	31.73
2.01 - 5.00	-	-	6.48	4.96	14.23	7.52	28.20	15.07	**	**	-	-	54.07	10.14
5.01 -10.00	-	-	-	-	-	-	**	**	**	**	-	-	**	**
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	7.25	100.00	130.63	100.00	189.33	100.00	187.11	100.00	19.17	100.00	-	-	533.49	100.00

Table 4.6.3 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

NORTH AND WEST SHEWA Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	7.91	5.51	4.43	2.20	**	**	-	-	-	-	16.15	2.53
0.10 - 0.50	2.74	25.39	33.95	23.64	29.19	14.47	15.67	6.39	**	**	-	-	82.78	12.98
0.51 - 1.00	4.90	45.41	45.19	31.47	40.94	20.30	44.63	18.19	2.85	7.82	-	-	138.51	21.71
1.01 - 2.00	**	**	45.47	31.66	93.32	46.27	105.53	43.01	9.95	27.29	-	-	255.52	40.06
2.01 - 5.00	-	-	11.09	7.72	33.15	16.44	75.81	30.90	20.31	55.70	-	-	140.36	22.00
5.01 -10.00	-	-	-	-	**	**	**	**	**	**	-	-	4.58	.72
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	10.79	100.00	143.61	100.00	201.69	100.00	245.36	100.00	36.46	100.00	-	-	637.90	100.00

Table 4.6.4 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	9.34	4.84	13.63	4.35	8.19	2.13	-	-	-	-	36.45	3.73
0.10 - 0.50	**	**	51.03	26.43	61.75	19.69	59.92	15.61	5.53	9.01	-	-	183.89	18.81
0.51 - 1.00	10.59	41.16	61.36	31.78	85.97	27.42	62.41	16.26	4.44	7.24	-	-	224.77	22.99
1.01 - 2.00	4.19	16.28	51.35	26.59	94.56	30.16	131.17	34.17	19.68	32.07	-	-	300.95	30.78
2.01 - 5.00	-	-	19.01	9.84	54.41	17.35	111.47	29.04	29.51	48.09	-	-	214.40	21.93
5.01 -10.00	-	-	**	**	**	**	10.69	2.78	**	**	-	-	17.13	1.75
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	25.73	100.00	193.10	100.00	313.55	100.00	383.85	100.00	61.36	100.00	-	-	977.59	100.00

Table 4.6.5 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
EAST AND WEST HARERGE Zone

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	9.83	7.39	6.35	3.29	**	**	-	-	-	-	17.81	2.93
0.10 - 0.50	7.09	93.41	70.36	52.90	93.06	48.17	88.33	38.15	10.77	25.27	-	-	269.62	44.30
0.51 - 1.00	-	-	38.38	28.85	67.32	34.84	91.34	39.45	14.12	33.13	**	**	211.80	34.80
1.01 - 2.00	-	-	12.61	9.48	21.28	11.01	43.12	18.62	13.60	31.91	-	-	90.61	14.89
2.01 - 5.00	-	-	**	**	**	**	**	**	4.13	9.69	-	-	18.76	3.08
5.01 -10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	7.59	100.00	133.01	100.00	193.20	100.00	231.54	100.00	42.62	100.00	.64	100.00	608.60	100.00

Table 4.7 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
SOMALIE

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	.77	7.10	1.47	5.92	**	**	**	**	-	-	**	**
0.10 - 0.50	**	**	3.64	33.58	9.83	39.61	15.96	42.39	**	**	-	-	31.32	39.68
0.51 - 1.00	-	-	4.70	43.36	8.71	35.09	10.05	26.69	1.69	36.74	-	-	25.15	31.86
1.01 - 2.00	-	-	.80	7.38	4.29	17.28	7.04	18.70	**	**	-	-	13.04	16.52
2.01 - 5.00	-	-	**	**	**	**	2.04	5.42	**	**	-	-	4.03	5.11
5.01 -10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1.05	100.00	10.84	100.00	24.82	100.00	37.65	100.00	4.60	100.00	-	-	78.94	100.00

Table 4.8 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

BENSHANGUL GUMEZ

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	.57	2.37	**	**	**	**	**	**	-	-	1.46	1.80
0.10 - 0.50	2.18	54.77	4.29	17.82	3.36	13.17	1.85	7.95	**	**	-	-	11.84	14.58
0.51 - 1.00	.59	14.82	8.27	34.34	6.60	25.87	4.71	20.25	**	**	-	-	20.45	25.19
1.01 - 2.00	.76	19.10	9.07	37.67	11.26	44.14	9.62	41.36	1.64	37.61	-	-	32.36	39.86
2.01 - 5.00	-	-	1.61	6.69	3.88	15.21	6.65	28.59	1.74	39.91	-	-	13.88	17.10
5.01 - 10.00	-	-	-	-	**	**	**	**	**	**	-	-	.93	1.15
10.01 AND OVER	-	-	**	**	-	-	-	-	-	-	-	-	**	**
TOTAL	3.98	100.00	24.08	100.00	25.51	100.00	23.26	100.00	4.36	100.00	-	-	81.19	100.00

Table 4.9 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
(S.N.N.P.R)

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	17.92	31.93	111.88	22.77	81.69	11.05	35.17	5.12	**	**	-	-	247.49	12.07
0.10 - 0.50	31.98	56.99	291.88	59.42	409.62	55.43	304.92	44.37	30.55	39.67	-	-	1,068.94	52.13
0.51 - 1.00	5.38	9.59	70.83	14.42	173.83	23.52	233.76	34.01	26.83	34.84	-	-	510.62	24.90
1.01 - 2.00	**	**	15.97	3.25	67.01	9.07	96.17	13.99	14.90	19.35	-	-	194.89	9.50
2.01 - 5.00	-	-	-	-	6.83	.92	16.56	2.41	3.91	5.08	-	-	27.30	1.33
5.01 - 10.00	-	-	-	-	-	-	**	**	-	-	-	-	**	**
10.01 AND OVER	-	-	.69	.14	-	-	-	-	-	-	-	-	**	**
TOTAL	56.12	100.00	491.25	100.00	738.98	100.00	687.29	100.00	77.02	100.00	-	-	2,050.64	100.00

Table 4.9.1 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	2.71	27.54	14.23	17.40	7.35	8.31	3.07	4.87	**	**	-	-	27.58	11.18
0.10 - 0.50	6.37	64.74	45.20	55.28	41.39	46.77	28.27	44.85	**	**	-	-	122.79	49.78
0.51 - 1.00	**	**	18.24	22.31	27.32	30.87	19.13	30.35	1.26	35.10	-	-	66.45	26.94
1.01 - 2.00	**	**	4.09	5.00	11.63	13.14	10.81	17.15	-	-	-	-	26.79	10.86
2.01 - 5.00	-	-	-	-	**	**	1.75	2.78	**	**	-	-	3.08	1.25
5.01 -10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	9.84	100.00	81.76	100.00	88.49	100.00	63.03	100.00	3.59	100.00	-	-	246.69	100.00

Table 4.9.2 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	28.66	18.32	21.56	9.71	8.29	4.16	-	-	-	-	65.81	10.58
0.10 - 0.50	15.43	57.73	96.77	61.85	122.18	55.01	80.33	40.31	5.89	33.43	-	-	320.59	51.53
0.51 - 1.00	3.43	12.83	23.13	14.78	54.68	24.62	73.26	36.76	6.78	38.48	-	-	161.27	25.92
1.01 - 2.00	**	**	7.91	5.06	20.46	9.21	31.12	15.62	3.60	20.43	-	-	63.67	10.23
2.01 - 5.00	-	-	-	-	**	**	6.28	3.15	**	**	-	-	10.86	1.75
5.01 -10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	26.73	100.00	156.47	100.00	222.11	100.00	199.28	100.00	17.62	100.00	-	-	622.20	100.00



Table 4.9.3 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD												ALL HOUSEHOLDS	
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%		
UNDER 0.10	**	**	21.94	20.13	15.98	7.17	11.31	5.24	-	-	-	-	50.59	8.66
0.10 - 0.50	5.50	66.11	61.18	56.12	110.52	49.56	75.41	34.91	4.76	17.15	-	-	257.37	44.06
0.51 - 1.00	**	**	21.89	20.08	62.04	27.82	76.74	35.52	12.75	45.95	-	-	174.87	29.94
1.01 - 2.00	-	-	**	**	31.67	14.20	44.82	20.75	8.92	32.14	-	-	88.72	15.19
2.01 - 5.00	-	-	-	-	**	**	7.05	3.26	**	**	-	-	11.17	1.91
5.01 - 10.00	-	-	-	-	-	-	**	**	-	-	-	-	.71	.12
10.01 AND OVER	-	-	**	**	-	-	-	-	-	-	-	-	.69	.12
TOTAL	8.32	100.00	109.01	100.00	223.01	100.00	216.04	100.00	27.75	100.00	-	-	584.12	100.00

Table 4.9.4 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD												ALL HOUSEHOLDS	
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%		
UNDER 0.10	6.55	58.33	47.05	32.67	36.80	17.92	12.49	5.98	**	**	-	-	103.51	17.32
0.10 - 0.50	4.68	41.67	88.73	61.61	135.53	65.99	120.91	57.87	18.33	65.30	-	-	368.19	61.61
0.51 - 1.00	-	-	7.56	5.25	29.79	14.51	64.63	30.93	6.04	21.52	-	-	108.02	18.08
1.01 - 2.00	-	-	**	**	**	**	9.42	4.51	**	**	-	-	15.72	2.63
2.01 - 5.00	-	-	-	-	-	-	**	**	**	**	-	-	**	**
5.01 - 10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	11.23	100.00	144.01	100.00	205.37	100.00	208.93	100.00	28.07	100.00	-	-	597.62	100.00

Table 4.10 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
GAMBELA

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	.09	15.25	.25	8.53	.34	10.46	.25	10.59	-	-	-	-	.92	9.62
0.10 - 0.50	.28	47.46	1.24	42.32	1.18	36.31	.98	41.53	.12	27.91	-	-	3.81	39.85
0.51 - 1.00	.17	28.81	1.01	34.47	1.01	31.08	.58	24.58	.11	25.58	-	-	2.88	30.13
1.01 - 2.00	**	**	.38	12.97	.65	20.00	.41	17.37	**	**	-	-	1.53	16.00
2.01 - 5.00	-	-	**	**	**	**	**	**	**	**	-	-	.38	3.97
5.01 -10.00	-	-	-	-	-	-	-	-	**	**	-	-	**	**
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	.59	100.00	2.93	100.00	3.25	100.00	2.36	100.00	.43	100.00	-	-	9.56	100.00

Table 4.11 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)  
HARARI

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	**	**	.11	4.72	.12	3.33	**	**	**	**	-	-	.38	3.23
0.10 - 0.50	.11	57.89	1.29	55.36	1.75	48.61	1.86	37.80	.13	17.81	-	-	5.13	43.62
0.51 - 1.00	.06	31.58	.68	29.18	1.19	33.06	1.74	35.37	.37	50.68	-	-	4.03	34.27
1.01 - 2.00	-	-	.23	9.87	.49	13.61	1.10	22.36	.14	19.18	-	-	1.96	16.67
2.01 - 5.00	-	-	**	**	**	**	.12	2.44	**	**	-	-	.24	2.04
5.01 -10.00	-	-	-	-	**	**	-	-	-	-	-	-	**	**
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	.19	100.00	2.33	100.00	3.60	100.00	4.92	100.00	.73	100.00	-	-	11.76	100.00

Table 4.12

TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

ADDIS ABABA

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	-	-	.07	9.86	.05	3.94	.04	2.08	**	**	-	-	.18	3.96
0.10 - 0.50	**	**	.18	25.35	.23	18.11	.10	5.21	-	-	-	-	.53	11.67
0.51 - 1.00	.04	44.44	.13	18.31	.22	17.32	.23	11.98	-	-	-	-	.62	13.66
1.01 - 2.00	.02	22.22	.24	33.80	.39	30.71	.54	28.13	.10	18.18	-	-	1.29	28.41
2.01 - 5.00	**	**	.09	12.68	.37	29.13	.83	43.23	.26	47.27	-	-	1.56	34.36
5.01 -10.00	-	-	-	-	**	**	.18	9.38	.16	29.09	-	-	.35	7.71
10.01 AND OVER	-	-	-	-	-	-	-	-	**	**	-	-	**	**
TOTAL	.09	100.00	.71	100.00	1.27	100.00	1.92	100.00	.55	100.00	-	-	4.54	100.00

Table 4.13

TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD  
1996/97 (1989 E.C.)

DIRE DAWA

NUMBER IN THOUSANDS

SIZE OF HOLDING (IN HECTARES)	SIZE OF HOUSEHOLD													
	ONE MEMBER	%	2-3 MEMBER	%	4-5 MEMBER	%	6-9 MEMBER	%	10 AND ABOVE MEMBERS	%	MEMBERS NOT STATED	%	ALL HOUSEHOLDS	%
UNDER 0.10	-	-	.15	9.74	.14	4.22	.22	3.76	**	**	-	-	.57	4.80
0.10 - 0.50	.06	66.67	.99	64.29	1.88	56.63	3.03	51.79	.48	44.44	-	-	6.44	54.25
0.51 - 1.00	**	**	.31	20.13	.99	29.82	1.88	32.14	.37	34.26	-	-	3.57	30.08
1.01 - 2.00	-	-	**	**	.25	7.53	.68	11.62	.14	12.96	-	-	1.16	9.77
2.01 - 5.00	-	-	-	-	**	**	**	**	**	**	-	-	.13	1.10
5.01 -10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.01 AND OVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	.09	100.00	1.54	100.00	3.32	100.00	5.85	100.00	1.08	100.00	-	-	11.87	100.00

## 5. NUMBER OF HOLDERS BY AGE AND TYPE OF HOLDING

An attempt has been made to classify the number of agricultural households by age of holder and type of holding. The type of holdings were classified into three categories and these are:-

- CATEGORY I. CROP HOLDING ONLY
- CATEGORY II. LIVESTOCK HOLDING ONLY
- CATEGORY III. CROP AND LIVESTOCK HOLDING

According to this classification, at national level, it is estimated that about 1,482.94 thousand holders or 16.32 percent fall in category I; 235.40 thousand holders or 2.59 percent fall in category II, and 7,367.57 thousand holders or 81.09 percent fall in category III. Refer to the summary Table below.

From this, we can see that most of the peasant holders exercise mixed farming. This statement holds true for all regions & groups of zones. See Tables 5.3. - 5.13.

Table e : Summary of Total Number of Holders by Type of Holding

Type of holding	Total Holders	
	Number('000)	%
Crop Only	1,482.94	16.32
Livestock Only	235.40	2.59
Crop and Livestock	7,367.57	81.09
All Holding	9,085.91	100.00

Furthermore, one can see that the highest number of holders fall in the age group of 30-39 years (25.48%) and the next highest is in the age group 40-49 which comprises 20.77% of the total number of holders.

Table 5.1 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NATIONAL

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	16.18	**	8.52	5.78	21.16	2.28	54.94
18 - 20	59.76	7.55	14.68	3.29	150.81	16.49	252.58
21 - 24	110.67	12.98	25.45	**	345.93	36.94	535.56
25 - 29	231.75	25.45	24.74	11.27	932.23	72.53	1,297.97
30 - 39	278.04	78.92	17.26	13.73	1,700.35	226.36	2,314.66
40 - 49	187.75	60.05	15.09	14.06	1,377.19	233.02	1,887.16
50 - 59	111.35	70.30	9.96	14.65	898.12	194.93	1,299.31
60 & ABOVE	130.92	99.03	17.43	34.72	947.35	210.26	1,439.71
NOT STATED	1.24	-	.45	.73	1.62	-	4.04
TOTAL	1,127.66	355.30	133.58	101.82	6,374.76	992.81	9,085.93

TABLE 5.2 NUMBER OF HOLDERS BY TYPE OF HOLDING AND REGION  
1996/97 (1989 E.C.)

NUMBER IN THOUSANDS

REGION	TYPE OF HOLDING			HOLDING NOT STATED	TOTAL HOLDERS
	CROP ONLY	LIVESTOCK ONLY	CROP AND LIVESTOCK		
TIGRAY	118.73	27.32	469.74	-	615.78
AFAR	9.15	5.87	21.72	-	36.74
AMHARA	473.03	72.24	2,140.64	-	2,685.90
OROMIYA	548.57	104.58	2,801.28	-	3,454.43
SOMALIE	4.44	6.09	74.50	-	85.04
BENSHANGUL-GUMUZ	16.63	.87	67.83	-	85.33
S.N.N.P.R.	305.28	15.38	1,760.78	-	2,081.45
GAMBELA	4.18	.55	5.61	-	10.33
HARARI	1.48	.27	10.30	-	12.05
ADDIS ABABA	.71	.54	4.04	-	5.29
DIRE DAWA	.76	1.69	11.13	-	13.58
TOTAL	1,482.94	235.40	7,367.57	-	9,085.91

**FIG 3. NUMBER OF HOLDERS BY TYPE OF HOLDING  
NATIONAL  
1996/97(1989 E.C.)**

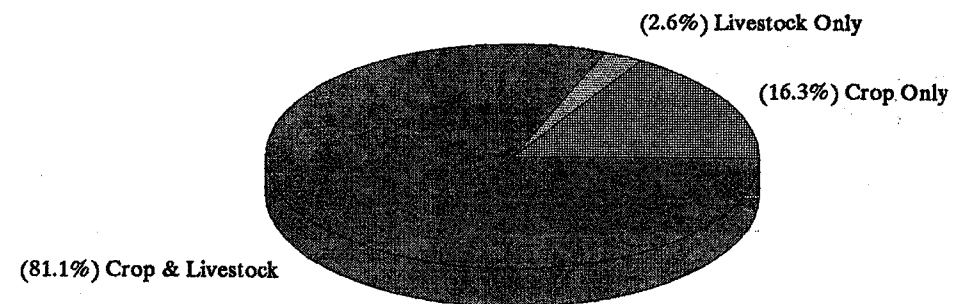


Table 5.3 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

TIGRAY

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	**	-	-	**
18 - 20	-	**	-	-	**	**	3.63
21 - 24	**	4.20	**	**	7.50	**	16.39
25 - 29	6.82	**	4.31	**	32.20	6.23	52.74
30 - 39	13.38	10.88	4.84	**	88.86	20.09	139.46
40 - 49	19.04	19.89	**	**	104.35	14.00	150.06
50 - 59	5.51	12.99	**	2.99	72.99	16.50	111.59
60 & ABOVE	11.62	18.44	**	**	84.66	18.23	138.51
NOT STATED	1.24	-	-	.73	-	-	1.97
TOTAL	58.99	59.73	16.00	11.34	391.95	77.79	615.80

Table 5.4 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

Afar

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	-	-	-	-	**	-	**
18 - 20	**	-	**	-	.15	-	**
21 - 24	**	**	**	-	.27	-	**
25 - 29	**	-	**	-	2.10	-	4.20
30 - 39	**	**	**	**	5.46	**	10.57
40 - 49	**	**	**	.43	3.88	**	8.18
50 - 59	**	**	.27	**	3.92	**	5.14
60 & ABOVE	**	**	.30	**	4.71	**	6.08
NOT STATED	-	-	-	-	-	-	-
TOTAL	8.12	1.04	5.13	.73	20.50	1.21	36.73

Table 5.5 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

AMHARA

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	2.87	-	**	3.96	**	**	10.25
18 - 20	11.93	4.20	9.85	**	27.71	6.81	62.19
21 - 24	19.83	**	18.31	**	92.46	6.40	140.00
25 - 29	69.62	10.65	8.14	**	277.71	6.54	374.89
30 - 39	77.94	36.00	2.70	4.04	496.43	40.37	657.48
40 - 49	63.52	26.64	-	**	419.37	71.07	582.84
50 - 59	33.59	28.64	-	2.85	287.49	57.07	409.64
60 & ABOVE	45.36	40.11	3.36	10.45	281.08	67.76	448.12
NOT STATED	-	-	-	-	.45	-	.45
TOTAL	324.66	148.35	43.87	28.35	1,884.27	256.36	2,685.86

Table 5.5.1 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	**	**	-	-	**
18 - 20	**	**	**	-	8.61	**	14.72
21 - 24	3.06	-	5.77	-	24.67	**	35.78
25 - 29	9.68	**	2.95	**	90.41	**	107.36
30 - 39	10.31	6.22	-	**	158.80	8.19	184.14
40 - 49	10.37	9.56	-	**	116.84	17.12	155.19
50 - 59	4.98	5.27	-	**	82.10	16.60	110.32
60 & ABOVE	12.43	9.44	**	5.10	75.35	17.61	122.18
NOT STATED	-	-	-	-	-	-	-
TOTAL	52.24	32.06	15.58	12.68	556.78	64.78	734.12



Table 5.5.2 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST, WEST GOJAM AND AGEWAWI Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	-	-	-	**	.55	**	-
18 - 20	3.46	**	5.88	**	10.41	**	**
21 - 24	5.71	**	11.68	**	40.07	**	**
25 - 29	26.51	3.02	**	-	101.06	**	**
30 - 39	29.30	14.12	**	**	139.62	8.63	**
40 - 49	20.32	7.17	-	**	108.20	21.52	**
50 - 59	14.51	11.69	-	**	74.26	13.49	**
60 & ABOVE	14.52	10.31	-	**	55.90	15.80	**
NOT STATED	-	-	-	-	-	-	-
TOTAL	114.33	49.01	22.79	8.59	530.07	63.80	

Table 5.5.3 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH WOLO AND WAGHAMRA Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	-	-	-	-	**	**	**
18 - 20	1.88	**	-	-	**	**	7.70
21 - 24	**	**	-	-	6.29	-	7.67
25 - 29	11.21	2.40	**	**	20.27	1.44	35.77
30 - 39	12.75	5.86	-	**	61.70	4.43	85.33
40 - 49	11.87	5.81	-	**	59.67	5.70	83.35
50 - 59	3.22	5.10	-	**	33.63	8.16	50.80
60 & ABOVE	6.28	7.43	**	**	38.38	7.75	63.09
NOT STATED	-	-	-	-	.45	-	.45
TOTAL	48.23	28.54	.59	4.69	222.43	30.35	334.83

Table 5.5.4 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

SOUTH WOLO, OROMIYA AND NORTH SHEWA Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	**	.69	-	**
18 - 20	**	**	**	-	6.98	**	15.47
21 - 24	10.04	-	**	-	21.43	**	34.77
25 - 29	22.21	4.53	**	-	65.98	**	96.38
30 - 39	25.58	9.80	**	**	136.31	19.12	193.19
40 - 49	20.96	4.10	-	-	134.66	26.73	186.45
50 - 59	10.88	6.59	-	-	97.50	18.82	133.79
60 & ABOVE	12.12	12.93	**	**	111.45	26.60	164.59
NOT STATED	-	-	-	-	-	-	-
TOTAL	109.84	38.76	4.92	2.40	575.00	97.43	828.35

Table 5.6 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

OROMIYA

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N <sup>o</sup> OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	9.01	-	**	**	12.74	**	28.11
18 - 20	33.56	**	3.33	**	72.78	**	115.17
21 - 24	60.39	3.50	3.25	**	171.95	17.07	257.40
25 - 29	85.41	6.95	9.00	7.72	359.34	33.89	502.31
30 - 39	112.64	17.14	5.19	5.03	620.27	84.12	844.39
40 - 49	60.36	11.10	**	8.19	485.12	81.67	656.52
50 - 59	50.54	12.83	7.43	7.46	326.63	67.52	472.41
60 & ABOVE	56.56	27.97	9.32	20.31	372.50	90.51	577.17
NOT STATED	-	-	.45	-	.49	-	.94
TOTAL	468.47	80.09	52.33	52.24	2,421.82	379.47	3,454.42

Table 5.6.1 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST WELEGA Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N <sup>a</sup> OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	**	**	2.95	**	7.65
18 - 20	7.73	-	**	**	12.45	**	21.74
21 - 24	6.17	**	-	-	24.63	**	33.23
25 - 29	22.29	3.43	**	**	52.98	3.96	85.06
30 - 39	29.17	3.41	**	**	76.97	12.79	124.41
40 - 49	16.42	3.06	**	**	66.94	11.38	99.30
50 - 59	9.37	3.73	-	**	43.68	12.43	69.71
60 & ABOVE	15.66	6.82	**	**	49.51	11.23	84.22
NOT STATED	-	-	.45	-	-	-	.45
TOTAL	108.37	21.93	6.55	4.53	330.11	54.28	525.77

Table 5.6.2 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

ILUBABOR AND JIMA Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N <sup>a</sup> OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	**	**	3.06	-	5.74
18 - 20	3.00	-	**	-	14.62	-	18.50
21 - 24	6.02	-	**	-	28.63	**	37.15
25 - 29	14.47	-	2.59	**	58.75	4.63	81.40
30 - 39	15.21	**	**	-	105.36	11.11	133.66
40 - 49	7.98	**	**	1.59	89.73	5.91	106.84
50 - 59	8.78	2.62	-	**	64.75	6.86	83.53
60 & ABOVE	8.36	**	-	**	68.46	9.50	87.86
NOT STATED	-	-	-	-	-	-	-
TOTAL	64.34	6.13	7.20	4.10	433.36	39.55	554.68

Table 5.6.3 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND WEST SHEWA Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	-	**	-	2.62
18 - 20	**	**	**	-	4.85	-	9.97
21 - 24	15.25	**	**	-	31.30	-	48.59
25 - 29	17.12	**	**	**	64.07	3.99	91.01
30 - 39	22.23	**	**	**	94.10	15.48	135.68
40 - 49	12.56	3.98	**	**	88.48	17.81	125.36
50 - 59	12.26	**	**	**	70.63	22.56	112.19
60 & ABOVE	8.60	7.65	2.40	8.18	95.01	30.94	152.78
NOT STATED	-	-	-	-	-	-	-
TOTAL	92.56	18.52	11.49	15.10	449.75	90.78	678.20

Table 5.6.4 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	**	-	**	-	8.97
18 - 20	15.84	-	-	-	24.45	**	43.44
21 - 24	27.62	**	**	**	53.49	14.01	98.64
25 - 29	22.53	**	**	4.07	113.13	18.48	160.79
30 - 39	30.95	9.41	**	**	184.28	31.81	260.80
40 - 49	13.59	**	**	**	129.01	39.37	193.45
50 - 59	17.09	4.07	**	**	78.87	17.25	123.64
60 & ABOVE	19.99	8.67	**	8.00	108.38	31.79	181.41
NOT STATED	-	-	-	-	-	-	-
TOTAL	153.24	26.65	22.39	19.12	693.88	155.86	1,071.14

Table 5.6.5 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST HARERGE Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	-	-	-	-	3.14	-	3.14
18 - 20	3.76	-	**	**	16.41	-	21.52
21 - 24	5.33	-	-	-	33.90	**	39.80
25 - 29	9.00	**	-	**	70.41	2.83	84.04
30 - 39	15.09	**	**	**	159.57	12.93	189.84
40 - 49	9.80	**	**	**	110.97	7.20	131.58
50 - 59	3.05	**	**	**	68.70	8.43	83.37
60 & ABOVE	3.94	3.78	**	3.16	51.14	7.05	70.87
NOT STATED	-	-	-	-	.49	-	.49
TOTAL	49.97	6.87	4.70	9.37	514.73	39.01	624.65

Table 5.7 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

SOMALIE

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	-	-	-	-	.16	-	.16
18 - 20	**	**	-	**	2.07	.30	3.12
21 - 24	**	-	-	-	2.36	-	2.68
25 - 29	**	-	**	**	8.44	**	10.82
30 - 39	.87	**	**	1.34	18.14	.72	21.89
40 - 49	.57	-	**	**	16.77	1.62	20.05
50 - 59	**	**	**	**	8.04	2.27	11.57
60 & ABOVE	**	**	.77	**	11.08	1.99	14.73
NOT STATED	-	-	-	-	-	-	-
TOTAL	3.79	.65	2.81	3.28	67.06	7.43	85.02

Table 5.8 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

BENSHANGUL GUMEZ

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N <sup>o</sup> OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	-	**	**	1.96
18 - 20	1.79	-	-	**	2.57	**	4.80
21 - 24	1.64	**	**	-	5.01	1.07	7.98
25 - 29	2.62	**	**	-	7.47	1.08	11.53
30 - 39	2.53	.52	**	**	16.02	1.14	20.50
40 - 49	1.66	**	-	-	13.35	2.26	18.17
50 - 59	1.37	**	-	-	8.42	.63	11.27
60 & ABOVE	1.70	**	-	-	7.09	.88	10.10
NOT STATED	-	-	-	-	-	-	-
TOTAL	13.73	2.89	.57	.29	60.32	7.51	85.31

Table 5.9 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

(S.N.N.P.R)

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N <sup>o</sup> OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	3.01	**	**	-	5.95	**	13.35
18 - 20	11.05	**	1.37	-	42.79	3.95	60.87
21 - 24	25.78	2.71	1.64	**	64.58	10.85	106.24
25 - 29	63.03	5.28	**	-	240.96	24.06	335.46
30 - 39	66.66	13.81	**	**	446.88	79.20	609.11
40 - 49	41.26	10.64	**	**	328.57	60.79	442.77
50 - 59	18.88	14.66	**	**	187.48	50.33	272.88
60 & ABOVE	14.16	11.62	**	**	183.28	29.74	240.07
NOT STATED	-	-	-	-	.68	-	.68
TOTAL	243.83	61.45	11.09	4.30	1,501.17	259.59	2,081.43

Table 5.9.1 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	**	-	-	1.06	-	1.79
18 - 20	3.32	**	**	-	6.17	**	11.35
21 - 24	4.77	**	**	-	14.35	1.06	20.99
25 - 29	9.30	**	-	-	33.84	2.47	47.30
30 - 39	9.04	1.36	-	-	54.48	11.44	76.32
40 - 49	3.05	**	-	**	34.97	5.35	45.42
50 - 59	1.42	**	**	-	18.87	3.23	24.44
60 & ABOVE	**	1.22	-	-	18.00	2.19	22.55
NOT STATED	-	-	-	-	-	-	-
TOTAL	32.45	7.85	1.89	.25	181.74	25.98	250.16

Table 5.9.2 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	-	**	**	5.92
18 - 20	**	**	-	-	18.37	**	24.04
21 - 24	13.55	**	**	**	18.95	**	37.00
25 - 29	20.87	**	-	-	82.13	5.85	110.85
30 - 39	18.80	4.27	**	-	153.78	24.14	202.26
40 - 49	12.15	4.64	-	-	100.36	18.31	135.46
50 - 59	4.34	5.19	-	-	43.22	14.19	66.94
60 & ABOVE	**	**	-	-	35.54	10.02	50.11
NOT STATED	-	-	-	-	-	-	-
TOTAL	77.21	20.22	1.95	.68	456.36	76.16	632.58

Table 5.9.3 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	**	**	-	-	-	2.77
18 - 20	**	-	-	-	6.09	**	8.61
21 - 24	**	-	**	-	15.79	3.27	21.28
25 - 29	6.54	**	**	-	55.03	6.87	69.89
30 - 39	11.52	4.37	-	**	126.75	30.29	173.65
40 - 49	5.56	2.75	-	**	97.67	23.39	130.07
50 - 59	**	**	-	**	68.77	24.28	95.76
60 & ABOVE	**	3.53	-	**	73.19	10.28	88.58
NOT STATED	-	-	-	-	.68	-	.68
TOTAL	29.39	12.75	2.10	2.80	443.97	100.28	591.29

Table 5.9.4 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	-	-	**	-	**	-	2.90
18 - 20	2.76	**	-	-	12.16	**	16.86
21 - 24	5.95	**	-	-	15.51	**	27.01
25 - 29	26.32	**	**	-	69.96	8.87	107.43
30 - 39	27.30	3.81	-	**	111.88	13.33	156.90
40 - 49	20.51	**	**	-	95.58	13.74	131.84
50 - 59	11.74	8.17	**	-	56.62	8.63	85.74
60 & ABOVE	10.21	4.23	**	-	56.55	7.25	78.82
NOT STATED	-	-	-	-	-	-	-
TOTAL	104.79	20.66	5.16	.58	419.15	57.16	607.50



Table 5.10 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

GAMBELA

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	**	**	.17	**	.31
18 - 20	.20	**	**	**	.27	.10	.64
21 - 24	.49	**	**	**	.46	**	1.24
25 - 29	.75	**	**	-	.80	.10	1.80
30 - 39	.83	.18	.07	**	1.33	**	2.49
40 - 49	.56	.19	**	**	.92	.30	2.00
50 - 59	.29	.09	**	**	.35	.15	.94
60 & ABOVE	.32	.11	**	**	.36	.08	.92
NOT STATED	-	-	-	-	-	-	-
TOTAL	3.50	.68	.38	.18	4.66	.94	10.34

Table 5.11 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

HARARI

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	-	.11	**	.17
18 - 20	.19	-	-	-	.49	**	.70
21 - 24	.12	**	-	-	.63	**	.78
25 - 29	.25	-	**	-	1.52	**	1.83
30 - 39	.33	**	**	**	3.03	.21	3.64
40 - 49	.14	**	**	-	2.04	.24	2.51
50 - 59	.09	**	-	**	1.00	.08	1.25
60 & ABOVE	.15	.09	-	.07	.63	.25	1.19
NOT STATED	-	-	-	-	-	-	-
TOTAL	1.31	.17	.12	.15	9.45	.87	12.07

Table 5.12 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

ADDIS ABABA

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	**	**	.02	-	.08
18 - 20	.06	-	-	**	.06	-	.12
21 - 24	.08	-	**	**	.12	-	.22
25 - 29	.13	**	.02	.02	.39	**	.57
30 - 39	.15	**	.18	.05	.80	.10	1.30
40 - 49	**	.03	.09	.03	.57	.17	.92
50 - 59	.03	.03	.03	**	.55	.12	.79
60 & ABOVE	.06	.04	.02	.04	.90	.24	1.30
NOT STATED	-	-	-	-	-	-	-
TOTAL	.58	.13	.36	.19	3.41	.63	5.30

Table 5.13 NUMBER OF HOLDERS BY AGE, SEX AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

DIRE DAWA

NUMBER IN THOUSANDS

AGE OF HOLDERS IN YEARS	TYPE OF HOLDING						TOTAL N° OF HOLDERS
	WITH CROP ONLY		WITH LIVESTOCK ONLY		WITH CROP AND LIVESTOCK		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
UNDER 18	**	-	-	-	**	**	.08
18 - 20	**	-	**	-	.54	-	.65
21 - 24	**	-	**	-	.59	**	.75
25 - 29	.15	-	.21	.10	1.30	**	1.80
30 - 39	.16	**	.16	.17	3.12	.19	3.83
40 - 49	.15	**	**	**	2.24	.39	3.14
50 - 59	**	**	**	.23	1.26	.14	1.82
60 & ABOVE	**	**	.14	.09	1.05	.15	1.49
NOT STATED	-	-	-	-	-	-	-
TOTAL	.65	.11	.92	.77	10.14	.97	13.56

## 6. NUMBER OF HOLDERS BY SEX AND TYPE OF HOLDING

The total number of holders is estimated to be 9,085.91 thousand, of which 7,635.99 thousand (84.04%) are male holders and, 1,449.29 thousand (15.96%) are female holders. Out of the total male holders, 83.48% are engaged in crop and livestock, 14.77% in crop and the other 1.75% in livestock only. Similarly, out of the total female holders, 68.47%, 24.50% and 7.02% are engaged in crop and livestock, crop only and livestock only respectively.

From this result one can observe that in the country almost 81% of the holders exercise crop cultivation and keep livestock simultaneously. See Summary Table below.

**Table f : Summary of Number of Holders by Sex and type of Holding**

NUMBER IN THOUSANDS

Type of Holding	Sex of Holder				Total <sup>a</sup>	
	Male		Female			
	Number	%	Number	%	Number	%
Crop Only	1,127.66	14.77	355.29	24.50	1,482.94	16.32
Livestock Only	133.58	1.75	10183	7.02	235.40	2.59
Crop & Livestock	6,374.75	83.48	1021.30	68.47	7,367.57	81.09
Total	7,635.99	100.00	1,449.91	100.00	9,085.91	100.00

\* - Both sex

The national estimate of holders by sex and type of holding is given in Table 6.1, while the regional and group of zones estimates are indicated in Tables 6.3 - 6.13. Therefore for detailed information refer to these tables.

Table 6.1 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NATIONAL

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	1,127.66	14.77	133.58	1.75	6,374.75	83.48	7,635.99	100.00
FEMALE	355.29	24.50	101.82	7.02	992.81	68.47	1,449.91	100.00
TOTAL	1,482.94	16.32	235.40	2.59	7,367.57	81.09	9,085.91	100.00

TABLE 6.2 NUMBER OF HOLDERS BY SEX, TYPE OF HOLDING AND REGION  
1996/97 (1989 E.C.)

NUMBER IN THOUSANDS

REGION	MALE HOLDERS			FEMALE HOLDERS			HOLDING NOT STATED	TOTAL HOLDERS
	CROP ONLY	LIVESTOCK ONLY	CROP AND LIVESTOCK	CROP ONLY	LIVESTOCK ONLY	CROP AND LIVESTOCK		
TIGRAY	59.00	15.99	391.95	59.73	11.33	77.79	-	615.78
AFAR	8.12	5.14	20.51	1.03	.74	1.21	-	36.74
AMHARA	324.67	43.88	1,884.27	148.35	28.36	256.37	-	2,685.91
OROMIYA	468.48	52.34	2,421.81	80.09	52.24	379.48	-	3,454.43
SOMALIE	3.79	2.81	67.07	.66	3.29	7.43	-	85.04
BENSHANGUL-GUMUZ	13.73	.58	60.32	2.89	.29	7.51	-	85.33
S.N.N.P.R.	243.84	11.08	1,501.18	61.44	4.30	259.60	-	2,081.44
GAMBELA	3.50	.38	4.66	.68	.17	.95	-	10.33
HARARI	1.31	.12	9.43	.17	.15	.87	-	12.05
ADDIS ABABA	.58	.35	3.41	.13	.18	.63	-	5.29
DIRE DAWA	.65	.92	10.15	.11	.77	.98	-	13.58
TOTAL	1,127.66	133.58	6,374.76	355.28	101.81	992.81	-	9,085.91

**FIG 4. NUMBER OF HOLDERS BY TYPE OF HOLDING AND SEX**  
**NATIONAL**  
**1996/97(1989 E.C.)**

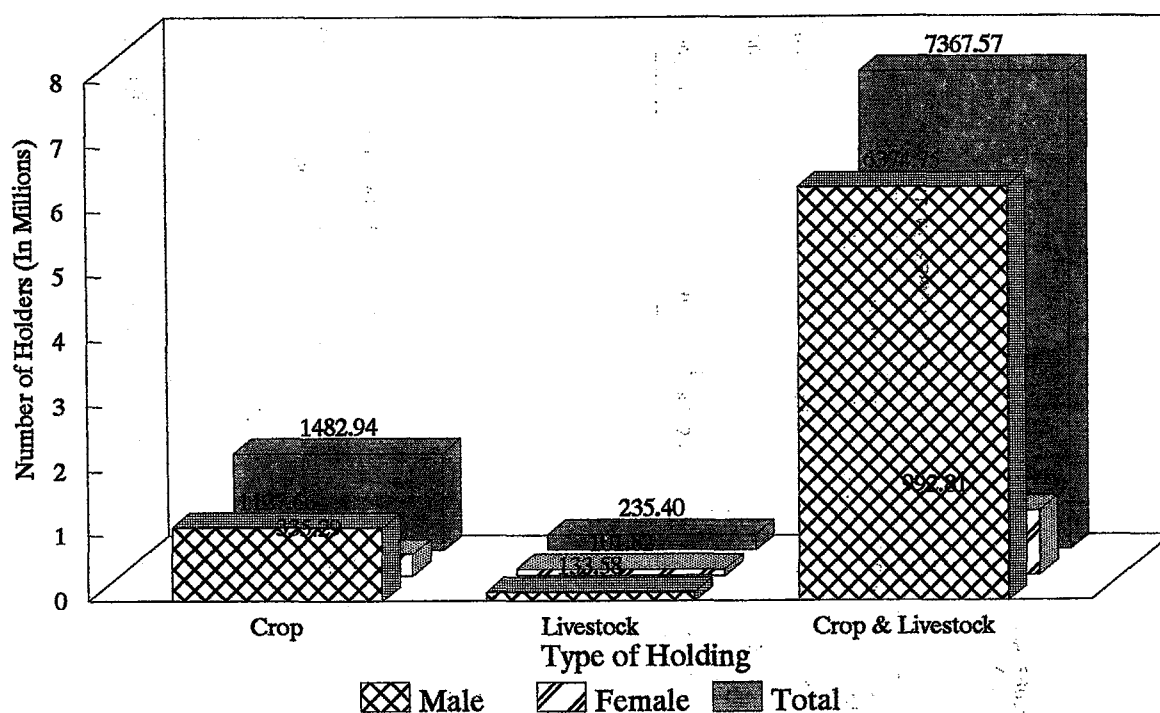


Table 6.3 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

## TIGRAY

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	59.00	12.64	15.99	3.42	391.95	83.94	466.93	100.00
FEMALE	59.73	40.13	11.33	7.61	77.79	52.26	148.85	100.00
TOTAL	118.73	19.28	27.32	4.44	469.74	76.28	615.78	100.00

Table 6.4 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

## Afar

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	**	**	**	**	20.51	60.75	33.76	100.00
FEMALE	**	**	.74	24.83	1.21	40.60	2.98	100.00
TOTAL	**	**	**	**	21.72	59.12	36.74	100.00

Table 6.5 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

AMHARA

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	324.67	14.41	43.88	1.95	1,884.27	83.64	2,252.82	100.00
FEMALE	148.35	34.25	28.36	6.55	256.37	59.20	433.08	100.00
TOTAL	473.03	17.61	72.24	2.69	2,140.64	79.70	2,685.91	100.00

Table 6.5.1 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	52.26	8.37	15.59	2.50	556.78	89.14	624.62	100.00
FEMALE	32.05	29.27	12.69	11.59	64.77	59.15	109.50	100.00
TOTAL	84.30	11.48	28.27	3.85	621.55	84.66	734.13	100.00

Table 6.5.2 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST, WEST GOJAM AND AGEWAWI Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	114.33	17.14	22.79	3.42	530.07	79.45	667.19	100.00
FEMALE	49.02	40.38	8.58	7.07	63.80	52.56	121.39	100.00
TOTAL	163.35	20.71	31.37	3.98	593.87	75.31	788.58	100.00

Table 6.5.3 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH WOLO AND WAGHAMRA Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	48.23	17.78	**	**	222.43	82.00	271.25	100.00
FEMALE	28.53	44.87	4.69	7.38	30.35	47.74	63.58	100.00
TOTAL	76.77	22.93	5.28	1.58	252.78	75.50	334.83	100.00



Table 6.5.4 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

SOUTH WOLO, OROMIYA AND NORTH SHEWA Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	109.85	15.93	**	**	575.00	83.36	689.76	100.00
FEMALE	38.76	27.96	**	**	97.45	70.31	138.61	100.00
TOTAL	148.61	17.94	**	**	672.44	81.18	828.37	100.00

Table 6.6 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

OROMIYA

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	468.48	15.92	52.34	1.78	2,421.81	82.30	2,942.63	100.00
FEMALE	80.09	15.65	52.24	10.21	379.48	74.15	511.80	100.00
TOTAL	548.57	15.88	104.58	3.03	2,801.28	81.09	3,454.43	100.00

Table 6.6.1 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST WELEGA Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	108.37	24.35	6.55	1.47	330.12	74.18	445.03	100.00
FEMALE	21.92	27.16	4.53	5.61	54.27	67.23	80.72	100.00
TOTAL	130.29	24.78	11.07	2.11	384.39	73.11	525.76	100.00

Table 6.6.2 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

ILUBABOR AND JIMA Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	64.33	12.74	7.19	1.42	433.35	85.83	504.87	100.00
FEMALE	6.13	12.31	4.10	8.24	39.54	79.43	49.78	100.00
TOTAL	70.46	12.70	11.30	2.04	472.89	85.26	554.65	100.00

Table 6.6.3 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND WEST SHEWA Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	92.55	16.71	11.50	2.08	449.74	81.21	553.80	100.00
FEMALE	18.51	14.88	15.11	12.15	90.78	72.97	124.40	100.00
TOTAL	111.07	16.38	26.61	3.92	540.52	79.70	678.19	100.00

Table 6.6.4 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	153.25	17.62	**	**	693.88	79.80	869.53	100.00
FEMALE	26.66	13.22	19.12	9.48	155.87	77.30	201.64	100.00
TOTAL	179.91	16.80	41.51	3.88	849.75	79.33	1,071.17	100.00

Table 6.6.5 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

EAST AND WEST HARERGE Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	49.97	8.78	4.71	.83	514.71	90.40	569.39	100.00
FEMALE	6.87	12.43	9.38	16.97	39.01	70.59	55.26	100.00
TOTAL	56.84	9.10	14.09	2.26	553.73	88.65	624.66	100.00

Table 6.7 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

SOMALIE

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	3.79	5.15	2.81	3.81	67.07	91.05	73.66	100.00
FEMALE	.66	5.80	3.29	28.91	7.43	65.29	11.38	100.00
TOTAL	4.44	5.22	6.09	7.16	74.50	87.61	85.04	100.00

Table 6.8 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

BENSHANGUL GUMEZ

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	13.73	18.40	**	**	60.32	80.83	74.63	100.00
FEMALE	2.89	27.01	**	**	7.51	70.19	10.70	100.00
TOTAL	16.63	19.49	**	**	67.83	79.49	85.33	100.00

Table 6.9 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

(S.N.N.P.R)

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	243.84	13.89	11.08	.63	1,501.18	85.48	1,756.10	100.00
FEMALE	61.44	18.88	4.30	1.32	259.60	79.79	325.34	100.00
TOTAL	305.28	14.67	15.38	.74	1,760.78	84.59	2,081.44	100.00

Table 6.9.1 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	32.44	15.01	1.90	.88	181.73	84.10	216.08	100.00
FEMALE	7.84	23.02	**	**	25.98	76.28	34.06	100.00
TOTAL	40.29	16.11	2.15	.86	207.71	83.04	250.14	100.00

Table 6.9.2 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	77.21	14.42	**	**	456.35	85.22	535.51	100.00
FEMALE	20.21	20.82	**	**	76.16	78.48	97.05	100.00
TOTAL	97.42	15.40	2.63	.42	532.51	84.18	632.56	100.00

Table 6.9.3 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	29.40	6.18	**	**	443.96	93.38	475.45	100.00
FEMALE	12.74	11.00	**	**	100.29	86.59	115.82	100.00
TOTAL	42.14	7.13	**	**	544.25	92.05	591.26	100.00

Table 6.9.4 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	104.79	19.81	5.15	.97	419.14	79.22	529.07	100.00
FEMALE	20.65	26.34	**	**	57.18	72.92	78.41	100.00
TOTAL	125.44	20.65	5.72	.94	476.31	78.41	607.48	100.00

Table 6.10 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

GAMBELA

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	3.50	40.98	**	**	4.66	54.57	8.54	100.00
FEMALE	.68	37.99	.17	9.50	.95	53.07	1.79	100.00
TOTAL	4.18	40.46	**	**	5.61	54.31	10.33	100.00

Table 6.11 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

HARARI

NUMBER IN THOUSANDS

SEX OF HOLDERS	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	1.31	12.06	.12	1.10	9.43	86.83	10.86	100.00
FEMALE	.17	14.29	.15	12.61	.87	73.11	1.19	100.00
TOTAL	1.48	12.28	.27	2.24	10.30	85.48	12.05	100.00



Table 6.12 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

ADDIS ABABA

SEX OF HOLDERS	NUMBER IN THOUSANDS							
	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	.58	13.33	.35	8.05	3.41	78.39	4.35	100.00
FEMALE	.13	13.83	.18	19.15	.63	67.02	.94	100.00
TOTAL	.71	13.42	.54	10.21	4.04	76.37	5.29	100.00

Table 6.13 NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING  
1996/97 (1989 E.C.)

DIRE DAWA

SEX OF HOLDERS	NUMBER IN THOUSANDS							
	WITH CROP ONLY	PERCENT	WITH LIVESTOCK ONLY	PERCENT	WITH CROP & LIVESTOCK	PERCENT	TOTAL NUMBER OF HOLDERS	PERCENT
MALE	.65	5.55	.92	7.85	10.15	86.60	11.72	100.00
FEMALE	.11	5.91	.77	41.40	.98	52.69	1.86	100.00
TOTAL	.76	5.60	1.69	12.44	11.13	81.96	13.58	100.00

## **7. NUMBER OF AGRICULTURAL HOUSEHOLDS, CROP LAND AND** **AVERAGE CROP LAND BY TYPE OF CROP AND SIZE OF HOLDING**

As mentioned earlier, the total number of agricultural households is estimated to be about 8,682.13 thousand. Of this total, 8,367.92 thousand agricultural households are engaged in the cultivation of temporary crops while about 4,080.88 thousand agricultural households are engaged in growing permanent crops. It should be noted here that agricultural households which are engaged in cultivation of temporary and permanent crops are not exclusive (i.e. households might grow both permanent and temporary crops and could be counted twice). It is also indicated earlier that the average crop land for total crop land per household was estimated to be 1.02 hectare. When this is examined by type of crop land, the average crop land under temporary and permanent crops per household was 0.98 and 0.14 hectare, respectively (See Table 7.1).

**Table g: Summary of Households and Land under Temporary and Permanent Crops**

Items	Number/Area
Land under Temporary Crops('000 HA)	8,233.38
Households reporting Temp. Crops('000)	8,367.92
Land under Permanent crops('000 HA)	591.68
Households reporting Perm. Crops('000)	4,080.88

TABLE 7.1 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NATIONAL

ITEMS	SIZE OF HOLDING('000 HA)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
Nº OF HOUSEHOLDS ('000)	814.98	2,442.19	2,047.93	2,022.29	993.25	45.76	**	8,367.92
PERCENTAGE OF HOUSEHOLDS	9.74	29.19	24.47	24.17	11.87	.55	.02	100.00
TOTAL CROP LAND AREA ('000 HA)	38.97	725.60	1,507.63	2,890.21	2,781.38	271.82	**	8,233.38
PERCENTAGE OF CROP LAND AREA	.47	8.81	18.31	35.10	33.78	3.30	.22	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.30	.74	1.43	2.80	5.94	11.61	.98
PERMANENT								
Nº OF HOUSEHOLDS ('000)	2,306.01	1,599.34	139.36	34.18	**	-	**	4,080.88
PERCENTAGE OF HOUSEHOLDS	56.51	39.19	3.41	.84	.03	-	.02	100.00
TOTAL CROP LAND AREA ('000 HA)	93.52	339.47	95.06	49.18	**	-	**	591.68
PERCENTAGE OF CROP LAND AREA	15.81	57.37	16.07	8.31	.51	-	1.94	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.21	.68	1.44	2.27	-	16.59	.14
TOTAL								
CROP LAND AREA ('000 HA)	132.49	1,065.07	1,602.69	2,939.39	2,784.38	271.82	29.21	8,825.06
PERCENTAGE OF CROP LAND AREA	1.50	12.07	18.16	33.31	31.55	3.08	.33	100.00

TABLE 7.2 TOTAL CROP LAND AREA UNDER TEMPORARY AND PERMANENT CROP  
1996/97 (1989 E.C.)

REGION	TEMPORARY CROP AREA('000HA)	PERMANENT CROP AREA('000HA)	TOTAL CROP AREA('000HA)
TIGRAY	483.29	.56	483.85
AFAR	29.98	.35	30.32
AMHARA	3,127.32	27.49	3,154.81
OROMIYA	3,673.65	266.08	3,939.73
SOMALIE	51.32	5.26	56.58
BENSHANGUL-GUMUZ	112.04	2.12	114.16
S.N.N.P.R.	728.48	286.63	1,015.10
GAMBELA	5.70	.87	6.57
HARARI	6.10	1.76	7.86
ADDIS ABABA	9.75	-	9.76
DIRE DAWA	5.75	.56	6.31
TOTAL	8,233.38	591.68	8,825.06

Table 7.3 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD

BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

TIGRAY

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	14.83	208.88	177.54	145.28	32.73	-	-	579.26
PERCENTAGE OF HOUSEHOLDS	2.56	36.06	30.65	25.08	5.65	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.92	65.92	129.55	201.94	84.98	-	-	483.29
PERCENTAGE OF CROP LAND AREA	.19	13.64	26.81	41.78	17.58	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.32	.73	1.39	2.60	-	-	.83
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	17.33	-	-	-	-	-	-	17.33
PERCENTAGE OF HOUSEHOLDS	100.00	-	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.56	-	-	-	-	-	-	.56
PERCENTAGE OF CROP LAND AREA	100.00	-	-	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.03	-	-	-	-	-	-	.03
TOTAL								
CROP LAND AREA ('000 HA)	1.48	65.92	129.55	201.94	84.98	-	-	483.85
PERCENTAGE OF CROP LAND AREA	.31	13.62	26.77	41.74	17.56	-	-	100.00

Table 7.4 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

Afar

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
<b>TEMPORARY</b>								
N° OF HOUSEHOLDS ('000)	.73	6.48	11.12	**	**	**	**	30.59
PERCENTAGE OF HOUSEHOLDS	2.39	21.18	36.35	34.49	5.46	.10	.07	100.00
TOTAL CROP LAND AREA ('000 HA)	.06	2.11	8.29	**	4.72	**	**	29.98
PERCENTAGE OF CROP LAND AREA	.20	7.04	27.65	47.90	15.74	.63	.83	100.00
AVG. CROP LAND AREA PER HH(HA)	.08	.33	.75	1.36	2.83	6.33	12.50	.98
<b>PERMANENT</b>								
N° OF HOUSEHOLDS ('000)	**	**	**	**	-	-	-	**
PERCENTAGE OF HOUSEHOLDS	79.81	17.01	2.24	1.12	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.06	.14	**	.07	-	-	-	**
PERCENTAGE OF CROP LAND AREA	17.14	40.00	22.86	20.00	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.01	.15	.67	1.17	-	-	-	.07
<b>TOTAL</b>								
CROP LAND AREA ('000 HA)	.12	2.25	8.37	14.43	4.72	.19	.25	30.33
PERCENTAGE OF CROP LAND AREA	.40	7.42	27.60	47.58	15.56	.63	.82	100.00

Table 7.5

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## AMHARA

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>a</sup> OF HOUSEHOLDS ('000)	140.90	573.01	618.61	757.14	452.71	18.29	**	2,561.43
PERCENTAGE OF HOUSEHOLDS	5.50	22.37	24.15	29.56	17.67	.71	.03	100.00
TOTAL CROP LAND AREA ('000 HA)	7.65	174.23	460.25	1,089.48	1,283.49	104.34	**	3,127.32
PERCENTAGE OF CROP LAND AREA	.24	5.57	14.72	34.84	41.04	3.34	.25	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.30	.74	1.44	2.84	5.70	10.38	1.22
PERMANENT								
N <sup>a</sup> OF HOUSEHOLDS ('000)	531.31	76.26	-	-	-	-	-	607.56
PERCENTAGE OF HOUSEHOLDS	87.45	12.55	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	13.24	14.25	-	-	-	-	-	27.49
PERCENTAGE OF CROP LAND AREA	48.16	51.84	-	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.02	.19	-	-	-	-	-	.05
TOTAL								
CROP LAND AREA ('000 HA)	20.89	188.48	460.25	1,089.48	1,283.49	104.34	7.89	3,154.81
PERCENTAGE OF CROP LAND AREA	.66	5.97	14.59	34.53	40.68	3.31	.25	100.00

Table 7.5.1 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH AND SOUTH GONDAR Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N <sup>a</sup> OF HOUSEHOLDS ('000)	35.63	79.06	161.20	248.39	170.39	**	-	699.76
PERCENTAGE OF HOUSEHOLDS	5.09	11.30	23.04	35.50	24.35	.73	-	100.00
TOTAL CROP LAND AREA ('000 HA)	1.89	23.47	120.19	360.23	477.92	**	-	1,012.34
PERCENTAGE OF CROP LAND AREA	.19	2.32	11.87	35.58	47.21	2.83	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.30	.75	1.45	2.80	5.62	-	1.45
PERMANENT								
N <sup>a</sup> OF HOUSEHOLDS ('000)	127.03	**	-	-	-	-	-	147.65
PERCENTAGE OF HOUSEHOLDS	86.03	13.97	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	2.91	**	-	-	-	-	-	7.72
PERCENTAGE OF CROP LAND AREA	37.69	62.31	-	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.02	.23	-	-	-	-	-	.05
TOTAL								
CROP LAND AREA ('000 HA)	4.80	28.28	120.19	360.23	477.92	28.64	-	1,020.06
PERCENTAGE OF CROP LAND AREA	.47	2.77	11.78	35.31	46.85	2.81	-	100.00



Table 7.5.2 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

EAST, WEST GOJAM AND AGEWAWI Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	58.12	135.01	132.04	227.09	190.85	9.73	**	753.59
PERCENTAGE OF HOUSEHOLDS	7.71	17.92	17.52	30.13	25.33	1.29	.10	100.00
TOTAL CROP LAND AREA ('000 HA)	3.45	38.60	99.22	336.07	561.32	55.18	**	1,101.73
PERCENTAGE OF CROP LAND AREA	.31	3.50	9.01	30.50	50.95	5.01	.72	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.29	.75	1.48	2.94	5.67	10.38	1.46
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	191.29	14.68	-	-	-	-	-	205.97
PERCENTAGE OF HOUSEHOLDS	92.87	7.13	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	4.15	2.86	-	-	-	-	-	7.01
PERCENTAGE OF CROP LAND AREA	59.20	40.80	-	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.02	.19	-	-	-	-	-	.03
TOTAL								
CROP LAND AREA ('000 HA)	7.60	41.46	99.22	336.07	561.32	55.18	7.89	1,108.74
PERCENTAGE OF CROP LAND AREA	.69	3.74	8.95	30.31	50.63	4.98	.71	100.00

Table 7.5.3 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH WOLO AND WAGHAMRA Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
<b>TEMPORARY</b>								
N <sup>a</sup> OF HOUSEHOLDS ('000)	14.83	111.26	98.32	79.83	16.85	**	-	321.55
PERCENTAGE OF HOUSEHOLDS	4.61	34.60	30.58	24.83	5.24	.14	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.68	33.98	72.46	106.88	42.08	**	-	258.55
PERCENTAGE OF CROP LAND AREA	.26	13.14	28.03	41.34	16.28	.95	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.31	.74	1.34	2.50	5.47	-	.80
<b>PERMANENT</b>								
N <sup>a</sup> OF HOUSEHOLDS ('000)	30.48	**	-	-	-	-	-	41.16
PERCENTAGE OF HOUSEHOLDS	74.05	25.95	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	**	**	-	-	-	-	-	**
PERCENTAGE OF CROP LAND AREA	29.83	70.17	-	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.02	.16	-	-	-	-	-	.06
<b>TOTAL</b>								
CROP LAND AREA ('000 HA)	1.39	35.65	72.46	106.88	42.08	2.46	-	260.93
PERCENTAGE OF CROP LAND AREA	.53	13.66	27.77	40.96	16.13	.94	-	100.00

Table 7.5.4

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

SOUTH WOLO, OROMIYA AND NORTH SHEWA Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	32.32	247.68	227.06	201.83	74.62	**	-	786.52
PERCENTAGE OF HOUSEHOLDS	4.11	31.49	28.87	25.66	9.49	.38	-	100.00
TOTAL CROP LAND AREA ('000 HA)	1.62	78.18	168.38	286.30	202.16	**	-	754.71
PERCENTAGE OF CROP LAND AREA	.21	10.36	22.31	37.94	26.79	2.39	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.32	.74	1.42	2.71	6.00	-	.96
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	182.50	30.28	-	-	-	-	-	212.78
PERCENTAGE OF HOUSEHOLDS	85.77	14.23	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	5.47	4.91	-	-	-	-	-	10.38
PERCENTAGE OF CROP LAND AREA	52.70	47.30	-	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.03	.16	-	-	-	-	-	.05
TOTAL								
CROP LAND AREA ('000 HA)	7.09	83.09	168.38	286.30	202.16	18.07	-	765.09
PERCENTAGE OF CROP LAND AREA	.93	10.86	22.01	37.42	26.42	2.36	-	100.00

Table 7.6 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

OROMIYA

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	173.35	770.58	860.03	911.82	469.61	25.41	**	3,211.27
PERCENTAGE OF HOUSEHOLDS	5.40	24.00	26.78	28.39	14.62	.79	.01	100.00
TOTAL CROP LAND AREA ('000 HA)	8.87	237.34	639.76	1,317.35	1,309.47	155.15	**	3,673.65
PERCENTAGE OF CROP LAND AREA	.24	6.46	17.41	35.86	35.64	4.22	.16	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.31	.74	1.44	2.79	6.11	12.13	1.14
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	867.62	612.54	81.09	27.21	**	-	-	1,589.05
PERCENTAGE OF HOUSEHOLDS	54.60	38.55	5.10	1.71	.04	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	34.55	134.89	56.87	38.43	**	-	-	266.08
PERCENTAGE OF CROP LAND AREA	12.98	50.70	21.37	14.44	150	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.22	.70	1.41	2.23	-	-	.17
TOTAL								
CROP LAND AREA ('000 HA)	43.42	372.23	696.63	1,355.78	1,310.81	155.15	5.70	3,939.73
PERCENTAGE OF CROP LAND AREA	1.10	9.45	17.68	34.41	33.27	3.94	.14	100.00

Table 7.6.1 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## EAST AND WEST WELEGA Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
Nº OF HOUSEHOLDS ('000)	10.81	99.28	139.27	158.94	81.95	**	**	494.51
PERCENTAGE OF HOUSEHOLDS	2.19	20.08	28.16	32.14	16.57	.76	.10	100.00
TOTAL CROP LAND AREA ('000 HA)	.49	30.93	104.96	226.48	229.75	**	**	619.93
PERCENTAGE OF CROP LAND AREA	.08	4.99	16.93	36.53	37.06	3.49	.92	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.31	.75	1.42	2.80	5.72	12.13	1.25
PERMANENT								
Nº OF HOUSEHOLDS ('000)	156.66	110.64	16.91	2.08	-	-	-	286.29
PERCENTAGE OF HOUSEHOLDS	54.72	38.65	5.91	.73	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	4.91	25.51	11.70	2.57	-	-	-	44.69
PERCENTAGE OF CROP LAND AREA	10.99	57.08	26.18	5.75	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.03	.23	.69	1.24	-	-	-	.16
TOTAL								
CROP LAND AREA ('000 HA)	5.40	56.44	116.66	229.05	229.75	21.62	5.70	664.62
PERCENTAGE OF CROP LAND AREA	.81	8.49	17.55	34.46	34.57	3.25	.86	100.00

Table 7.6.2 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

ILUBABOR AND JIMA Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N <sup>a</sup> OF HOUSEHOLDS ('000)	22.41	135.50	187.35	140.13	40.32	**	-	526.67
PERCENTAGE OF HOUSEHOLDS	4.26	25.73	35.57	26.61	7.66	.18	-	100.00
TOTAL CROP LAND AREA ('000 HA)	1.30	44.90	140.91	195.19	109.39	**	-	497.65
PERCENTAGE OF CROP LAND AREA	.26	9.02	28.32	39.22	21.98	1.20	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.33	.75	1.39	2.71	6.21	-	.94
PERMANENT								
N <sup>a</sup> OF HOUSEHOLDS ('000)	260.01	146.80	16.47	**	**	-	-	431.39
PERCENTAGE OF HOUSEHOLDS	60.27	34.03	3.82	1.74	.14	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	9.92	32.74	11.36	**	**	-	-	66.01
PERCENTAGE OF CROP LAND AREA	15.03	49.60	17.21	16.12	2.03	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.22	.69	1.41	2.23	-	-	.15
TOTAL								
CROP LAND AREA ('000 HA)	11.22	77.64	152.27	205.83	110.73	5.96	-	563.66
PERCENTAGE OF CROP LAND AREA	1.99	13.77	27.01	36.52	19.64	1.06	-	100.00

Table 7.6.3

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## NORTH AND WEST SHEWA Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	18.03	80.84	137.83	253.97	137.17	4.58	-	632.41
PERCENTAGE OF HOUSEHOLDS	2.85	12.78	21.79	40.16	21.69	.72	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.73	26.19	106.02	376.77	374.60	25.70	-	910.01
PERCENTAGE OF CROP LAND AREA	.08	2.88	11.65	41.40	41.16	2.82	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.32	.77	1.48	2.73	5.61	-	1.44
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	128.08	34.45	**	-	-	-	-	163.72
PERCENTAGE OF HOUSEHOLDS	78.23	21.04	.73	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	3.37	7.31	**	-	-	-	-	11.39
PERCENTAGE OF CROP LAND AREA	29.59	64.18	6.15	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.03	.21	.58	-	-	-	-	.07
TOTAL								
CROP LAND AREA ('000 HA)	4.10	33.50	106.72	376.77	374.60	25.70	-	921.40
PERCENTAGE OF CROP LAND AREA	.44	3.64	11.58	40.89	40.66	2.79	-	100.00

Table 7.6.4 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

EAST SHEWA, ARSI, BALE AND BORENA Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N <sup>a</sup> OF HOUSEHOLDS ('000)	84.92	161.10	203.61	288.57	196.92	16.10	-	951.22
PERCENTAGE OF HOUSEHOLDS	8.93	16.94	21.41	30.34	20.70	1.69	-	100.00
TOTAL CROP LAND AREA ('000 HA)	4.19	48.52	152.85	423.23	561.84	101.87	-	1,292.48
PERCENTAGE OF CROP LAND AREA	.32	3.75	11.83	32.75	43.47	7.88	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.30	.75	1.47	2.85	6.33	-	1.36
PERMANENT								
N <sup>a</sup> OF HOUSEHOLDS ('000)	83.22	129.30	39.97	**	-	-	-	268.89
PERCENTAGE OF HOUSEHOLDS	30.95	48.09	14.86	6.10	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	3.58	33.58	29.17	**	-	-	-	89.77
PERCENTAGE OF CROP LAND AREA	3.99	37.41	32.49	26.11	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.26	.73	1.43	-	-	-	.33
TOTAL								
CROP LAND AREA ('000 HA)	7.77	82.10	182.02	446.67	561.84	101.87	-	1,382.25
PERCENTAGE OF CROP LAND AREA	56	5.94	13.17	32.31	40.65	7.37	-	100.00



**Table 7.6.5 - NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)**

**EAST AND WEST HARERGE Zone**

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
<b>TEMPORARY</b>								
N# OF HOUSEHOLDS ('000)	37.18	293.85	191.97	70.21	**	-	-	606.46
PERCENTAGE OF HOUSEHOLDS	6.13	48.45	31.65	11.58	2.18	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	2.18	86.80	135.03	95.68	**	-	-	353.58
PERCENTAGE OF CROP LAND AREA	.62	24.55	38.19	27.06	9.58	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.30	.70	1.36	2.56	-	-	.58
<b>PERMANENT</b>								
N# OF HOUSEHOLDS ('000)	239.66	191.35	6.55	**	-	-	-	438.76
PERCENTAGE OF HOUSEHOLDS	54.62	43.61	1.49	.27	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	12.76	35.75	3.94	**	-	-	-	54.23
PERCENTAGE OF CROP LAND AREA	23.53	65.92	7.27	3.26	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.19	.60	1.48	-	-	-	.12
<b>TOTAL</b>								
CROP LAND AREA ('000 HA)	14.94	122.55	138.97	97.45	33.89	-	-	407.81
PERCENTAGE OF CROP LAND AREA	3.66	30.05	34.08	23.90	8.31	-	-	100.00

Table 7.7 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

SOMALIE

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N° OF HOUSEHOLDS ('000)	8.06	31.40	23.85	10.81	3.85	-	-	77.97
PERCENTAGE OF HOUSEHOLDS	10.34	40.27	30.59	13.86	4.94	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.42	9.80	17.01	13.95	10.13	-	-	51.32
PERCENTAGE OF CROP LAND AREA	.82	19.10	33.14	27.18	19.74	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.31	.71	1.29	2.63	-	-	.66
PERMANENT								
N° OF HOUSEHOLDS ('000)	10.12	16.35	1.83	-	-	-	-	28.29
PERCENTAGE OF HOUSEHOLDS	35.77	57.79	6.47	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.61	3.58	1.07	-	-	-	-	5.26
PERCENTAGE OF CROP LAND AREA	11.60	68.06	20.34	-	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.22	.58	-	-	-	-	.19
TOTAL								
CROP LAND AREA ('000 HA)	1.03	13.38	18.08	13.95	10.13	-	-	56.58
PERCENTAGE OF CROP LAND AREA	1.82	23.65	31.95	24.66	17.90	-	-	100.00

Table 7.8

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## BENSHANGUL GUMEZ

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>a</sup> OF HOUSEHOLDS ('000)	1.57	11.57	21.11	32.06	13.41	.93	**	80.91
PERCENTAGE OF HOUSEHOLDS	1.94	14.30	26.09	39.62	16.57	1.15	.33	100.00
TOTAL CROP LAND AREA ('000 HA)	.12	3.25	16.34	44.99	38.24	5.30	**	112.04
PERCENTAGE OF CROP LAND AREA	.11	2.90	14.58	40.16	34.13	4.73	3.41	100.00
AVG. CROP LAND AREA PER HH(HA)	.08	.28	.77	1.40	2.85	5.70	14.15	1.38
PERMANENT								
N <sup>a</sup> OF HOUSEHOLDS ('000)	25.07	4.15	**	**	-	-	-	30.04
PERCENTAGE OF HOUSEHOLDS	83.46	13.81	2.33	.40	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.68	.79	**	**	-	-	-	2.12
PERCENTAGE OF CROP LAND AREA	32.08	37.26	25.00	5.66	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.03	.19	.76	1.00	-	-	-	.07
TOTAL								
CROP LAND AREA ('000 HA)	.80	4.04	16.87	45.11	38.24	5.30	3.82	114.16
PERCENTAGE OF CROP LAND AREA	.70	3.54	14.78	39.51	33.50	4.64	3.35	100.00

Table 7.9 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

(S.N.N.P.R)

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N° OF HOUSEHOLDS ('000)	472.43	822.69	325.96	150.24	17.12	**	-	1,789.15
PERCENTAGE OF HOUSEHOLDS	26.41	45.98	18.22	8.40	.96	.04	-	100.00
TOTAL CROP LAND AREA ('000 HA)	20.77	227.79	229.46	202.20	43.92	**	-	728.48
PERCENTAGE OF CROP LAND AREA	2.85	31.27	31.50	27.76	6.03	.59	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.28	.70	1.35	2.57	6.10	-	.41
PERMANENT								
N° OF HOUSEHOLDS ('000)	840.04	880.24	54.77	**	**	-	**	1,783.13
PERCENTAGE OF HOUSEHOLDS	47.11	49.36	3.07	.38	.04	-	.04	100.00
TOTAL CROP LAND AREA ('000 HA)	43.32	183.87	35.95	10.44	**	-	**	286.63
PERCENTAGE OF CROP LAND AREA	15.11	64.15	12.54	3.64	.56	-	3.99	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.21	.66	1.56	2.29	-	16.59	.16
TOTAL								
CROP LAND AREA ('000 HA)	64.09	411.66	265.41	212.64	45.52	4.33	11.45	1,015.11
PERCENTAGE OF CROP LAND AREA	6.31	40.55	26.15	20.95	4.48	.43	1.13	100.00

Table 7.9.1

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

YEM, KEFICHO, MAJI, SHEKICHO AND BENCHI Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N° OF HOUSEHOLDS ('000)	45.24	115.06	48.95	18.63	1.06	-	-	228.94
PERCENTAGE OF HOUSEHOLDS	19.76	50.26	21.38	8.14	.46	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	2.25	30.58	33.82	25.54	2.28	-	-	94.47
PERCENTAGE OF CROP LAND AREA	2.38	32.37	35.80	27.04	2.41	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.27	.69	1.37	2.15	-	-	.41
PERMANENT								
N° OF HOUSEHOLDS ('000)	119.00	95.07	6.01	**	-	-	-	222.16
PERCENTAGE OF HOUSEHOLDS	53.56	42.79	2.71	.94	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	5.93	18.94	4.07	**	-	-	-	31.66
PERCENTAGE OF CROP LAND AREA	18.73	59.82	12.86	8.56	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.20	.68	1.30	-	-	-	.14
TOTAL								
CROP LAND AREA ('000 HA)	8.18	49.52	37.89	28.25	2.28	-	-	126.13
PERCENTAGE OF CROP LAND AREA	6.49	39.26	30.04	22.40	1.81	-	-	100.00

Table 7.9.2 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

NORTH AND SOUTH OMO, GARDULA AND KONSO Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	103.61	324.36	114.13	48.40	8.28	-	-	598.77
PERCENTAGE OF HOUSEHOLDS	17.30	54.17	19.06	8.08	1.38	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	5.83	88.43	80.68	63.10	21.97	-	-	260.01
PERCENTAGE OF CROP LAND AREA	2.24	34.01	31.03	24.27	8.45	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.27	.71	1.30	2.65	-	-	.43
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	303.07	196.92	**	**	-	-	-	508.45
PERCENTAGE OF HOUSEHOLDS	59.61	38.73	1.53	.13	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	15.19	37.35	**	**	-	-	-	59.01
PERCENTAGE OF CROP LAND AREA	25.74	63.29	9.03	1.93	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.19	.69	1.68	-	-	-	.12
TOTAL								
CROP LAND AREA ('000 HA)	21.02	125.78	86.01	64.24	21.97	-	-	319.02
PERCENTAGE OF CROP LAND AREA	6.59	39.43	26.96	20.14	6.89	-	-	100.00

Table 7.9.3 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

HADIYA, KEMBATA AND GURAGE Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
<b>TEMPORARY</b>								
N° OF HOUSEHOLDS ('000)	96.94	196.29	138.86	79.16	7.78	**	-	519.73
PERCENTAGE OF HOUSEHOLDS	18.65	37.77	26.72	15.23	1.50	.14	-	100.00
TOTAL CROP LAND AREA ('000 HA)	4.22	58.61	98.43	108.03	19.67	**	-	293.28
PERCENTAGE OF CROP LAND AREA	1.44	19.98	33.56	36.84	6.71	1.48	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.30	.71	1.36	2.53	6.10	-	.56
<b>PERMANENT</b>								
N° OF HOUSEHOLDS ('000)	223.18	243.58	**	-	-	-	**	469.46
PERCENTAGE OF HOUSEHOLDS	47.54	51.89	.43	-	-	-	.15	100.00
TOTAL CROP LAND AREA ('000 HA)	11.35	48.19	**	-	-	-	**	72.09
PERCENTAGE OF CROP LAND AREA	15.74	66.85	1.54	-	-	-	15.88	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.20	.55	-	-	-	16.59	.15
<b>TOTAL</b>								
CROP LAND AREA ('000 HA)	15.57	106.80	99.54	108.03	19.67	4.33	11.45	365.37
PERCENTAGE OF CROP LAND AREA	4.26	29.23	27.24	29.57	5.38	1.19	3.13	100.00

Table 7.9.4 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

SIDAMA, GEDIO, BURJI AND AMARO Zone

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	226.65	186.98	24.03	4.06	-	-	-	441.71
PERCENTAGE OF HOUSEHOLDS	51.31	42.33	5.44	.92	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	8.47	50.17	16.53	5.54	-	-	-	80.70
PERCENTAGE OF CROP LAND AREA	10.50	62.17	20.48	6.86	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.27	.69	1.36	-	-	-	.18
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	194.79	344.68	38.97	3.94	**	-	-	583.07
PERCENTAGE OF HOUSEHOLDS	33.41	59.11	6.68	.68	.12	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	10.84	79.39	25.44	6.59	**	-	-	123.87
PERCENTAGE OF CROP LAND AREA	8.75	64.09	20.54	5.32	1.29	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.23	.65	1.67	2.29	-	-	.21
TOTAL								
CROP LAND AREA ('000 HA)	19.31	129.56	41.97	12.13	1.60	-	-	204.57
PERCENTAGE OF CROP LAND AREA	9.44	63.33	20.52	5.93	.78	-	-	100.00



Table 7.10

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

## GAMBELA

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
TEMPORARY								
N <sup>o</sup> OF HOUSEHOLDS ('000)	.97	4.20	2.70	1.06	**	**	-	9.29
PERCENTAGE OF HOUSEHOLDS	10.44	45.21	29.06	11.41	3.55	.43	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.04	1.16	1.95	1.44	**	**	-	5.70
PERCENTAGE OF CROP LAND AREA	.70	20.35	34.21	25.26	15.44	3.86	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.28	.72	1.36	2.67	5.50	-	.61
PERMANENT								
N <sup>o</sup> OF HOUSEHOLDS ('000)	2.53	1.80	.31	**	**	-	-	4.70
PERCENTAGE OF HOUSEHOLDS	53.83	38.30	6.60	1.06	.43	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.10	.43	.22	**	**	-	-	.87
PERCENTAGE OF CROP LAND AREA	11.49	49.43	25.29	6.90	5.75	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.04	.24	.71	1.20	2.50	-	-	.19
TOTAL								
CROP LAND AREA ('000 HA)	.14	1.59	2.17	1.50	.93	.22	-	6.57
PERCENTAGE OF CROP LAND AREA	2.13	24.20	33.03	22.83	14.16	3.35	-	100.00

Table 7.11 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

HARARI

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
TEMPORARY								
N° OF HOUSEHOLDS ('000)	1.19	6.08	3.23	1.09	.16	-	-	11.74
PERCENTAGE OF HOUSEHOLDS	10.14	51.79	27.51	9.28	1.36	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.07	1.80	2.34	1.43	.46	-	-	6.10
PERCENTAGE OF CROP LAND AREA	1.15	29.51	38.36	23.44	7.54	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.30	.72	1.31	2.88	-	-	.52
PERMANENT								
N° OF HOUSEHOLDS ('000)	4.80	5.28	.48	**	-	-	-	10.58
PERCENTAGE OF HOUSEHOLDS	45.37	49.91	4.54	.19	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.26	1.17	.30	**	-	-	-	1.76
PERCENTAGE OF CROP LAND AREA	14.77	66.48	17.05	1.70	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.22	.63	1.50	-	-	-	.17
TOTAL								
CROP LAND AREA ('000 HA)	.33	2.97	2.64	1.46	.46	-	-	7.86
PERCENTAGE OF CROP LAND AREA	4.20	37.79	33.59	18.58	5.85	-	-	100.00

Table 7.12 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

ADDIS ABABA

ITEMS	SIZE OF HOLDING('000 HECTARES)							TOTAL
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	
<b>TEMPORARY</b>								
Nº OF HOUSEHOLDS ('000)	.16	.53	.62	1.29	1.55	.35	**	4.51
PERCENTAGE OF HOUSEHOLDS	3.55	11.75	13.75	28.60	34.37	7.76	.22	100.00
TOTAL CROP LAND AREA ('000 HA)	.01	.16	.46	1.88	4.85	2.29	**	9.75
PERCENTAGE OF CROP LAND AREA	.10	1.64	4.72	19.28	49.74	23.49	1.03	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.30	.74	1.46	3.13	6.54	10.00	2.16
<b>PERMANENT</b>								
Nº OF HOUSEHOLDS ('000)	.17	-	-	-	-	-	-	.17
PERCENTAGE OF HOUSEHOLDS	100.00	-	-	-	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	-	-	-	-	-	-	-	-
PERCENTAGE OF CROP LAND AREA	-	-	-	-	-	-	-	-
AVG. CROP LAND AREA PER HH(HA)	-	-	-	-	-	-	-	-
<b>TOTAL</b>								
CROP LAND AREA ('000 HA)	.01	.16	.46	1.88	4.85	2.29	.10	9.75
PERCENTAGE OF CROP LAND AREA	.10	1.64	4.72	19.28	49.74	23.49	1.03	100.00

Table 7.13 NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA AND AVERAGE AREA PER HOUSEHOLD  
BY CROP TYPE AND SIZE OF HOLDING  
In 1996/97 (1989 E.C.)

DIRE DAWA

ITEMS	SIZE OF HOLDING('000 HECTARES)							
	UNDER 0.10	0.10 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01-10.00	10.01 AND OVER	TOTAL
<b>TEMPORARY</b>								
N° OF HOUSEHOLDS ('000)	.79	6.78	3.17	.96	.10	-	-	11.80
PERCENTAGE OF HOUSEHOLDS	6.69	57.46	26.86	8.14	.85	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.05	2.05	2.22	1.20	**	-	-	5.75
PERCENTAGE OF CROP LAND AREA	.87	35.65	38.61	20.87	4.17	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.06	.30	.70	1.25	2.40	-	-	.49
<b>PERMANENT</b>								
N° OF HOUSEHOLDS ('000)	2.76	1.83	**	**	-	-	-	4.69
PERCENTAGE OF HOUSEHOLDS	58.85	39.02	1.71	.43	-	-	-	100.00
TOTAL CROP LAND AREA ('000 HA)	.14	.35	**	**	-	-	-	.56
PERCENTAGE OF CROP LAND AREA	25.00	62.50	8.93	3.57	-	-	-	100.00
AVG. CROP LAND AREA PER HH(HA)	.05	.19	.63	1.00	-	-	-	.12
<b>TOTAL</b>								
CROP LAND AREA ('000 HA)	.19	2.40	2.27	1.22	.24	-	-	6.31
PERCENTAGE OF CROP LAND AREA	3.01	38.03	35.97	19.33	3.80	-	-	100.00

# **APPENDIX I**

## **ESTIMATION PROCEDURE OF TOTAL & SAMPLING ERROR**



## APPENDIX I

### ESTIMATION PROCEDURES OF TOTAL, RATIO AND SAMPLING ERRORS.

The following formulas are used to estimate total area of land under specific land use in a given stratum.

$$\hat{A}_h = \sum_{i=1}^{n_h} w_{hi} a_{hi}$$

in which

$$w_{hi} = \frac{N_h M_{hi}}{n_h N_{hi} m_{hi}}$$

is the weight

where

$h$  represents the stratum.

$n_h$  is the total number of EAs selected in  $h^{\text{th}}$  stratum.

$N_h$  is the measure of size of the  $h^{\text{th}}$  stratum obtained from the sampling frame.

$N_{hi}$  is the measure of size of the  $i^{\text{th}}$  sample EA in the  $h^{\text{th}}$  stratum obtained from the sampling frame.

$M_{hi}$  is the total number of agricultural households of the  $i^{\text{th}}$  sample EA in the  $h^{\text{th}}$  stratum obtained from households listing of the survey.

$m_{hi}$  is number of sample agricultural households of the  $i^{\text{th}}$  sample EA in the  $h^{\text{th}}$  stratum.

$a_{hi}$  is the sample total of area values in the  $i^{\text{th}}$  EA in the  $h^{\text{th}}$  stratum for the specific crop.

$\hat{A}_h$  is estimate of total area under specific crop in the  $h^{\text{th}}$  stratum.

Moreover, sampling variance of estimate of stratum total of area for a specific crop is estimated by the following formula.

$$\text{var}(\hat{A}_h) = \frac{n_h}{n_h - 1} \left[ \sum_{i=1}^{n_h} \hat{A}_{hi}^2 - \frac{\hat{A}_h^2}{n_h} \right]$$

In estimating the sampling variance by the above formula, selection of EAs within a stratum are assumed to be with replacement. By so doing the variance estimate may be slightly over estimated but it greatly simplifies the estimation procedure.

Households, holders and members are estimated in the same manner mentioned above. Regional or National estimates of the total characteristic and sampling variance are obtained by aggregating the respective stratum totals.

Some of the survey estimates take the form of a ratio of two variables ( For example, National/Regional average crop land holding per household). This ratio estimate is given by

:-

$$\hat{R} = \frac{\sum_{h=1}^n \hat{A}_h}{\sum_{h=1}^n \hat{H}_h} = \frac{\hat{A}}{\hat{H}}$$



where  $\hat{H}_h$  is estimate of households in the stratum h

The sampling variance of the ratio estimate is approximated by :-

$$Var(\hat{R}) = \frac{1}{\hat{H}^2} [ Var(\hat{A}) + \hat{R}^2 Var(\hat{H}) - 2\hat{R}Cov(\hat{A}, \hat{H}) ]$$

Coefficient of Variation for a total of characteristic A in stratum h in percent is estimated by :

$$CV(\hat{A}_h) = \frac{\sqrt{VAR(\hat{A}_h)}}{\hat{A}_h} \times 100$$

1. The first part of the document is a letter from the

author to the editor of the journal, dated 1954.

2. The second part is a letter from the

editor to the author, dated 1954, in which the

author is informed that the

# **APPENDIX II**

## **STANDARD ERROR AND COEFFICIENT OF VARIATION FOR ESTIMATES**

# THE HISTORY OF

THE CITY OF BOSTON  
FROM THE FIRST SETTLEMENT  
TO THE PRESENT TIME

**TABLE 1.1** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**NATIONAL**

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	514.01	30.66	5.96	30.10	1.93	6.40
0.10 - 0.50	2637.80	76.38	2.90	787.82	22.89	2.90
0.51 - 1.00	2260.99	61.11	2.70	1664.47	45.11	2.71
1.01 - 2.00	2159.15	62.22	2.88	3073.89	91.54	2.98
2.01 - 5.00	1059.21	58.32	5.51	2950.66	174.50	5.91
5.01 - 10.00	48.75	8.77	17.98	288.82	53.04	18.36
10.01 & over	**	**	**	**	**	**
Total	8682.13	84.52	0.97	8825.06	204.81	2.32

**TABLE 1.2** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**TIGRAY**

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	14.17	4.60	32.46	0.86	0.23	26.93
0.10 - 0.50	208.06	26.37	12.67	65.43	7.72	11.80
0.51 - 1.00	179.03	14.23	7.95	130.51	10.52	8.06
1.01 - 2.00	145.28	20.86	14.36	202.02	30.93	15.31
2.01 - 5.00	32.73	9.07	27.72	85.03	23.42	27.54
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	579.26	16.65	2.87	483.85	43.24	8.94

**TABLE 1.3** DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**AFAR**

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.76	0.27	35.66	0.06	0.02	41.62
0.10 - 0.50	6.41	1.92	29.89	2.09	0.64	30.83
0.51 - 1.00	10.89	4.68	43.03	8.16	3.54	43.45
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	30.62	12.51	40.86	30.32	14.21	46.84

TABLE 1.4

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## AMHARA

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	144.44	12.48	8.64	7.78	0.75	9.59
0.10 - 0.50	563.89	41.71	7.40	173.33	13.09	7.55
0.51 - 1.00	622.48	33.15	5.33	465.60	24.18	5.19
1.01 - 2.00	763.34	37.12	4.86	1098.80	55.27	5.03
2.01 - 5.00	456.11	40.99	8.99	1292.29	125.23	9.69
5.01 - 10.00	19.19	5.61	29.23	109.12	31.80	29.14
10.01 & over	**	**	**	**	**	**
Total	2570.21	41.72	1.62	3154.81	139.00	4.41

TABLE 1.5

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## OROMIYA

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	98.25	12.01	12.23	5.92	0.74	12.57
0.10 - 0.50	731.44	44.02	6.02	233.98	13.27	5.67
0.51 - 1.00	881.27	35.72	4.05	657.62	27.41	4.17
1.01 - 2.00	993.50	39.34	3.96	1426.64	58.20	4.08
2.01 - 5.00	521.14	39.90	7.66	1442.69	117.86	8.17
5.01 - 10.00	27.50	6.69	24.33	167.17	42.17	25.23
10.01 & over	**	**	**	**	**	**
Total	3253.56	57.03	1.75	3939.73	134.80	3.42

TABLE 1.6

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## SOMALI

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	**	**	**	0.29	0.13	45.92
0.10 - 0.50	31.32	4.02	12.84	9.66	1.13	11.66
0.51 - 1.00	25.15	3.27	13.01	18.43	2.48	13.46
1.01 - 2.00	13.04	2.32	17.80	17.17	3.08	17.96
2.01 - 5.00	4.03	1.49	36.93	11.03	4.22	38.22
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	78.94	5.77	7.31	56.58	7.73	13.66

TABLE 1.7

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## BENSHANGUL-GUMEZ

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	1.46	0.42	28.95	0.11	0.03	30.24
0.10 - 0.50	11.84	2.92	24.68	3.35	0.79	23.53
0.51 - 1.00	20.45	3.00	14.68	15.87	2.34	14.75
1.01 - 2.00	32.36	3.79	11.70	45.51	5.26	11.56
2.01 - 5.00	13.88	2.67	19.25	40.07	8.22	20.52
5.01 - 10.00	0.93	0.35	37.10	5.43	2.03	37.37
10.01 & over	**	**	**	**	**	**
Total	81.19	3.35	4.12	114.16	9.44	8.27

TABLE 1.8

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## S.N.N.P.R.

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	247.49	24.70	9.98	14.98	1.59	10.61
0.10 - 0.50	1068.94	37.84	3.54	295.21	10.69	3.62
0.51 - 1.00	510.62	33.41	6.54	360.25	23.75	6.59
1.01 - 2.00	194.89	21.48	11.02	260.94	29.72	11.39
2.01 - 5.00	27.30	5.98	21.91	67.89	15.34	22.60
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	2050.63	40.88	1.99	1015.10	47.24	4.65

TABLE 1.9

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## GAMBELA

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.92	0.20	21.97	0.04	0.01	19.42
0.10 - 0.50	3.81	0.36	9.40	1.07	0.11	10.30
0.51 - 1.00	2.88	0.48	16.65	2.13	0.36	16.73
1.01 - 2.00	1.53	0.31	20.36	2.05	0.42	20.70
2.01 - 5.00	0.38	0.17	43.87	1.06	0.47	44.71
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	9.56	0.80	8.37	6.57	1.02	15.48

TABLE 1.10

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## HARARI

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.38	0.11	28.67	0.02	0.01	27.13
0.10 - 0.50	5.13	0.47	9.18	1.54	0.12	7.89
0.51 - 1.00	4.03	0.34	8.53	2.94	0.24	8.30
1.01 - 2.00	1.96	0.26	13.27	2.64	0.37	14.13
2.01 - 5.00	0.24	0.08	32.61	0.64	0.22	34.07
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	11.76	0.35	3.01	7.86	0.51	6.44

TABLE 1.11

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## ADDIS ABABA

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.18	0.04	20.83	0.01	0.00	25.37
0.10 - 0.50	0.53	0.07	14.07	0.16	0.03	15.25
0.51 - 1.00	0.62	0.08	13.77	0.46	0.07	14.11
1.01 - 2.00	1.28	0.11	8.48	1.88	0.15	8.14
2.01 - 5.00	1.55	0.17	10.81	4.85	0.53	10.96
5.01 - 10.00	0.35	0.08	23.04	2.29	0.54	23.66
10.01 & over	**	**	**	**	**	**
Total	4.53	0.26	5.66	9.76	0.92	9.48

TABLE 1.12

DISTRIBUTION OF TOTAL NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)

## DIRE DAWA

SIZE OF HOLDING (HECTARES)	ITEM					
	NUMBER OF HOUSEHOLDS			TOTAL CROP AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.57	0.18	31.29	0.03	0.01	29.71
0.10 - 0.50	6.44	0.54	8.34	2.00	0.18	8.77
0.51 - 1.00	3.57	0.41	11.58	2.51	0.29	11.71
1.01 - 2.00	1.15	0.20	17.20	1.46	0.25	17.25
2.01 - 5.00	0.13	0.05	39.64	0.31	0.12	40.65
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	11.87	0.78	6.61	6.31	0.53	8.44



**TABLE 2.1** DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA, THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**NATIONAL**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> HA)	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	774.96	37.64	4.86	31.49	1.99	6.32
0.10 - 0.50	2732.14	78.95	2.89	813.61	23.36	2.87
0.51 - 1.00	2315.69	61.31	2.65	1704.34	45.30	2.66
1.01 - 2.00	2177.22	62.76	2.88	3095.89	92.30	2.98
2.01 - 5.00	1039.07	57.90	5.57	2886.73	172.21	5.97
5.01 - 10.00	44.63	8.54	19.14	263.80	51.19	19.40
10.01 & over	**	**	**	**	**	**
Total	9085.91	91.90	1.01	8825.06	204.81	2.32

**TABLE 2.2** DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA, THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**TIGRAY**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> HA)	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	42.45	8.41	19.81	0.90	0.24	27.26
0.10 - 0.50	215.55	34.45	15.98	66.65	10.14	15.22
0.51 - 1.00	180.02	23.03	12.79	130.92	16.82	12.84
1.01 - 2.00	145.90	25.14	17.23	203.22	36.56	17.99
2.01 - 5.00	31.86	9.60	30.13	82.17	24.80	30.19
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	615.78	54.98	8.93	483.85	63.98	13.22

**TABLE 2.3** DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA, THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**AFAR**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> HA)	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	6.63	2.90	43.71	0.06	0.03	44.20
0.10 - 0.50	6.41	2.16	33.76	2.09	0.72	34.56
0.51 - 1.00	11.38	5.17	45.42	8.60	3.94	45.84
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	36.74	13.23	36.02	30.32	14.86	49.01

TABLE 2.4

DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**AMHARA**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000 HA)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	224.95	15.25	6.78	8.27	0.83	10.08
0.10 - 0.50	588.26	44.53	7.57	180.10	13.55	7.52
0.51 - 1.00	639.38	33.13	5.18	478.52	24.19	5.06
1.01 - 2.00	760.42	37.84	4.98	1091.42	56.07	5.14
2.01 - 5.00	452.94	40.86	9.02	1279.63	124.30	9.71
5.01 - 10.00	19.19	5.61	29.23	108.98	31.79	29.17
10.01 & over	**	**	**	**	**	**
Total	2685.90	46.75	1.74	3154.81	139.00	4.41

TABLE 2.5

DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**OROMIA**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000 HA)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	212.96	22.21	10.43	6.43	0.80	12.45
0.10 - 0.50	784.64	44.87	5.72	249.13	13.49	5.42
0.51 - 1.00	910.93	35.79	3.93	678.98	27.54	4.06
1.01 - 2.00	1014.02	39.79	3.92	1455.24	58.95	4.05
2.01 - 5.00	507.99	39.41	7.76	1401.75	115.42	8.23
5.01 - 10.00	23.40	6.40	27.33	142.50	39.84	27.95
10.01 & over	**	**	**	**	**	**
Total	3454.43	62.45	1.81	3939.73	134.80	3.42

TABLE 2.6

DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**SOMALI**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000 HA)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	11.49	3.29	28.63	0.29	0.14	47.23
0.10 - 0.50	31.32	5.58	17.83	9.66	1.64	17.01
0.51 - 1.00	25.15	4.51	17.95	18.43	3.37	18.28
1.01 - 2.00	13.04	2.82	21.62	17.17	3.74	21.75
2.01 - 5.00	4.03	1.56	38.70	11.03	4.40	39.91
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	85.04	10.13	11.91	56.58	10.43	18.42

**TABLE 2.7** DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA, THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**BENSHANGUL-GUMEZ**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> HA)	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	2.33	0.78	33.68	0.11	0.03	30.69
0.10 - 0.50	12.66	3.03	23.94	3.65	0.83	22.70
0.51 - 1.00	22.58	3.43	15.18	17.65	2.70	15.33
1.01 - 2.00	34.15	4.56	13.37	47.50	6.29	13.25
2.01 - 5.00	12.41	2.81	22.65	36.00	8.53	23.70
5.01 - 10.00	0.93	0.35	37.45	5.43	2.05	37.72
10.01 & over	**	**	**	**	**	**
Total	85.33	5.54	6.49	114.16	11.32	9.92

**TABLE 2.8** DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA, THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**S.N.N.P.R.**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> HA)	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	268.93	24.89	9.26	15.31	1.60	10.43
0.10 - 0.50	1077.14	38.18	3.55	297.49	10.80	3.63
0.51 - 1.00	515.07	33.37	6.48	363.18	23.71	6.53
1.01 - 2.00	193.15	20.98	10.86	258.93	29.13	11.25
2.01 - 5.00	25.77	5.97	23.16	64.34	15.32	23.81
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	2081.44	42.28	2.03	1015.10	47.24	4.65

**TABLE 2.9** DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA, THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**GAMBELA**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	ESTIMATE ( <sup>000</sup> HA)	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	1.62	0.32	19.76	0.05	0.01	21.11
0.10 - 0.50	3.93	0.50	12.68	1.10	0.15	13.36
0.51 - 1.00	2.84	0.55	19.34	2.09	0.41	19.37
1.01 - 2.00	1.55	0.34	22.06	2.08	0.46	22.22
2.01 - 5.00	0.36	0.17	46.99	1.02	0.48	47.32
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	10.33	1.13	10.90	6.57	1.18	17.97

TABLE 2.10

DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**HARARI**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000 HA)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	0.63	0.12	18.56	0.02	0.01	28.64
0.10 - 0.50	5.15	0.68	13.20	1.54	0.19	12.35
0.51 - 1.00	4.07	0.52	12.80	2.96	0.37	12.61
1.01 - 2.00	1.94	0.32	16.31	2.61	0.44	17.03
2.01 - 5.00	0.24	0.08	33.82	0.64	0.23	35.22
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	12.05	1.12	9.32	7.86	0.91	11.55

TABLE 2.11

DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**ADDIS ABABA**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000 HA)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	0.72	0.11	15.76	0.01	0.00	26.48
0.10 - 0.50	0.65	0.10	16.09	0.20	0.03	17.00
0.51 - 1.00	0.68	0.11	16.39	0.51	0.08	16.64
1.01 - 2.00	1.32	0.17	12.55	1.92	0.24	12.42
2.01 - 5.00	1.61	0.23	14.63	5.04	0.75	14.79
5.01 - 10.00	0.32	0.08	24.84	2.08	0.53	25.34
10.01 & over	-	-	-	-	-	-
Total	5.29	0.48	9.05	9.76	1.33	13.61

TABLE 2.12

DISTRIBUTION OF TOTAL NUMBER OF HOLDERS, TOTAL CROP LAND AREA,  
THEIR STANDARD ERROR & COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**DIRE DAWA**

SIZE OF HOLDING (HECTARES)	ITEMS					
	NUMBER OF HOLDERS			TOTAL CROPLAND AREA		
	ESTIMATE ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)	ESTIMATE ( <sup>0</sup> 000 HA)	S.E. ( <sup>0</sup> 000)	C.V. (%)
under 0.10	2.26	0.46	20.29	0.03	0.01	31.70
0.10 - 0.50	6.46	0.93	14.33	2.00	0.29	14.56
0.51 - 1.00	3.57	0.58	16.38	2.51	0.41	16.47
1.01 - 2.00	1.15	0.24	20.68	1.46	0.30	20.72
2.01 - 5.00	0.13	0.06	41.03	0.31	0.13	41.99
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	13.58	1.36	9.98	6.31	0.91	14.37

**TABLE 3.1 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING**  
(1996/97(1989 E.C.)  
NATIONAL

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> ('000))	S.E. ( <sup>000</sup> ('000))	C.V. (%)	Estimates ( <sup>000</sup> ('000))	S.E. ( <sup>000</sup> ('000))	C.V. (%)
under 0.10	514.01	30.66	5.96	1,804.39	118.24	6.55
0.10 - 0.50	2,637.80	76.38	2.90	11,798.17	384.52	3.26
0.51 - 1.00	2,260.99	61.11	2.70	11,543.84	347.73	3.01
1.01 - 2.00	2,159.15	62.22	2.88	12,106.46	363.17	3.00
2.01 - 5.00	1,059.21	58.32	5.51	6,845.17	372.51	5.44
5.01 - 10.00	48.75	8.77	17.98	383.99	64.96	16.92
10.01 & over	**	**	**	**	**	**
Total	8,682.13	84.52	0.97	44,491.13	491.34	1.10

**TABLE 3.2 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING**  
(1996/97(1989 E.C.)  
TIGRAY

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> ('000))	S.E. ( <sup>000</sup> ('000))	C.V. (%)	Estimates ( <sup>000</sup> ('000))	S.E. ( <sup>000</sup> ('000))	C.V. (%)
under 0.10	14.17	4.60	32.46	42.34	16.01	37.82
0.10 - 0.50	208.06	26.37	12.67	880.02	123.24	14.00
0.51 - 1.00	179.03	14.23	7.95	876.73	68.39	7.80
1.01 - 2.00	145.28	20.86	14.36	859.92	126.14	14.67
2.01 - 5.00	32.73	9.07	27.72	204.42	55.66	27.23
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	579.26	16.65	2.87	2,863.43	109.83	3.84

**TABLE 3.3 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING**  
(1996/97(1989 E.C.)  
AFAR

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> ('000))	S.E. ( <sup>000</sup> ('000))	C.V. (%)	Estimates ( <sup>000</sup> ('000))	S.E. ( <sup>000</sup> ('000))	C.V. (%)
under 0.10	0.76	0.27	35.66	2.94	1.05	35.80
0.10 - 0.50	6.41	1.92	29.89	24.83	7.21	29.04
0.51 - 1.00	10.89	4.68	43.03	51.70	21.83	42.23
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	**	**	**	7.57	3.48	45.94
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	30.62	12.51	40.86	147.88	60.08	40.63

TABLE 3.4 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
AMHARA

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	144.44	12.48	8.64	440.42	46.81	10.63
0.10 - 0.50	563.89	41.71	7.40	2,173.58	179.91	8.28
0.51 - 1.00	622.48	33.15	5.33	2,932.78	181.36	6.18
1.01 - 2.00	763.34	37.12	4.86	3,999.14	199.30	4.98
2.01 - 5.00	456.11	40.99	8.99	2,810.34	245.38	8.73
5.01 - 10.00	19.19	5.61	29.23	153.60	44.28	28.83
10.01 & over	**	**	**	**	**	**
Total	2,570.21	41.72	1.62	12,512.13	221.74	1.77

TABLE 3.5 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
OROMIYA

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	98.25	12.01	12.23	349.53	46.50	13.30
0.10 - 0.50	731.44	44.02	6.02	3,373.87	241.19	7.15
0.51 - 1.00	881.27	35.72	4.05	4,450.82	207.25	4.66
1.01 - 2.00	993.50	39.34	3.96	5,697.50	240.58	4.22
2.01 - 5.00	521.14	39.90	7.66	3,484.65	270.04	7.75
5.01 - 10.00	27.50	6.69	24.33	211.88	47.10	22.23
10.01 & over	**	**	**	**	**	**
Total	3,253.56	57.03	1.75	17,572.02	351.94	2.00

TABLE 3.6 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
SOMALIE

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	**	**	**	**	**	**
0.10 - 0.50	31.32	4.02	12.84	181.12	25.69	14.18
0.51 - 1.00	25.15	3.27	13.01	143.04	21.19	14.81
1.01 - 2.00	13.04	2.32	17.80	81.24	13.94	17.17
2.01 - 5.00	4.03	1.49	36.93	25.70	9.38	36.51
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	78.94	5.77	7.31	461.94	39.06	8.46

**TABLE 3.7 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR  
STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
BENSHANGULE-GUMEZ**

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	1.46	0.42	28.95	3.92	1.36	34.74
0.10 - 0.50	11.84	2.92	24.68	41.78	11.51	27.55
0.51 - 1.00	20.45	3.00	14.68	87.23	14.31	16.41
1.01 - 2.00	32.36	3.79	11.70	158.07	21.04	13.31
2.01 - 5.00	13.88	2.67	19.25	90.01	17.60	19.56
5.01 - 10.00	0.93	0.35	37.10	9.27	3.87	41.78
10.01 & over	**	**	**	**	**	**
Total	81.19	3.35	4.12	390.92	22.52	5.76

**TABLE 3.8 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR  
STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
S.N.N.P.R.**

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	247.49	24.70	9.98	924.64	95.18	10.29
0.10 - 0.50	1,068.94	37.84	3.54	5,040.25	203.12	4.03
0.51 - 1.00	510.62	33.41	6.54	2,939.84	198.11	6.74
1.01 - 2.00	194.89	21.48	11.02	1,215.50	129.69	10.67
2.01 - 5.00	27.30	5.98	21.91	205.63	46.01	22.38
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	2,050.63	40.88	1.99	10,332.87	224.99	2.18

**TABLE 3.9 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR  
STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
GAMBELA**

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.92	0.20	21.97	3.85	1.05	27.22
0.10 - 0.50	3.81	0.36	9.40	16.72	1.52	9.11
0.51 - 1.00	2.88	0.48	16.65	12.72	2.03	15.99
1.01 - 2.00	1.53	0.31	20.36	7.29	1.60	21.91
2.01 - 5.00	0.38	0.17	43.87	2.97	1.58	53.27
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	9.56	0.80	8.37	44.20	3.98	9.01

TABLE 3.10 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR  
STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
HARARI

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.38	0.11	28.67	1.64	0.48	29.20
0.10 - 0.50	5.13	0.47	9.18	25.84	2.81	10.89
0.51 - 1.00	4.03	0.34	8.53	23.49	2.05	8.71
1.01 - 2.00	1.96	0.26	13.27	11.96	1.44	12.04
2.01 - 5.00	0.24	0.08	32.61	1.86	0.68	36.41
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	11.76	0.35	3.01	64.86	2.39	3.69

TABLE 3.11 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR  
STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
ADDIS ABABA

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.18	0.04	20.83	0.89	0.19	21.55
0.10 - 0.50	0.53	0.07	14.07	2.23	0.32	14.25
0.51 - 1.00	0.62	0.08	13.77	2.90	0.42	14.63
1.01 - 2.00	1.28	0.11	8.48	7.44	0.72	9.69
2.01 - 5.00	1.55	0.17	10.81	11.04	1.15	10.39
5.01 - 10.00	0.35	0.08	23.04	3.39	0.84	24.67
10.01 & over	**	**	**	**	**	**
Total	4.53	0.26	5.66	28.16	1.59	5.65

TABLE 3.12 ESTIMATES OF TOTAL NUMBER OF HOUSEHOLDS AND TOTAL MEMBERS THEIR  
STANDARD ERROR AND COEFFICIENT OF VARIATION BY SIZE OF HOLDING  
1996/97(1989 E.C.)  
DIRE DAWA

SIZE OF HOLDING (HECTARES)	NUMBER OF HOUSEHOLDS			NUMBER OF MEMBERS		
	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)	Estimates ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
under 0.10	0.57	0.18	31.29	3.35	1.23	36.73
0.10 - 0.50	6.44	0.54	8.34	37.94	3.64	9.61
0.51 - 1.00	3.57	0.41	11.58	22.60	2.62	11.57
1.01 - 2.00	1.15	0.20	17.20	7.85	1.34	17.03
2.01 - 5.00	0.13	0.05	39.64	0.97	0.37	38.37
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	11.87	0.78	6.61	72.72	5.06	6.96



TABLE 4.1 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
NATIONAL

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE (IN '000)	SE (IN '000)	CV %
under 0.10	One member	53.71	7.13	13.27
	2-3 member	238.77	16.21	6.79
	4-5 member	157.91	13.15	8.33
	6-9 member	61.62	7.74	12.56
	10 and above	2.00	0.95	47.62
	Not stated	-	-	-
0.10 - 0.50	One member	116.22	9.70	8.34
	2-3 member	822.64	29.50	3.59
	4-5 member	970.54	36.77	3.79
	6-9 member	674.23	31.15	4.62
	10 and above	54.16	7.35	13.57
	Not stated	-	-	-
0.51 - 1.00	One member	40.70	6.28	15.44
	2-3 member	516.37	22.42	4.34
	4-5 member	829.64	29.96	3.61
	6-9 member	807.46	32.67	4.05
	10 and above	66.18	7.41	11.20
	Not stated	**	**	**
1.01 - 2.00	One member	13.30	3.01	22.61
	2-3 member	358.31	18.97	5.29
	4-5 member	739.16	29.07	3.93
	6-9 member	944.74	35.60	3.77
	10 and above	103.64	9.34	9.01
	Not stated	-	-	-
2.01 - 5.00	One member	2.86	1.38	48.19
	2-3 member	89.55	9.41	10.51
	4-5 member	293.17	23.54	8.03
	6-9 member	566.69	33.31	5.88
	10 and above	106.94	10.52	9.84
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	6.60	2.39	36.25
	6-9 member	28.31	5.53	19.53
	10 and above	12.84	3.40	26.49
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	**	**	**
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	-	-	-
TOTAL	ALL MEMBERS	8682.13	104.56	1.20

TABLE 4.2 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
TIGRAY

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	2.75	1.32	48.04
	2-3 member	6.79	3.13	46.10
	4-5 member	3.96	1.48	37.42
	6-9 member	**	**	**
	10 and above	-	-	-
	Not stated	-	-	-
0.10 - 0.50	One member	19.57	3.76	19.23
	2-3 member	65.82	10.15	15.42
	4-5 member	61.25	8.50	13.87
	6-9 member	59.51	11.70	19.66
	10 and above	**	**	**
	Not stated	-	-	-
0.51 - 1.00	One member	6.61	2.58	38.99
	2-3 member	38.58	5.94	15.39
	4-5 member	66.15	8.43	12.75
	6-9 member	65.46	8.21	12.54
	10 and above	**	**	**
	Not stated	-	-	-
1.01 - 2.00	One member	-	-	-
	2-3 member	18.52	3.72	20.09
	4-5 member	52.42	10.84	20.69
	6-9 member	69.04	12.20	17.68
	10 and above	5.31	2.19	41.35
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	10.91	3.47	31.79
	6-9 member	18.07	5.41	29.95
	10 and above	**	**	**
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	579.27	29.22	5.04

TABLE 4.3 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
AFAR

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	**	**	**
	2-3 member	**	**	**
	4-5 member	0.16	0.08	46.80
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	-	-	-
0.10 - 0.50	One member	1.34	0.66	49.12
	2-3 member	1.19	0.32	26.93
	4-5 member	2.48	0.81	32.53
	6-9 member	1.37	0.52	37.72
	10 and above	**	**	**
	Not stated	-	-	-
0.51 - 1.00	One member	-	-	-
	2-3 member	2.09	1.00	47.91
	4-5 member	4.93	2.11	42.86
	6-9 member	3.87	1.67	43.11
	10 and above	-	-	-
	Not stated	-	-	-
1.01 - 2.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	3.52	1.52	43.08
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	**	**	**
	6-9 member	0.36	0.16	45.63
	10 and above	**	**	**
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	**	**	**
	6-9 member	**	**	**
	10 and above	-	-	-
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	**	**	**
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	30.61	4.53	14.80

TABLE 4.4 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
AMHARA

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	22.25	4.35	19.53
	2-3 member	77.48	7.74	9.99
	4-5 member	34.73	6.23	17.95
	6-9 member	9.33	3.21	34.37
	10 and above	**	**	**
	Not stated	-	-	-
0.10 - 0.50	One member	38.64	6.01	15.56
	2-3 member	218.92	16.31	7.45
	4-5 member	217.64	20.42	9.38
	6-9 member	87.14	11.09	12.72
	10 and above	**	**	**
	Not stated	-	-	-
0.51 - 1.00	One member	8.78	2.72	30.98
	2-3 member	166.11	12.81	7.71
	4-5 member	250.66	16.76	6.68
	6-9 member	190.89	18.04	9.45
	10 and above	6.04	2.44	40.30
	Not stated	-	-	-
1.01 - 2.00	One member	3.83	1.61	41.98
	2-3 member	151.28	12.39	8.19
	4-5 member	280.84	17.69	6.30
	6-9 member	309.77	19.47	6.29
	10 and above	17.63	4.03	22.85
	Not stated	-	-	-
2.01 - 5.00	One member	2.85	1.38	48.33
	2-3 member	36.66	5.80	15.81
	4-5 member	141.76	17.79	12.55
	6-9 member	249.74	22.36	8.95
	10 and above	25.09	5.01	19.96
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	**	**	**
	6-9 member	10.72	3.41	31.82
	10 and above	5.89	2.52	42.83
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	2570.20	59.31	2.31

**TABLE 4.5 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD, THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS**  
1996/97 (1989 E.C.)  
**OROMIYA**

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	9.79	3.07	31.35
	2-3 member	40.58	6.25	15.40
	4-5 member	34.95	6.07	17.37
	6-9 member	12.93	3.95	30.52
	10 and above	-	-	-
	Not stated	-	-	-
0.10 - 0.50	One member	21.20	3.99	18.81
	2-3 member	233.20	15.44	6.62
	4-5 member	261.33	20.30	7.77
	6-9 member	197.51	17.87	9.05
	10 and above	18.20	4.68	25.68
	Not stated	-	-	-
0.51 - 1.00	One member	19.05	4.65	24.39
	2-3 member	223.68	14.81	6.62
	4-5 member	315.35	16.96	5.38
	6-9 member	294.30	18.33	6.23
	10 and above	28.25	5.32	18.81
	Not stated	**	**	**
1.01 - 2.00	One member	7.81	2.44	31.25
	2-3 member	160.08	13.25	8.28
	4-5 member	318.03	17.60	5.53
	6-9 member	445.43	24.10	5.41
	10 and above	62.15	7.51	12.08
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	47.40	7.17	15.12
	4-5 member	128.06	14.79	11.55
	6-9 member	272.14	23.66	8.70
	10 and above	73.53	9.04	12.29
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	3.89	1.88	48.31
	6-9 member	16.40	4.29	26.14
	10 and above	6.20	2.26	36.40
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	**	**	**
	10 and above	-	-	-
	Not stated	-	-	-
<b>TOTAL</b>	<b>ALL MEMBERS</b>	<b>3253.56</b>	<b>63.80</b>	<b>1.96</b>

TABLE 4.6 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
SOMALIE

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	**	**	**
	2-3 member	0.77	0.35	46.11
	4-5 member	1.47	0.60	41.09
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	-	-	-
0.10 - 0.50	One member	**	**	**
	2-3 member	3.64	0.93	25.44
	4-5 member	9.83	2.00	20.34
	6-9 member	15.96	2.60	16.26
	10 and above	**	**	**
	Not stated	-	-	-
0.51 - 1.00	One member	-	-	-
	2-3 member	4.69	1.11	23.54
	4-5 member	8.71	1.45	16.65
	6-9 member	10.05	1.93	19.21
	10 and above	1.69	0.56	32.98
	Not stated	-	-	-
1.01 - 2.00	One member	-	-	-
	2-3 member	0.79	0.39	48.74
	4-5 member	4.29	1.10	25.71
	6-9 member	7.04	1.69	24.03
	10 and above	**	**	**
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	**	**	**
	6-9 member	2.03	0.74	36.18
	10 and above	**	**	**
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	78.93	5.43	6.87

TABLE 4.7 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
BENSHANGULE-GUMEZ

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	**	**	**
	2-3 member	0.57	0.27	46.84
	4-5 member	**	**	**
	6-9 member	**	**	**
	10 and above	-	-	-
	Not stated	-	-	-
0.10 - 0.50	One member	2.18	0.79	36.22
	2-3 member	4.29	1.03	24.04
	4-5 member	3.36	1.05	31.15
	6-9 member	1.85	0.81	43.78
	10 and above	**	**	**
	Not stated	-	-	-
0.51 - 1.00	One member	**	**	**
	2-3 member	8.27	1.13	13.62
	4-5 member	6.60	1.56	23.71
	6-9 member	4.71	1.09	23.21
	10 and above	**	**	**
	Not stated	-	-	-
1.01 - 2.00	One member	0.76	0.35	45.53
	2-3 member	9.07	1.24	13.63
	4-5 member	11.26	1.66	14.77
	6-9 member	9.62	2.32	24.08
	10 and above	1.64	0.46	28.04
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	1.61	0.49	30.15
	4-5 member	3.88	0.98	25.32
	6-9 member	6.65	1.59	23.91
	10 and above	1.74	0.45	25.74
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	**	**	**
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	81.18	4.78	5.89

TABLE 4.8 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
S.N.N.P.R.

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	17.91	4.53	25.31
	2-3 member	111.88	12.39	11.08
	4-5 member	81.69	9.73	11.91
	6-9 member	35.17	5.48	15.58
	10 and above	**	**	**
	Not stated	-	-	-
0.10 - 0.50	One member	31.98	5.14	16.07
	2-3 member	291.88	16.14	5.53
	4-5 member	409.62	21.08	5.15
	6-9 member	304.92	19.58	6.42
	10 and above	30.54	5.44	17.79
	Not stated	-	-	-
0.51 - 1.00	One member	5.38	1.93	35.90
	2-3 member	70.83	8.97	12.67
	4-5 member	173.83	15.78	9.08
	6-9 member	233.76	18.19	7.78
	10 and above	26.83	4.34	16.19
	Not stated	-	-	-
1.01 - 2.00	One member	**	**	**
	2-3 member	15.97	3.76	23.57
	4-5 member	67.01	9.93	14.82
	6-9 member	96.16	11.99	12.47
	10 and above	14.90	3.03	20.34
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	6.83	2.41	35.32
	6-9 member	16.56	4.11	24.84
	10 and above	3.91	1.54	39.31
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	**	**	**
	10 and above	-	-	-
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	2050.62	49.18	2.40



TABLE 4.9 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
GAMBELA

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	0.09	0.04	46.02
	2-3 member	0.25	0.09	34.09
	4-5 member	0.34	0.10	29.11
	6-9 member	0.25	0.10	42.18
	10 and above	—	—	—
	Not stated	—	—	—
0.10 - 0.50	One member	0.28	0.07	24.32
	2-3 member	1.24	0.21	16.71
	4-5 member	1.18	0.14	11.91
	6-9 member	0.98	0.16	16.23
	10 and above	0.12	0.04	32.52
	Not stated	—	—	—
0.51 - 1.00	One member	0.17	0.06	36.00
	2-3 member	1.01	0.27	26.32
	4-5 member	1.01	0.21	20.70
	6-9 member	0.58	0.11	18.46
	10 and above	0.11	0.05	49.24
	Not stated	—	—	—
1.01 - 2.00	One member	**	**	**
	2-3 member	0.38	0.10	25.76
	4-5 member	0.65	0.17	25.34
	6-9 member	0.41	0.11	25.85
	10 and above	**	**	**
	Not stated	—	—	—
2.01 - 5.00	One member	—	—	—
	2-3 member	**	**	**
	4-5 member	**	**	**
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	—	—	—
5.01 - 10.00	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	—	—	—
	6-9 member	—	—	—
	10 and above	**	**	**
	Not stated	—	—	—
10.01 and Over	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	—	—	—
	6-9 member	—	—	—
	10 and above	—	—	—
	Not stated	—	—	—
TOTAL	ALL MEMBERS	9.56	0.58	6.03

TABLE 4.10 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
HARARI

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	**	**	**
	2-3 member	0.11	0.04	33.57
	4-5 member	0.12	0.04	33.94
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	-	-	-
0.10 - 0.50	One member	0.10	0.04	33.88
	2-3 member	1.29	0.14	10.78
	4-5 member	1.75	0.26	14.76
	6-9 member	1.86	0.27	14.24
	10 and above	0.13	0.06	44.64
	Not stated	-	-	-
0.51 - 1.00	One member	**	**	**
	2-3 member	0.67	0.13	19.34
	4-5 member	1.19	0.19	16.04
	6-9 member	1.74	0.19	10.95
	10 and above	0.37	0.08	22.69
	Not stated	-	-	-
1.01 - 2.00	One member	-	-	-
	2-3 member	0.23	0.09	38.72
	4-5 member	0.49	0.10	20.43
	6-9 member	1.10	0.17	15.74
	10 and above	0.13	0.05	36.46
	Not stated	-	-	-
2.01 - 5.00	One member	-	-	-
	2-3 member	**	**	**
	4-5 member	**	**	**
	6-9 member	0.12	0.05	39.63
	10 and above	**	**	**
	Not stated	-	-	-
5.01 - 10.00	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	**	**	**
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
10.01 and Over	One member	-	-	-
	2-3 member	-	-	-
	4-5 member	-	-	-
	6-9 member	-	-	-
	10 and above	-	-	-
	Not stated	-	-	-
TOTAL	ALL MEMBERS	11.73	0.57	4.86

TABLE 4.11 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
ADDIS ABABA

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	—	—	—
	2-3 member	0.07	0.03	34.57
	4-5 member	0.05	0.02	32.53
	6-9 member	0.04	0.02	48.22
	10 and above	**	**	**
	Not stated	—	—	—
0.10 - 0.50	One member	**	**	**
	2-3 member	0.18	0.04	21.18
	4-5 member	0.23	0.04	16.16
	6-9 member	0.10	0.03	26.73
	10 and above	—	—	—
	Not stated	—	—	—
0.51 - 1.00	One member	0.04	0.01	37.20
	2-3 member	0.13	0.03	25.85
	4-5 member	0.22	0.04	19.19
	6-9 member	0.23	0.04	17.32
	10 and above	—	—	—
	Not stated	—	—	—
1.01 - 2.00	One member	0.02	0.01	47.19
	2-3 member	0.24	0.04	15.13
	4-5 member	0.39	0.05	13.94
	6-9 member	0.54	0.07	12.21
	10 and above	0.10	0.02	22.13
	Not stated	—	—	—
2.01 - 5.00	One member	**	**	**
	2-3 member	0.09	0.02	25.34
	4-5 member	0.37	0.05	15.01
	6-9 member	0.83	0.11	12.84
	10 and above	0.26	0.04	16.66
	Not stated	—	—	—
5.01 - 10.00	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	**	**	**
	6-9 member	0.18	0.05	28.67
	10 and above	0.16	0.05	30.77
	Not stated	—	—	—
10.01 and Over	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	—	—	—
	6-9 member	—	—	—
	10 and above	**	**	**
	Not stated	—	—	—
TOTAL	ALL MEMBERS	4.54	0.20	4.49

TABLE 4.12 TOTAL NUMBER OF HOUSEHOLDS BY SIZE OF HOLDING AND SIZE OF HOUSEHOLD,  
THEIR STANDARD ERRORS AND COEFFICIENT OF VARIATIONS  
1996/97 (1989 E.C.)  
DIRE DAWA

AREA GROUP (Hectare)	HOUSEHOLD SIZE	ESTIMATE	SE	CV
under 0.10	One member	—	—	—
	2-3 member	0.15	0.06	42.82
	4-5 member	0.14	0.06	40.03
	6-9 member	0.22	0.09	38.05
	10 and above	**	**	**
	Not stated	—	—	—
0.10 - 0.50	One member	0.06	0.03	44.98
	2-3 member	0.99	0.16	16.06
	4-5 member	1.88	0.24	12.57
	6-9 member	3.03	0.35	11.69
	10 and above	0.48	0.10	21.01
	Not stated	—	—	—
0.51 - 1.00	One member	**	**	**
	2-3 member	0.31	0.11	34.68
	4-5 member	0.99	0.19	19.46
	6-9 member	1.88	0.23	12.29
	10 and above	0.37	0.10	25.91
	Not stated	—	—	—
1.01 - 2.00	One member	—	—	—
	2-3 member	**	**	**
	4-5 member	0.25	0.07	29.87
	6-9 member	0.68	0.13	19.75
	10 and above	0.14	0.06	40.51
	Not stated	—	—	—
2.01 - 5.00	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	**	**	**
	6-9 member	**	**	**
	10 and above	**	**	**
	Not stated	—	—	—
5.01 - 10.00	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	—	—	—
	6-9 member	—	—	—
	10 and above	—	—	—
	Not stated	—	—	—
10.01 and Over	One member	—	—	—
	2-3 member	—	—	—
	4-5 member	—	—	—
	6-9 member	—	—	—
	10 and above	—	—	—
	Not stated	—	—	—
TOTAL	ALL MEMBERS	11.88	0.61	5.16

Table 5.1 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

## NATIONAL

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder (000)	S.E. (000)	C.V. (%)
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	16.16	3.78	23.34	**	**	**	8.52	3.15	36.96	5.78	2.01	34.69	21.16	3.96	18.72	2.26	1.05	46.25	54.94	6.93	12.61
18 - 20	59.76	7.99	13.36	7.55	2.33	30.81	14.68	3.16	21.56	3.29	1.48	44.95	150.81	11.31	7.50	16.49	4.18	25.32	252.57	15.22	6.03
21 - 24	110.67	11.06	10.00	12.98	3.11	24.00	25.45	4.26	16.72	**	**	**	345.93	18.23	5.27	38.94	6.50	17.60	535.56	23.03	4.30
25 - 29	231.75	15.35	6.63	25.45	4.27	16.79	24.74	3.96	15.99	11.27	2.64	23.48	932.23	28.38	3.04	72.53	7.76	10.70	1297.97	32.51	2.50
30 - 39	278.04	17.68	6.36	78.92	8.26	10.47	17.26	3.34	19.34	13.73	2.82	20.54	1700.35	42.03	2.47	225.36	13.70	6.05	2314.67	48.16	2.08
40 - 49	167.75	14.32	7.63	60.05	6.93	11.54	15.09	6.34	41.99	14.08	2.92	20.77	1377.19	33.06	2.40	233.02	13.89	5.96	1867.16	37.71	2.00
50 - 59	111.35	10.26	9.21	70.30	7.75	11.03	9.96	3.15	31.65	14.65	3.26	22.24	888.12	25.64	2.88	194.93	11.78	6.05	1299.31	31.45	2.42
60 & Above	132.16	11.61	8.78	99.03	10.24	10.34	17.43	4.82	27.63	34.72	5.29	15.22	948.97	29.42	3.10	210.26	14.06	6.69	1442.55	38.13	2.64

Table 5.2 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

## TIGRAY

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder (000)	S.E. (000)	C.V. (%)
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	**	**	**	-	-	-	-	-	-	**	**	**	-	-	-	-	-	-	**	**	**
18 - 20	-	-	-	**	**	**	-	-	-	-	-	-	**	**	**	**	**	**	3.62	1.65	42.84
21 - 24	**	**	**	4.20	1.92	45.64	**	**	**	**	**	**	7.50	2.39	31.80	**	**	**	16.39	4.04	24.67
25 - 29	6.82	2.73	39.97	**	**	**	4.31	1.65	38.41	**	**	**	32.20	6.24	19.37	6.23	2.14	34.88	52.74	6.93	13.14
30 - 39	13.38	5.12	38.29	10.88	3.48	31.98	4.84	2.00	41.28	**	**	**	88.88	14.34	16.14	20.09	4.41	21.93	139.45	17.89	12.83
40 - 49	19.04	8.57	45.01	9.89	3.41	34.50	**	**	**	**	**	**	104.35	13.16	12.61	14.00	4.45	31.76	150.05	17.02	11.34
50 - 59	5.51	2.07	37.57	12.99	3.39	26.06	**	**	**	2.99	1.46	49.04	72.99	10.50	14.39	16.50	4.48	27.04	111.59	13.33	11.95
60 & Above	12.85	2.96	23.02	18.44	6.06	32.88	**	**	**	**	**	**	84.66	13.30	15.70	18.23	4.02	22.06	139.74	17.95	12.85

Table 5.3 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

## AFAR

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder (000)	S.E. (000)	C.V. (%)
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	-	-	-	-	-	-	-	-	-	-	-	-	**	**	**	-	-	-	**	**	**
18 - 20	**	**	**	**	**	**	**	**	**	-	-	-	0.15	0.06	42.68	-	-	-	**	**	**
21 - 24	**	**	**	**	**	**	**	**	**	-	-	-	0.27	0.13	45.87	-	-	-	**	**	**
25 - 29	**	**	**	-	-	-	**	**	**	-	-	-	2.10	1.00	47.68	-	-	-	4.20	2.05	48.88
30 - 39	**	**	**	**	**	**	**	**	**	**	**	**	5.46	2.58	47.18	**	**	**	10.57	4.12	39.00
40 - 49	**	**	**	**	**	**	**	**	**	0.43	0.16	38.09	3.88	1.27	32.71	**	**	**	8.18	2.25	27.53
50 - 59	**	**	**	**	**	**	0.27	0.11	41.51	**	**	**	3.92	1.35	34.55	**	**	**	5.14	1.81	35.28
60 & Above	**	**	**	**	**	**	0.30	0.14	45.67	**	**	**	4.71	2.16	45.92	**	**	**	6.09	2.40	39.37

Table 5.4 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

## AMHARA

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder	S.E.	C.V.
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	2.87	1.40	48.71	-	-	-	**	**	**	3.96	1.72	43.35	**	**	**	**	**	**	10.28	3.33	32.43
18 - 20	11.93	3.58	30.04	4.20	1.78	42.32	9.85	2.80	28.45	**	**	**	27.71	5.27	19.02	6.81	3.16	46.41	62.18	8.59	13.82
21 - 24	19.83	5.19	26.18	**	**	**	18.31	3.78	20.53	**	**	**	92.46	9.41	10.17	6.40	2.74	42.81	140.01	12.05	8.60
25 - 29	69.62	8.07	11.59	10.65	2.75	25.81	8.14	2.65	32.53	**	**	**	277.71	15.46	5.57	6.54	2.17	33.12	374.89	17.24	4.60
30 - 39	77.94	8.63	10.94	38.00	5.14	14.27	2.70	1.28	46.80	4.04	1.76	43.56	496.43	18.63	3.75	40.37	5.94	14.72	657.48	20.32	3.09
40 - 49	63.52	7.26	11.42	28.64	4.52	16.97	-	-	-	**	**	**	419.37	19.77	4.71	71.07	7.59	10.68	582.85	22.57	3.87
50 - 59	33.59	5.24	15.59	28.64	5.06	17.65	-	-	-	2.85	1.34	46.92	287.49	13.12	4.58	57.07	5.62	9.84	409.64	17.07	4.17
60 & Above	45.36	6.48	14.28	40.11	6.07	15.12	3.36	1.49	44.39	10.45	3.03	29.02	281.53	16.53	5.87	67.78	8.21	12.12	448.58	21.43	4.78

Table 5.5 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

## OROMIYA

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder	S.E.	C.V.
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	9.01	3.16	35.02	-	-	-	**	**	**	**	**	**	12.74	2.96	23.23	**	**	**	28.12	4.99	17.74
18 - 20	33.56	6.28	18.71	**	**	**	3.33	1.34	40.13	**	**	**	72.78	8.11	11.15	**	**	**	115.17	10.42	9.05
21 - 24	60.39	8.40	13.91	3.50	1.65	47.28	3.25	1.53	46.98	**	**	**	171.95	13.78	7.99	17.07	4.90	28.68	257.40	16.42	6.38
25 - 29	85.41	9.94	11.64	6.95	1.99	28.69	9.00	2.30	25.54	7.72	2.26	29.35	359.34	16.68	4.64	33.89	6.22	18.35	502.31	20.01	3.98
30 - 39	112.84	11.44	10.16	17.14	4.98	27.30	5.19	2.11	40.64	5.03	1.67	33.31	620.27	27.88	4.49	84.12	8.70	10.35	844.39	33.30	3.94
40 - 49	60.38	6.71	11.11	11.10	2.88	25.95	**	**	**	8.19	2.37	28.95	485.12	18.62	3.84	81.67	8.65	10.59	658.52	22.62	3.45
50 - 59	50.54	7.44	14.71	12.83	2.97	23.15	7.43	3.00	40.38	7.46	2.55	34.18	326.63	15.04	4.61	67.52	7.59	11.24	472.42	19.09	4.04
60 & Above	58.56	8.68	15.35	27.97	5.05	18.07	9.32	3.93	42.21	20.31	4.01	19.73	372.99	18.55	4.97	90.51	9.54	10.54	577.66	24.87	4.31

Table 5.6 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

## SOMALI

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder	S.E.	C.V.
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	-	-	-	-	-	-	-	-	-	-	-	-	**	**	**	-	-	-	**	**	**
18 - 20	**	**	**	**	**	**	-	-	-	**	**	**	2.07	0.77	37.13	**	**	**	3.13	0.99	31.49
21 - 24	**	**	**	-	-	-	-	-	-	-	-	-	2.38	0.66	27.90	-	-	-	2.68	0.77	28.56
25 - 29	**	**	**	-	-	-	**	**	**	**	**	**	8.44	1.85	21.94	**	**	**	10.83	2.10	19.38
30 - 39	0.87	0.37	41.92	**	**	**	**	**	**	1.34	0.60	44.90	18.14	3.18	17.51	0.72	0.35	47.99	21.90	3.33	15.20
40 - 49	0.57	0.28	49.27	-	-	-	**	**	**	**	**	**	16.77	3.31	19.74	1.62	0.55	34.13	20.05	3.34	16.67
50 - 59	**	**	**	**	**	**	**	**	**	**	**	**	8.04	1.79	22.27	2.27	0.71	31.23	11.57	2.26	19.52
60 & Above	**	**	**	**	**	**	0.77	0.37	48.43	**	**	**	11.08	2.35	21.17	1.99	0.61	30.82	14.72	2.50	16.99

Table 5.7 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

**BENSHANGUL-GUMEZ**

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder (000)	S.E. (000)	C.V. (%)
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	**	**	**	-	-	-	-	-	-	-	-	-	**	**	**	**	**	**	0.96	0.42	44.01
18 - 20	1.79	0.80	39.30	-	-	-	-	-	-	**	**	**	2.57	0.64	25.04	**	**	**	4.80	0.98	20.10
21 - 24	1.84	0.62	37.59	**	**	**	**	**	**	-	-	-	5.01	0.92	18.39	1.07	0.51	47.52	7.98	1.08	13.49
25 - 29	2.62	0.58	21.44	**	**	**	**	**	**	-	-	-	7.47	0.99	13.27	1.08	0.41	37.74	11.54	1.31	11.37
30 - 39	2.53	0.81	32.09	0.52	0.25	48.17	**	**	**	**	**	**	18.02	2.25	14.02	1.14	0.35	30.78	20.51	2.30	11.23
40 - 49	1.68	0.61	38.65	**	**	**	-	-	-	-	-	-	13.35	1.47	11.04	2.26	0.65	28.54	18.18	1.63	8.96
50 - 59	1.37	0.47	34.70	**	**	**	-	-	-	-	-	-	8.42	1.38	16.35	0.63	0.27	42.36	11.26	1.47	13.06
60 & Above	1.70	0.51	30.19	**	**	**	-	-	-	-	-	-	7.09	1.33	18.79	0.88	0.38	43.09	10.10	1.81	17.92

Table 5.8 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

**S.N.N.P.R.**

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder (000)	S.E. (000)	C.V. (%)
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	3.01	1.34	44.48	**	**	**	**	**	**	-	-	-	5.85	2.44	41.01	**	**	**	13.35	3.28	24.57
18 - 20	11.05	3.29	29.75	**	**	**	1.37	0.82	45.27	-	-	-	42.78	5.69	13.30	3.95	1.74	44.14	60.88	8.69	10.99
21 - 24	25.78	4.81	18.64	2.71	1.30	48.00	1.84	0.74	45.02	**	**	**	64.58	6.99	10.82	10.85	3.10	28.58	108.25	9.85	8.27
25 - 29	63.03	7.94	12.59	5.28	2.20	41.67	**	**	**	-	-	-	240.98	15.96	6.62	24.06	3.52	14.65	335.46	17.73	5.29
30 - 39	66.68	9.00	13.51	13.81	2.98	21.38	**	**	**	**	**	**	448.88	22.28	4.99	79.20	7.80	9.85	609.11	24.15	3.97
40 - 49	41.26	8.02	14.60	10.84	2.83	26.59	**	**	**	**	**	**	328.57	18.61	5.06	80.79	8.46	10.63	442.78	16.93	3.82
50 - 59	18.88	4.23	22.39	14.66	3.94	26.87	**	**	**	**	**	**	167.48	13.93	7.43	50.33	5.83	11.19	272.88	15.54	5.69
60 & Above	14.16	3.12	22.05	11.62	2.92	25.16	**	**	**	**	**	**	183.96	11.39	6.19	29.74	5.06	17.01	240.75	19.48	5.60

Table 5.9 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)

**GAMBELA**

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder (000)	S.E. (000)	C.V. (%)
	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.	Holder	S.E.	C.V.			
	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)	(000)	(000)	(%)			
under 18	**	**	**	-	-	-	**	**	**	**	**	**	**	**	**	**	**	**	0.31	0.14	45.28
18 - 20	0.20	0.07	34.15	**	**	**	**	**	**	**	**	**	0.27	0.11	40.21	0.10	0.05	45.05	0.64	0.18	27.88
21 - 24	0.49	0.19	38.43	**	**	**	**	**	**	**	**	**	0.46	0.14	31.18	**	**	**	1.24	0.37	29.93
25 - 29	0.75	0.15	19.82	**	**	**	**	**	**	-	-	-	0.60	0.20	25.65	0.10	0.04	41.82	1.79	0.29	16.08
30 - 39	0.83	0.23	28.13	0.18	0.05	29.19	0.07	0.03	49.98	**	**	**	1.33	0.24	18.39	**	**	**	2.48	0.35	13.95
40 - 49	0.58	0.16	28.73	0.19	0.06	32.65	**	**	**	**	**	**	0.92	0.20	21.36	0.30	0.09	29.37	2.00	0.34	16.82
50 - 59	0.29	0.13	43.97	0.09	0.04	41.52	**	**	**	**	**	**	0.35	0.12	34.20	0.15	0.06	39.61	0.95	0.19	20.41
60 & Above	0.32	0.09	28.38	0.11	0.04	37.76	**	**	**	**	**	**	0.36	0.11	31.20	0.08	0.04	46.73	0.93	0.18	18.95

Table 5.10 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)  
HARARI

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder	S.E.	C.V.
	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)			
under 18	**	**	**	-	-	-	-	-	-	-	-	-	0.11	0.04	41.53	**	**	**	0.16	0.06	39.22
18 - 20	0.19	0.08	31.25	-	-	-	-	-	-	-	-	-	0.49	0.13	26.48	**	**	**	0.69	0.16	23.30
21 - 24	0.12	0.04	35.39	**	**	**	-	-	-	-	-	-	0.63	0.18	21.12	**	**	**	0.78	0.15	19.31
25 - 29	0.25	0.08	23.15	-	-	-	**	**	**	-	-	-	1.52	0.22	14.63	**	**	**	1.83	0.24	13.04
30 - 39	0.33	0.09	25.83	**	**	**	**	**	**	**	**	**	3.03	0.35	11.69	0.21	0.05	25.98	3.63	0.39	10.66
40 - 49	0.14	0.08	40.97	**	**	**	**	**	**	-	-	-	2.04	0.27	13.40	0.24	0.06	25.98	2.50	0.28	11.34
50 - 59	0.09	0.04	39.31	**	**	**	-	-	-	**	**	**	1.00	0.17	16.98	0.08	0.03	44.41	1.25	0.19	14.79
60 & Above	0.15	0.08	38.24	0.09	0.04	46.59	-	-	-	0.07	0.03	44.83	0.63	0.18	20.64	0.25	0.08	31.41	1.20	0.20	17.09

Table 5.11 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)  
ADDIS ABABA

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder	S.E.	C.V.
	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)			
under 18	**	**	**	-	-	-	**	**	**	**	**	**	0.02	0.01	47.88	-	-	-	0.07	0.03	37.82
18 - 20	0.08	0.03	42.99	-	-	-	-	-	-	**	**	**	0.06	0.02	35.96	-	-	-	0.12	0.04	30.14
21 - 24	0.08	0.03	31.74	-	-	-	**	**	**	**	**	**	0.12	0.03	29.18	-	-	-	0.21	0.05	21.05
25 - 29	0.19	0.04	26.67	**	**	**	0.02	0.01	40.49	0.02	0.01	42.73	0.39	0.07	17.58	**	**	**	0.58	0.08	13.97
30 - 39	0.15	0.03	20.85	**	**	**	0.18	0.05	27.84	0.05	0.02	38.57	0.80	0.11	14.27	0.10	0.03	25.03	1.30	0.13	9.63
40 - 49	0.03	0.01	45.25	0.03	0.01	40.29	0.09	0.03	33.68	0.03	0.01	45.26	0.57	0.08	14.50	0.17	0.04	24.25	0.90	0.10	10.72
50 - 59	**	**	**	0.03	0.02	47.69	0.03	0.01	46.19	**	**	**	0.55	0.08	13.60	0.12	0.03	28.92	0.79	0.09	11.54
60 & Above	0.08	0.03	49.98	0.04	0.02	42.98	0.02	0.01	49.33	0.04	0.02	48.78	0.90	0.13	13.98	0.24	0.04	17.14	1.29	0.15	11.69

Table 5.12 Number of Holders by Age and Sex, Their Standard Error and Coefficient of Variation, 1996/97 (1989 E.C.)  
DIRE DAWA

AGE OF HOLDERS IN YEARS	With Crop Only						With Livestock Only						With Crop & Livestock						Total No. of Holders		
	Male			Female			Male			Female			Male			Female			Holder	S.E.	C.V.
	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)	Holder (000)	S.E. (000)	C.V. (%)			
under 18	**	**	**	-	-	-	-	-	-	-	-	-	**	**	**	**	**	**	0.08	0.04	46.12
18 - 20	**	**	**	-	-	-	**	**	**	-	-	-	0.54	0.16	29.85	-	-	-	0.68	0.20	30.08
21 - 24	**	**	**	-	-	-	**	**	**	-	-	-	0.59	0.15	25.54	**	**	**	0.74	0.18	23.60
25 - 29	0.15	0.07	46.08	-	-	-	0.21	0.08	35.27	0.10	0.05	49.03	1.30	0.24	18.76	**	**	**	1.80	0.24	13.37
30 - 39	0.16	0.06	35.13	**	**	**	0.16	0.07	45.00	0.17	0.08	46.51	3.12	0.52	16.76	0.19	0.06	30.21	3.83	0.54	14.12
40 - 49	0.15	0.06	41.75	**	**	**	**	**	**	**	**	**	2.24	0.41	18.92	0.39	0.12	29.82	3.14	0.50	15.77
50 - 59	**	**	**	**	**	**	**	**	**	0.23	0.10	44.29	1.26	0.23	18.29	0.14	0.05	36.65	1.62	0.24	13.26
60 & Above	**	**	**	**	**	**	0.14	0.07	49.32	0.09	0.05	49.53	1.05	0.25	23.64	0.15	0.06	39.00	1.50	0.24	16.15



Table 6.1

**NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
NATIONAL**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	1127.66	51.81	4.59
	Female	355.29	19.86	5.59
	Both Sexes	1482.94	60.67	4.09
Livestock Only	Male	133.58	15.16	11.35
	Female	101.81	9.77	9.59
	Both Sexes	235.4	20.58	8.74
Crop & Livestock	Male	6374.75	85.28	1.34
	Female	992.81	35.49	3.57
	Both Sexes	7367.57	92.74	1.26
Total	Male	7635.99	84.64	1.11
	Female	1449.91	42.21	2.91
	Both Sexes	9085.91	91.9	1.01

Table 6.2

**NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
TIGRAY**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	59	17.02	28.84
	Female	59.73	11.43	19.13
	Both Sexes	118.73	21.46	18.08
Livestock Only	Male	15.99	4.71	29.49
	Female	11.33	4.36	38.5
	Both Sexes	27.32	8.06	29.49
Crop & Livestock	Male	391.95	45.02	11.49
	Female	77.79	12.14	15.61
	Both Sexes	469.73	52.3	11.13
Total	Male	466.93	45	9.64
	Female	148.85	17.1	11.49
	Both Sexes	615.78	54.98	8.93

Table 6.3

NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
**AFAR**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	**	**	**
	Female	**	**	**
	Both Sexes	**	**	**
Livestock Only	Male	**	**	**
	Female	0.74	0.26	35.14
	Both Sexes	**	**	**
Crop & Livestock	Male	20.51	8.12	39.59
	Female	1.21	0.52	43.12
	Both Sexes	21.72	8.34	38.4
Total	Male	33.76	12.57	37.22
	Female	2.98	0.85	28.46
	Both Sexes	36.74	13.23	36.02

Table 6.4

NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
**AMHARA**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	324.67	22.8	7.02
	Female	148.35	12.74	8.59
	Both Sexes	473.02	27.87	5.89
Livestock Only	Male	43.88	7.27	16.56
	Female	28.36	4.15	14.62
	Both Sexes	72.24	7.01	9.7
Crop & Livestock	Male	1884.27	41.58	2.21
	Female	256.37	18.04	7.04
	Both Sexes	2140.64	47.75	2.23
Total	Male	2252.82	39.28	1.74
	Female	433.08	23.9	5.52
	Both Sexes	2685.9	46.75	1.74

**Table 6.5** NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**OROMIYA**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ('000)	S.E. ('000)	C.V. (%)
Crop Only	Male	468.47	34.93	7.46
	Female	80.09	8.66	10.81
	Both Sexes	548.56	40.68	7.42
Livestock Only	Male	52.34	12.38	23.65
	Female	52.24	7.83	14.99
	Both Sexes	104.58	18.19	17.39
Crop & Livestock	Male	2421.81	54.16	2.24
	Female	379.48	24.29	6.4
	Both Sexes	2801.28	58.32	2.08
Total	Male	2942.63	58.69	1.99
	Female	511.8	26.65	5.21
	Both Sexes	3454.43	62.45	1.81

**Table 6.6** NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1989 E.C.)  
**SOMALI**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ('000)	S.E. ('000)	C.V. (%)
Crop Only	Male	3.79	0.96	25.27
	Female	0.66	0.32	48.06
	Both Sexes	4.44	1.01	22.79
Livestock Only	Male	2.81	1.01	36.04
	Female	3.29	1.3	39.68
	Both Sexes	6.09	2.08	34.15
Crop & Livestock	Male	67.07	9.81	14.63
	Female	7.43	1.35	18.2
	Both Sexes	74.5	10.73	14.4
Total	Male	73.66	9.8	13.3
	Female	11.37	1.42	12.46
	Both Sexes	85.04	10.13	11.91

Table 6.7  
NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
**BENSHANGUL-GUMEZ**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	13.73	3.18	23.19
	Female	2.89	0.88	30.33
	Both Sexes	16.63	3.75	22.58
Livestock Only	Male	**	**	**
	Female	**	**	**
	Both Sexes	**	**	**
Crop & Livestock	Male	60.32	5.14	8.52
	Female	7.51	1.47	19.63
	Both Sexes	67.83	5.51	8.13
Total	Male	74.63	5.17	6.93
	Female	10.7	1.87	17.49
	Both Sexes	85.33	5.54	6.49

Table 6.8  
NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
**S.N.N.P.R.**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	243.84	25.59	10.49
	Female	61.44	7.66	12.46
	Both Sexes	305.28	29.67	9.72
Livestock Only	Male	11.08	2.27	20.45
	Female	4.3	1.45	33.69
	Both Sexes	15.38	1.46	9.47
Crop & Livestock	Male	1501.18	44.15	2.94
	Female	259.6	15.82	6.09
	Both Sexes	1760.78	46.74	2.65
Total	Male	1756.1	40.09	2.28
	Female	325.35	17.91	5.51
	Both Sexes	2081.44	42.28	2.03

Table 6.9

NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
**GAMBELA**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
Crop Only	Male	3.5	0.64	18.2
	Female	0.68	0.15	21.82
	Both Sexes	4.18	0.73	17.35
Livestock Only	Male	**	**	**
	Female	0.17	0.07	41.11
	Both Sexes	**	**	**
Crop & Livestock	Male	4.66	0.76	16.4
	Female	0.95	0.19	20.11
	Both Sexes	5.61	0.91	16.25
Total	Male	8.54	1.01	11.86
	Female	1.79	0.23	12.71
	Both Sexes	10.33	1.13	10.9

Table 6.10

NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
**HARARI**

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>000</sup> )	S.E. ( <sup>000</sup> )	C.V. (%)
Crop Only	Male	1.31	0.25	18.92
	Female	0.17	0.05	30.34
	Both Sexes	1.48	0.26	17.65
Livestock Only	Male	0.12	0.04	35.1
	Female	0.15	0.05	33.53
	Both Sexes	0.27	0.08	27.89
Crop & Livestock	Male	9.43	0.99	10.54
	Female	0.87	0.16	18.07
	Both Sexes	10.3	1.07	10.36
Total	Male	10.86	1.08	9.94
	Female	1.19	0.16	13.22
	Both Sexes	12.05	1.12	9.32

Table 6.11

NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
ADDIS ABABA

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	0.58	0.14	23.48
	Female	0.13	0.03	25.51
	Both Sexes	0.71	0.15	21.3
Livestock Only	Male	0.35	0.09	24.74
	Female	0.18	0.04	24.09
	Both Sexes	0.53	0.12	22.3
Crop & Livestock	Male	3.41	0.41	11.9
	Female	0.63	0.1	15.45
	Both Sexes	4.04	0.46	11.37
Total	Male	0.43	9.9	3.51
	Female	0.1	10.94	0.74
	Both Sexes	5.29	0.48	9.05

Table 6.12

NUMBER OF HOLDERS BY SEX OF HOLDER AND TYPE OF HOLDING,  
THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1989 E.C.)  
DIRE DAWA

Type of Holding	Sex of Holders	Number of Holders		
		Estimate ( <sup>0</sup> 000)	S.E. ( <sup>0</sup> 000)	C.V. (%)
Crop Only	Male	0.65	0.21	33.06
	Female	0.11	0.05	49.07
	Both Sexes	0.75	0.24	31.53
Livestock Only	Male	0.92	0.29	31.11
	Female	0.77	0.25	32.25
	Both Sexes	1.69	0.47	27.65
Crop & Livestock	Male	10.15	1.4	13.84
	Female	0.98	0.18	18.35
	Both Sexes	11.13	1.51	13.58
Total	Male	11.72	1.35	11.49
	Female	1.86	0.25	13.39
	Both Sexes	13.58	1.36	9.98

**TABLE 7.1** NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1988 E.C.)  
**NATIONAL**

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	814.98	49.21	6.04	38.97	2.15	5.52
0.10 - 0.50	2442.19	81.63	3.34	725.60	24.50	3.38
0.51 - 1.00	2047.93	58.00	2.83	1507.63	43.02	2.85
1.01 - 2.00	2022.29	62.64	3.10	2890.21	92.72	3.21
2.01 - 5.00	993.25	56.91	5.73	2781.38	170.99	6.15
5.01 - 10.00	45.76	8.58	18.75	271.82	51.98	19.12
10.01 & over	**	**	**	**	**	**
Total	8367.92	89.22	1.07	8233.38	204.83	2.49
<b>PERMANENT CROPS</b>						
under 0.10	2306.01	74.85	3.25	93.52	3.42	3.65
0.10 - 0.50	1599.34	70.65	4.42	339.47	17.18	5.06
0.51 - 1.00	139.36	19.60	14.06	95.06	14.24	14.98
1.01 - 2.00	34.18	9.73	28.46	49.18	14.71	29.90
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	**	**	**	**	**	**
Total	4080.88	101.51	2.49	591.68	37.65	6.36

**TABLE 7.2** NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1988 E.C.)  
**TIGRAY**

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	14.83	5.14	34.65	0.92	0.26	28.61
0.10 - 0.50	208.88	26.51	12.69	65.92	7.80	11.84
0.51 - 1.00	177.54	14.19	8.00	129.55	10.50	8.10
1.01 - 2.00	145.28	20.86	14.36	201.94	30.93	15.32
2.01 - 5.00	32.73	9.07	27.72	84.98	23.42	27.57
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	579.26	16.65	2.87	483.29	43.31	8.96
<b>PERMANENT CROPS</b>						
under 0.10	17.33	3.03	17.49	0.56	0.09	15.88
0.10 - 0.50	-	-	-	-	-	-
0.51 - 1.00	-	-	-	-	-	-
1.01 - 2.00	-	-	-	-	-	-
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	17.33	3.03	17.49	0.56	0.09	15.88

TABLE 7.3

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND  
SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1988 E.C.)  
AFAR

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	0.73	0.27	37.58	0.06	0.02	43.05
0.10 - 0.50	6.48	1.90	29.41	2.11	0.64	30.47
0.51 - 1.00	11.12	4.66	41.94	8.29	3.51	42.39
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	**	**	**	**	**	**
Total	30.59	12.52	40.91	29.98	14.16	47.25
<b>PERMANENT CROPS</b>						
under 0.10	**	**	**	0.06	0.02	28.99
0.10 - 0.50	**	**	**	0.14	0.06	41.50
0.51 - 1.00	**	**	**	**	**	**
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	**	**	**	**	**	**

TABLE 7.4

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND  
SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1988 E.C.)  
AMHARA

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	140.90	11.70	8.31	7.65	0.70	9.12
0.10 - 0.50	573.01	44.66	7.79	174.23	13.49	7.74
0.51 - 1.00	618.61	33.29	5.38	460.25	23.86	5.18
1.01 - 2.00	757.14	37.28	4.92	1089.48	55.78	5.12
2.01 - 5.00	452.71	40.76	9.00	1283.49	124.98	9.74
5.01 - 10.00	18.29	5.42	29.63	104.34	30.59	29.32
10.01 & over	**	**	**	**	**	**
Total	2561.43	41.93	1.64	3127.32	139.46	4.46
<b>PERMANENT CROPS</b>						
under 0.10	531.31	42.59	8.02	13.24	1.75	13.25
0.10 - 0.50	76.26	20.84	27.32	14.25	4.48	31.43
0.51 - 1.00	-	-	-	-	-	-
1.01 - 2.00	-	-	-	-	-	-
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	607.56	53.10	8.74	27.49	5.46	19.88



**TABLE 7.5** NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1988 E.C.)  
**OROMIYA**

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	173.35	26.93	15.53	8.87	1.12	12.57
0.10 - 0.50	770.58	41.94	5.44	237.34	12.08	5.09
0.51 - 1.00	860.03	37.00	4.30	639.76	28.49	4.45
1.01 - 2.00	911.82	40.33	4.42	1317.35	60.14	4.57
2.01 - 5.00	469.61	38.19	8.13	1309.47	113.17	8.64
5.01 - 10.00	25.41	6.60	25.99	155.15	41.75	26.91
10.01 & over	**	**	**	**	**	**
Total	3211.27	54.81	1.71	3673.65	134.16	3.65
<b>PERMANENT CROPS</b>						
under 0.10	867.62	45.18	5.21	34.55	1.99	5.76
0.10 - 0.50	612.54	16.47	20.31	134.89	11.06	8.20
0.51 - 1.00	81.09	16.47	20.31	56.87	12.42	21.83
1.01 - 2.00	27.20	9.50	34.92	38.43	14.32	37.26
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	1589.05	68.19	4.29	266.08	31.04	11.66

**TABLE 7.6** NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1988 E.C.)  
**SOMALI**

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	8.06	3.26	40.46	0.42	0.15	36.22
0.10 - 0.50	31.40	3.35	10.68	9.80	0.97	9.91
0.51 - 1.00	23.85	3.02	12.67	17.01	2.20	12.91
1.01 - 2.00	10.81	2.34	21.64	13.95	3.02	21.68
2.01 - 5.00	3.84	1.50	39.05	10.13	4.07	40.18
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	77.97	5.75	7.37	51.32	7.45	14.52
<b>PERMANENT CROPS</b>						
under 0.10	10.12	2.26	22.34	0.61	0.13	21.15
0.10 - 0.50	16.35	3.47	21.24	3.58	0.81	22.72
0.51 - 1.00	1.83	0.70	38.21	1.07	0.43	39.87
1.01 - 2.00	-	-	-	-	-	-
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	28.29	5.03	17.78	5.26	1.18	22.40

TABLE 7.7

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND  
SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1988 E.C.)  
BENSHANGUL-GUMEZ

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	1.57	0.47	30.01	0.12	0.04	31.20
0.10 - 0.50	11.57	2.84	24.53	3.25	0.76	23.30
0.51 - 1.00	21.11	2.93	13.90	16.34	2.28	13.95
1.01 - 2.00	32.06	3.77	11.77	44.99	5.21	11.58
2.01 - 5.00	13.41	2.67	19.93	38.24	8.02	20.97
5.01 - 10.00	0.93	0.35	37.10	5.30	1.99	37.48
10.01 & over	**	**	**	**	**	**
Total	80.91	3.34	4.12	112.04	9.19	8.21
<b>PERMANENT CROPS</b>						
under 0.10	25.07	4.16	16.60	0.68	0.13	19.63
0.10 - 0.50	4.15	1.75	42.14	0.79	0.36	45.12
0.51 - 1.00	**	**	**	**	**	**
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	30.04	4.62	15.39	2.12	0.75	35.17

TABLE 7.8

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND  
SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1988 E.C.)  
S.N.N.P.R.

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	472.43	39.01	8.26	20.77	1.67	8.06
0.10 - 0.50	822.69	46.73	5.68	227.79	14.47	6.35
0.51 - 1.00	325.96	25.39	7.79	229.46	18.34	7.99
1.01 - 2.00	150.24	20.54	13.67	202.20	28.58	14.13
2.01 - 5.00	17.12	5.10	29.82	43.92	13.15	29.95
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	1789.15	52.14	2.91	728.48	47.83	6.57
<b>PERMANENT CROPS</b>						
under 0.10	840.03	41.34	4.92	43.32	2.14	4.95
0.10 - 0.50	880.24	48.80	5.54	183.87	12.32	6.70
0.51 - 1.00	54.77	10.58	19.32	35.95	6.95	19.32
1.01 - 2.00	6.70	2.09	31.12	10.44	3.36	32.15
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	**	**	**	**	**	**
Total	1783.13	52.63	2.95	286.63	20.54	7.17

**TABLE 7.9** NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1988 E.C.)  
**GAMBELA**

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	0.97	0.18	18.32	0.04	0.01	19.38
0.10 - 0.50	4.20	0.43	10.32	1.16	0.13	11.16
0.51 - 1.00	2.70	0.49	18.24	1.95	0.36	18.21
1.01 - 2.00	1.06	0.26	24.49	1.44	0.37	25.34
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	**	**	**	**	**	**
10.01 & over	-	-	-	-	-	-
Total	9.29	0.82	8.85	5.70	0.97	16.97
<b>PERMANENT CROPS</b>						
under 0.10	2.53	0.46	18.18	0.10	0.02	18.06
0.10 - 0.50	1.79	0.47	26.19	0.43	0.12	28.94
0.51 - 1.00	0.31	0.14	45.31	0.22	0.10	46.51
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	**	**	**	**	**	**
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	4.70	0.85	18.03	0.87	0.26	30.37

**TABLE 7.10** NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION, 1996/97 (1988 E.C.)  
**HARARI**

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	1.19	0.32	27.29	0.07	0.02	25.95
0.10 - 0.50	6.08	0.44	7.23	1.80	0.13	7.49
0.51 - 1.00	3.23	0.30	9.44	2.34	0.23	9.93
1.01 - 2.00	1.09	0.24	21.93	1.43	0.32	22.24
2.01 - 5.00	0.16	0.08	48.41	0.46	0.21	46.45
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	11.74	0.36	3.02	6.10	0.51	8.33
<b>PERMANENT CROPS</b>						
under 0.10	4.80	0.44	9.21	0.26	0.02	8.82
0.10 - 0.50	5.28	0.45	8.49	1.17	0.13	10.71
0.51 - 1.00	0.48	0.11	24.20	0.30	0.07	24.41
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	10.58	0.46	4.34	1.76	0.18	10.05

TABLE 7.11

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND  
SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1988 E.C.)  
ADDIS ABABA

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V.	( '000 HA)	S.E.	C.V.
<b>TEMPORARY CROPS</b>						
under 0.10	0.16	0.04	23.59	0.01	0.00	25.32
0.10 - 0.50	0.53	0.07	14.07	0.16	0.03	15.25
0.51 - 1.00	0.62	0.08	13.77	0.46	0.07	14.11
1.01 - 2.00	1.28	0.11	8.48	1.88	0.15	8.14
2.01 - 5.00	1.55	0.17	10.81	4.85	0.53	10.96
5.01 - 10.00	0.35	0.08	23.04	2.29	0.54	23.65
10.01 & over	**	**	**	**	**	**
Total	4.51	0.26	5.72	9.75	0.92	9.47
<b>PERMANENT CROPS</b>						
under 0.10	-	-	-	-	-	-
0.10 - 0.50	-	-	-	-	-	-
0.51 - 1.00	-	-	-	-	-	-
1.01 - 2.00	-	-	-	-	-	-
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	-	-	-	-	-	-

TABLE 7.12

NUMBER OF HOUSEHOLDS, TOTAL CROP LAND AREA BY TYPE OF HOLDING AND  
SIZE OF HOLDING, THEIR STANDARD ERROR AND COEFFICIENT OF VARIATION,  
1996/97 (1988 E.C.)  
DIRE DAWA

AREA GROUP	NUMBER OF HOUSEHOLDS			CROP AREA		
	ESTIMATE ( '000)	S.E. ( '000)	C.V. (%)	ESTIMATE ( '000 HA)	S.E. ( '000)	C.V. (%)
<b>TEMPORARY CROPS</b>						
under 0.10	0.79	0.18	22.85	0.05	0.01	21.36
0.10 - 0.50	6.78	0.52	7.71	2.05	0.16	7.65
0.51 - 1.00	3.17	0.39	12.28	2.22	0.28	12.47
1.01 - 2.00	0.96	0.17	17.65	1.20	0.21	17.76
2.01 - 5.00	0.10	0.05	49.52	**	**	**
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	11.80	0.65	5.53	5.75	0.47	8.22
<b>PERMANENT CROPS</b>						
under 0.10	2.76	0.55	19.93	0.14	0.03	18.15
0.10 - 0.50	1.83	0.32	17.56	0.35	0.07	19.68
0.51 - 1.00	**	**	**	**	**	**
1.01 - 2.00	**	**	**	**	**	**
2.01 - 5.00	-	-	-	-	-	-
5.01 - 10.00	-	-	-	-	-	-
10.01 & over	-	-	-	-	-	-
Total	4.69	0.70	15.02	0.56	0.09	16.61

