

## **CHAPTER IV**

### **LAND UTILIZATION**

#### **1. INTRODUCTION**

From agricultural point of view, land is an indispensable factor for production of crops, raising of livestock and other ancillary agricultural activities. The proper utilization of land holdings under different components will contribute to the development of the nation's agricultural products. In order to scrutinize this development as well as farmers' attitude towards land use practices, a timely and comprehensive land use data has paramount importance for governmental, non-governmental and private sector data users. According to the international recommendations for Agricultural Census, the total land use is categorized into five main land use types, which are land under temporary crops, land under permanent crops, grazing land, fallow land, woodland and land for other purposes. Based on these major land use categories, the 2001/02 (1994 E.C.) Ethiopian Agricultural Sample Enumeration (EASE) provides quantitative information on land utilization at Regional, Zonal and Wereda levels.

The 2001/02(1994 E.C.) EASE covered all land holdings i.e., rural and urban holdings. In urban areas, size of land holdings was restricted to only cropland area and urban agricultural households were required to have a minimum size of 250 square meters in order to be covered in the census. On the other hand, in the rural areas land use data were collected without any size limitation of land holdings.

The coverage of land use data items in rural private holdings included all the categories of land used. However, in urban private holdings, the coverage of land use data item is limited to cropland area, which includes land under temporary and permanent crops. To have consistent and comparable land use information, a standard concepts and definitions were applied for the aforementioned data items.

In the 2001/02 EASE, a number of land use data was collected based on objective and subjective methods of enumeration. That is, in rural private holdings land area was obtained by forwarding relevant questions on size of land to the holder and by objective area

measurement using compass, measuring tape and programmable calculator. On the other hand, in urban private holdings data on land area was collected subjectively by interviewing the holder /responsible operator/ in standard or metric units (in some cases, local measuring units were reported).

This chapter deals with the data on land holding for rural and urban private holdings on land use findings from the results of the agricultural census for Dire Dawa Region. It covers data on farm holdings by type and size of land holdings; population in agricultural households both in rural and urban areas of private holding that are disaggregated by size of land holdings; land area and fragmentation by type of land use and size of holding; cropland area by crop categories and finally it treats data on area under land tenure systems.

Furthermore, since Dire Dawa is a small region without zone and wereda, tables providing different regional results are presented in statistical Tables 4.1-4.7. Moreover, estimates, standard errors (SE) and coefficient of variations (CV) are given in Annex Tables 4.1-4.4.2 for some variables.

## **2. FARM HOLDINGS BY TYPE AND SIZE OF LAND HOLDINGS**

Farm holding is referred to all land or livestock holdings, which are mainly used for both crop and livestock production. Depending on the type of activities, an agricultural holder is engaged with farm holding has been categorized into three groups. These are “crop only” (crop production), “livestock only” and ” both crop and livestock” (the production of both crop and livestock). All three types of holdings are practiced in both rural and urban private holdings. Furthermore, the total area of land holdings under different uses is classified into seven-area size of holdings in hectare. The classification is given as follows:

- i- Under 0.10 hectare
- ii- 0.10-0.50 hectare
- iii- 0.51-1.00 hectare
- iv- 1.01-2.00 hectares
- v- 2.01-5.00 hectares
- vi- 5.01-10.00 hectares

vii- Above 10 hectares

Hence, the number of agricultural holders is disaggregated by type and previous size of land holdings. From this point of view, one can realize that the total number of farm holdings within a given size of land holding is equal in magnitude with the corresponding reported number of agricultural holders.

The total number of agricultural holders that are involved in all types of farm-holding activities and the reported land use of Dire Dawa Region was estimated to be about 15,902. Out of the total holders those who are engaged in crop production, livestock, and both crop and livestock productions were estimated to be about 740 (4.7%), 1,202 (7.6%) and 13,960 (87.8%) respectively. In general, most of agricultural holders (40.2%) had a total size of land holdings that ranges from 0.10 to 0.50 hectare and followed by 31.5% of the total holders with area size of holding that fall between 0.51 and 1.00 hectare. Moreover, with regard to type of farm activities, holders that are engaged in “crop only”, “livestock only” and “both crop and livestock production” are reported to have land holdings that ranges from 0.1 to 0.5 hectare (63.4% for “crop only”), less than 0.1 hectare (100% for “livestock only” and 0.1 to 0.5 hectare (42.4% for mixed crop and livestock production), respectively (See Summary Table IV.1 and Figure IV.1).

In rural areas of Dire Dawa Region, the total number of agricultural holders was estimated to be 15,275 (96.1%) and this total is composed of holders producing crop production (4.1%), livestock (7.9%) and holders that are engaged in mixed crop and livestock production (88.0%). In general, the majority of agricultural holders (39.0%) had a total size of land holdings that ranges from 0.10 to 0.50 hectare, followed by size of land holdings that fall within 0.51 to 1.00 hectare (32.4%). Similarly, agricultural holders that are involved in crop, livestock, and mixed crop and livestock production are estimated to have an area size of holdings that ranges from 0.10 to 0.50 hectare (63.5% “crop only”), under 0.1 hectare (100% “livestock Only”) and 0.10 to 0.50 hectare (41.3% “crop and livestock production”), respectively (For details refer to Summary Table IV.1).

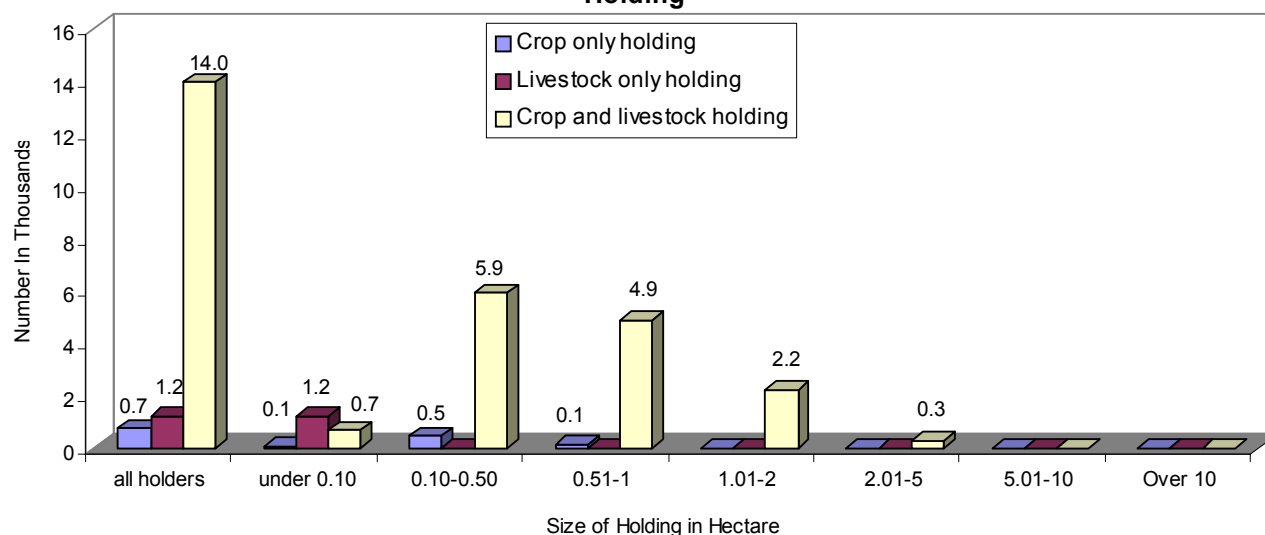
On the other hand, in urban areas of the Dire Dawa Region, the type of land use considered during the census were only crop field i.e., temporary and permanent crops. Thus, the census result indicates that 628 agricultural holders (4.0%) are reported in the urban areas of the region. Of this total, 17.5 percent are only crop growing holders while the remaining 82.5 percent are practicing mixed farming (i.e., both crop and livestock production). Most of the holders (69.4%) in the urban areas had a land holding that is between 0.1 and 0.5 hectare. Among the total 110 (17.5%) crop-producing holders, 62.7% were holders with a holding size of 0.10 to 0.50 hectare, followed by those with under 0.1 hectare (30.9%). Furthermore, among holders with mixed crop and livestock production, the highest number is reported with holding size 0.1 to 0.50 hectare (70.9%) followed by holding size below 0.1 hectare (15.6%). See Summary Table IV.1.

**Summary Table IV.1 Distribution Of Agricultural Holders By Type And Size Of Holdings Rural And Urban Areas, For Private Holdings**

Items	All Holders	Size of holding in hectare						
		Under 0.1	0.1-0.50	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10	over 10
<b>RURAL + URBAN</b>								
All holders .....	15902	1945	6390	5009	2282	276	0	0
Percent..	100	12.2	40.2	31.5	14.4	1.7	0.0	0.0
Crop only holding .....	740	77	469	143	*	0	0	0
Percent..	4.7	10.4	63.4	19.3	*	0.0	0.0	0.0
Livestock only holding .....	1202	1202	0	0	0	0	0	0
Percent..	7.6	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Crop and livestock holding .....	13960	667	5921	4866	2230	276	0	0
Percent..	87.8	4.8	42.4	34.9	16.0	2.0	0.0	0.0
<b>RURAL</b>								
All holders .....	15275	1831	5954	4956	2258	276	0	0
Percent..	96.1	12.0	39.0	32.4	14.8	1.8	0.0	0.0
Crop only holding .....	630	*	400	138	*	0	0	0
Percent..	4.1	*	63.5	21.9	*	0.0	0.0	0.0
Livestock only holding .....	1202	1202	0	0	0	0	0	0
Percent..	7.9	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Crop and livestock holding .....	13442	586	5554	4817	2209	276	0	0
Percent..	88.0	4.4	41.3	35.8	16.4	2.1	0.0	0.0
<b>URBAN</b>								
All holders .....	628	115	436	53	24	0	0	0
Percent..	4.0	18.3	69.4	8.4	3.8	0.0	0.0	0.0
Crop only holding .....	110	34	69	*	*	0	0	0
Percent..	17.5	30.9	62.7	*	*	0.0	0.0	0.0
Crop and livestock holding .....	518	81	367	49	20	0	0	0
Percent..	82.5	15.6	70.9	9.5	3.9	0.0	0.0	0.0

**Note:** Those holders with “Livestock only” reported land holding that might include grazing, woodland or land for other purposes.

**Figure IV.1: Distribution Of Agricultural Holders By Type And Size of Holdings, For private Holding**



### **3. POPULATION IN AGRICULTURAL HOUSEHOLDS AND SIZE OF LAND HOLDING**

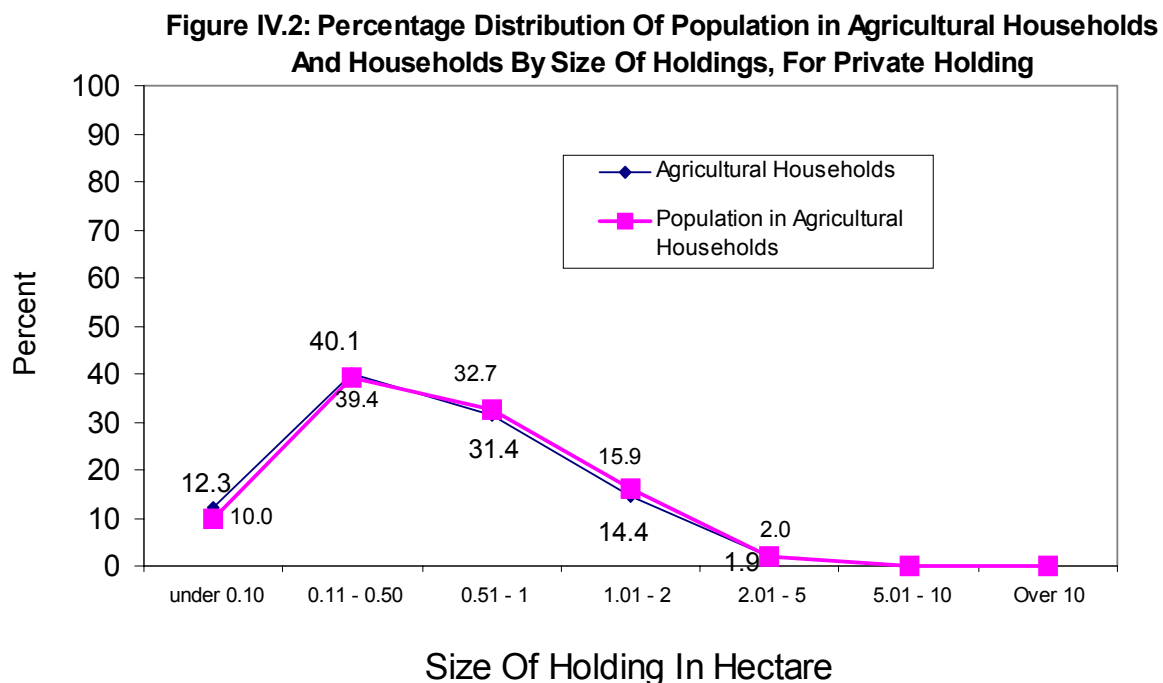
The census data shows that the total population in agricultural households that depend on agricultural holdings are estimated and classified by area size of holdings. However, the total area size of holdings that are associated with agricultural households does not necessarily indicate the owner of the land, since the total land holding might include other land tenure systems at the time of enumeration.

The population in agricultural households is composed of agricultural and non-agricultural holders residing within the agricultural households. As the data in Summary Table IV.2 depicts, the total population in agricultural households in the region were estimated to be about 83,542. The results also indicate that out of the total population in agricultural households, 15,902 were agricultural holders found in 15,838 agricultural households that have reported land holding. As shown in Summary Table IV.2, about 40.1% of agricultural households reported to have an estimated land area size between 0.10 and 0.50 hectare. This is followed by 31.4% of agricultural households who reported to have an area size ranging from 0.51 to 1.00 hectare and about 14.4% to have a land area size that fall between 1.01 to 2.00 hectares. The data also indicated that the average household size for the region was

estimated to be 5.27 persons or 527 members per 100 agricultural households. Furthermore, the largest average household size (5.84 persons) was reported for those households with an average area size of holding of 1.01 to 2.00 hectares. The result shows that there is a general trend of increase in average household size with an increase in land holdings (See Summary Table IV.2 and Figure IV.2).

In the rural areas of the region, the total (79,904) population is reported to be in 15,210 agricultural households. About 38.9 percent of the agricultural households are operating on the land area size that ranges from 0.10 to 0.50 hectare. A very small numbers of households (2.0%) are reported to operate on an average land holding of over 2.0 hectares. As can be observed in Summary Table IV.2, here also there is a general trend that as the land area size increases the average household size also increases. Also the average household size in the rural area is estimated to be 5.25 persons.

The contribution of urban areas to the total agricultural households and population in agricultural households is estimated to be 4.0% and 4.4%, respectively. Compared to the rural area, relatively larger numbers of urban agricultural households (about 18.3%) are reported to operate on land area size of below 0.1 hectare. Furthermore, the average household size of urban area is 5.79 persons which is higher than that reported in the rural areas (See Summary Table IV.2).



**Summary Table IV.2: Distribution Of Population In Agricultural Households And Agricultural Households By Size Of Holdings In Rural And Urban Areas, For Private Holdings**

Items	Size of Holding (Hectares)							
	All Holdings	Under 0.1	0.10-0.50	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	over 10
<b>RURAL + URBAN</b>								
Agricultural households.....	15838	1945	6349	4965	2280	299	0	0
Percent..	100	12.3	40.1	31.4	14.4	1.9	0.0	0.0
Population in Agricultural Households	83542	8330	32941	27300	13313	1658	0	0
Percent..	100	10.0	39.4	32.7	15.9	2.0	0.0	0.0
Average members per household....	5.27	4.28	5.19	5.50	5.84	5.55	-	-
<b>RURAL</b>								
Agricultural households.....	15210	1831	5913	4912	2256	299	0	0
Percent..	96.0	12.0	38.9	32.3	14.8	2.0	0.0	0.0
Population in Agricultural Households	79904	7707	30462	26912	13166	1658	0	0
Percent..	95.7	9.7	38.1	33.7	16.5	2.1	0.0	0.0
Average members per household....	5.25	4.21	5.15	5.48	5.84	5.55	-	-
<b>URBAN</b>								
Agricultural households.....	628	115	436	53	24	0	0	0
Percent..	4.0	18.3	69.4	8.4	3.8	0.0	0.0	0.0
Population in Agricultural Households	3638	623	2480	388	147	0	0	0
Percent..	4.4	17.1	68.2	10.7	4.0	0.0	0.0	0.0
Average members per household....	5.79	5.42	5.69	7.32	6.13	-	-	-

**Note:** *In the urban areas, the number of agricultural households, holders and all members presented in Chapter III are considered as agricultural households whether they have or do not have land holdings. Whereas in this chapter the number of agricultural households are those who reported to have land holdings. Due to this reason estimate of agricultural households, holders and all members are slightly different in these two chapters.*

#### **4. LAND AREA AND FRAGMENTATION BY TYPE OF LAND USE AND SIZE OF HOLDING**

Land area is referred to area under all private holdings. In general, the total area of a holding consists of land in the following classifications:

- i. Agricultural land (that includes land under temporary as well as permanent crops, fallow land and grazing land)
- ii. Woodland or forest

- iii. All other land that is, unused and undeveloped potentially productive land, homestead, etc.

On the other hand, land fragmentation is the breaking down of land holdings into parts with some distance apart from one another. Land fragmentation is measured by the number of parcels that are reported in the total land holdings of a holder. In general, a parcel of a holding is any pieces of land entirely surrounded by other land, water, road, forest or other boundaries that are not part of the holding.

#### **4.1. Land Area By Type Of Land Use**

As presented in Summary Table IV.3, the total land holding area under different land uses was estimated to be about 9,192 hectares, in the region. This area is composed of 97.9% of the rural holdings and 2.1% of the urban holdings. Of this land, area under temporary crop accounted for 6,931 hectares (75.4%); land under permanent crops estimated to be 997 hectares (10.9%); grazing land amount to be 559 hectares (6.1%); fallow land is reported to be 439 hectares (4.8%) and land for other uses is estimated to be 264 hectares (2.9%). The result for woodland is unreliable, hence, not stated here.

The census result indicated that out of the total estimated holders (15,902) almost all (15,203) used their holding for other land purpose. Which is followed by 14,636 holders who had used their holding to cultivate temporary crops. It was also reported that 9,829 holders used their land for cultivating permanent crops and 3,449 holders left their land as fallow during the census year. On the other hand, number of holders reported grazing land account for about 2,782. Reported figure for woodland is not reliable. In general, the regional average size of land holding per holder was estimated to be 0.58 hectare. The result also shows that the highest average size of land holding area per holder is ascribed for the cultivation of temporary crops that was estimated as 0.47 hectare and followed by grazing land, which is about 0.2 hectare. (For details, refer to Summary Table IV.3 and Figure IV.3).

In rural private holdings, the total land area under different land uses was estimated to be 9,002 hectares contributing 97.9% to the regional total land area. Out of this total land area, the highest (75.3%) and lowest (2.9%) proportion of areas were used for cultivating



temporary crops and for other land use, respectively. The average size of land holding was estimated to be 0.59 hectare per holder. Moreover, the highest average size of land holding per holder was reported as area under temporary crops (0.48 hectare), followed by land under grazing, which is about 0.2 hectare (See Summary Table IV.3).

**Summary Table IV.3. Distribution of Area and Holders by Type of Land Use in Rural And Urban Areas, For Private Holdings**

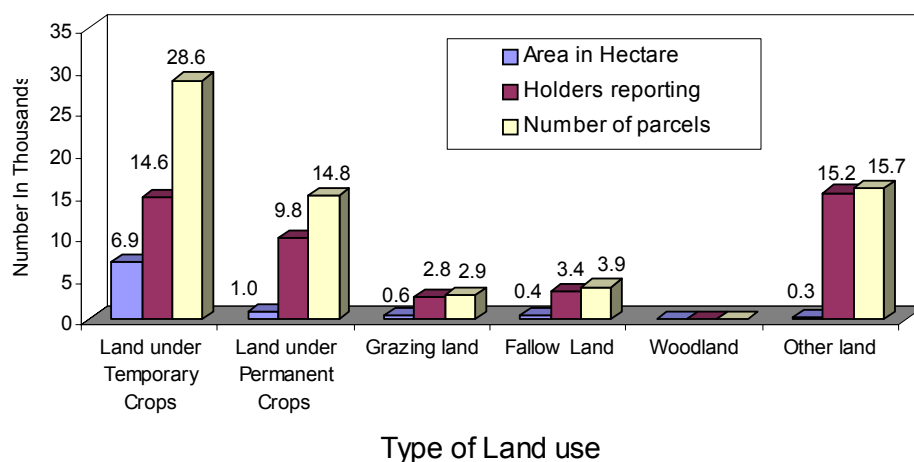
Items	Land Area Under						
	Total Number	Temporary Crops	Permanent Crops	Grazing	Fallow Land	Woodland	Other Land
<b>RURAL + URBAN</b>							
Area in hectares (ha).....	9192	6931	997	559	439	*	264
Percent..	100	75.4	10.9	6.1	4.8	*	2.9
All parcels .....	45553	28633	14793	2873	3893	*	15725
Holders reporting .....	15902	14638	9829	2782	3449	*	15203
Average area per holder (ha).....	0.58	0.47	0.1	0.2	0.13	*	0.02
Average parcels per holder.....	3	2	2	1	1	*	1
Average area per parcel (ha) .....	0.2	0.24	0.07	0.19	0.11	*	0.02
<b>RURAL</b>							
Area in hectares (ha).....	9002	6780	957	559	439	*	264
Percent..	97.9	75.3	10.6	6.2	4.9	*	2.9
All parcels .....	44787	28022	14587	2873	3893	*	15725
Holders reporting .....	15275	14051	9643	2782	3449	*	15203
Average area per holder (ha).....	0.59	0.48	0.1	0.2	0.13	*	0.02
Average parcels per holder.....	3	2	2	1	1	*	1
Average area per parcel (ha) .....	0.2	0.24	0.07	0.19	0.11	*	0.02
<b>URBAN</b>							
Area in hectares (ha).....	190	151	40				
Percent..	2.1	79.5	21.1				
All parcels .....	766	611	206				
Holders reporting .....	628	588	186				
Average area per holder (ha).....	0.3	0.26	0.22				
Average parcels per holder.....	1	1	1				
Average area per parcel (ha) .....	0.25	0.25	0.19				

**Note:** The number of holders and parcels that reported under land use classification are not mutually exclusive.

On the other hand, in urban private holdings, the total land area under both temporary and permanent crops was estimated to be 190 hectares contributing 2.1% to the regional total land area. Out of which temporary crops accounted for 151 (79.5%) hectares and permanent crops accounted for only 40 (21.1%) hectares. From the census data one can observe that the majority of urban holders in Dire Dawa region tend to use most of their land for growing temporary crops (588), which is followed by permanent crops (186). In general, the average size of land area per holder was estimated to be 0.3 hectare. With regards to

temporary and permanent crops, average size of land holding per holder was estimated to be 0.26 hectare and 0.22 hectare, respectively (See Summary Table IV.3).

**Figure IV.3: Distribution of Area, Holders and Parcels by Type of Land use, For Private Holdings**



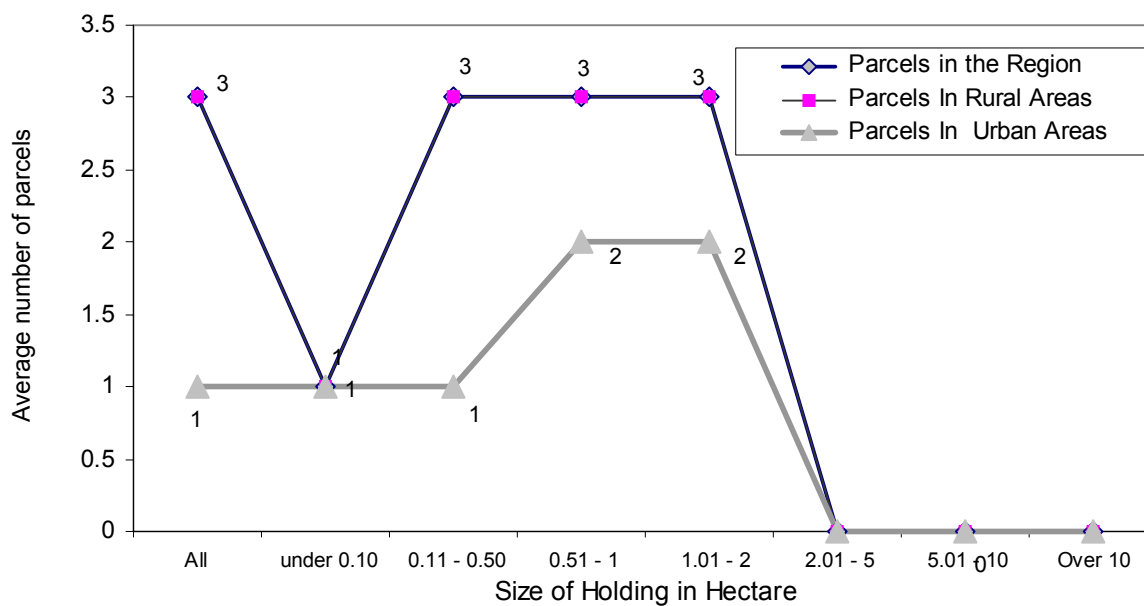
#### 4.2. Land Fragmentation By Size Of Holding

Providing information on land fragmentation is important to show how farmers waste their valuable working time, energy and other resources when the number of parcels are many and very far apart from one another. Taking this into consideration in the 2001/2002 EASE, data on number of parcels was collected for private holding in rural and urban areas of the region. Accordingly, the census result indicates that 45,553 parcels were estimated under the total land holdings in the region, which constituted 98.3% of rural holdings and 1.3% of urban holdings. Of this total parcels, the highest and smallest number of parcels or fragmentation of land are reported in area size of holding 0.1 to 0.50 hectare (40.7%) and over 5 hectares (0.0%), respectively. Generally, temporary and permanent crops were cultivated on 28,633 parcels and 14,793 parcels, respectively. Moreover, except the result of woodland that is unreliable, grazing land, fallow land, and land for other purpose were found on 2,873 parcels, 3,893 parcels, and 15,725 parcels, respectively. However, the number of parcels reported by land use categories is not mutually exclusive. The average size of land area per parcel and average number of parcels per holder were estimated to be about 0.2 hectare and three parcels, respectively (See Summary Table IV.3, Summary Table IV.4 and Figure IV.4).

**Summary Table IV.4. Distribution Of Parcels By Size Of Holdings In Rural And Urban Areas, For Private Holdings**

Items	All Number	Size of holding in hectare						
		Under 0.1	0.1-0.50	0.51-1.00	1.01-2.00	2.01-5.0	5.01-10	over 10
<b>RURAL + URBAN</b>								
All parcels .....	45553	2731	18560	16011	7283	*	0	0
Percent..	100	6.0	40.7	35.2	16.0	*	0.0	0.0
All holders.....	15902	1945	6390	5009	2282	276	0	0
All area in hectare .....	9192	59	1923	3546	3001	663	0	0
Average parcels per holder .....	3	1	3	3	3	*	-	-
Average area per parcels .....	0.2	0.02	0.1	0.22	0.41	*	-	-
<b>RURAL</b>								
All parcels .....	44787	2614	18046	15924	7236	*	0	0
Percent..	98.3	5.8	40.3	35.6	16.2	*	0.0	0.0
All holders.....	15275	1831	5954	4956	2258	276	0	0
All area in hectare .....	9002	54	1808	3508	2969	663	0	0
Average parcels per holder .....	3	1	3	3	3	*	-	-
Average area per parcels.....	0.2	0.02	0.1	0.22	0.41	*	-	-
<b>URBAN</b>								
All parcels .....	766	116	515	87	47	0	0	0
Percent..	1.7	15.1	67.2	11.4	6.1	0.0	0.0	0.0
All holders.....	628	115	436	53	24	0	0	0
All area in hectare .....	190	5	115	37	32	0	0	0
Average parcels per holder .....	1	1	1	2	2	-	-	-
Average area per parcels.....	0.25	0.04	0.22	0.43	0.68	-	-	-

**Figure IV.4: Average Number Of Parcels By Size Of Holdings In Rural And Urban Areas, For Private Holdings**



In rural areas, the average number of parcels per holder was estimated at 3 parcels and the average area per parcel was 0.2 hectare. On the other hand, in urban areas, the extent of

land fragmentation is estimated and the average number of parcels per holder is found to be one while the average size of land area per parcel is 0.25 hectare. For details refer to Summary Table IV.4.

## **5. CROPLAND AREA BY CROP CATEGORIES**

The 2001/02 (1994 E.C.) Agricultural Sample Enumeration covered the area under temporary and permanent crops in Meher/main and Belg seasons. In general, cropland area is described as part of the total land area, which comprises land under temporary and permanent crops.

### **5.1. Cropland Area Under Meher/Main Season**

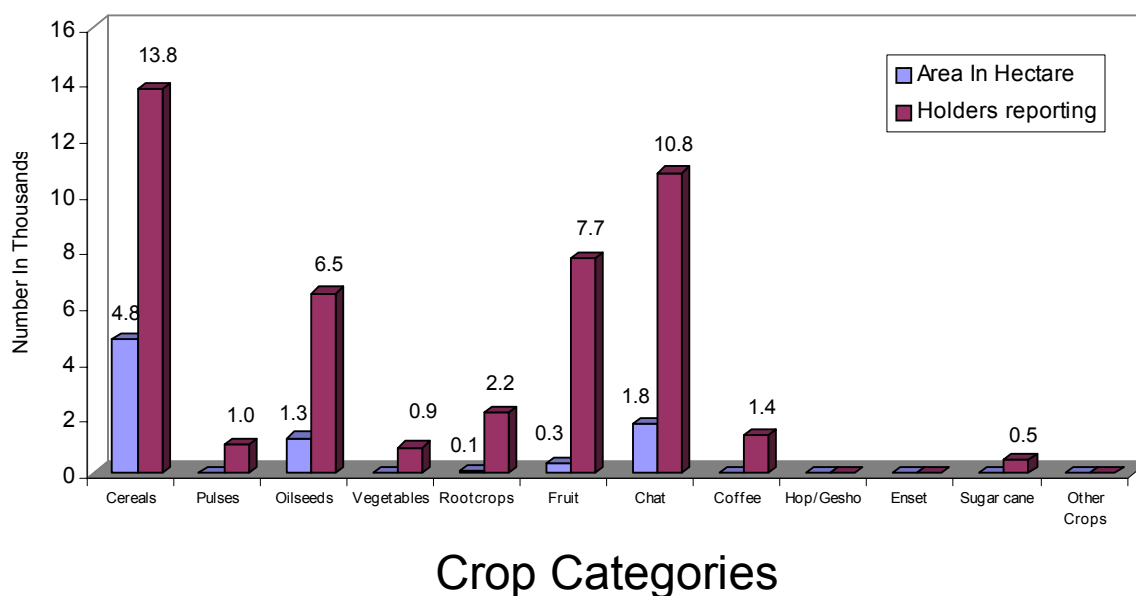
The data in Summary Table IV.5 illustrates that the total cropland area for Meher/ main season in the region was estimated to be 7,928 hectares, which consisted of 97.6% in rural and 2.4% in urban areas of private holdings. Out of the total cropland, area under temporary crops accounted to 87.4% and the remaining was the share of permanent crops. Considering the area under temporary crops, cereals, followed by pulses, which accounted for 94.9% and 2.9%, respectively, covered the highest proportions. Of all the area under permanent crops, chat took the largest area, which account for 753 hectares (75.5%) and the smallest was all permanent crops other than fruit, chat and coffee, contributing no hectares of area. Among the total holders in the region who grows temporary crops (14,638) the largest number of holders (14,611) was cultivating cereals followed by holders (3,143) producing pulses. Similarly, among all holders (9,829) that are involved in growing permanent crops, the highest number (7,813) are growing chat while no holders reported as cultivating crops other than fruit, chat and coffee. The overall average cropland area per holder in the region was estimated to be 0.54 hectare while area under temporary and permanent was estimated to be 0.47 hectare and 0.1 hectare, respectively. (See Summary Table IV.5 and Figure IV.5).

In rural areas, temporary and permanent crops contribute about 87.6% and 12.4%, for private holdings, respectively. Out of the total area under temporary crops, the largest cultivated area was under cereal crops, followed by pulses, which contribute about 6,426 hectares (94.8%) and 204 hectares (3.0%), respectively. The number of holders producing

these crops was estimated to be about 14,032 and 3,143 with corresponding average size of land area per holder of about 0.46 hectare and 0.06 hectare, respectively. (For details, refer to Summary Table IV.5).

In urban areas, the total cropland area is estimated to be 190 hectares, of which temporary crops and permanent crops accounted for 79.5% and 21.1%, for private holdings, respectively. Considering the total areas under temporary crops, cereals accounted for 149 hectares (98.7%) and the corresponding holders that cultivated cereal crops are estimated to be 579. Among land under permanent crops, fruit crops took the highest cultivated area i.e., 38 hectares (95.0%) and operated by 176 holders. Like the rural areas, holders in urban area did not have Enset, Hops and other permanent crops (See Summary Table IV.5).

**Figure IV.5: Distribution of Cropland Area And Holders By Crop Categories For Private Holdings, Meher Season**



**Summary Table IV.5. Distribution Of Cropland Area And Holders By Crop Categories In Rural And Urban Areas, For Private Holdings**

Crop Categories	Area in Hectare		Holders Reporting	Average Area per Holder(in Hectare)
	Number	Percent		
<b>RURAL + URBAN</b>				
<b>All cropland .....</b>	7928		14701	0.54
<b>All temporary crops .....</b>	6931	100.0	14638	0.47
Cereals .....	6575	94.9	14611	0.45
Pulses .....	204	2.9	3143	0.06
Oilseeds .....	34	0.5	439	0.08
Vegetables .....	31	0.5	1258	0.02
Root crops .....	86	1.2	2675	0.03
Other temporary .....	*	*	*	*
<b>All permanent crops.....</b>	997	100.0	9829	0.10
Fruit crops .....	182	18.3	4312	0.04
Chat .....	753	75.5	7813	0.10
Coffee .....	62	6.2	2444	0.03
Hops (Gesho) .....	0	0.0	0	-
Enset .....	0	0.0	0	-
Sugar cane .....	0	0.0	0	-
Other permanent.....	0	0.0	0	-
<b>RURAL</b>				
<b>All cropland .....</b>	7737		14073	0.55
<b>All temporary crops .....</b>	6780	100.0	14051	0.48
Cereals .....	6426	94.8	14032	0.46
Pulses .....	204	3.0	3143	0.06
Oilseeds .....	34	0.5	439	0.08
Vegetables .....	30	0.4	1247	0.02
Root crops .....	85	1.3	2669	0.03
Other temporary .....	*	*	*	*
<b>All permanent crops.....</b>	957	12.4	9643	0.10
Fruit crops .....	144	100.0	4136	0.03
Chat .....	752	78.6	7802	0.10
Coffee .....	61	6.4	2436	0.03
Hops (Gesho) .....	0	0.0	0	-
Enset .....	0	0.0	0	-
Sugar cane .....	0	0.0	0	-
Other permanent.....	0	0.0	0	-
<b>URBAN</b>				
<b>All cropland .....</b>	190		628	0.30
<b>All temporary crops .....</b>	151	100.0	588	0.26
Cereals .....	149	98.7	579	0.26
Pulses .....	0	0.0	0	-
Oilseeds .....	0	0.0	0	-
Vegetables .....	*	*	11	*
Root crops .....	*	*	*	*
Other temporary .....	0	0.0	0	-
<b>All permanent crops.....</b>	40	100.0	186	0.22
Fruit crops .....	38	95.0	176	0.22
Chat .....	*	*	*	*
Coffee .....	*	*	*	*
Hops(Gesho) .....	0	0.0	0	-
Enset .....	0	0.0	0	-
Sugar cane .....	0	0.0	0	-
Other permanent.....	0	0.0	0	-

*Note: Holders that reported by crop categories are not mutually exclusive.*

## 5.2. Cropland Area Under Belg Season

The census result indicated that in the rural private holdings about 385 hectares of land was cultivated under temporary crops during Belg season and the estimated total number of holders practicing Belg season crops were found to be 4,737. Of the total temporary cropland area, cereals took the highest share of the cultivated area (66.8%). The overall average area per holder during Belg season was estimated at 0.08 hectare (See Summary Table IV.6).

**Summary Table IV.6: Area Under Crop Categories And Number Of Holders- Belg season**

Type of Crop Categories	Area in Hectare		Holders reporting	Average area per holder
	Number	%		
<b>RURAL</b>				
All temporary crops	385	100.0	4737	0.08
Cereals	257	66.8	3521	0.07
Pulses	*	*	*	*
Oilseeds	0	0.0	0	-
Vegetables	54	14.0	1487	0.04
Root crops	75	19.5	1936	0.04
Other temporary crops	0	0.0	0	-

***Note:** Data users should not attempt to sum up cropland area under Belg season to the total land use area since the Belg season cropland area is part of the total land use area. However, providing Belg season information in this section is to show only how the holders shift the Meher/main season cropland area, fallow land and/or any other land into Belg season. On the other hand, data on Belg season crops of the urban area was not covered in the census.*

## 6. AREA UNDER LAND TENURE SYTEMS

Land tenure refers to the arrangements or rights under which the holder uses or owns the land of the holding. In this Agricultural Sample Census, tenure system is classified into three categories. The first is land owned or held in owner like possession having recognition from local government/Kebele; the second is land rented from other person either in cash or proper share of the produce or other rental agreement and the third is land possession in other forms (neither owned nor rented such as land given temporarily to others without any

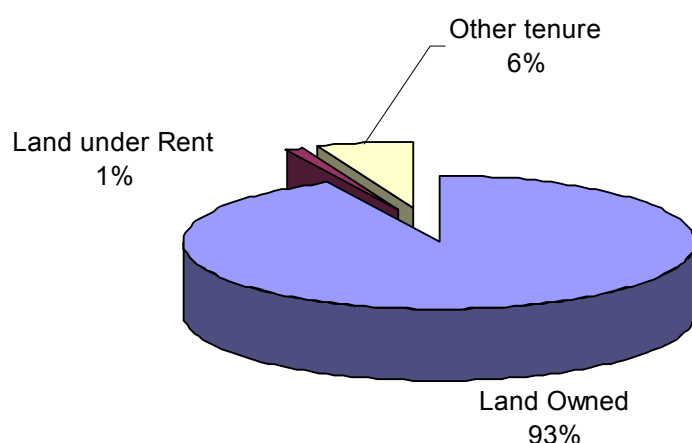
rental agreement or any other means). Based on this concept, data on land tenure systems was collected and the result indicates that, of the total land area (9,192 hectares), land owned by the operators accounted for 8,540 hectares (92.9%) land rented from other person accounted for 92 hectares (1.0%) and land obtained from other system was estimated to be 561 hectares (6.1%) in the region. Of the total holders (15,902) in the region, 15,646 holders owned the land they operated, while 415 holders operated the land by rental agreement and 1,146 holders used the land in other system of tenure. The average size of area per holder by type of tenure is estimated to be 0.55 hectare (for land owned), 0.22 hectare (for rented land) and 0.49 hectare (for other tenure). (Refer Summary Table IV.7 and Figure IV.6).

Similarly in rural private holdings, of the total area (9,002 hectares), most of the land area was accounted to the title of ownership, which is estimated to be 8,355 hectares (92.8%) and operated by 15,044 holders. The average size of land area per holder under land owned, rented and other tenure system is 0.56 hectare 0.22 hectare and 0.49 hectare, respectively (See Summary Table IV.7).

In urban private holdings, the tenure system is more or less similar to the rural except that reliable information could not be given for those who are cultivating their land under rental agreement. The proportion of land owned is 97.4% and that of other tenure system is 2.6%. On the other hand, the average size of land holding by type of tenure is estimated to be about 0.31 hectare and 0.25 hectare per holder for land owned and land under other tenure system, respectively. The average size of owned land area per holder is higher in rural (0.56) than in urban, which is 0.31 (See Summary Table IV.7).



**Figure IV.6: Percentage Distribution Of Total Area By Tenure Systems, For Private Holdings**



**Summary Table IV.7: Distribution of Land Area and Holders by Tenure Systems In Rural And Urban Areas, For Private Holdings**

Items	All Number	Type of Land Tenure Systems		
		Land Owned	Land Rented	Other Tenure
<b>RURAL + URBAN</b>				
All area in hectare .....	9192	8540	92	561
Percent	100	92.9	1.0	6.1
All holder .....	15902	15646	415	1146
Average area per holder .....	0.58	0.55	0.22	0.49
<b>RURAL</b>				
All area in hectare .....	9002	8355	91	556
Percent	97.9	92.8	1.0	6.2
All holder	15275	15044	409	1126
Average area per holder .....	0.59	0.56	0.22	0.49
<b>URBAN</b>				
All area in hectare .....	190	185	*	5
Percent	2.1	97.4	*	2.6
All holder .....	628	602	*	20
Average area per holder .....	0.3	0.31	*	0.25

**Note:** Since holders in each tenure systems are not mutually exclusive, holders that reported different type of land tenure systems should not be summed up to get the total number of holders.

## **4. REGIONAL TABLES**

*TABLE 4.1 - TABLE 4.7*

TABLE 4.1 NUMBERS OF AGRICULTURAL HOLDERS BY TYPE AND SIZE OF HOLDING

## BOTH RURAL AND URBAN HOLDINGS

TYPE OF HOLDING	All Number	Number of holders by size of holdings (In hectares)						
		Under 0.10	0.1 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01 - 10	Over 10
All	15902	1945	6390	5009	2282	276	-	-
Crop Only	740	77	469	143	*	-	-	-
Livestock Only	1202	1202	-	-	-	-	-	-
Crop and Livestock	13960	667	5921	4866	2230	276	-	-

TABLE 4.1.1 RURAL HOLDINGS

TYPE OF HOLDING	All Number	Number of holders by size of holdings (In hectares)						
		Under 0.10	0.1 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01 - 10	Over 10
All	15275	1831	5954	4956	2258	276	-	-
Crop Only	630	*	400	138	*	-	-	-
Livestock Only	1202	1202	-	-	-	-	-	-
Crop and Livestock	13442	586	5554	4817	2209	276	-	-

TABLE 4.1.2 URBAN HOLDINGS

TYPE OF HOLDING	All Number	Number of holders by size of holdings (In hectares)						
		Under 0.10	0.1 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01 - 10	Over 10
All	628	115	436	53	24	-	-	-
Crop Only	110	34	69	*	*	-	-	-
Crop and Livestock	518	81	367	49	20	-	-	-

TABLE 4.2 NUMBERS OF AGRICULTURAL HOUSEHOLD MEMBERS AND AGRICULTURAL HOOUSEHOLDS  
BY SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

Size of Holdings	All		Number of Households				
	Number of Members	Number of Household s	Households with One Member	Households with 2-3 Members	Households with 4-5 Members	Households with 6-9 Members	Households with 10 or More Members
All Holdings .....	83542	15838	332	3365	5355	6075	710
Under 0.10 Hectare .....	8330	1945	185	591	631	522	*
0.10 – 0.50 Hectare .....	32941	6349	*	1382	2192	2471	220
0.51 – 1.00 Hectare .....	27300	4965	*	876	1795	2034	217
1.01 – 2.00 Hectares.....	13313	2280	*	408	701	916	232
2.01 – 5.00 Hectares.....	1658	299	-	*	*	131	*
5.01 – 10.00 Hectares.....	-	-	-	-	-	-	-
Over 10 Hectares.....	-	-	-	-	-	-	-

TABLE 4.2.1 RURAL HOLDINGS

Size of Holdings	All		Number of Households				
	Number of Members	Number of Household s	Households with One Member	Households with 2-3 Members	Households with 4-5 Members	Households with 6-9 Members	Households with 10 or More Members
All Holdings .....	79904	15210	318	3250	5182	5802	659
Under 0.10 Hectare.....	7707	1831	178	578	596	463	*
0.10 – 0.50 Hectare .....	30462	5913	*	1289	2071	2291	186
0.51 – 1.00 Hectare .....	26912	4912	*	870	1781	2014	205
1.01 – 2.00 Hectares.....	13166	2256	*	405	697	903	228
2.01 – 5.00 Hectares.....	1658	299	-	*	*	131	*
5.01 – 10.00 Hectares.....	-	-	-	-	-	-	-
Over 10 Hectares .....	-	-	-	-	-	-	-

TABLE 4.2.2 URBAN HOLDINGS

Size of Holdings	All		Number of Households				
	Number of Members	Number of Household s	Households with One Member	Households with 2-3 Members	Households with 4-5 Members	Households with 6-9 Members	Households with 10 or More Members
All Holdings.....	3638	628	14	116	174	273	51
Under 0.10 Hectare .....	623	115	*	13	36	59	-
0.10 – 0.50 Hectare .....	2480	436	8	92	120	181	35
0.51 – 1.00 Hectare .....	388	53	-	*	14	20	*
1.01 – 2.00 Hectares.....	147	24	-	*	*	13	*
2.01 – 5.00 Hectares.....	-	-	-	-	-	-	-
5.01 – 10.00 Hectares...	-	-	-	-	-	-	-
Over 10 Hectares.....	-	-	-	-	-	-	-

TABLE 4.3. NUMBER OF HOLDERS, AREA OF HOLDING AND NUMBER OF PARCELS BY LAND USE AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

Land Use By Size Of Holdings	Number Of Holders	Holding Area in Hectares	Number Of Parcels
Holdings Of All Sizes			
All	15902	9192	45553
Land Under Temporary Crops	14638	6931	28633
Land Under Permanent Crops	9829	997	14793
Grazing Land	2782	559	2873
Fallow Land	3449	439	3893
Woodland	*	*	*
All Other Land	15203	264	15725
Holdings Under 0.10 Hectares Sizes			
All	1945	59	2731
Land Under Temporary Crops	708	28	867
Land Under Permanent Crops	332	8	455
Grazing Land	*	*	*
Fallow Land	*	*	*
Woodland	-	-	-
All Other Land	1808	19	1814
Holdings Of 0.10-0.50 Hectares Sizes			
All	6390	1923	18560
Land Under Temporary Crops	6369	1551	11808
Land Under Permanent Crops	4180	221	5901
Grazing Land	389	26	389
Fallow Land	838	49	878
Woodland	-	-	-
All Other Land	5928	77	6109
Holdings Of 0.51-1.00 Hectares Sizes			
All	5009	3546	16011
Land Under Temporary Crops	5003	2729	10191
Land Under Permanent Crops	3541	402	5512
Grazing Land	1238	192	1272
Fallow Land	1340	145	1505
Woodland	-	-	-
All Other Land	4956	78	5090
Holdings Of 1.01-2.00 Hectares Sizes			
All	2282	3001	7283
Land Under Temporary Crops	2282	2128	5042
Land Under Permanent Crops	1585	297	2485
Grazing Land	958	306	996
Fallow Land	1005	207	1203
Woodland	*	*	*
All Other Land	2235	62	2414
Holdings Of 2.01-5.00 Hectares Sizes			
All	276	663	*
Land Under Temporary Crops	276	496	725
Land Under Permanent Crops	190	*	*
Grazing Land	*	*	149
Fallow Land	*	*	*
Woodland	*	*	*
All Other Land	276	*	297
Holdings Of 5.01-10.00 Hectares			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-
Grazing Land	-	-	-
Fallow Land	-	-	-
Woodland	-	-	-
All Other Land	-	-	-
Holdings Over 10.00 Hectares			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-
Grazing Land	-	-	-
Fallow Land	-	-	-
Woodland	-	-	-
All Other Land	-	-	-

TABLE 4.3.1 RURAL HOLDINGS

Land Use By Size Of Holdings	Number Of Holders	Holding Area in Hectares	Number Of Parcels
Holdings Of All Sizes			
All	15275	9002	44787
Land Under Temporary Crops	14051	6780	28022
Land Under Permanent Crops	9643	957	14587
Grazing Land	2782	559	2873
Fallow Land	3449	439	3893
Woodland	*	*	*
All Other Land	15203	264	15725
Holdings Under 0.10 Hectares Sizes			
All	1831	54	2614
Land Under Temporary Crops	607	24	765
Land Under Permanent Crops	309	7	433
Grazing Land	*	*	*
Fallow Land	*	*	*
Woodland	-	-	-
All Other Land	1808	19	1814
Holdings Of 0.10-0.50 Hectares Sizes			
All	5954	1808	18046
Land Under Temporary Crops	5954	1454	11389
Land Under Permanent Crops	4057	203	5768
Grazing Land	389	26	389
Fallow Land	838	49	878
Woodland	-	-	-
All Other Land	5928	77	6109
Holdings Of 0.51-1.00 Hectares Sizes			
All	4956	3508	15924
Land Under Temporary Crops	4956	2704	10134
Land Under Permanent Crops	3511	389	5476
Grazing Land	1238	192	1272
Fallow Land	1340	145	1505
Woodland	-	-	-
All Other Land	4956	78	5090
Holdings Of 1.01-2.00 Hectares Sizes			
All	2258	2969	7236
Land Under Temporary Crops	2258	2103	5009
Land Under Permanent Crops	1575	290	2471
Grazing Land	958	306	996
Fallow Land	1005	207	1203
Woodland	*	*	*
All Other Land	2235	62	2414
Holdings Of 2.01-5.00 Hectares Sizes			
All	276	663	*
Land Under Temporary Crops	276	496	725
Land Under Permanent Crops	190	*	*
Grazing Land	*	*	149
Fallow Land	*	*	*
Woodland	*	*	*
All Other Land	276	*	297
Holdings Of 5.01-10.00 Hectares			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-
Grazing Land	-	-	-
Fallow Land	-	-	-
Woodland	-	-	-
All Other Land	-	-	-
Holdings Over 10.00 Hectares			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-
Grazing Land	-	-	-
Fallow Land	-	-	-
Woodland	-	-	-
All Other Land	-	-	-

TABLE 4.3.2 URBAN HOLDINGS

Land Use By Size Of Holdings	Number Of Holders	Holding Area in Hectares	Number Of Parcels
Holdings Of All Sizes			
All	628	190	766
Land Under Temporary Crops	588	151	611
Land Under Permanent Crops	186	40	206
Holdings Under 0.10 Hectares Sizes			
All	115	5	116
Land Under Temporary Crops	102	4	102
Land Under Permanent Crops	23	1	23
Holdings Of 0.10-0.50 Hectares Sizes			
All	436	115	515
Land Under Temporary Crops	415	98	419
Land Under Permanent Crops	124	18	133
Holdings Of 0.51-1.00 Hectares Sizes			
All	53	37	87
Land Under Temporary Crops	47	24	57
Land Under Permanent Crops	30	13	37
Holdings Of 1.01-2.00 Hectares Sizes			
All	24	32	47
Land Under Temporary Crops	24	25	34
Land Under Permanent Crops	10	8	14
Holdings Of 2.01-5.00 Hectares Sizes			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-
Holdings Of 5.01-10.00 Hectares			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-
Holdings Over 10.00 Hectares			
All	-	-	-
Land Under Temporary Crops	-	-	-
Land Under Permanent Crops	-	-	-

BOTH RURAL AND URBAN HOLDINGS

SOUTH RURAL AND URBAN HOLDINGS									
Type of Crop	Number Of Holders Reporting	All Area In Hectare	Area By Size Of Holdings (In Hectare)						
			Under 0.10	0.1 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01 - 10	Over 10
<b>Total Cropland</b>	14701	7928	45	2206	3362	1901	414	-	-
<b>Temporary Crops</b>	14638	6931	35	1948	2940	1646	361	-	-
Grain Crops	14611	6814	32	1892	2897	1632	361	-	-
Cereals	14611	6575	32	1855	2791	1554	344	-	-
Barley	*	*	-	*	*	*	-	-	-
Maize	4740	268	*	104	127	29	-	-	-
Millet	*	*	-	-	*	-	-	-	-
Oats/'Aja'	*	*	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Sorghum	14302	6298	24	1748	2659	1524	344	-	-
Teff	-	-	-	-	-	-	-	-	-
Wheat	*	*	-	*	*	-	-	-	-
Pulses	3143	204	-	29	93	65	*	-	-
Chick Peas	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	-	-	*	*	-	-	-
Field Peas	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Haricot beans	3101	201	-	29	92	64	*	-	-
Horse beans	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-	-
Other Pulses	-	-	-	-	-	-	-	-	-
Oilseeds	439	34	-	*	*	*	*	-	-
Groundnuts	308	25	-	*	*	*	*	-	-
Linseed	-	-	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-	-	-
Rape seed	-	-	-	-	-	-	-	-	-
Sesame	*	*	-	-	*	*	*	-	-
Sunflower	-	-	-	-	-	-	-	-	-
Other Grains	*	*	-	*	*	-	-	-	-
Vegetables	1258	31	*	14	*	*	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Green peppers	*	*	*	*	-	-	-	-	-
Ethiopian	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Tomatoes	1210	30	*	13	*	*	-	-	-
Other vegetables	*	*	-	-	-	-	-	-	-
Root Crops	2675	86	2	43	32	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Garlic	*	*	-	-	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	*	*	-	-
Potatoes	*	*	-	*	*	*	*	-	-
Sweet Potatoes	2208	64	2	33	25	*	-	-	-
Other root	-	-	-	-	-	-	-	-	-
<b>Permanent Crops</b>	9829	997	9	258	422	255	*	-	-
Fruit crops	4312	182	*	59	89	27	*	-	-
Avocados	-	-	-	-	-	-	-	-	-
Bananas	538	6	*	*	*	*	-	-	-
Guavas	762	*	*	*	*	*	-	-	-
Lemons	147	2	*	*	*	*	-	-	-
Mangoes	515	15	*	5	*	*	*	-	-
Oranges	287	17	*	5	7	*	-	-	-
Papayas	2088	45	*	12	23	9	*	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Other fruits	1803	87	*	28	45	10	*	-	-
Stimulant crops	8667	815	5	199	333	228	*	-	-
Chat	7813	753	*	167	314	220	*	-	-
Coffee	2444	62	*	32	20	8	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-	-
Other stimulants	-	-	-	-	-	-	-	-	-
Other permanent	-	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other s	-	-	-	-	-	-	-	-	-



TABLE 4.4.1 RURAL HOLDINGS

Type of Crop	Number Of Holders Reporting	All Area In Hectare	Area By Size Of Holdings (In Hectare)						
			Under 0.10	0.1 - 0.50	0.51 - 1.00	1.01 - 2.00	2.01 - 5.00	5.01 - 10	Over 10
<b>Total Cropland</b>	14073	7737	39	2091	3325	1869	414	-	-
<b>Temporary Crops</b>	14051	6780	31	1851	2916	1621	361	-	-
Grain Crops	14032	6665	28	1795	2873	1607	361	-	-
Cereals	14032	6426	28	1758	2767	1529	344	-	-
Barley	*	*	-	*	*	*	*	-	-
Maize	4690	257	*	102	124	23	-	-	-
Millet	*	*	-	-	*	-	-	-	-
Oats/'Aja'	*	*	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Sorghum	13750	6160	20	1654	2638	1505	344	-	-
Teff	*	*	-	*	*	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Pulses	3143	204	-	29	93	65	*	-	-
Chick Peas	*	*	-	-	-	-	-	-	-
Fenugreek	*	*	-	-	*	*	-	-	-
Field Peas	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Haricot beans	3101	201	-	29	92	64	*	-	-
Horse beans	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-	-
Other Pulses	-	-	-	-	*	*	*	-	-
Oilseeds	439	34	-	*	*	-	*	-	-
Groundnuts	308	25	-	*	*	*	*	-	-
Linseed	-	-	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-	-	-
Rape seed	-	-	-	-	-	-	-	-	-
Sesame	*	*	-	-	*	*	*	-	-
Sufflower	-	-	-	-	-	-	-	-	-
Other Grains	*	*	-	*	*	-	-	-	-
Vegetables	1247	30	*	13	*	*	-	-	-
Head Cabbage	-	-	-	*	-	-	-	-	-
Green peppers	*	*	-	-	-	-	-	-	-
Ethiopian	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Tomatoes	1200	29	*	13	*	*	*	-	-
Other vegetables	*	*	-	-	-	-	-	-	-
Root Crops	2669	85	2	43	31	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Garlic	*	*	-	-	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	*	*	-	-
Potatoes	*	*	-	*	*	*	*	-	-
Sweet Potatoes	2208	64	2	33	25	*	-	-	-
Other root	-	-	-	-	-	-	-	-	-
<b>Permanent Crops</b>	9643	957	8	240	409	248	*	-	-
Fruit crops	4136	144	*	42	77	19	*	-	-
Avocados	-	-	-	-	-	-	-	-	-
Bananas	537	6	*	*	*	*	*	-	-
Guavas	762	*	*	*	*	*	*	-	-
Lemons	142	*	-	*	-	-	-	-	-
Mangoes	465	9	-	*	*	*	*	-	-
Oranges	189	*	-	*	*	*	*	-	-
Papayas	2066	43	*	11	22	9	*	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Other fruits	1687	72	*	*	39	7	*	-	-
Stimulant crops	8653	813	5	198	332	228	*	-	-
Chat	7802	752	-	167	313	220	-	-	-
Coffee	2436	61	*	32	20	8	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Other permanent	-	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other s	-	-	-	-	-	-	-	-	-

TABLE 4.4.2 URBAN HOLDINGS

[illegible]

TABLE 4.5 NUMBER OF HOLDERS UNDER ALL LAND TENURE SYSTEMS BY LAND USE  
AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

Land Use By Size of Holding	All Holders	Number of Holders By Type of Land Tenures		
		Land Owned	Land Rented	Other Tenure
Holdings Of All Sizes				
All	15902	15646	415	1146
Land Under Temporary Crops	14638	14156	372	644
Land under Permanent Crops	9829	9680	138	*
Grazing Land	2782	2634	*	*
Fallow Land	3449	3346	*	*
Woodland	*	*	-	-
All Other Land	15203	14791	*	*
Holdings Under 0.10 Hectares Sizes				
All	1945	1731	*	*
Land Under Temporary Crops	708	654	*	*
Land under Permanent Crops	332	332	*	-
Grazing Land	*	*	-	-
Fallow Land	*	*	-	-
Woodland	-	-	-	-
All Other Land	1808	1553	-	*
Holdings Of 0.10-0.50 Hectares Sizes				
All	6390	6375	241	270
Land Under Temporary Crops	6369	6214	219	125
Land under Permanent Crops	4180	4095*	*	*
Grazing Land	389	389	-	-
Fallow Land	838	838	-	-
Woodland	-	-	-	-
All Other Land	5928	5818*	*	*
Holdings Of 0.51-1.00 Hectares Sizes				
All	5009	5006	*	241
Land Under Temporary Crops	5003	4866	*	*
Land under Permanent Crops	3541	3495	*	*
Grazing Land	1238	1152	*	*
Fallow Land	1340	1295	*	*
Woodland	-	-	-	-
All Other Land	4956	4933	-	*
Holdings Of 1.01-2.00 Hectares Sizes				
All	2282	2282	*	*
Land Under Temporary Crops	2282	2192	*	*
Land under Permanent Crops	1585	1567	*	*
Grazing Land	958	913	-	*
Fallow Land	1005	983	-	*
Woodland	*	*	-	-
All Other Land	2235	2235	-	-
Holdings Of 2.01-5.00 Hectares Sizes				
All	276	252	-	166
Land Under Temporary Crops	276	230	-	166
Land under Permanent Crops	190	190	-	*
Grazing Land	*	*	-	*
Fallow Land	*	*	-	*
Woodland	*	*	-	-
All Other Land	276	252	-	*
Holdings Of 5.01-10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-
Holdings Over 10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-

TABLE 4.5.1 RURAL HOLDINGS

Land Use By Size of Holding	All Holders	Number of Holders By Type of Land Tenures		
		Land Owned	Land Rented	Other Tenure
Holdings Of All Sizes				
All	15275	15044	409	1126
Land Under Temporary Crops	14051	13594	366	624
Land under Permanent Crops	9643	9493	138	*
Grazing Land	2782	2634	*	*
Fallow Land	3449	3346	*	*
Woodland	*	*	*	*
All Other Land	15203	14791	*	*
Holdings Under 0.10 Hectares				
All	1831	1624	*	*
Land Under Temporary Crops	607	560	*	*
Land under Permanent Crops	309	309	*	*
Grazing Land	*	*	*	*
Fallow Land	*	*	*	*
Woodland	-	-	-	-
All Other Land	1808	1553	-	*
Holdings Of 0.10-0.50 Hectares				
All	5954	5954	237	259
Land Under Temporary Crops	5954	5814	215	114
Land under Permanent Crops	4057	3971	*	*
Grazing Land	389	389	-	-
Fallow Land	838	838	-	-
Woodland	-	-	-	-
All Other Land	5928	5818	*	*
Holdings Of 0.51-1.00 Hectares				
All	4956	4956	*	238
Land Under Temporary Crops	4956	4822	*	*
Land under Permanent Crops	3511	3465	*	*
Grazing Land	1238	1152	*	*
Fallow Land	1340	1295	*	*
Woodland	-	-	-	-
All Other Land	4956	4933	-	*
Holdings Of 1.01-2.00 Hectares				
All	2258	2258	*	*
Land Under Temporary Crops	2258	2168	*	*
Land under Permanent Crops	1575	1557	*	*
Grazing Land	958	913	*	*
Fallow Land	1005	983	-	*
Woodland	*	*	-	-
All Other Land	2235	2235	-	-
Holdings Of 2.01-5.00 Hectares				
All	276	252	-	166
Land Under Temporary Crops	276	230	-	166
Land under Permanent Crops	190	190	-	*
Grazing Land	*	*	-	*
Fallow Land	*	*	-	*
Woodland	*	*	-	*
All Other Land	276	252	-	*
Holdings Of 5.01-10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-
Holdings Over 10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-

TABLE 4.5.2 URBAN HOLDINGS

Land Use By Size of Holding	All Holders	Number of Holders By Type of Land Tenures		
		Land Owned	Land Rented	Other Tenure
Holdings Of All Sizes				
All	628	602	*	20
Land Under Temporary Crops	588	562	*	20
Land under Permanent Crops	186	186	-	-
Holdings Under 0.10 Hectares Sizes				
All	115	108	*	*
Land Under Temporary Crops	102	94	*	*
Land under Permanent Crops	23	23	-	-
Holdings Of 0.10-0.50 Hectares Sizes				
All	436	421	*	*
Land Under Temporary Crops	415	400	*	*
Land under Permanent Crops	124	124	-	-
Holdings Of 0.51-1.00 Hectares Sizes				
All	53	50	-	*
Land Under Temporary Crops	47	44	-	*
Land under Permanent Crops	30	30	-	-
Holdings Of 1.01-2.00 Hectares Sizes				
All	24	24	-	-
Land Under Temporary Crops	24	24	-	-
Land under Permanent Crops	*	*	-	-
Holdings Of 2.01-5.00 Hectares Sizes				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Holdings Of 5.01-10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Holdings Over 10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-

TABLE 4.6. AREA OF HOLDINGS UNDER ALL LAND TENURE SYSTEMS BY LAND USE AND SIZE OF HOLDING

BOTH RURAL AND URBAN HOLDINGS

Land Use By Size of Holding	Total Area	Area In Hectares By Type of Land Tenures		
		Land Owned	Land Rented	Other Tenure
Holdings Of All Sizes				
All	9192	8540	92	561
Land Under Temporary Crops	6931	6389	69	473
Land under Permanent Crops	997	947	*	*
Grazing Land	559	514	*	*
Fallow Land	439	429	*	*
Woodland	*	*	-	-
All Other Land	264	257	*	*
Holdings Under 0.10 Hectares Sizes				
All	59	51	*	*
Land Under Temporary Crops	28	25	*	*
Land under Permanent Crops	8	8	*	-
Grazing Land	*	*	-	-
Fallow Land	*	*	-	-
Woodland	-	-	-	-
All Other Land	19	14	-	*
Holdings Of 0.10-0.50 Hectares Sizes				
All	1923	1854	34	36
Land Under Temporary Crops	1551	1488	30	32
Land under Permanent Crops	221	216	*	*
Grazing Land	26	26	-	-
Fallow Land	49	49	-	-
Woodland	-	-	-	-
All Other Land	77	75	*	*
Holdings Of 0.51-1.00 Hectares Sizes				
All	3546	3405	*	*
Land Under Temporary Crops	2729	2619	*	*
Land under Permanent Crops	402	397	*	*
Grazing Land	192	170	*	*
Fallow Land	145	142	*	*
Woodland	-	-	-	-
All Other Land	78	77	-	*
Holdings Of 1.01-2.00 Hectares Sizes				
All	3001	2827	*	*
Land Under Temporary Crops	2128	1993	*	*
Land under Permanent Crops	297	274	*	*
Grazing Land	306	291	-	*
Fallow Land	207	206	-	*
Woodland	*	*	-	-
All Other Land	62	62	-	-
Holdings Of 2.01-5.00 Hectares Sizes				
All	663	404	-	259
Land Under Temporary Crops	496	264	-	232
Land under Permanent Crops	*	*	-	*
Grazing Land	*	*	-	*
Fallow Land	*	*	-	*
Woodland	*	*	-	-
All Other Land	*	*	-	*
Holdings Of 5.01-10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-
Holdings Over 10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-

TABLE 4.6.1 RURAL HOLDINGS

Land Use By Size of Holding	Total Area	Area In Hectares By Type of Land Tenures		
		Land Owned	Land Rented	Other Tenure
Holdings Of All Sizes				
All	9002	8355	91	556
Land Under Temporary Crops	6780	6244	68	468
Land under Permanent Crops	957	908	*	*
Grazing Land	559	514	*	*
Fallow Land	439	429	*	*
Woodland	*	*	-	-
All Other Land	264	257	*	*
Holdings Under 0.10 Hectares Sizes				
All	54	46	*	*
Land Under Temporary Crops	24	21	*	*
Land under Permanent Crops	7	7	*	-
Grazing Land	*	*	-	-
Fallow Land	*	*	-	-
Woodland	-	-	-	-
All Other Land	19	14	-	*
Holdings Of 0.10-0.50 Hectares Sizes				
All	1808	1742	33	34
Land Under Temporary Crops	1454	1394	29	30
Land under Permanent Crops	203	198	*	*
Grazing Land	26	26	-	-
Fallow Land	49	49	-	-
Woodland	-	-	-	-
All Other Land	77	75	*	*
Holdings Of 0.51-1.00 Hectares Sizes				
All	3508	3369	*	*
Land Under Temporary Crops	2704	2597	*	*
Land under Permanent Crops	389	384	*	*
Grazing Land	192	170	*	*
Fallow Land	145	142	*	*
Woodland	-	-	-	-
All Other Land	78	77	-	*
Holdings Of 1.01-2.00 Hectares Sizes				
All	2969	2795	*	*
Land Under Temporary Crops	2103	1968	*	*
Land under Permanent Crops	290	267	*	*
Grazing Land	306	291	-	*
Fallow Land	207	206	-	*
Woodland	*	*	-	*
All Other Land	62	62	-	-
Holdings Of 2.01-5.00 Hectares Sizes				
All	663	404	-	259
Land Under Temporary Crops	496	264	-	232
Land under Permanent Crops	*	*	-	*
Grazing Land	*	*	-	*
Fallow Land	*	*	-	*
Woodland	*	*	-	-
All Other Land	*	*	-	*
Holdings Of 5.01-10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-
Holdings Over 10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Grazing Land	-	-	-	-
Fallow Land	-	-	-	-
Woodland	-	-	-	-
All Other Land	-	-	-	-

TABLE 4.6.2 URBAN HOLDINGS

Land Use By Size of Holding	Total Area	Area In Hectares By Type of Land Tenures		
		Land Owned	Land Rented	Other Tenure
Holdings Of All Sizes				
All	190	185	*	5
Land Under Temporary Crops	151	145	*	5
Land under Permanent Crops	40	40	-	-
Holdings Under 0.10 Hectares Sizes				
All	5	5	*	*
Land Under Temporary Crops	4	4	*	*
Land under Permanent Crops	1	1	-	-
Holdings Of 0.10-0.50 Hectares Sizes				
All	115	112	*	*
Land Under Temporary Crops	98	94	*	*
Land under Permanent Crops	18	18	-	-
Holdings Of 0.51-1.00 Hectares Sizes				
All	37	36	-	*
Land Under Temporary Crops	24	22	-	*
Land under Permanent Crops	13	13	-	-
Holdings Of 1.01-2.00 Hectares Sizes				
All	32	32	-	-
Land Under Temporary Crops	25	25	-	-
Land under Permanent Crops	*	*	-	-
Holdings Of 2.01-5.00 Hectares Sizes				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Holdings Of 5.01-10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-
Holdings Over 10.00 Hectares				
All	-	-	-	-
Land Under Temporary Crops	-	-	-	-
Land under Permanent Crops	-	-	-	-



RURAL HOLDINGS-BELG SEASON

[illegible]

Annex Tables 4.1-4.4.2

ESTIMATES, STANDARD ERRORS AND COEFFICIENT OF VARIATIONS FOR  
SELECTED LAND USE VARIABLES

Both Rural and Urban holdings

Table 4.1 Continued

Annex Table 4.1.1 Rural holdings

Table 4.1.1 Continued

Annex Table 4.1.2 Urban holdings

Table 4.1.2 Continued

[illegible]

Both Rural and Urban holdings

Land Use By Size Of Holding	Number of Holders			Holding Area in Hectare			Number Of Parcels		
	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %
Holdings Of All Sizes									
All	15902	634	4	9192	851	9	45553	3051	7
Land Under Temporary Crops	14638	743	5	6931	625	9	28633	2173	8
Land Under Permanent Crops	9829	966	10	997	151	15	14793	1811	12
Grazing Land	2782	614	22	559	161	29	2873	630	22
Fallow Land	3449	473	14	439	91	21	3893	565	15
Woodland	42	30	72	3	2	76	42	30	72
All Other Land	15203	623	4	264	34	13	15725	629	4
Holdings Under 0.10 Hectares									
All	1945	360	18	59	13	21	2731	503	18
Land Under Temporary Crops	708	161	23	28	7	25	867	205	24
Land Under Permanent Crops	332	117	35	8	3	38	455	167	37
Grazing Land	66	44	67	1	1	74	66	44	67
Fallow Land	78	54	69	3	2	71	78	54	69
Woodland	-	-	-	-	-	-	-	-	-
All Other Land	1808	359	20	19	5	27	1814	359	20
Holdings Of 0.10-0.50 Hectares									
All	6390	599	9	1923	167	9	18560	2381	13
Land Under Temporary Crops	6369	599	9	1551	134	9	11808	1627	14
Land Under Permanent Crops	4180	633	15	221	34	15	5901	996	17
Grazing Land	389	128	33	26	9	35	389	128	33
Fallow Land	838	153	18	49	12	25	878	165	19
Woodland	-	-	-	-	-	-	-	-	-
All Other Land	5928	595	10	77	9	12	6109	616	10
Holdings Of 0.51-1.00 Hectares									
All	5009	585	12	3546	419	12	16011	2111	13
Land Under Temporary Crops	5003	585	12	2729	328	12	10191	1339	13
Land Under Permanent Crops	3541	491	14	402	65	16	5512	954	17
Grazing Land	1238	325	26	192	60	31	1272	345	27
Fallow Land	1340	249	19	145	36	25	1505	296	20
Woodland	-	-	-	-	-	-	-	-	-
All Other Land	4956	585	12	78	10	13	5090	585	12
Holdings Of 1.01-2.00 Hectares									
All	2282	388	17	3001	527	18	7283	1239	17
Land Under Temporary Crops	2282	388	17	2128	368	17	5042	896	18
Land Under Permanent Crops	1585	334	21	297	83	28	2485	534	22
Grazing Land	958	277	29	306	127	41	996	281	28
Fallow Land	1005	219	22	207	56	27	1203	271	23
Woodland	24	25	105	1	1	106	24	25	105
All Other Land	2235	383	17	62	18	28	2414	421	17
Holdings Of 2.01-5.00 Hectares									
All	276	115	42	663	280	42	968	487	50
Land Under Temporary Crops	276	115	42	496	210	42	725	358	49
Land Under Permanent Crops	190	87	46	68	35	51	440	255	58
Grazing Land	131	66	51	34	20	57	149	72	49
Fallow Land	188	95	51	34	21	61	229	121	53
Woodland	18	18	99	2	2	99	18	18	99
All Other Land	276	115	42	29	24	83	297	123	42
Holdings Of 5.01-10.00 Hectares									
All	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-
Holdings Over 10.00 Hectares									
All	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-

Annex Table 4.2.1 Rural Holdings

[illegible]

Annex Table 4.2.2 Urban Holdings

[illegible]

Annex Table 4.3: Estimates of Agricultural holders by Type of Land tenure systems and Land use and their Standard errors and Coefficients of Variation

## Both Rural and Urban holdings

Land Use By Size Of Holding	All Number			Number of Holders By Tenure Systems								
				Land Owned			Land Rented			Other Tenure		
	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %
Holdings Of All Sizes												
All	15902	634	4	15646	688	4	415	125	30	1146	388	34
Land Under Temporary Crops	14638	743	5	14156	762	5	372	110	30	644	238	37
Land Under Permanent Crops	9829	966	10	9680	962	10	138	69	50	219	115	53
Grazing Land	2782	614	22	2634	583	22	20	22	110	128	84	65
Fallow Land	3449	473	14	3346	450	13	21	21	98	82	46	56
Woodland	42	30	72	42	30	72	-	-	-	-	-	-
All Other Land	15203	623	4	14791	716	5	21	21	98	491	314	64
Holdings Under 0.10 Hectares												
All	1945	360	18	1731	281	16	57	32	56	294	243	83
Land Under Temporary Crops	708	161	23	654	151	23	57	32	56	17	12	70
Land Under Permanent Crops	332	117	35	332	117	35	20	22	108	-	-	-
Grazing Land	66	44	67	66	44	67	-	-	-	-	-	-
Fallow Land	78	54	69	78	54	69	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	1808	359	20	1553	273	18	-	-	-	288	243	84
Holdings Of 0.10-0.50 Hectares												
All	6390	599	9	6375	599	9	241	93	39	270	92	34
Land Under Temporary Crops	6369	599	9	6214	608	10	219	89	40	125	48	38
Land Under Permanent Crops	4180	633	15	4095	618	15	63	47	74	45	32	73
Grazing Land	389	128	33	389	128	33	-	-	-	-	-	-
Fallow Land	838	153	18	838	153	18	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	5928	595	10	5818	601	10	21	21	98	121	77	64
Holdings Of 0.51-1.00 Hectares												
All	5009	585	12	5006	585	12	63	45	71	241	103	43
Land Under Temporary Crops	5003	585	12	4866	580	12	42	30	72	182	98	54
Land Under Permanent Crops	3541	491	14	3495	493	14	-	-	-	69	50	72
Grazing Land	1238	325	26	1152	315	27	20	22	110	66	47	71
Fallow Land	1340	249	19	1295	242	19	21	21	98	24	25	105
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	4956	585	12	4933	580	12	-	-	-	59	42	70
Holdings Of 1.01-2.00 Hectares												
All	2282	388	17	2282	388	17	54	49	91	176	92	53
Land Under Temporary Crops	2282	388	17	2192	362	17	54	49	91	154	77	50
Land Under Permanent Crops	1585	334	21	1567	326	21	54	49	91	42	40	95
Grazing Land	958	277	29	913	249	27	-	-	-	44	41	93
Fallow Land	1005	219	22	983	210	21	-	-	-	22	22	99
Woodland	24	25	105	24	25	105	-	-	-	-	-	-
All Other Land	2235	383	17	2235	383	17	-	-	-	-	-	-
Holdings Of 2.01-5.00 Hectares												
All	276	115	42	252	102	40	-	-	-	166	73	44
Land Under Temporary Crops	276	115	42	230	101	44	-	-	-	166	73	44
Land Under Permanent Crops	190	87	46	190	87	46	-	-	-	63	36	58
Grazing Land	131	66	51	113	65	58	-	-	-	18	18	99
Fallow Land	188	95	51	151	79	52	-	-	-	36	34	93
Woodland	18	18	99	18	18	99	-	-	-	-	-	-
All Other Land	276	115	42	252	102	40	-	-	-	24	25	105
Holdings Of 5.01-10.00Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-
Holdings Over 10.00 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-

Annex Table 4.3.1 Rural holdings

Land Use By Size Of Holding	All Number			Number of Holders By Tenure Systems								
				Land Owned			Land Rented			Other Tenure		
	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %
Holdings Of All Sizes												
All	15275	624	4	15044	680	5	409	125	31	1126	387	34
Land Under Temporary Crops	14051	736	5	13594	755	6	366	110	30	624	237	38
Land Under Permanent Crops	9643	965	10	9493	961	10	138	69	50	219	115	53
Grazing Land	2782	614	22	2634	583	22	20	22	110	128	84	65
Fallow Land	3449	473	14	3346	450	13	21	21	98	82	46	56
Woodland	42	30	72	42	30	72	-	-	-	-	-	-
All Other Land	15203	623	4	14791	716	5	21	21	98	491	314	64
Holdings Under 0.10 Hectares												
All	1831	359	20	1624	280	17	55	32	58	288	243	84
Land Under Temporary Crops	607	159	26	560	149	27	55	32	58	12	11	98
Land Under Permanent Crops	309	117	38	309	117	38	20	22	108	-	-	-
Grazing Land	66	44	67	66	44	67	-	-	-	-	-	-
Fallow Land	78	54	69	78	54	69	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	1808	359	20	1553	273	18	-	-	-	288	243	84
Holdings Of 0.10-0.50 Hectares												
All	5954	594	10	5954	594	10	237	93	39	259	92	36
Land Under Temporary Crops	5954	594	10	5814	603	10	215	88	41	114	48	42
Land Under Permanent Crops	4057	632	16	3971	617	16	63	47	74	45	32	73
Grazing Land	389	128	33	389	128	33	-	-	-	-	-	-
Fallow Land	838	153	18	838	153	18	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	5928	595	10	5818	601	10	21	21	98	121	77	64
Holdings Of 0.51-1.00 Hectares												
All	4956	585	12	4956	585	12	63	45	71	238	103	43
Land Under Temporary Crops	4956	585	12	4822	580	12	42	30	72	179	98	55
Land Under Permanent Crops	3511	491	14	3465	493	14	-	-	-	69	50	72
Grazing Land	1238	325	26	1152	315	27	20	22	110	66	47	71
Fallow Land	1340	249	19	1295	242	19	21	21	98	24	25	105
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	4956	585	12	4933	580	12	-	-	-	59	42	70
Holdings Of 1.01-2.00 Hectares												
All	2258	388	17	2258	388	17	54	49	91	176	92	53
Land Under Temporary Crops	2258	388	17	2168	362	17	54	49	91	154	77	50
Land Under Permanent Crops	1575	334	21	1557	326	21	54	49	91	42	40	95
Grazing Land	958	277	29	913	249	27	-	-	-	44	41	93
Fallow Land	1005	219	22	983	210	21	-	-	-	22	22	99
Woodland	24	25	105	24	25	105	-	-	-	-	-	-
All Other Land	2235	383	17	2235	383	17	-	-	-	-	-	-
Holdings Of 2.01-5.00 Hectares												
All	276	115	42	252	102	40	-	-	-	166	73	44
Land Under Temporary Crops	276	115	42	230	101	44	-	-	-	166	73	44
Land Under Permanent Crops	190	87	46	190	87	46	-	-	-	63	36	58
Grazing Land	131	66	51	113	65	58	-	-	-	18	18	99
Fallow Land	188	95	51	151	79	52	-	-	-	36	34	93
Woodland	18	18	99	18	18	99	-	-	-	-	-	-
All Other Land	276	115	42	252	102	40	-	-	-	24	25	105
Holdings Of 5.01-10.00 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-
Holdings Over 10.00 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-



Annex Table 4.3.2 Urban holdings

[illegible]

Annex Table 4.4 Estimates of Area of holdings by Type of Land tenure systems and Land use and their Standard errors and Coefficients of Variation

## Both Rural and Urban holdings

Land Use By Size Of Holding	Area in Hectare			Area of Holding In hectare By Tenure Systems								
				Land Owned			Land Rented			Other Tenure		
	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %
Holdings Of All Sizes												
All	9192	851	9	8540	736	9	92	35	38	561	237	42
Land Under Temporary Crops	6931	625	9	6389	551	9	69	24	35	473	205	43
Land Under Permanent Crops	997	151	15	947	135	14	16	11	72	33	19	56
Grazing Land	559	161	29	514	141	27	7	7	110	38	26	69
Fallow Land	439	91	21	429	88	21	1	1	98	9	5	63
Woodland	3	2	76	3	2	76	-	-	-	-	-	-
All Other Land	264	34	13	257	35	14	-	-	100	7	5	69
Holdings Under 0.10 Hectares												
All	59	13	21	51	10	20	3	2	59	5	4	77
Land Under Temporary Crops	28	7	25	25	6	25	3	2	64	1	-	57
Land Under Permanent Crops	8	3	38	8	3	37	1	1	109	-	-	-
Grazing Land	1	1	74	1	1	74	-	-	-	-	-	-
Fallow Land	3	2	71	3	2	71	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	19	5	27	14	3	20	-	-	-	5	4	86
Holdings Of 0.10-0.50 Hectares												
All	1923	167	9	1854	168	9	34	14	43	36	14	40
Land Under Temporary Crops	1551	134	9	1488	136	9	30	13	44	32	14	42
Land Under Permanent Crops	221	34	15	216	33	15	3	3	93	2	2	75
Grazing Land	26	9	35	26	9	35	-	-	-	-	-	-
Fallow Land	49	12	25	49	12	25	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	77	9	12	75	9	13	-	-	100	2	1	68
Holdings Of 0.51-1.00 Hectares												
All	3546	419	12	3405	410	12	24	19	77	116	69	59
Land Under Temporary Crops	2729	328	12	2619	322	12	17	13	72	92	55	60
Land Under Permanent Crops	402	65	16	397	65	16	-	-	-	5	4	75
Grazing Land	192	60	31	170	57	34	7	7	110	16	12	77
Fallow Land	145	36	25	142	35	25	1	1	98	3	3	105
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	78	10	13	77	10	13	-	-	-	1	1	77
Holdings Of 1.01-2.00 Hectares												
All	3001	527	18	2827	472	17	31	28	92	143	91	63
Land Under Temporary Crops	2128	368	17	1993	335	17	19	17	92	116	76	66
Land Under Permanent Crops	297	83	28	274	73	27	12	11	92	11	10	96
Grazing Land	306	127	41	291	114	39	-	-	-	16	15	97
Fallow Land	207	56	27	206	56	27	-	-	-	1	1	99
Woodland	1	1	106	1	1	106	-	-	-	-	-	-
All Other Land	62	18	28	62	18	28	-	-	-	-	-	-
Holdings Of 2.01-5.00 Hectares												
All	663	280	42	404	192	48	-	-	-	259	122	47
Land Under Temporary Crops	496	210	42	264	131	50	-	-	-	232	107	46
Land Under Permanent Crops	68	35	51	53	27	52	-	-	-	15	11	70
Grazing Land	34	20	57	27	19	69	-	-	-	7	7	99
Fallow Land	34	21	61	29	18	60	-	-	-	5	5	95
Woodland	2	2	99	2	2	99	-	-	-	-	-	-
All Other Land	29	24	83	29	24	83	-	-	-	-	-	104
Holdings Of 5.01-10.00 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-
Holdings Over 10.00 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-

Annex Table 4.4.1 Rural Holdings

Land Use By Size Of Holding	Area in Hectare			Area of Holding In hectare By Tenure Systems								
				Land Owned			Land Rented			Other Tenure		
	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %	Estimate	S.E	C.V In %
Holdings Of All Sizes												
All	9002	850	9	8355	735	9	91	35	38	556	237	43
Land Under Temporary Crops	6780	624	9	6244	551	9	68	24	35	468	205	44
Land Under Permanent Crops	957	150	16	908	135	15	16	11	72	33	19	56
Grazing Land	559	161	29	514	141	27	7	7	110	38	26	69
Fallow Land	439	91	21	429	88	21	1	1	98	9	5	63
Woodland	3	2	76	3	2	76	-	-	-	-	-	-
All Other Land	264	34	13	257	35	14	-	-	98	7	5	69
Holdings Under 0.10 Hectares												
All	54	12	23	46	10	22	3	2	62	5	4	83
Land Under Temporary Crops	24	7	29	21	6	29	2	2	67	-	-	101
Land Under Permanent Crops	7	3	44	7	3	42	1	1	108	-	-	-
Grazing Land	1	1	74	1	1	74	-	-	-	-	-	-
Fallow Land	3	2	71	3	2	71	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	19	5	27	14	3	20	-	-	-	5	4	86
Holdings Of 0.10-0.50 Hectares												
All	1808	165	9	1742	167	10	33	14	44	34	14	42
Land Under Temporary Crops	1454	133	9	1394	135	10	29	13	46	30	13	45
Land Under Permanent Crops	203	33	16	198	32	16	3	3	93	2	2	75
Grazing Land	26	9	35	26	9	35	-	-	-	-	-	-
Fallow Land	49	12	25	49	12	25	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	77	9	12	75	9	13	-	-	98	2	1	68
Holdings Of 0.51-1.00 Hectares												
All	3508	419	12	3369	410	12	24	19	77	115	69	60
Land Under Temporary Crops	2704	328	12	2597	322	12	17	13	72	90	55	61
Land Under Permanent Crops	389	65	17	384	65	17	-	-	-	5	4	75
Grazing Land	192	60	31	170	57	34	7	7	110	16	12	77
Fallow Land	145	36	25	142	35	25	1	1	98	3	3	105
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	78	10	13	77	10	13	-	-	-	1	1	77
Holdings Of 1.01-2.00 Hectares												
All	2969	527	18	2795	472	17	31	28	92	143	91	63
Land Under Temporary Crops	2103	368	17	1968	334	17	19	17	92	116	76	66
Land Under Permanent Crops	290	83	29	267	73	27	12	11	92	11	10	96
Grazing Land	306	127	41	291	114	39	-	-	-	16	15	97
Fallow Land	207	56	27	206	56	27	-	-	-	1	1	99
Woodland	1	1	105	1	1	105	-	-	-	-	-	-
All Other Land	62	18	28	62	18	28	-	-	-	-	-	-
Holdings Of 2.01-5.00 Hectares												
All	663	280	42	404	192	48	-	-	-	259	122	47
Land Under Temporary Crops	496	210	42	264	131	50	-	-	-	232	107	46
Land Under Permanent Crops	68	35	51	53	27	52	-	-	-	15	11	70
Grazing Land	34	20	58	27	19	69	-	-	-	7	7	99
Fallow Land	34	21	61	29	18	60	-	-	-	5	5	95
Woodland	2	2	99	2	2	99	-	-	-	-	-	-
All Other Land	29	24	83	29	24	83	-	-	-	-	-	105
Holdings Of 5.01-10.0 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-
Holdings Over 10.00 Hectares												
All	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Temporary Crops	-	-	-	-	-	-	-	-	-	-	-	-
Land Under Permanent Crops	-	-	-	-	-	-	-	-	-	-	-	-
Grazing Land	-	-	-	-	-	-	-	-	-	-	-	-
Fallow Land	-	-	-	-	-	-	-	-	-	-	-	-
Woodland	-	-	-	-	-	-	-	-	-	-	-	-
All Other Land	-	-	-	-	-	-	-	-	-	-	-	-

Annex Table 4.4.2 Urban Holdings

[illegible]