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ETHIOPIAN STATISTICAL SERVICE

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2021/22 (2014 E.C.)

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VOLUME IV

REPORT ON

LAND UTILIZATION

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)



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ABBREVIATIONS:

AgSS Agricultural Sample Survey

ESS Ethiopian Statistics Service

CSPro Census and Surveys Processing system software

CAPI Computer Assisted Personal Interview

CV Coefficient of variation

EA Census Enumeration Areas

E.C. Ethiopian calendar

GPS Global Positioning System

IMPS Integrated Microcomputer Processing System software

PPS Probability Proportional to Size

PSU Primary Sampling Unit

SSU Secondary Sampling Unit

S.N.N.P.R. South Nations, Nationalities and Peoples Region

VPN Virtual Private Network

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PART I:

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 Introduction

The relentless exploitation of agriculture and growth of population in Ethiopia have made land an extremely expensive natural resource. This problem is even more pronounced in rural parts of the country within the private peasant holdings where the quest for agricultural land is grave. Land scarcity is in the spotlight and a persistent concern to the government at the height of the march on food security. By virtue of being an indispensable part of life, land is changing invariably in configuration resulting in minuscule holding size per household and becoming a scant supply to farmers in Ethiopia. Information on the mode of land use that prevails within the farming population certainly assists the government to spell out land use policy so as to cope with the pressure on agricultural land.

In view of this, to gauge the shifting make-up of land use and help decision makers articulate the fitting policies, the Ethiopian Statistical Service (E.S.S) has been providing statistical information by collecting, processing and summarizing data on the country's agricultural land use by employing standard procedures of data collection. The 2021/22 (2014 E.C) Agricultural Sample Survey was conducted to furnish data on land utilization within the private peasant holdings for Meher season of the same year.

The survey results are presented in this bulletin and on electronic media for data users.

This report comprises three parts. Part I contains the objectives of the annual survey. Part II deals with coverage of the survey, sample design, field organization and method of data collection and Part III includes summary of the results. Estimation procedures and formulation of estimates of totals and variance are presented in Appendix I. Estimates of the standard errors with the corresponding coefficients of variations for land use area are presented in Appendix II.

1.2 Objectives of the Survey

The general objective of ESS's Agricultural Sample Survey (AgSS) is to collect basic quantitative information on the country's agricultural land that is essential for planning, policy formulation, food security, etc. The AgSS is composed of four components: Crop Production Forecast Survey, Meher Season Survey of which land use is a part, Livestock Survey and Belg Season Survey. The specific objectives of Meher Season Survey (Land Utilization) are to estimate the total cultivated area and other forms of land use. Companion reports are also published separately with estimates of crop area, volume of production and quantity of agricultural inputs during Meher Season agriculture. The Land Utilization report is based on private peasant holdings in the primary rural areas of the country. The data is summarized at regional levels.

PART II:

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

2.1. Scope and Coverage of the Survey

The range of data items that the 2021/22 (2014 E.C.) Annual Agricultural Sample Survey (Meher Season) dealt with includes all cereals, pulses and oilseeds and the most commonly grown vegetables, root crops, permanent (perennial) crops and other cash crops. Holders growing at least one or more of these and/or other crops are enumerated and data on cropland area and yield condition recorded, hence data on production of these crops acquired.

The 2021/22 (2014 E.C.) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country, except Tigray region.

To be covered by the survey, a total of 2,609 Census Enumeration Areas (EAs) were selected.

However, due to various reasons that are beyond control, in 569 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,040EAs (78.19%) throughout the regions, excluding Tigray region. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 52,180 agricultural households, however, 40,653 (77.91%) were actually covered by the survey.

2.2. Sampling Frame

The list containing EAs of all regions and their respective households obtained from the 4th round population and housing census cartographic frame was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

2.3. Sample Design

In order to select the sample, a stratified two-stage cluster sample design was implemented. Census Enumeration Areas (EAs) were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households. The sample size for the 2021/22 (2014 E.C.) agricultural sample survey was determined by taking into account both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also considered.

All administrative zones in each regional state were taken to be the domain of estimation for which major findings of the survey are reported.

2.4. Selection Scheme

Enumeration areas from each stratum were selected systematically using probability proportional to size (PPS) sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 4th round Ethiopian population and housing census cartographic frame. From the fresh list of households prepared at the beginning of the survey, 20 agricultural households within each sample EA were selected by systematic random sampling technique.

Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates, standard errors and coefficients of variation (CV) are given in Appendix-I and II respectively. Distribution of sampling units (sampled and covered EAs and households) by stratum is also presented in Appendix-III.

2.5. Organization of Field Work

The conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the field operation coordination office that liaises between the Head Office and the 22 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their

sites of enumeration, supervising the data collection, electronic data transfer and retrieving completed questionnaires and submitting them to the Head Office for data processing.

The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of 2,398 enumerators, 750 field supervisors and 255 statisticians/experts were involved in the data collection where on the average one supervisor was assigned to three enumeration areas for supervision of data collection operation. All the enumerators were supplied with the necessary survey equipment (GPS-enabled tablets, solar battery chargers, kitchen balance scales, etc.) after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 116 four-wheel drive vehicles were used.

2.6. Training of Field Staff

The execution of a survey and quality of data acquired from the survey highly depend on the type of training given to the enumerators and supervisors and the consequent understanding of the tasks to be performed and the standard procedures to be followed by the enumerators and supervisors in the survey undertaking. The quality and completeness of data are ensured when the training meets its objective of producing responsible and fervent enumerators and supervisors.

In light of this point, the training was given to the field staff in two stages. The first stage training, which took place at Adama Town for 10 days for targeted staff from the Head Office, statisticians/experts and senior field supervisors from statistics branch Offices. The staff that took part in the first stage training was then assigned to conduct similar training for the enumerators and other field supervisors for 18 days in all the 22 statistics branch Offices distributed across the country.

In the training, the field staff was given detailed classroom instruction on how to collect data, method of area measurement, crop cutting exercise, interviewing procedures, quality checking methods, manipulation of GPS-enabled tablets, usage of data collection applications loaded on tablets, online data transfer, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting, GPS-enabled tablets uses and interviewing methods.

2.7. Method of Data Collection

The agricultural data for the year 2021/22 (2014 E.C.) was collected from the entire rural small holding households by interviewing the selected agricultural holders and physically measuring their land plots/parcels and crop cut experiments to obtain data on cropland area, yields and other items of interest.

The data obtained were recorded and transferred in various forms designed for this purpose using Computer Assisted Personal Interview (CAPI) or tablets technology data collection method. Instruments like GPS-enabled tablets, kitchen balance, scientific calculators and others were used during data collection for a timely and smooth acquisition of accurate data. The procedures for measuring area under crop and area of non-crop fields operated by the agricultural holders were performed for the 20 selected households from each sampled E.A or sample cluster

2.8. Data Processing & Tabulation

Census and Survey Processing System (CSPro) software was used by data processing experts to design the tablet-based field data collection applications based on the questionnaires prepared for each survey module by subject matter statisticians. Validity checks such as ranges, skips and consistencies were included in the application to maintain the quality and field level consistency checking of the data. Computer Assisted Personal Interviewing (CAPI) using tablets technology was used to conduct face-to-face interview, cropland area measurement and others data collection . The collected data was then transferred to the supervisors' tablets using Bluetooth. After checking the quality of data collected by enumerator, supervisors transferred the collected data to the server located at the head office using VPN network connection. At the head office, further validity checks were done on each question and consistencies between questions. If error is observed during the validity checks, the data were sent back to the field with error reports for correction. After the corrected data was sent back to the head office, further processing was done on the completed survey data. The final stage of the data processing was to summarize the data and produce statistical tables. Estimation of the statistical tables was done using CSPro and the tabulation component of IMPS (Integrated Microcomputer Processing System) software.

2.9. Concepts and Definitions

Data items of agriculture have to be distinctly defined and identified, so that the information about the items becomes useful. The correct way of stating data items and related terms is a pre-requisite for making standards and definitions for the collection and compilation of agricultural data. The purpose of using standard concepts and definitions is not only to provide quality data but also to ensure that the right items are enumerated and measured accurately to reflect the agricultural situation.

Standard concepts and definitions used in the survey help to maintain consistent enumeration and measurement of variables of interest. To achieve this, ESS communicates concepts and definitions to the field staff through training and instruction manuals. The concepts and definitions used in the survey included the following.

Enumeration Area (E.A): a census enumeration area in the rural parts of the country is a unit of land delineated for the purpose of population census with clear identified boundary, in some case equal to a locality or a part of a locality or a combination of small localities and usually consists of 100 - 150 households.

Household: a household may be either:

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

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

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

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

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

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

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

Crop: includes cereals, pulses, oilseeds, vegetables, root crops, fruits, coffee, Enset, Chat, hops, sugarcane, cotton, tobacco, etc. produced for food, making drinks, stimulation, making fabrics or clothing, etc.

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

Temporary/Annual Crops: Annual/temporary crops are crops, which are grown in less than a year's time, sometimes only a few months with an objective to sow or replant again for additional production following the current harvest. Continuously grown crops planted in

rotation are also considered as temporary crops since each is harvested and destroyed by ploughing in preparation for each successive crop.

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

Meher (Main) Season Crop: any temporary crop harvested between the months of Meskerm (September) and Yekatit (February) is considered as meher season crop, in most cases crops those planted during the major rainy season.

Belg Season Crop:- any temporary crop harvested between the months of Megabit (March) and Pagume (August) is considered to be Belg Season Crop, in most case crops those planted during the short rainy season.

Fertilizer: – refers to anything that is added to the soil and intended to increase the amount of plant nutrients available for crop growth. In this survey data is elicited on two types of fertilizers (Natural and Chemical). The Natural fertilizer consists of the farm yard manure and wood ashes while the chemical type consists of DAP (Di- Ammonium phosphate) and UREA (Ammonium Nitrate).

Improved seed:- is crop variety, which gives a significantly higher yield, and better quality compared to locally produced variety of seeds.

Pesticides :– are chemicals that are useful for the control, mitigation or elimination of pests, which are detrimental to crops. Pesticides include insecticides and herbicides.

Irrigation: - refers to the practice where an area of land is purposely and actually provided with water, other than by rain to improve/increase production of crops. The uncontrolled flooding of land by the overflow of rivers or streams is not considered to be irrigation.

Note:-

1. Those cropland area and production designated by “*” in all tables could not be reported because of high coefficient of variation (i.e. less reliable estimates). However, they are consolidated in the total estimates.
2. In all tables “-” indicates not reported or no data.
3. If in some tables, figures do not add up to total, it is due to rounding.
4. Due to incompleteness of the year 2021/22 (2014 E.C) main season field data collection in Benishangul-Gumuz region, the 2020/21 (2013 E.C) post-harvest estimates for the respective region are imputed as a proxy estimates for completeness of national estimates.
5. This report does not include dry season irrigation crops (especially the recent initiatives of dry season irrigated wheat), commercial farm crop production and belg (short rainy season) crop production. Separate reports will be produced for those agriculture practice categories.
6. In APPENDIX III, “-” for number of covered EAs and households indicate that due to reasons that are beyond control, in all EAs in Tigray region, the survey could not be successful and hence interrupted.
7. As indicated in APPENDIX III, in North Wello, South Wello, Waghimra and Oromia nationality zones of Amhara region, the survey was totally not successful due to security problems, as a result of this, estimates were done with adjustments in these zones and we advise data users to use the estimates cautiously for these areas.
8. The same is true for Zone_4 and Zone_5 of Afar Region.
9. Also, As indicated in APPENDIX III, in West Wellega, Kellem Wellega and West Guji zones of Oromia region, the coverage was below 50% because of the same reason, estimates were done with adjustments in these zones and we advise data users to use the estimates cautiously for these areas, as well.

PART III : SUMMARY OF SURVEY RESULTS

3.1. LAND UTILIZATION

Land used for crop lands and non crop lands. Crop land is land used for the cultivation of crops, both temporary and permanent crops. Non crop land is land used for non cultivated such as fallow land, livestock grazing land, wood land, and other land uses (house, fence, ...).

Food security embraces a wide range of crops such as cereals, pulses, oilseeds etc. The fact that most of the land within the private peasant holding is under these food crops comes as no surprise when the struggle for self-sufficiency in food is being intensified.

This is no where more illustrated than in the land use survey results for 2021/22 (2014 E.C). The Ethiopian total land area reported without Tigray region for the private peasant holdings was estimated at higher than 17.77 million hectares and operated by more than 19.40 million agricultural households and about 19.74 million agricultural holders. The statistical tables in this report show that most of the agricultural land holdings of small agricultural holders about 72% was under temporary crops.

About 17.67 million, and 12.91 million, agricultural households were reported growing temporary, and permanent crops, respectively, for 2021/22 (2014 E.C) production year. The numbers of households growing both crops (temporary and permanent crops) are not mutually exclusive.

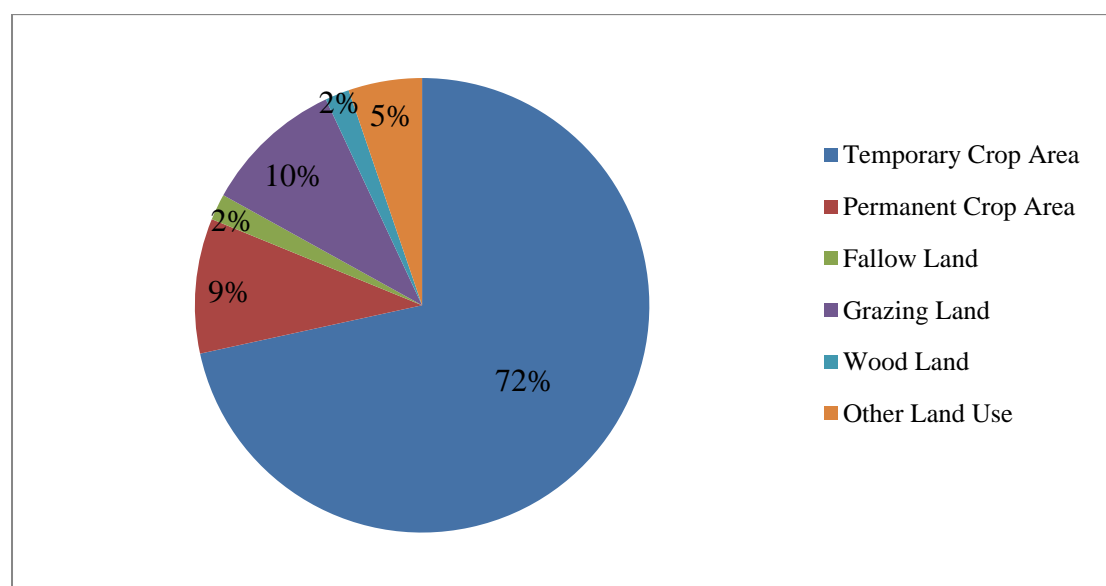


Figure 1: Percentage distribution of all land holding by type of use, Main Season 2021/22 (2014 E.C)

The average holding sizes per household and holder were recorded to be 0.92 and 0.90 hectares, respectively. On the other hand the average cropland area was found out to be 0.78 hectares per household and 0.76 hectare per holder. For details refer to Statistical Table 1. Distributions of households by holding size and holders, by age, sex, holding type and cropland area, by crop type and total land area by tenure system are presented in Statistical Tables 2 up to Table 10 in the report.

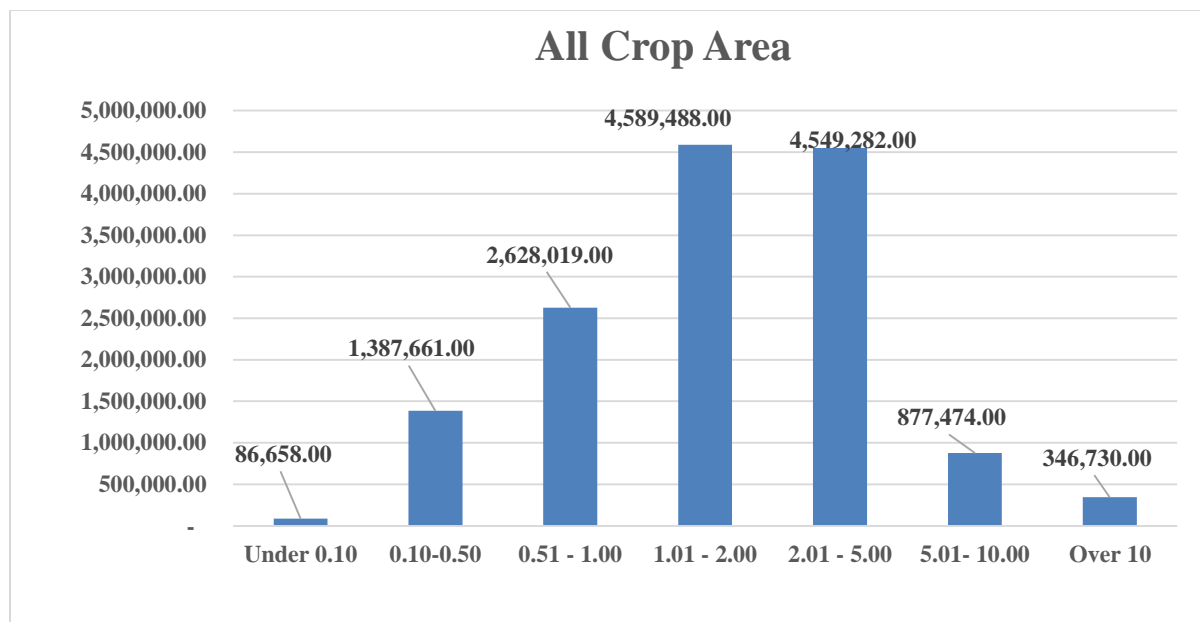


Figure 2: Distribution of all land use area (in ha) by land holding size (ha) , Main Season 2021/22 (2014 E.C)

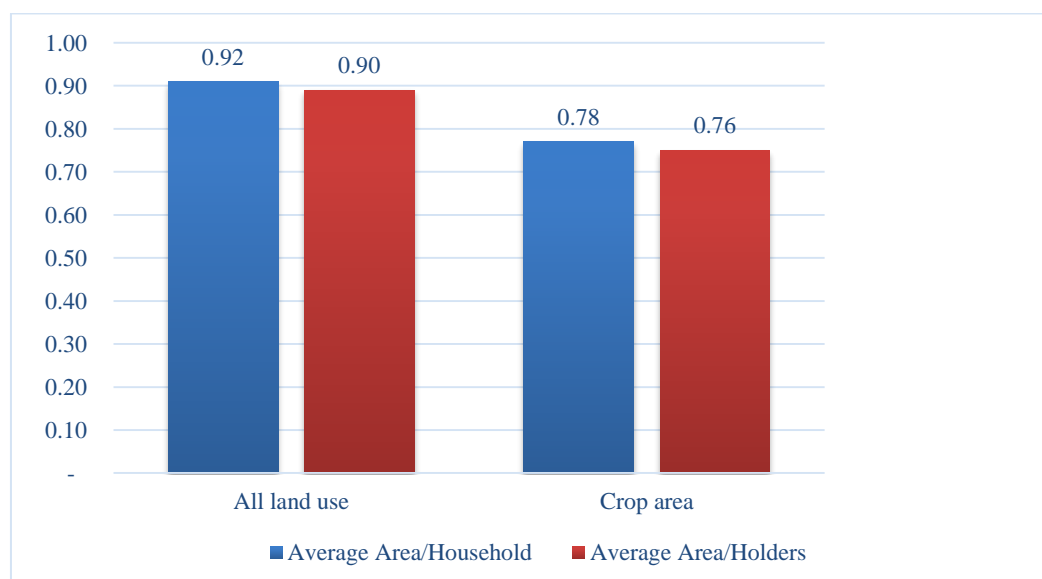


Figure 3: Distribution of Agricultural household & holders land holding size (in ha), Main Season 2021/22 (2014 E.C)

PART IV:

STATISTICAL TABL

**Table 1: Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.) .
Ethiopia**

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	43,411	992,477	2,229,646	4,154,437	4,226,680	812,644	316,432	12,775,727
Number of households	-	-	-	-	-	-	-	17,672,258
Average area/household	-	-	-	-	-	-	-	0.72
Number of holders	1,903,225	5,643,623	4,322,441	3,906,360	1,981,344	175,102	23,153	17,955,249
Average area/holder	0.02	0.18	0.52	1.06	2.13	4.64	13.67	0.71
Permanent crop area	43,247	395,184	398,374	435,051	322,601	64,830	30,298	1,689,584
Number of households	-	-	-	-	-	-	-	12,911,422
Average area/household	-	-	-	-	-	-	-	0.13
Number of holders	1,898,122	4,533,698	2,915,102	2,410,612	1,131,163	82,813	12,511	12,984,021
Average area/holder	0.02	0.09	0.14	0.18	0.29	0.78	2.42	0.13
All crop area	86,658	1,387,661	2,628,019	4,589,488	4,549,282	877,474	346,730	14,465,311
Number of households	-	-	-	-	-	-	-	18,611,380
Average area/household	-	-	-	-	-	-	-	0.78
Number of holders	2,390,851	6,008,939	4,406,602	3,933,573	1,992,110	175,165	23,207	18,930,447
Average area/holder	0.04	0.23	0.60	1.17	2.28	5.01	14.94	0.76
Fallow land	1,204	22,468	55,271	106,252	106,581	31,720	*	331,229
Graz`ing land	6,487	138,948	267,686	524,615	629,876	151,086	36,075	1,754,772
Wood land	1,909	39,272	60,609	82,069	91,693	13,362	14,766	303,680
Other land use	32,414	128,457	200,411	257,228	237,558	54,711	10,171	920,949
All land use	128,672	1,716,806	3,211,996	5,559,653	5,614,990	1,128,352	415,473	17,775,941
Number of households	-	-	-	-	-	-	-	19,402,258
Average holding /HH (ha)	-	-	-	-	-	-	-	0.92
Number of holders	3,059,579	6,074,352	4,446,184	3,960,925	1,995,694	176,494	23,207	19,736,434
Aver. holding/holder (ha)	0.04	0.28	0.72	1.40	2.81	6.39	17.90	0.90
Members of households	-	-	-	-	-	-	-	100,450,106
Average household size	-	-	-	-	-	-	-	5.18

Table 1.2 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Afar Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	40	808	2,575	2,769	2,090	2,421	-	10,703
Number of households	-	-	-	-	-	-	-	11,941
Average area/household	-	-	-	-	-	-	-	0.90
Number of holders	1,271	3,318	3,845	2,070	1,059	378	-	11,941
Average area/holder	0.03	0.24	0.67	1.34	1.97	6.40	-	0.90
Permanent crop area	5	36	-	-	-	-	-	41
Number of households	-	-	-	-	-	-	-	332
Average area/household	-	-	-	-	-	-	-	0.12
Number of holders	254	79	-	-	-	-	-	332
Average area/holder	0.02	0.46	-	-	-	-	-	0.12
All crop area	44	844	2,575	2,769	2,090	2,421	-	10,744
Number of households	-	-	-	-	-	-	-	12,274
Average area/household	-	-	-	-	-	-	-	0.88
Number of holders	1,525	3,396	3,845	2,070	1,059	378	-	12,274
Average area/holder	0.03	0.25	0.67	1.34	1.97	6.40	-	0.88
Fallow land	2	20	-	*	44	*	-	*
Graz`ing land	*	12	13	10	10	*	-	*
Wood land	-	-	-	-	-	-	-	-
Other land use	2,142	725	601	492	1,085	*	-	5,057
All land use	2,188	1,601	3,189	3,311	3,229	2,533	-	16,051
Number of households	-	-	-	-	-	-	-	93,638
Average holding /HH (ha)	-	-	-	-	-	-	-	0.17
Number of holders	78,233	6,830	4,477	2,383	1,337	378	-	93,638
Aver. holding/holder (ha)	0.03	0.23	0.71	1.39	2.42	6.70	-	0.17
Members of households	-	-	-	-	-	-	-	567,251
Average household size	-	-	-	-	-	-	-	6.06

Table 1.3 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Amhara Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	10,311	261,072	773,276	1,723,147	1,628,973	217,303	104,630	4,718,713
Number of households	-	-	-	-	-	-	-	4,698,084
Average area/household	-	-	-	-	-	-	-	1
Number of holders	347,870		1,233,117	1,402,822	676,654	39,914	6,381	4,774,908
Average area/holder	0.03	0.24	0.63	1.23	2.41	5.44	16.40	0.99
Permanent crop area	1,309	11,410	15,828	22,190	12,445	*	32	64,422
Number of households	-	-	-	-	-	-	-	2,266,166
Average area/household	-	-	-	-	-	-	-	0.03
Number of holders	173,372	446,048	571,223	724,271	341,209	13,896	1,008	2,271,028
Average area/holder	0.01	0.03	0.03	0.03	0.04	*	0.03	0.03
All crop area	11,620	272,482	789,104	1,745,336	1,641,418	218,512	104,662	4,783,135
Number of households	-	-	-	-	-	-	-	4,756,179
Average area/household	-	-	-	-	-	-	-	1.01
Number of holders	381,929		1,237,829	1,406,467	677,384	39,914	6,381	4,834,622
Average area/holder	0.03	0.25	0.64	1.24	2.42	5.47	16.40	0.99
Fallow land	104	3,800	9,992	21,752	20,814	6,811	-	63,272
Graz`ing land	736	18,634	54,790	117,448	122,192	14,402	6,189	334,391
Wood land	566	9,627	19,987	35,899	40,518	2,935	2,797	112,329
Other land use	4,857	22,385	55,948	76,696	58,445	4,158	780	223,268
All land use	17,884	326,928	929,821	1,997,131	1,883,386	246,817	114,429	5,516,395
Number of households	-	-	-	-	-	-	-	4,894,121
Average holding /HH (ha)	-	-	-	-	-	-	-	1.13
Number of holders	498,222	1,098,423	1,249,256	1,409,563	678,675	39,914	6,381	4,980,433
Aver. holding/holder (ha)	0.04	0.30	0.74	1.42	2.78	6.18	17.93	1.11
Members of households	-	-	-	-	-	-	-	21,789,876
Average household size	-	-	-	-	-	-	-	4.45

Table 1.4 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Oromia Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	14,172	416,753	1,031,579	1,956,841	2,248,013	529,951	160,560	6,357,868
Number of households	-	-	-	-	-	-	-	7,689,539
Average area/household	-	-	-	-	-	-	-	0.83
Number of holders	537,477	2,120,112	2,024,307	1,941,977	1,117,759	118,629	12,541	7,872,803
Average area/holder	0.03	0.20	0.51	1.01	2.01	4.47	12.80	0.81
Permanent crop area	8,998	158,228	229,965	299,720	250,648	50,522	22,504	1,020,585
Number of households	-	-	-	-	-	-	-	5,179,501
Average area/household	-	-	-	-	-	-	-	0.20
Number of holders	440,134	1,582,910	1,333,397	1,174,377	633,320	56,655	8,092	5,228,885
Average area/holder	0.02	0.10	0.17	0.26	0.40	0.89	2.78	0.20
All crop area	23,170	574,981	1,261,544	2,256,561	2,498,661	580,473	183,063	7,378,453
Number of households	-	-	-	-	-	-	-	7,970,844
Average area/household	-	-	-	-	-	-	-	0.93
Number of holders	643,875	2,253,213	2,069,568	1,957,017	1,127,091	118,629	12,541	8,181,934
Average area/holder	0.04	0.26	0.61	1.15	2.22	4.89	14.60	0.90
Fallow land	449	7,326	24,353	58,499	61,757	12,502	277	165,163
Graz`ing land	1,211	41,399	124,648	311,441	454,953	125,227	27,337	1,086,215
Wood land	329	5,269	13,531	22,699	41,966	8,663	11,393	103,851
Other land use	8,506	46,393	87,149	140,951	150,784	45,941	8,062	487,784
All land use	33,665	675,368	1,511,224	2,790,150	3,208,121	772,806	230,132	9,221,466
Number of households	-	-	-	-	-	-	-	8,207,613
Average holding /HH (ha)	-	-	-	-	-	-	-	1.12
Number of holders	810,292	2,284,951	2,088,675	1,978,943	1,128,818	119,958	12,541	8,424,179
Aver. holding/holder (ha)	0.04	0.30	0.72	1.41	2.84	6.44	18.35	1.09
Members of households	-	-	-	-	-	-	-	44,880,383
Average household size	-	-	-	-	-	-	-	5.47

Table 1.5 Land Use Area (in hectare), Number of Households and Holders by Size of Holding 2021/22 (2014 E.C.) ,

Somale Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	153	5,556	7,015	6,592	2,788	844	8,828	31,778
Number of households	-	-	-	-	-	-	-	41,734
Average area/household	-	-	-	-	-	-	-	0.76
Number of holders	4,016	19,464	11,101	5,683	1,211	108	151	41,734
Average area/holder	0.04	0.29	0.63	1.16	2.30	7.81	58.46	0.76
Permanent crop area	35	518	310	290	36	-	-	1,189
Number of households	-	-	-	-	-	-	-	3,920
Average area/household	-	-	-	-	-	-	-	0.30
Number of holders	752	1,897	666	513	92	-	-	3,920
Average area/holder	0.05	0.27	0.47	0.57	0.39	-	-	0.30
All crop area	189	6,075	7,325	6,882	2,824	844	8,828	32,967
Number of households	-	-	-	-	-	-	-	43,685
Average area/household	-	-	-	-	-	-	-	0.75
Number of holders	4,572	20,576	11,329	5,739	1,211	108	151	43,685
Average area/holder	0.04	0.30	0.65	1.20	2.33	7.81	58.46	0.75
Fallow land	21	5	64	63	30	-	-	182
Graz`ing land	8	26	115	256	129	-	-	534
Wood land	2	-	-	-	-	-	-	2
Other land use	6,204	1,749	916	416	890	3	6	10,184
All land use	6,423	7,855	8,420	7,617	3,873	847	8,834	43,869
Number of households	-	-	-	-	-	-	-	301,577
Average holding /HH (ha)	-	-	-	-	-	-	-	0.15
Number of holders	254,945	27,221	11,844	5,865	1,499	108	151	301,632
Aver. holding/holder (ha)	0.03	0.29	0.71	1.30	2.58	7.84	58.50	0.15
Members of households	-	-	-	-	-	-	-	2,174,983
Average household size	-	-	-	-	-	-	-	7.21

Table 1.6 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Benishangul – Gumuz

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	865	15,032	25,095	64,444	98,617	23,394	*	260,363
Number of households	-	-	-	-	-	-	-	217,117
Average area/household	-	-	-	-	-	-	-	1.20
Number of holders	27,576	59,705	39,864	48,020	37,602	4,200	*	219,704
Average area/holder	0.03	0.25	0.63	1.34	2.62	5.57	*	1.19
Permanent crop area	97	785	790	1,193	844	*	*	4,026
Number of households	-	-	-	-	-	-	-	132,896
Average area/household	-	-	-	-	-	-	-	0.03
Number of holders	17,377	29,453	24,990	32,071	24,783	2,470	*	133,164
Average area/holder	0.01	0.03	0.03	0.04	0.03	*	*	0.03
All crop area	963	15,817	25,884	65,636	99,461	23,468	*	264,389
Number of households	-	-	-	-	-	-	-	218,990
Average area/household	-	-	-	-	-	-	-	1.21
Number of holders	29,362	59,825	39,890	48,020	37,602	4,200	*	221,635
Average area/holder	0.03	0.26	0.65	1.37	2.65	5.59	*	1.19
Fallow land	*	527	1,203	2,447	*	*	*	*
Graz`ing land	-	*	*	*	480	*	-	626
Wood land	*	68	*	61	102	*	*	296
Other land use	236	817	1,060	1,142	1,318	99	*	4,925
All land use	1,229	17,292	28,207	69,322	108,110	26,136	*	291,094
Number of households	-	-	-	-	-	-	-	220,156
Average holding /HH (ha)	-	-	-	-	-	-	-	1.32
Number of holders	30,613	59,825	39,890	48,123	37,602	4,200	*	222,989
Aver. holding/holder (ha)	0.04	0.29	0.71	1.44	2.88	6.22	*	1.31
Members of households	-	-	-	-	-	-	-	1,135,677
Average household size	-	-	-	-	-	-	-	5.16

Table 1.7 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

S.N.N.P. Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	15,288	253,784	357,119	373,578	230,047	38,216	8,612	1,276,645
Number of households	-	-	-	-	-	-	-	4,135,160
Average area/household	-	-	-	-	-	-	-	0.31
Number of holders	781,634		885,683	455,707	136,009	11,676	1,201	4,154,011
Average area/holder	0.02	0.13	0.40	0.82	1.69	3.27	7.17	0.31
Permanent crop area	21,571	152,669	117,009	89,711	46,055	12,085	3,790	442,891
Number of households	-	-	-	-	-	-	-	4,225,245
Average area/household	-	-	-	-	-	-	-	0.10
Number of holders	925,069		855,801	431,177	121,088	9,537	1,201	4,239,752
Average area/holder	0.02	0.08	0.14	0.21	0.38	1.27	3.16	0.10
All crop area	36,859	406,453	474,128	463,289	276,102	50,302	12,402	1,719,536
Number of households	-	-	-	-	-	-	-	4,464,798
Average area/household	-	-	-	-	-	-	-	0.39
Number of holders	982,291	1,983,848	908,542	464,059	136,273	11,676	1,201	4,487,890
Average area/holder	0.04	0.20	0.52	1	2.03	4.31	10.33	0.38
Fallow land	537	10,358	19,405	21,973	16,304	9,819	75	78,471
Graz`ing land	2,502	55,503	71,670	86,381	51,302	11,169	2,549	281,075
Wood land	694	16,955	23,926	22,490	9,069	1,730	569	75,432
Other land use	7,743	45,680	49,632	33,464	23,049	4,489	1,066	165,122
All land use	48,335	534,949	638,761	627,596	375,827	77,508	16,660	2,319,636
Number of households	-	-	-	-	-	-	-	4,528,962
Average holding /HH (ha)	-	-	-	-	-	-	-	0.51
Number of holders	1,030,62	1,992,054	915,832	465,812	136,273	11,676	1,201	4,553,473
Aver. holding/holder (ha)	0.05	0.27	0.70	1.35	2.76	6.64	13.87	0.51
Members of households	-	-	-	-	-	-	-	24,085,445
Average household size	-	-	-	-	-	-	-	5.29

Table 1.8 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Sidama Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	2,115	29,274	23,039	20,591	13,205	-	-	88,224
Number of households	-	-	-	-	-	-	-	765,858
Average area/household	-	-	-	-	-	-	-	0.12
Number of holders	187,897	429,851	100,590	40,751	7,925	-	-	767,014
Average area/holder	0.01	0.07	0.23	0.51	1.67	-	-	0.12
Permanent crop area	10,853	66,706	28,976	17,093	7,746	-	-	131,374
Number of households	-	-	-	-	-	-	-	1,016,114
Average area/household	-	-	-	-	-	-	-	0.13
Number of holders	326,906	534,543	110,360	39,822	7,925	-	-	1,019,557
Average area/holder	0.03	0.12	0.26	0.43	0.98	-	-	0.13
All crop area	12,968	95,980	52,015	37,684	20,951	-	-	219,599
Number of households	-	-	-	-	-	-	-	1,024,053
Average area/household	-	-	-	-	-	-	-	0.21
Number of holders	328,220	539,582	111,017	40,751	7,925	-	-	1,027,496
Average area/holder	0.04	0.18	0.47	0.92	2.64	-	-	0.21
Fallow land	58	268	50	1,333	-	-	-	1,709
Graz`ing land	2,029	23,139	16,100	8,748	674	-	-	50,690
Wood land	315	7,337	3,069	888	13	-	-	11,622
Other land use	2,433	8,834	3,537	3,308	966	-	-	19,078
All land use	17,802	135,559	74,771	51,961	22,604	-	-	302,698
Number of households	-	-	-	-	-	-	-	1,025,661
Average holding /HH (ha)	-	-	-	-	-	-	-	0.30
Number of holders	328,877	540,533	111,017	40,751	7,925	-	-	1,029,103
Aver. holding/holder (ha)	0.05	0.25	0.67	1.28	2.85	-	-	0.29
Members of households	-	-	-	-	-	-	-	5,233,708
Average household size	-	-	-	-	-	-	-	5.10

Table 1.9 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Gambela Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	188	3,647	2,346	1,740	1,377	502	885	10,686
Number of households	-	-	-	-	-	-	-	38,313
Average area/household	-	-	-	-	-	-	-	0.28
Number of holders	6,127	20,284	6,381	3,470	1,907	156	144	38,468
Average area/holder	0.03	0.18	0.37	0.50	0.72	3.22	6.15	0.28
Permanent crop area	108	1,085	1,980	2,753	4,242	939	3,729	14,836
Number of households	-	-	-	-	-	-	-	26,618
Average area/household	-	-	-	-	-	-	-	0.56
Number of holders	4,977	10,485	5,359	3,257	2,196	214	189	26,678
Average area/holder	0.02	0.10	0.37	0.85	1.93	4.39	19.73	0.56
All crop area	297	4,732	4,326	4,493	5,619	1,442	4,614	25,522
Number of households	-	-	-	-	-	-	-	42,105
Average area/household	-	-	-	-	-	-	-	0.61
Number of holders	7,587	21,524	6,940	3,589	2,252	219	197	42,308
Average area/holder	0.04	0.22	0.62	1.25	2.50	6.58	23.42	0.60
Fallow land	1	28	18	104	156	17	*	325
Graz`ing land	*	15	40	65	107	-	-	228
Wood land	*	3	15	29	23	-	-	70
Other land use	91	1,112	842	312	234	8	7	2,606
All land use	390	5,891	5,241	5,004	6,139	1,466	4,621	28,751
Number of households	-	-	-	-	-	-	-	46,316
Average holding /HH (ha)	-	-	-	-	-	-	-	0.62
Number of holders	10,613	22,167	7,550	3,624	2,252	219	197	46,621
Aver. holding/holder (ha)	0.04	0.27	0.69	1.38	2.73	6.69	23.46	0.62
Members of households	-	-	-	-	-	-	-	272,597
Average household size	-	-	-	-	-	-	-	5.89

Table 1.10 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Harari Region

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	149	2,808	3,852	3,320	244	11	-	10,383
Number of households	-	-	-	-	-	-	-	44,094
Average area/household	-	-	-	-	-	-	-	0.24
Number of holders	5,561	23,128	10,746	4,397	297	41	-	44,170
Average area/holder	0.03	0.12	0.36	0.76	0.82	0.27	-	0.24
Permanent crop area	213	3,127	3,190	2,003	569	2	-	9,104
Number of households	-	-	-	-	-	-	-	45,115
Average area/household	-	-	-	-	-	-	-	0.20
Number of holders	6,520	23,190	10,652	4,397	392	41	-	45,192
Average area/holder	0.03	0.13	0.30	0.46	1.45	0.05	-	0.20
All crop area	362	5,935	7,042	5,322	813	13	-	19,487
Number of households	-	-	-	-	-	-	-	47,174
Average area/household	-	-	-	-	-	-	-	0.41
Number of holders	7,206	24,380	10,835	4,397	392	41	-	47,250
Average area/holder	0.05	0.24	0.65	1.21	2.07	0.32	-	0.41
Fallow land	-	64	58	31	3	-	-	157
Graz`ing land	*	58	124	89	24	226	-	522
Wood land	*	14	59	2	1	-	-	77
Other land use	72	433	407	209	224	*	-	1,345
All land use	435	6,505	7,689	5,654	1,065	239	-	21,587
Number of households	-	-	-	-	-	-	-	47,792
Average holding /HH (ha)	-	-	-	-	-	-	-	0.45
Number of holders	7,823	24,380	10,835	4,397	392	41	-	47,868
Aver. holding/holder (ha)	0.06	0.27	0.71	1.29	2.72	5.83	-	0.45
Members of households	-	-	-	-	-	-	-	267,301
Average household size	-	-	-	-	-	-	-	5.59

Table 1.11 Land Use Area (in hectare), Number of Households and Holders by Size of Holding, 2021/22 (2014 E.C.)

Dire Dawa

Items	Holding Size							
	Under 0.10	0.10 – 0.50	0.51 – 1.0	1.01 – 2.0	2.01 – 5	5.01- 10	Over 10	Total
Temporary crop area	128	3,742	3,750	1,417	1,327	-	-	10,363
Number of households	-	-	-	-	-	-	-	30,419
Average area/household	-	-	-	-	-	-	-	0.34
Number of holders	3,795	17,508	6,807	1,463	921	-	-	30,494
Average area/holder	0.03	0.21	0.55	0.97	1.44	-	-	0.34
Permanent crop area	57	619	325	99	16	-	-	1,117
Number of households	-	-	-	-	-	-	-	15,514
Average area/household	-	-	-	-	-	-	-	0.07
Number of holders	2,761	9,215	2,654	727	158	-	-	15,514
Average area/holder	0.02	0.07	0.12	0.14	0.10	-	-	0.07
All crop area	185	4,361	4,076	1,516	1,343	-	-	11,480
Number of households	-	-	-	-	-	-	-	31,277
Average area/household	-	-	-	-	-	-	-	0.37
Number of holders	4,285	17,876	6,807	1,463	921	-	-	31,352
Average area/holder	0.04	0.24	0.60	1.04	1.46	-	-	0.37
Fallow land	5	72	128	10	725	-	-	939
Graz`ing land	-	98	150	142	5	-	-	395
Wood land	-	-	-	-	-	-	-	-
Other land use	131	328	319	238	564	-	-	1,580
All land use	321	4,859	4,673	1,906	2,636	-	-	14,394
Number of households	-	-	-	-	-	-	-	36,422
Average holding /HH (ha)	-	-	-	-	-	-	-	0.40
Number of holders	9,336	17,969	6,807	1,463	921	-	-	36,496
Aver. holding/holder (ha)	0.03	0.27	0.69	1.30	2.86	-	-	0.39
Members of households	-	-	-	-	-	-	-	199,881
Average household size	-	-	-	-	-	-	-	5.49

Table 2 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Ethiopia

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	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	100,450,106	19,402,753	495,053	4,280,792	6,763,060	7,052,026	811,821
Under 0.10 Hectare	13,334,673	2,968,340	215,570	928,739	967,087	744,455	112,489
0.10 - 0.50 Hectare	29,211,221	5,897,074	169,249	1,501,886	2,070,617	1,949,737	205,585
0.51 - 1 Hectare	22,914,088	4,377,901	71,961	943,053	1,550,760	1,626,029	186,099
1.01 - 2 Hectare	21,471,126	3,923,214	29,887	669,921	1,466,802	1,590,331	166,274
2.01 - 5 Hectare	12,123,186	2,029,194	8,386	220,704	659,731	1,024,192	116,181
5.01 - 10 Hectare	1,229,470	182,456	-	13,801	41,369	106,963	20,324
Over 10 Hectare	166,342	24,572	-	2,688	6,695	10,320	4,870

Table 2.2 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Afar Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	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	567,251	93,638	1,008	12,097	27,583	45,005	7,945
Under 0.10 Hectare	472,269	78,233	683	10,449	23,709	36,888	6,504
0.10 - 0.50 Hectare	44,196	6,830	*	651	1,380	3,908	804
0.51 - 1 Hectare	25,765	4,477	122	598	1,176	2,263	319
1.01 - 2 Hectare	12,844	2,383	116	352	911	803	200
2.01 - 5 Hectare	9,326	1,337	-	48	324	880	84
5.01 - 10 Hectare	2,851	378	-	-	*	262	*
Over 10 Hectare	-	-	-	-	-	-	-

Table 2.3 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Amhara Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	Household s with one Member	Household s with 2-3 Members	Household s with 4-5 Members	Household s with 6-9 Members	Household s with 10 or More Members
All	21,829,172	4,894,121	210,801	1,419,555	1,896,443	1,320,728	46,595
Under 0.10 Hectare	1,398,365	476,522	97,546	228,559	113,077	36,596	*
0.10 - 0.50 Hectare	4,091,841	1,056,727	66,792	420,937	388,101	175,121	5,777
0.51 - 1 Hectare	5,399,911	1,226,253	31,196	385,606	493,601	308,677	7,174
1.01 - 2 Hectare	6,831,095	1,394,400	12,019	286,426	627,910	453,874	14,172
2.01 - 5 Hectare	3,811,177	691,437	3,247	93,287	256,733	322,060	16,110
5.01 - 10 Hectare	264,603	42,220	-	3,274	14,038	22,290	2,617
Over 10 Hectare	32,180	6,560	-	1,466	2,983	2,111	-

Table 2.4 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Oromia Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	Household s with one Member	Household s with 2-3 Members	Household s with 4-5 Members	Household s with 6-9 Members	Household s with 10 or More Members
All	45,014,516	8,207,613	141,483	1,589,218	2,714,776	3,302,718	459,418
Under 0.10 Hectare	3,335,159	756,072	46,606	241,918	260,407	187,843	19,299
0.10 - 0.50 Hectare	11,146,411	2,164,494	50,333	528,329	725,037	759,557	101,237
0.51 - 1 Hectare	11,190,569	2,043,542	26,071	393,198	701,939	799,503	122,831
1.01 - 2 Hectare	11,228,793	1,957,202	14,006	309,829	657,192	866,349	109,826
2.01 - 5 Hectare	7,159,314	1,149,708	4,467	106,134	345,138	608,670	85,299
5.01 - 10 Hectare	843,521	122,781	-	8,675	24,255	73,403	16,448
Over 10 Hectare	110,749	13,814	-	1,135	808	7,393	4,478

Table 2.5 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Somalie Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	Household s with one Member	Household s with 2-3 Members	Household s with 4-5 Members	Household s with 6-9 Members	Household s with 10 or More Members
All	2,175,149	301,577	1,947	25,095	62,475	148,141	63,919
Under 0.10 Hectare	1,854,180	254,890	1,709	22,127	51,767	122,667	56,619
0.10 - 0.50 Hectare	191,381	27,221	238	994	6,694	14,510	4,785
0.51 - 1 Hectare	79,614	11,844	-	1,064	2,405	6,902	1,473
1.01 - 2 Hectare	38,674	5,865	-	805	1,152	2,999	908
2.01 - 5 Hectare	9,793	1,499	-	104	305	956	134
5.01 - 10 Hectare	754	108	-	-	-	108	-
Over 10 Hectare	753	151	-	-	151	-	-

Table 2.6 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Benishangul – Gumuz Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	Household s with one Member	Household s with 2-3 Members	Household s with 4-5 Members	Household s with 6-9 Members	Household s with 10 or More Members
All	1,136,737	220,156	9,277	49,109	72,061	79,493	10,216
Under 0.10 Hectare	114,197	30,136	5,259	9,446	9,816	5,158	*
0.10 - 0.50 Hectare	286,523	59,151	1,793	16,724	19,773	19,323	1,537
0.51 - 1 Hectare	206,377	38,827	1,253	7,590	11,725	16,392	1,866
1.01 - 2 Hectare	252,490	47,405	*	10,271	15,677	18,207	2,337
2.01 - 5 Hectare	226,747	37,448	*	4,825	11,814	17,659	3,091
5.01 - 10 Hectare	35,004	4,540	-	*	1,584	2,254	*
Over 10 Hectare	*	*	-	*	*	*	*

Table 2.7 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

S.N.N.P. Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	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	23,748,287	4,529,457	109,495	953,877	1,554,012	1,726,412	185,661
Under 0.10 Hectare	4,623,136	1,018,431	51,250	295,885	372,234	278,061	21,000
0.10 - 0.50 Hectare	10,177,557	1,980,077	43,436	442,476	699,915	722,795	71,455
0.51 - 1 Hectare	5,206,022	915,579	11,688	142,486	290,915	425,188	45,301
1.01 - 2 Hectare	2,805,239	465,724	2,577	57,602	147,673	221,665	36,208
2.01 - 5 Hectare	849,224	136,276	544	13,744	40,903	70,057	11,028
5.01 - 10 Hectare	81,178	12,170	-	1,685	1,353	8,463	669
Over 10 Hectare	5,930	1,201	-	-	1,019	183	-

Table 2.8 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Sidama

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	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	5,238,281	1,025,661	17,880	206,420	394,961	378,496	27,904
Under 0.10 Hectare	1,403,030	326,591	11,362	112,051	127,043	69,555	6,580
0.10 - 0.50 Hectare	2,906,077	538,220	5,415	80,110	208,833	228,289	15,574
0.51 - 1 Hectare	654,865	112,174	1,103	8,463	42,016	55,717	4,875
1.01 - 2 Hectare	236,969	40,751	-	3,938	13,811	22,126	876
2.01 - 5 Hectare	37,341	7,925	-	1,858	3,258	2,809	-
5.01 - 10 Hectare	-	-	-	-	-	-	-
Over 10 Hectare	-	-	-	-	-	-	-

Table 2.9 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)

Gambela Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	Household s with one Member	Household s with 2-3 Members	Household s with 4-5 Members	Household s with 6-9 Members	Household s with 10 or More Members
All	273,077	46,316	1,475	8,580	14,850	16,998	4,413
Under 0.10 Hectare	58,564	10,380	497	2,570	3,148	3,093	1,072
0.10 - 0.50 Hectare	140,194	22,081	599	3,472	6,597	8,788	2,626
0.51 - 1 Hectare	42,679	7,563	194	1,495	2,123	3,225	526
1.01 - 2 Hectare	18,504	3,624	186	416	1,743	1,112	168
2.01 - 5 Hectare	10,410	2,252	-	627	1,160	464	-
5.01 - 10 Hectare	1,396	219	-	-	16	182	21
Over 10 Hectare	1,330	197	-	-	63	134	-

Table 2.10 Distribution of Agricultural Households by Holding size and Household size 2021/22 (2014 E.C.)

Harari Region

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	Household s with one Member	Household s with 2-3 Members	Household s with 4-5 Members	Household s with 6-9 Members	Household s with 10 or More Members
All	267,606	47,792	1,131	9,452	15,264	18,168	3,777
Under 0.10 Hectare	31,816	7,823	410	3,100	2,659	1,616	37
0.10 - 0.50 Hectare	128,411	24,304	387	4,674	8,884	9,420	938
0.51 - 1 Hectare	67,408	10,835	334	1,513	3,064	4,778	1,146
1.01 - 2 Hectare	36,432	4,397	-	165	520	2,274	1,438
2.01 - 5 Hectare	3,375	392	-	-	95	79	218
5.01 - 10 Hectare	163	41	-	-	41	-	-
Over 10 Hectare	-	-	-	-	-	-	-

Table 2.11 Distribution of Agricultural Households by Holding size and Household size, 2021/22 (2014 E.C.)
Dire Dawa

	NUMBER OF HOUSEHOLDS						
Size Of Holding (HA)	Number of Members	All Households	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	200,030	36,422	556	7,388	10,636	15,868	1,973
Under 0.10 Hectare	43,958	9,261	248	2,634	3,227	2,977	176
0.10 - 0.50 Hectare	98,630	17,969	169	3,519	5,402	8,028	852
0.51 - 1 Hectare	40,878	6,807	-	1,040	1,795	3,383	589
1.01 - 2 Hectare	10,085	1,463	69	118	212	923	140
2.01 - 5 Hectare	6,480	921	69	78	-	557	217
5.01 - 10 Hectare	-	-	-	-	-	-	-
Over 10 Hectare	-	-	-	-	-	-	-

Table 3: Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)**Ethiopia**

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	23,168	1,227	24,395	31,669	12,292	43,961	23,042	*	25,413	77,879	15,890	93,769
18 – 20	101,182	7,589	108,772	32,041	14,165	46,205	170,213	14,570	184,783	303,436	36,324	339,760
21 – 24	163,784	16,857	180,641	25,645	13,445	39,090	414,763	24,388	439,151	604,192	54,690	658,882
25 – 29	373,644	37,918	411,561	67,370	26,941	94,312	1,380,087	115,503	1,495,590	1,821,101	180,362	2,001,463
30 – 39	548,198	108,876	657,074	128,129	76,988	205,118	4,058,499	494,497	4,552,995	4,734,826	680,360	5,415,187
40 – 49	282,484	111,512	393,996	103,313	59,186	162,499	3,452,837	621,028	4,073,864	3,838,633	791,726	4,630,359
50 – 59	140,010	133,674	273,684	58,727	43,084	101,811	2,123,556	530,145	2,653,701	2,322,292	706,903	3,029,195
>=60	262,652	248,461	511,114	74,394	76,986	151,380	2,518,746	659,784	3,178,530	2,855,792	985,232	3,841,024
All	1,895,122	666,114	2,561,236	521,288	323,088	844,375	14,141,742	2,462,286	16,604,028	16,558,152	3,451,487	20,009,639

Table 3.2 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)**Afar Region**

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	-	-	-	270	*	542	-	-	-	270	*	542
18 – 20	-	*	*	833	770	1,603	277	*	285	1,110	865	1,975
21 – 24	-	-	-	1,784	1,480	3,264	408	*	511	2,192	1,583	3,775
25 – 29	*	-	*	7,537	3,757	11,294	1,429	249	1,678	9,155	4,006	13,161
30 – 39	*	-	*	17,912	7,364	25,276	3,382	626	4,007	21,398	7,989	29,387
40 – 49	207	-	207	15,666	4,302	19,968	2,482	414	2,896	18,356	4,716	23,072
50 – 59	69	-	69	7,298	2,412	9,710	1,035	128	1,164	8,402	2,541	10,942
>=60	-	*	*	6,199	2,888	9,087	1,811	*	1,905	8,010	3,027	11,037
All	569	*	700	57,499	23,246	80,745	10,824	1,622	12,446	68,892	25,000	93,892

Table 3.3 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)**Amhara Region**

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	5,088	1,227	6,315	12,737	6,409	19,146	3,622	*	4,635	21,448	8,649	30,096
18 – 20	16,479	3,509	19,988	8,315	5,803	14,118	26,692	*	27,648	51,486	10,268	61,753
21 – 24	35,128	5,521	40,649	8,246	3,882	12,128	86,331	5,722	92,053	129,705	15,125	144,830
25 – 29	80,665	7,582	88,247	12,745	5,154	17,899	298,301	19,196	317,496	391,710	31,932	423,642
30 – 39	114,192	32,838	147,031	15,687	15,309	30,996	905,397	93,864	999,260	1,035,276	142,011	1,177,287
40 – 49	58,749	27,815	86,564	5,937	11,084	17,021	873,665	127,540	1,001,205	938,351	166,440	1,104,791
50 – 59	39,136	50,007	89,143	2,561	14,548	17,108	690,686	132,648	823,334	732,382	197,203	929,585
>=60	80,432	79,444	159,876	10,133	24,007	34,140	826,360	172,324	998,684	916,925	275,775	1,192,700
All	429,870	207,943	637,813	76,360	86,196	162,556	3,711,053	553,263	4,264,316	4,217,283	847,401	5,064,684

Table 3.4 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)**Oromia Region**

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	14,130	-	14,130	11,111	4,411	15,521	16,150	*	17,416	41,390	5,677	47,067
18 – 20	51,906	*	54,488	13,767	3,385	17,152	95,996	12,606	108,602	161,669	18,572	180,241
21 – 24	78,831	5,892	84,723	10,387	2,024	12,410	224,041	11,562	235,602	313,259	19,477	332,735
25 – 29	150,757	11,059	161,816	26,366	3,129	29,495	662,132	50,331	712,464	839,255	64,519	903,774
30 – 39	211,560	35,161	246,720	43,007	17,341	60,348	1,870,247	212,029	2,082,276	2,124,814	264,531	2,389,345
40 – 49	112,188	40,634	152,823	28,997	12,328	41,326	1,496,241	258,609	1,754,850	1,637,427	311,572	1,948,999
50 – 59	55,773	42,295	98,068	13,546	10,483	24,028	853,568	207,842	1,061,410	922,886	260,620	1,183,506
>=60	103,063	96,347	199,411	25,301	24,621	49,922	1,030,687	276,839	1,307,526	1,159,051	397,808	1,556,859
All	778,208	233,969	1,012,177	172,481	77,722	250,202	6,249,062	1,031,085	7,280,147	7,199,751	1,342,776	8,542,526

Table 3.5 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)

Somali Region

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	-	-	-	-	500	500	*	-	*	*	500	645
18 – 20	-	*	*	1,589	2,357	3,946	*	*	*	1,719	2,577	4,295
21 – 24	*	-	*	2,091	3,029	5,120	*	*	456	2,645	3,195	5,840
25 – 29	*	733	1,084	12,290	10,473	22,763	1,711	1,678	3,389	14,352	12,884	27,236
30 – 39	918	1,775	2,693	39,009	30,712	69,721	8,048	3,608	11,656	47,975	36,096	84,070
40 – 49	721	606	1,327	42,453	26,326	68,779	9,542	3,945	13,488	52,717	30,877	83,594
50 – 59	*	*	*	30,504	13,378	43,882	5,076	1,147	6,223	35,713	14,558	50,271
>=60	*	*	966	27,841	17,649	45,490	3,040	867	3,907	31,528	18,835	50,364
All	3,035	3,491	6,525	155,776	104,425	260,201	27,982	11,606	39,588	186,793	119,522	306,314

Table 3.6 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)

Benishangul – Gumuz Region

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	*	-	*	-	-	-	*	-	*	570	-	570
18 – 20	1,138	-	1,138	*	-	*	1,051	*	1,367	2,761	*	3,076
21 – 24	1,816	*	2,170	*	-	*	4,210	*	5,008	6,286	1,152	7,438
25 – 29	6,167	*	7,582	-	*	*	19,952	1,868	21,819	26,119	3,387	29,506
30 – 39	9,450	5,194	14,644	*	*	*	50,018	5,217	55,234	59,566	11,208	70,774
40 – 49	3,936	2,473	6,409	-	-	-	34,521	7,491	42,012	38,457	9,964	48,421
50 – 59	2,655	2,113	4,768	-	-	-	21,341	6,174	27,515	23,996	8,287	32,283
>=60	3,472	2,687	6,159	*	-	*	35,233	9,669	44,903	38,809	12,356	51,165
All	29,011	14,235	43,246	1,033	*	1,934	166,521	31,531	198,052	196,564	46,668	243,232

Table 3.7 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)**S.N.N.P. Region**

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	3,574	-	3,574	7,552	*	8,252	2,931	-	2,931	14,057	*	14,757
18 – 20	26,402	*	27,727	6,952	*	8,727	41,641	*	41,972	74,994	3,431	78,426
21 – 24	31,129	4,999	36,128	2,765	2,582	5,347	84,018	3,768	87,787	117,912	11,349	129,261
25 – 29	97,119	10,030	107,149	7,465	4,127	11,592	309,720	32,164	341,884	414,304	46,321	460,625
30 – 39	146,711	29,120	175,831	9,363	4,632	13,995	948,397	147,550	1,095,947	1,104,471	181,302	1,285,773
40 – 49	78,798	29,803	108,602	8,617	4,415	13,032	847,414	185,176	1,032,589	934,829	219,394	1,154,223
50 – 59	31,993	32,044	64,037	4,361	*	5,846	433,563	153,553	587,116	469,918	187,082	657,000
>=60	61,898	53,781	115,679	4,091	6,901	10,992	507,771	175,931	683,702	573,760	236,613	810,373
All	477,624	161,103	638,727	51,165	26,616	77,781	3,175,455	698,474	3,873,929	3,704,245	886,193	4,590,437

Table 3.8 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)**Sidama Region**

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	-	-	-	-	-	-	-	-	-	-	-	-
18 – 20	*	-	*	-	-	-	*	-	*	7,440	-	7,440
21 – 24	15,566	-	15,566	-	-	-	12,655	*	14,440	28,221	*	30,005
25 – 29	35,834	6,807	42,642	-	-	-	73,924	8,480	82,405	109,759	15,288	125,046
30 – 39	59,639	*	63,341	*	-	*	245,472	26,716	272,188	306,268	30,418	336,686
40 – 49	25,004	8,890	33,895	-	-	-	166,865	33,929	200,795	191,870	42,820	234,689
50 – 59	8,334	6,548	14,882	-	-	-	108,388	24,462	132,850	116,722	31,010	147,732
>=60	11,553	14,959	26,512	-	-	-	104,353	20,882	125,235	115,906	35,841	151,746
All	160,360	40,906	201,266	*	-	*	714,668	116,254	830,922	876,184	157,160	1,033,345

Table 3.9 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)

Gambela Region

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	-	-	-	-	-	-	-	*	*	-	*	*
18 – 20	338	*	400	*	*	*	*	*	293	561	180	741
21 – 24	491	*	583	*	*	*	1,061	230	1,291	1,570	525	2,095
25 – 29	1,080	292	1,373	*	*	319	2,757	1,314	4,071	4,128	1,634	5,762
30 – 39	3,272	966	4,238	661	562	1,223	7,009	2,674	9,682	10,942	4,201	15,143
40 – 49	1,726	844	2,570	*	385	686	6,926	2,361	9,287	8,953	3,590	12,543
50 – 59	1,009	346	1,354	*	267	*	3,461	1,411	4,872	4,620	2,023	6,644
>=60	797	583	1,380	*	*	137	3,142	1,125	4,267	3,993	1,790	5,784
All	8,713	3,184	11,897	1,489	1,562	3,051	24,565	9,212	33,777	34,767	13,957	48,724

Table 3.10 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)

Harari Region

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	-	-	-	-	-	-	-	-	-	-	-	-
18 – 20	490	-	490	-	-	-	553	-	553	1,043	-	1,043
21 – 24	560	-	560	-	-	-	666	*	703	1,225	*	1,262
25 – 29	1,188	-	1,188	*	-	*	7,083	*	7,164	8,356	*	8,437
30 – 39	2,048	*	2,166	*	-	*	10,913	1,147	12,059	13,127	1,265	14,393
40 – 49	870	447	1,317	*	-	*	8,461	1,041	9,502	9,368	1,488	10,856
50 – 59	696	289	986	-	-	-	4,002	1,730	5,732	4,698	2,019	6,717
>=60	490	*	634	-	*	*	3,483	1,204	4,687	3,974	1,433	5,406
All	6,341	999	7,340	*	*	375	35,161	5,239	40,400	41,792	6,323	48,114

Table 3.11 Distribution of Holders by Age, Holding type and Sex, 2021/22 (2014 E.C.)

Dire Dawa

Holder's Age	Holding type											
	Crop			Livestock			Crop & Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Under 18	-	-	-	-	-	-	-	*	*	-	*	*
18 – 20	-	-	-	-	*	*	654	*	729	654	*	770
21 – 24	-	-	-	*	246	340	1,083	*	1,301	1,177	464	1,641
25 – 29	*	-	*	593	*	761	3,078	*	3,220	3,964	310	4,274
30 – 39	*	-	*	1,068	271	1,340	9,616	1,068	10,684	10,990	1,339	12,329
40 – 49	*	-	*	1,304	345	1,650	6,718	521	7,240	8,305	866	9,172
50 – 59	*	-	*	307	512	819	2,435	1,049	3,484	2,955	1,561	4,515
>=60	299	*	452	672	753	1,424	2,866	849	3,715	3,837	1,754	5,591
All	1,393	*	1,545	4,038	2,335	6,374	26,451	3,999	30,450	31,882	6,487	38,369

Table 4: Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Ethiopia

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	690,297	569,888	1,260,185	298,569	258,952	557,521	6,075,326	2,073,623	8,148,949	7,064,191	2,902,463	9,966,655
Literate (Informal Ed)	99,928	14,525	114,452	28,300	9,688	37,987	1,342,879	93,248	1,436,127	1,471,107	117,460	1,588,567
Grades 1 – 3	248,943	23,592	272,535	38,555	11,502	50,057	1,898,471	130,497	2,028,968	2,185,969	165,591	2,351,560
Grades 4 – 6	384,950	28,314	413,264	61,527	17,697	79,224	2,443,941	96,688	2,540,629	2,890,418	142,699	3,033,117
Grades 7 – 8	225,767	16,472	242,240	41,301	11,032	52,333	1,200,057	38,502	1,238,559	1,467,125	66,006	1,533,131
Grades 9 – 11	112,039	4,317	116,356	15,154	4,894	20,048	512,108	11,615	523,723	639,301	20,826	660,127
Grade 12	5,810	*	5,946	2,630	205	2,835	46,198	*	46,486	54,639	628	55,267
Above grade 12	127,387	8,870	136,258	35,253	9,118	44,371	622,761	17,826	640,587	785,401	35,814	821,215
All	1,895,122	666,114	2,561,236	521,288	323,088	844,375	14,141,742	2,462,286	16,604,028	16,558,152	3,451,487	20,009,639

Table 4.2 : Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Afar Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	390	*	521	51,532	21,603	73,135	8,085	1,428	9,513	60,007	23,163	83,170
Literate (Informal Ed)	-	-	-	1,106	183	1,289	586	-	586	1,692	183	1,875
Grades 1 – 3	*	-	*	1,056	440	1,497	390	*	453	1,462	504	1,966
Grades 4 – 6	*	-	*	1,445	510	1,955	392	*	446	1,879	564	2,443
Grades 7 – 8	*	-	*	934	329	1,263	608	-	608	1,553	329	1,882
Grades 9 - 11	*	-	*	489	155	644	485	-	485	1,061	155	1,216
Grade 12	-	-	-	52	-	52	69	*	77	120	*	129
Above grade 12	*	-	*	886	*	912	209	69	277	1,117	94	1,211
All	569	*	700	57,499	23,246	80,745	10,824	1,622	12,446	68,892	25,000	93,892

Table 4.3 :Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Amahara Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	199,312	179,229	378,541	25,004	62,717	87,722	1,952,449	476,934	2,429,383	2,176,765	718,880	2,895,646
Literate (Informal Ed)	55,223	8,168	63,391	5,531	2,801	8,332	776,940	31,267	808,207	837,695	42,236	879,931
Grades 1 – 3	35,916	2,339	38,255	10,017	4,623	14,640	294,052	16,315	310,367	339,985	23,277	363,262
Grades 4 – 6	62,392	4,448	66,840	11,110	5,146	16,256	385,446	15,013	400,459	458,948	24,607	483,554
Grades 7 – 8	32,894	4,963	37,857	9,366	4,421	13,787	168,901	7,054	175,955	211,161	16,438	227,599
Grades 9 – 11	19,775	3,440	23,214	3,480	2,280	5,760	62,945	*	64,727	86,200	7,501	93,702
Grade 12	-	-	-	*	-	*	4,611	-	4,611	5,807	-	5,807
Above grade 12	24,357	5,357	29,715	10,655	4,208	14,863	65,708	4,898	70,605	100,720	14,462	115,183
All	429,870	207,943	637,813	76,360	86,196	162,556	3,711,053	553,263	4,264,316	4,217,283	847,401	5,064,684

Table 4.4 :Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Oromia Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	269,244	202,191	471,435	79,160	57,634	136,794	2,468,437	869,431	3,337,869	2,816,841	1,129,257	3,946,098
Literate (Informal Ed)	30,918	4,433	35,350	6,777	4,228	11,005	430,225	37,006	467,231	467,920	45,667	513,587
Grades 1 – 3	111,845	9,832	121,677	17,903	3,734	21,637	1,021,823	63,283	1,085,105	1,151,571	76,848	1,228,419
Grades 4 – 6	169,517	10,961	180,478	31,801	6,802	38,603	1,163,194	36,294	1,199,488	1,364,512	54,058	1,418,570
Grades 7 – 8	98,034	5,015	103,048	17,786	3,018	20,804	589,770	15,410	605,180	705,590	23,442	729,033
Grades 9 – 11	45,133	*	45,268	5,027	*	5,633	244,627	3,341	247,968	294,787	4,083	298,870
Grade 12	3,653	*	3,788	*	-	*	25,495	-	25,495	29,442	*	29,578
Above grade12	49,865	*	51,132	13,730	*	15,429	305,492	6,320	311,811	369,087	9,285	378,373
All	778,208	233,969	1,012,177	172,481	77,722	250,202	6,249,062	1,031,085	7,280,147	7,199,751	1,342,776	8,542,526

Table 4.5: Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Somale Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	2,188	3,282	5,469	114,092	93,692	207,784	18,653	10,704	29,357	134,933	107,677	242,610
Literate (Informal Ed)	*	*	291	14,398	2,280	16,678	6,144	306	6,449	20,725	2,693	23,418
Grades 1 – 3	*	-	*	4,936	1,894	6,831	826	*	882	5,913	1,951	7,863
Grades 4 – 6	*	-	*	7,188	3,222	10,410	785	332	1,117	8,032	3,554	11,585
Grades 7 – 8	-	*	*	7,885	2,100	9,985	862	*	1,070	8,747	2,410	11,157
Grades 9 – 11	*	-	*	2,290	*	3,059	*	-	*	2,626	*	3,395
Grade 12	*	-	*	986	205	1,191	*	-	*	1,065	205	1,270
Above grade 12	*	-	*	4,000	263	4,263	454	-	454	4,752	263	5,015
All	3,035	3,491	6,525	155,776	104,425	260,201	27,982	11,606	39,588	186,793	119,522	306,314

Table 4.6: Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Benshangule Gumz Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	11,854	10,521	22,375	-	*	*	77,400	26,677	104,077	89,254	38,100	127,354
Literate (Informal Ed)	2,913	*	3,463	*	-	*	15,227	265	15,492	18,243	*	19,058
Grades 1 – 3	3,616	895	4,511	-	-	-	20,700	1,478	22,177	24,316	2,373	26,688
Grades 4 – 6	4,845	*	6,352	-	-	-	29,901	1,693	31,594	34,747	3,199	37,946
Grades 7 – 8	2,952	-	2,952	*	-	*	10,575	801	11,376	13,610	801	14,412
Grades 9 - 11	1,337	*	1,549	*	-	*	5,491	*	6,109	6,920	*	7,751
Grade 12	*	-	*	-	-	-	*	-	*	*	-	*
Above grade 12	1,315	*	1,865	*	-	*	7,049	-	7,049	9,118	*	9,668
All	29,011	14,235	43,246	1,033	*	1,934	166,521	31,531	198,052	196,564	46,668	243,232

Table 4.7 :Distribution of Holders by Educational level , Holding Type and Sex, 2021/22(2014 E.C.)

S.N.N.P.R Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	170,738	134,855	305,593	26,642	19,537	46,178	1,296,390	581,635	1,878,025	1,493,770	736,027	2,229,797
Literate (Informal Ed)	7,131	*	8,256	*	-	*	94,127	20,892	115,019	101,574	22,016	123,590
Grades 1 – 3	72,182	9,122	81,304	4,305	*	5,002	450,100	40,812	490,912	526,587	50,631	577,218
Grades 4 – 6	99,494	9,022	108,516	8,287	*	10,022	649,457	31,161	680,618	757,238	41,917	799,156
Grades 7 – 8	57,265	5,056	62,321	4,272	*	5,378	322,026	12,672	334,698	383,562	18,835	402,397
Grades 9 – 11	31,990	*	32,381	3,490	*	4,396	156,556	5,254	161,810	192,037	6,551	198,587
Grade 12	1,775	-	1,775	-	-	-	14,279	*	14,501	16,054	*	16,276
Above grade 12	37,050	*	38,582	3,854	*	6,490	192,519	5,825	198,344	233,422	9,994	243,416
All	477,624	161,103	638,727	51,165	26,616	77,781	3,175,455	698,474	3,873,929	3,704,245	886,193	4,590,437

Table 4.8 :Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Sidama Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	30,200	36,336	66,536	-	-	-	215,265	92,601	307,865	245,464	128,937	374,401
Literate (Informal Ed)	*	-	*	-	-	-	14,972	*	18,103	18,059	*	21,190
Grades 1 – 3	23,768	*	25,073	-	-	-	100,991	7,550	108,541	124,759	8,856	133,615
Grades 4 – 6	46,370	*	48,531	*	-	*	200,525	11,187	211,712	248,052	13,348	261,399
Grades 7 – 8	32,407	*	33,510	-	-	-	100,114	*	101,899	132,521	2,888	135,409
Grades 9 – 11	12,222	-	12,222	-	-	-	38,372	-	38,372	50,594	-	50,594
Grade 12	-	-	-	-	-	-	*	-	*	*	-	*
Above grade 12	12,307	-	12,307	-	-	-	43,280	-	43,280	55,587	-	55,587
All	160,360	40,906	201,266	*	-	*	714,668	116,254	830,922	876,184	157,160	1,033,345

Table 4.9 :Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Gambella Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	3,473	2,338	5,811	329	966	1,296	8,598	6,247	14,845	12,400	9,552	21,952
Literate (Informal Ed)	*	*	*	*	-	*	900	-	900	1,082	*	1,131
Grades 1 – 3	873	*	971	*	*	*	1,690	414	2,104	2,729	625	3,354
Grades 4 – 6	1,279	216	1,495	*	*	321	4,194	755	4,949	5,677	1,087	6,764
Grades 7 – 8	1,318	180	1,498	*	*	*	2,716	499	3,215	4,310	737	5,047
Grades 9 - 11	699	*	837	*	*	*	1,912	544	2,456	2,714	784	3,498
Grade 12	*	-	*	*	-	*	*	*	*	*	*	354
Above grade 12	895	164	1,059	*	206	466	4,385	714	5,099	5,539	1,085	6,624
All	8,713	3,184	11,897	1,489	1,562	3,051	24,565	9,212	33,777	34,767	13,957	48,724

Table 4.10 :Distribution of Holders by Educational level , Holding Type and Sex 2021/22 (2014 E.C.)

Harari Region

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	2,541	851	3,392	-	*	*	15,294	4,392	19,686	17,834	5,329	23,163
Literate (Informal Ed)	*	*	*	-	-	-	2,596	*	2,932	2,869	*	3,297
Grades 1 – 3	459	-	459	-	-	-	4,261	293	4,553	4,719	293	5,012
Grades 4 – 6	673	-	673	-	-	-	6,139	*	6,339	6,812	*	7,012
Grades 7 – 8	656	*	711	-	-	-	3,382	-	3,382	4,038	*	4,093
Grades 9 - 11	408	-	408	*	-	*	552	-	552	1,045	-	1,045
Grade 12	*	-	*	-	-	-	*	*	*	*	*	*
Above grade 12	1,200	-	1,200	*	-	*	2,742	-	2,742	4,146	-	4,146
All	6,341	999	7,340	*	*	375	35,161	5,239	40,400	41,792	6,323	48,114

Table 4.11 :Distribution of Holders by Educational level , Holding Type and Sex, 2021/22 (2014 E.C.)

Dire Dawa

Educational level	Holding Type											
	Crop Only			Livestock Only			Crop and Livestock			All		
	Male	Female	Both	Male	Female	Both	Male	Female	Both	Male	Female	Both
Illiterate	358	*	511	1,810	1,816	3,625	14,755	3,574	18,329	16,923	5,542	22,465
Literate (Informal Ed)	*	-	*	*	*	*	1,161	*	1,207	1,248	*	1,490
Grades 1 – 3	*	-	*	*	-	*	3,638	*	3,872	3,928	*	4,162
Grades 4 – 6	*	-	*	335	*	501	3,908	-	3,908	4,521	*	4,687
Grades 7 – 8	*	-	*	*	-	*	1,104	*	1,175	2,032	*	2,103
Grades 9 - 11	*	-	*	*	*	*	961	*	1,036	1,318	*	1,470
Grade 12	-	-	-	-	-	-	-	-	-	-	-	-
Above grade 12	*	-	*	910	*	991	924	-	924	1,912	*	1,993
All	1,393	*	1,545	4,038	2,335	6,374	26,451	3,999	30,450	31,882	6,487	38,369

Table 5: Estimate of Area by Crop and Holding size, 2021/22 (2014 E.C.)**Ethiopia**

	No.of	Holding size in hectare							
Crop	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	15,872,154	9,999,063	26,080	731,622	1,777,394	3,334,875	3,299,498	586,732	242,863
Teff	6,656,750	2,932,896	2,015	147,089	464,803	1,000,052	1,057,371	183,024	78,542
Barely	3,630,719	798,478	2,047	63,068	150,389	264,210	261,322	53,651	*
Wheat	4,543,159	1,858,177	1,605	92,806	295,969	634,210	642,514	145,130	45,942
Maize	11,168,752	2,563,680	17,271	285,323	512,606	820,634	733,123	125,512	69,212
Sorghum	4,259,683	1,356,323	2,959	121,093	277,180	429,575	427,605	61,797	36,113
Finger Millet	1,571,961	370,870	158	15,456	56,167	144,540	139,096	11,940	*
Oats/'Aja'	188,317	27,507	*	1,532	4,275	10,545	8,478	2,354	*
Rice	224,328	91,132	*	5,255	16,004	31,109	29,989	*	*
Pulses	8,968,597	1,672,494	6,103	145,024	282,767	526,207	546,377	121,512	44,504
Horse beans	4,309,978	520,360	2,226	47,450	87,414	170,207	163,990	35,513	13,561
Field peas	1,732,364	216,340	748	17,778	44,693	64,366	70,668	14,762	3,325
Haricot beans white	1,033,131	98,509	398	12,501	25,309	37,221	20,860	2,211	*
Haricot beans red	2,630,568	241,056	2,370	46,517	57,524	77,395	48,412	4,990	*
Reda Chick Peas	658,370	154,001	*	4,468	14,052	41,753	67,407	22,236	4,028
White chick Peas	164,116	46,260	*	850	4,248	13,880	21,492	*	*
Lentils	354,177	70,022	*	3,444	10,745	18,243	27,598	*	*
Grass peas/Vetch	670,127	151,898	*	5,263	14,999	50,212	61,990	9,215	10,155
Soya beans	188,263	75,939	*	627	5,443	15,298	32,288	16,106	6,121
Fenugreek	479,973	30,703	93	3,113	5,230	10,836	9,521	*	*
Mung bean/"Masho"	194,248	56,276	*	2,860	11,614	21,914	17,584	2,149	*
Gibto	80,274	11,129	*	*	*	4,883	4,565	*	-
Oilseeds	2,209,185	524,281	468	13,326	40,466	121,791	242,721	84,186	21,323
Neug	649,439	182,746	*	2,727	13,099	52,149	87,454	22,595	*
Linseed	544,606	47,379	37	2,423	7,740	17,022	16,442	3,354	*
Groundnuts	366,285	77,283	199	5,525	10,199	25,700	25,853	*	*
Safflower	105,869	2,960	12	447	588	1,467	445	-	-
Sesame	295,113	204,605	*	1,448	6,900	21,655	110,435	51,393	12,756
Rapeseed	511,890	9,308	162	756	1,940	3,799	2,091	*	-
Vegetables	7,415,444	236,561	3,483	30,599	45,489	86,143	61,824	7,907	1,116
Lettuce	68,206	*	*	*	152	*	*	*	-
Head Cabbage	527,830	6,549	164	1,164	1,325	2,531	1,126	*	59
Ethiopian Cabbage	4,559,738	48,427	2,150	13,520	12,427	10,115	7,334	*	42
Tomatoes	251,315	7,712	52	618	887	3,717	1,145	*	*
Green peppers	1,520,078	13,381	250	2,180	2,887	5,237	2,378	*	*
Red peppers	2,126,133	157,432	845	12,875	27,744	63,959	48,091	2,980	*
Swiss Chard	140,319	*	15	107	66	*	*	*	*
Root Crops	6,839,852	242,297	5,343	53,398	62,617	62,921	46,551	6,962	*
Beet root	517,841	3,277	81	564	1,216	828	399	*	*
Carrot	310,214	6,758	*	805	1,980	1,608	2,006	*	5
Onion	725,500	25,129	133	4,009	7,774	8,174	3,842	1,191	6
Potatoes	1,127,267	80,153	682	13,581	19,395	21,601	19,618	2,981	*
Yan	349,636	3,888	149	1,335	1,241	*	*	*	*
Garlic	1,996,018	30,774	419	3,514	5,170	9,342	9,639	*	*
Taro/'Godere'	2,502,202	52,377	2,666	17,691	14,325	11,260	5,658	*	*
Sweet Potatoes	1,510,779	39,941	1,117	11,899	11,517	9,330	5,061	549	*
Other Temporary	3,647,746	102,781	1,986	19,037	21,515	22,808	29,925	5,363	*
Permanent Crops	11,329,293	1,279,021	23,897	255,968	289,112	353,902	270,378	57,193	*
Coffee	6,788,770	794,315	13,289	118,790	158,516	241,626	210,822	44,763	*
Chat	3,802,767	280,831	4,547	94,088	87,421	60,416	26,975	*	*
Fruit crops	6,458,761	150,883	4,716	34,361	30,740	34,954	19,953	*	*
Gesho	2,905,803	33,334	680	3,423	6,882	11,235	10,538	514	63
Sugar cane	1,312,158	19,659	664	5,307	5,554	5,672	2,090	*	*
Other Permanent	7,993,372	408,815	19,300	138,687	108,660	80,842	52,008	7,620	*

Table 5.2 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)

Afar Region

	No.of	Holding size in hectare							
Crop	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	10,740	9,136	34	677	2,453	2,415	1,560	*	-
Teff	2,256	1,454	*	*	313	*	630	-	-
Barely	*	*	*	*	*	*	-	-	-
Wheat	*	*	*	*	*	*	-	-	-
Maize	6,325	4,651	19	409	1,427	941	247	*	-
Sorghum	3,062	2,501	*	63	469	894	683	*	-
Finger Millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulses	711	*	-	*	*	*	*	*	-
Horse beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot beans white	-	-	-	-	-	-	-	-	-
Haricot beans red	-	-	-	-	-	-	-	-	-
Reda Chick Peas	-	-	-	-	-	-	-	-	-
White chick Peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho"	711	*	-	*	*	*	*	*	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	*	*	*	*	-	-	*	-	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	-	-	*	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	146	37	-	36	*	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	104	36	-	36	-	-	-	-	-
Green peppers	*	*	-	-	*	-	-	-	-
Red peppers	-	-	-	-	-	-	-	-	-
Swiss Chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	*	*	-
Potatoes	-	-	-	-	-	-	-	-	-
Yan	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet Potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	732	630	4	49	89	237	169	*	-
Permanent Crops	*	*	*	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-	-
Fruit crops	*	*	*	-	-	-	-	-	-
Gesho	-	-	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-	-	-
Other Permanent	*	*	-	*	-	-	-	-	-

Table 5.3 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Amhara Region

Crop	No.of	Holding size in hectare							
	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	4,678,184	3,652,479	8,285	210,205	635,877	1,391,442	1,210,625	122,527	73,520
Teff	2,676,548	1,177,304	793	53,169	190,251	457,322	401,343	38,616	35,810
Barely	1,330,868	286,215	460	19,582	60,209	114,857	87,350	3,758	-
Wheat	1,912,305	680,748	731	40,940	136,307	276,856	191,154	12,058	22,702
Maize	3,069,827	616,981	5,382	46,492	100,605	230,978	211,084	20,117	*
Sorghum	1,250,480	581,961	798	38,855	101,630	188,435	203,046	39,410	9,787
Finger Millet	804,268	248,017	*	7,328	34,445	96,570	99,364	7,294	*
Oats/'Aja'	53,247	2,909	-	232	837	1,525	316	-	-
Rice	122,502	58,343	-	3,608	11,593	24,900	16,967	*	-
Pulses	2,529,577	662,369	777	35,189	101,609	240,188	231,689	32,822	20,094
Horse beans	1,399,135	186,371	502	12,546	33,378	69,561	59,930	7,834	2,621
Field peas	482,812	64,638	*	4,641	11,818	22,403	20,980	2,605	2,131
Haricot beans white	229,109	44,075	34	4,076	10,488	19,593	9,163	*	-
Haricot beans red	157,734	30,429	*	1,412	3,155	11,320	12,776	*	-
Reda Chick Peas	408,384	66,309	*	2,490	8,924	25,940	24,794	2,450	1,659
White chick Peas	74,903	23,484	*	*	1,528	9,637	11,794	*	-
Lentils	232,110	37,149	*	2,792	8,454	14,155	11,160	424	145
Grass peas/Vetch	454,243	101,373	*	4,537	11,197	37,668	36,388	1,790	9,777
Soya beans	83,458	44,056	*	*	2,891	4,562	19,586	*	3,667
Fenugreek	183,764	16,064	*	923	3,210	7,126	4,794	*	-
Mung bean/'Masho'	134,279	37,384	*	1,174	5,101	13,350	15,764	1,874	*
Gibto	76,293	11,038	*	*	*	4,873	4,558	-	-
Oilseeds	909,035	270,772	99	3,849	13,108	44,417	144,195	55,332	9,773
Neug	251,038	51,402	*	755	2,900	14,122	29,360	*	*
Linseed	277,928	18,667	*	1,072	4,297	7,679	5,137	383	77
Groundnuts	68,290	16,202	*	*	1,099	3,000	5,530	*	*
Safflower	48,962	1,547	*	222	272	740	308	-	-
Sesame	198,018	180,231	*	660	4,010	17,443	103,353	45,418	*
Rapeseed	171,822	2,723	37	217	529	1,432	507	*	-
Vegetables	1,495,987	71,115	507	6,175	13,387	27,832	20,820	*	*
Lettuce	21,894	*	*	*	*	*	*	*	-
Head Cabbage	87,647	698	*	*	118	313	181	-	5
Ethiopian Cabbage	298,782	*	31	173	367	*	*	*	-
Tomatoes	69,302	842	*	180	162	191	*	*	-
Green peppers	221,843	2,996	21	205	609	1,213	713	*	*
Red peppers	940,664	61,264	405	5,474	12,076	24,825	17,554	*	*
Swiss Chard	39,634	*	*	*	13	*	*	*	-
Root Crops	1,343,508	39,650	469	4,774	8,107	14,672	10,132	*	124
Beet root	58,079	478	11	*	174	148	*	*	*
Carrot	63,583	1,618	*	*	545	367	*	*	-
Onion	197,159	8,345	*	1,119	1,347	3,028	2,324	*	2
Potatoes	406,345	17,759	200	2,345	3,996	7,301	3,462	*	*
Yan	*	*	-	*	*	-	*	-	-
Garlic	874,758	11,034	116	1,013	2,029	3,811	3,628	*	101
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet Potatoes	27,288	*	*	*	*	17	*	-	-
Other Temporary	476,949	22,533	178	950	1,237	4,621	11,560	2,899	*
Permanent Crops	2,161,377	61,236	1,230	11,120	15,233	21,074	12,101	447	32
Coffee	492,245	*	*	2,622	*	*	*	*	-
Chat	263,420	13,156	316	5,280	4,634	2,085	840	*	-
Fruit crops	591,266	5,232	109	1,058	1,016	1,746	948	*	*
Gesho	1,820,924	23,814	496	2,129	4,846	8,790	7,444	81	27
Sugar cane	49,234	1,710	7	30	*	758	*	-	-
Other Permanent	570,629	2,982	76	221	547	1,090	297	*	-

Table 5.4 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Oromia Region

Crop	No.of	Holding size in hectare							
	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	7,432,553	5,184,338	10,029	331,852	853,894	1,605,050	1,837,045	411,495	134,974
Teff	2,967,686	1,519,815	692	62,688	212,619	465,134	604,247	134,388	*
Barely	1,469,908	434,184	550	24,120	65,880	129,648	164,820	45,376	*
Wheat	1,959,058	1,030,578	430	30,037	120,727	314,504	419,325	122,315	*
Maize	5,520,645	1,464,048	7,347	153,440	294,211	449,673	415,017	87,704	*
Sorghum	2,157,854	612,807	973	53,224	136,667	198,670	196,507	15,843	10,923
Finger Millet	633,859	90,124	*	5,839	18,073	36,906	25,776	3,514	-
Oats/'Aja'	125,720	24,499	*	1,291	3,385	8,987	8,160	2,354	*
Rice	58,747	8,285	*	*	2,332	1,528	*	-	-
Pulses	3,676,245	714,662	1,780	46,051	99,310	205,659	261,624	82,002	18,236
Horse beans	1,709,982	253,158	488	13,243	28,682	77,633	95,162	27,009	*
Field peas	669,953	97,719	*	4,112	15,455	26,390	40,205	10,074	*
Haricot beans white	645,127	47,593	273	6,676	12,897	16,511	9,778	*	*
Haricot beans red	1,014,871	88,618	564	14,941	20,560	34,014	15,854	2,567	*
Reda Chick Peas	238,416	86,624	*	1,937	4,859	15,629	42,049	19,786	*
White chick Peas	79,187	21,691	*	269	2,352	4,108	9,607	*	-
Lentils	106,519	32,411	*	528	2,150	3,946	16,401	*	*
Grass peas/Vetch	215,455	50,519	*	720	3,802	12,544	25,602	7,425	*
Soya beans	40,570	*	-	*	*	*	*	-	274
Fenugreek	266,371	14,374	*	2,106	1,981	3,649	4,649	*	*
Mung bean/'Masho"	46,678	16,965	*	1,371	*	8,179	*	-	-
Gibto	*	*	-	*	*	*	-	-	-
Oilseeds	1,067,766	201,983	302	6,747	21,940	63,113	80,141	26,335	*
Neug	379,067	121,568	*	1,836	9,669	36,508	55,241	18,284	-
Linseed	220,729	27,662	*	1,131	3,081	9,064	11,133	2,967	*
Groundnuts	186,904	29,649	150	2,786	5,738	12,866	7,767	*	-
Safflower	42,156	769	*	*	96	*	*	-	-
Sesame	68,387	*	-	406	*	1,957	4,346	*	*
Rapeseed	299,921	6,276	106	468	1,359	2,281	1,542	*	-
Vegetables	3,108,342	116,192	955	11,592	20,366	46,124	33,002	3,603	550
Lettuce	38,781	*	*	*	*	14	*	-	-
Head Cabbage	315,586	3,511	46	660	715	987	*	*	55
Ethiopian Cabbage	1,753,586	19,240	435	3,881	4,860	4,576	5,149	304	*
Tomatoes	116,364	6,197	*	299	477	3,342	*	*	*
Green peppers	933,940	8,044	119	1,175	1,687	3,282	1,569	165	*
Red peppers	926,552	78,881	329	5,483	12,523	33,865	24,587	*	383
Swiss Chard	69,092	133	3	26	*	57	20	8	*
Root Crops	2,748,013	110,744	859	17,196	29,494	29,687	25,726	4,446	*
Beet root	349,688	2,251	60	297	848	561	318	*	8
Carrot	146,230	4,349	*	381	1,130	1,148	1,576	99	5
Onion	377,370	14,567	*	2,487	5,802	4,436	1,165	*	4
Potatoes	361,054	42,542	143	6,059	10,525	9,637	12,074	*	*
Yan	14,813	*	-	*	*	*	*	-	-
Garlic	899,254	18,679	258	1,943	2,976	5,400	5,922	*	*
Taro/'Godere'	700,783	6,710	155	1,079	1,886	2,034	1,482	*	*
Sweet Potatoes	745,172	21,456	200	4,881	6,228	6,450	3,187	*	*
Other Temporary	1,510,800	30,255	246	3,356	6,737	7,269	10,506	*	68
Permanent Crops	4,680,838	880,315	6,485	128,374	190,371	266,113	221,353	46,264	*
Coffee	2,815,587	583,298	3,062	53,482	108,447	195,228	183,443	37,977	*
Chat	2,420,794	215,944	2,232	65,761	69,156	48,533	23,230	*	*
Fruit crops	2,575,588	67,636	976	7,643	9,804	17,693	11,227	1,046	*
Gesho	745,922	5,904	102	445	856	1,662	2,374	432	*
Sugar cane	406,242	7,533	114	1,043	2,108	2,997	1,079	*	*
Other Permanent	2,625,746	139,963	2,512	29,813	39,431	33,546	29,264	4,256	*

Table 5.5 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Somale Region

Crop	No.of	Holding size in hectare							
	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	42,639	30,660	153	5,412	6,586	6,196	2,641	*	*
Teff	-	-	-	-	-	-	-	-	-
Barely	*	*	*	-	-	*	-	-	-
Wheat	*	*	*	*	*	-	-	*	-
Maize	26,607	10,419	107	3,334	3,548	2,597	*	-	-
Sorghum	20,217	*	46	2,047	2,883	3,592	*	*	*
Finger Millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulses	*	*	-	*	*	*	-	-	-
Horse beans	-	-	-	-	-	-	-	-	-
Field peas	*	*	-	*	-	-	-	-	-
Haricot beans white	*	*	-	-	*	-	-	-	-
Haricot beans red	*	*	-	*	*	*	-	-	-
Reda Chick Peas	-	-	-	-	-	-	-	-	-
White chick Peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	*	*	-	-	-	*	-	-	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Groundnuts	*	*	-	-	-	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	1,300	*	*	*	*	*	*	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	1,166	*	-	*	*	*	*	-	-
Green peppers	248	*	*	*	-	-	*	-	-
Red peppers	-	-	-	-	-	-	-	-	-
Swiss Chard	-	-	-	-	-	-	-	-	-
Root Crops	2,352	486	*	*	*	*	*	-	-
Beet root	*	*	-	-	-	-	*	-	-
Carrot	*	*	-	-	-	-	*	-	-
Onion	2,148	465	-	*	*	*	*	-	-
Potatoes	*	*	-	*	-	-	-	-	-
Yan	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet Potatoes	*	*	*	*	*	-	-	-	-
Other Temporary	*	*	-	*	*	*	-	-	-
Permanent Crops	3,796	1,029	*	*	*	*	*	-	-
Coffee	*	*	-	*	*	-	-	-	-
Chat	1,633	192	*	94	41	*	-	-	-
Fruit crops	3,120	818	*	*	*	*	*	-	-
Gesho	-	-	-	-	-	-	-	-	-
Sugar cane	192	*	*	*	*	-	-	-	-
Other Permanent	849	*	*	*	*	*	-	-	-

Table 5.6 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Benishangul – Gumuz Region

Crop	No.of Holders	Holding size in hectare							
		Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	232,562	178,857	748	12,207	17,834	42,714	66,246	17,463	*
Teff	53,786	22,021	*	1,082	1,973	5,894	10,103	*	*
Barely	11,789	880	*	*	*	*	*	*	-
Wheat	10,905	*	*	*	203	*	*	*	-
Maize	210,036	71,803	560	5,285	7,810	15,537	26,670	7,251	*
Sorghum	79,085	39,742	185	4,267	5,676	9,490	9,645	*	*
Finger Millet	56,751	23,554	*	1,369	1,752	7,843	10,842	1,131	*
Oats/'Aja'	*	*	-	-	-	-	*	-	-
Rice	19,393	*	-	*	*	3,388	7,731	*	*
Pulses	91,429	30,703	*	643	2,821	8,273	13,303	3,183	*
Horse beans	16,685	734	*	*	129	*	*	*	-
Field peas	11,579	812	*	*	*	*	332	*	-
Haricot beans white	7,343	775	*	*	230	*	*	*	-
Haricot beans red	17,242	1,556	*	134	300	287	719	*	*
Reda Chick Peas	809	*	-	-	-	*	*	-	*
White chick Peas	*	*	*	*	-	*	*	-	*
Lentils	*	*	*	-	*	-	*	*	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	49,585	26,305	*	*	2,039	7,368	11,639	2,871	*
Fenugreek	*	*	*	*	*	-	-	-	-
Mung bean/'Masho"	1,228	19	-	*	*	7	*	-	-
Gibto	*	*	-	-	*	-	*	*	-
Oilseeds	113,069	46,029	*	*	3,893	12,315	17,455	2,477	*
Neug	17,388	9,326	*	135	530	1,518	2,403	*	*
Linseed	8,478	380	*	13	65	136	154	*	*
Groundnuts	84,372	28,899	*	*	2,441	8,838	12,541	*	*
Safflower	*	*	*	-	-	*	*	-	-
Sesame	22,982	7,246	*	335	844	1,711	2,314	*	*
Rapeseed	4,248	*	*	*	13	*	*	-	-
Vegetables	41,085	2,524	6	82	122	684	1,004	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	2,581	*	*	*	*	*	*	-	-
Ethiopian Cabbage	12,296	73	*	*	17	26	*	-	*
Tomatoes	*	*	*	*	*	*	*	-	-
Green peppers	*	11	*	*	*	*	*	-	-
Red peppers	22,625	2,410	*	58	96	648	982	*	*
Swiss Chard	*	*	-	-	*	-	-	-	-
Root Crops	48,064	1,373	32	160	182	311	395	*	*
Beet root	3,584	*	*	-	*	*	*	-	*
Carrot	*	*	-	*	*	*	-	-	-
Onion	4,011	*	*	*	*	*	*	*	-
Potatoes	16,632	717	*	67	*	*	*	*	-
Yan	*	*	-	-	-	-	*	-	-
Garlic	12,699	21	*	*	*	*	7	-	*
Taro/'Godere'	5,771	27	*	5	*	7	*	*	-
Sweet Potatoes	20,163	437	*	45	34	83	82	*	*
Other Temporary	59,553	941	27	215	254	169	225	*	*
Permanent Crops	138,817	3,922	94	772	765	1,165	826	*	*
Coffee	24,067	730	*	52	227	216	205	*	*
Chat	9,512	724	6	70	228	180	141	*	*
Fruit crops	129,572	2,376	72	643	305	738	439	*	*
Gesho	14,416	*	*	*	*	*	*	-	*
Sugar cane	1,376	19	*	*	*	*	*	*	*
Other Permanent	17,929	40	2	11	14	7	*	*	*

Table 5.7 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
SNNP Region

Crop	No.of	Holding size in hectare							
	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	2,970,545	867,314	5,606	147,215	238,861	269,545	171,130	31,935	*
Teff	949,009	211,639	525	29,545	59,549	71,232	41,047	*	*
Barely	735,196	70,838	879	16,578	20,916	19,267	8,921	*	-
Wheat	644,319	142,739	436	20,901	38,381	42,127	30,935	*	-
Maize	1,935,720	348,217	2,956	61,951	93,303	108,685	71,245	*	*
Sorghum	669,748	79,130	787	16,977	22,965	23,708	13,787	*	*
Finger Millet	75,741	9,157	*	909	1,892	3,221	3,113	-	-
Oats/'Aja'	9,320	98	*	*	53	*	*	-	-
Rice	23,573	5,496	*	344	1,801	1,271	*	-	-
Pulses	2,244,442	231,597	2,816	52,646	70,589	64,059	34,517	3,241	*
Horse beans	1,102,827	77,818	1,112	19,885	24,931	22,719	8,581	591	-
Field peas	535,927	51,927	380	8,346	16,765	15,277	9,151	*	-
Haricot beans white	103,801	2,865	77	634	715	591	*	*	-
Haricot beans red	1,141,096	94,801	1,204	22,815	26,978	24,377	15,096	602	*
Reda Chick Peas	10,582	936	*	*	265	*	*	-	-
White chick Peas	7,786	747	*	*	328	127	*	-	-
Lentils	13,469	438	*	124	*	143	*	-	-
Grass peas/Vetch	*	*	-	*	-	-	-	-	-
Soya beans	14,633	631	*	*	*	*	*	-	-
Fenugreek	26,402	247	*	71	36	*	*	-	-
Mung bean/'Masho"	11,344	1,180	-	307	354	262	*	*	-
Gibto	*	*	-	*	-	-	-	-	-
Oilseeds	103,694	4,004	39	485	1,047	1,512	*	*	-
Neug	*	*	-	*	*	-	*	-	-
Linseed	35,576	666	*	202	297	143	*	-	-
Groundnuts	14,718	1,155	*	*	447	567	*	-	-
Safflower	13,099	505	1	*	*	*	-	-	-
Sesame	5,133	*	*	*	*	*	*	-	-
Rapeseed	34,675	256	*	57	39	*	*	*	-
Vegetables	2,384,145	42,117	1,677	10,931	10,634	10,498	6,538	*	*
Lettuce	7,532	*	*	*	*	*	*	-	-
Head Cabbage	114,870	2,173	43	351	486	*	*	*	-
Ethiopian Cabbage	2,161,717	23,129	1,418	8,044	6,556	4,131	1,415	*	*
Tomatoes	58,798	343	9	63	95	*	*	*	-
Green peppers	302,249	1,539	97	557	426	371	86	*	-
Red peppers	226,600	14,804	106	1,856	3,012	4,615	4,960	*	-
Swiss Chard	30,063	103	5	*	*	1	*	-	-
Root Crops	2,461,203	85,993	3,767	29,123	23,347	17,795	10,147	*	*
Beet root	102,993	503	9	165	182	116	*	*	-
Carrot	96,725	682	*	201	259	93	*	*	-
Onion	140,937	1,491	31	295	461	*	*	*	-
Potatoes	306,496	18,363	324	4,493	4,662	4,475	*	*	-
Yan	286,229	3,378	121	1,122	1,009	*	*	*	*
Garlic	193,094	948	44	463	161	125	*	*	-
Taro/'Godere'	1,762,018	45,332	2,470	16,473	12,387	9,168	4,133	*	*
Sweet Potatoes	601,445	15,297	761	5,911	4,226	2,613	1,459	*	*
Other Temporary	1,458,311	46,790	1,429	13,801	13,021	10,369	6,958	*	*
Permanent Crops	3,441,789	242,518	10,274	77,073	61,523	51,236	29,648	9,504	*
Coffee	2,727,378	145,770	6,645	45,489	34,288	31,415	19,095	*	*
Chat	708,212	22,213	471	7,136	6,774	5,364	2,217	*	-
Fruit crops	2,572,308	62,814	2,715	20,559	17,150	12,041	6,846	*	*
Gesho	308,364	3,479	80	828	1,151	752	*	*	-
Sugar cane	713,255	8,242	362	3,060	2,161	1,663	823	*	*
Other Permanent	3,760,430	199,203	11,251	75,181	55,108	38,276	16,282	*	*

Table 5.8 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Sidama Region

Crop	No.of	Holding size in hectare							
	Holders	Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	396,644	47,571	816	14,727	12,801	11,684	*	-	-
Teff	*	*	-	*	*	-	-	-	-
Barely	80,653	5,852	153	2,545	3,029	*	-	-	-
Wheat	13,312	1,162	*	*	*	*	-	-	-
Maize	332,792	39,874	663	10,798	9,583	11,288	*	-	-
Sorghum	*	*	-	*	*	-	-	-	-
Finger Millet	*	*	-	*	*	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulses	417,324	31,938	688	10,382	8,108	7,828	*	-	-
Horse beans	80,843	2,260	*	1,642	294	*	*	-	-
Field peas	31,509	1,226	*	563	*	*	-	-	-
Haricot beans white	44,291	*	*	1,017	*	*	*	-	-
Haricot beans red	295,472	25,408	538	7,155	6,400	7,348	*	-	-
Reda Chick Peas	-	-	-	-	-	-	-	-	-
White chick Peas	*	*	-	-	*	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	-	*	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	*	*	-	*	-	-	-	-	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	*	4	-	4	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	-	-	-	-	-
Vegetables	374,539	4,179	326	1,733	806	*	*	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	7,090	139	*	*	-	-	-	-	-
Ethiopian Cabbage	327,429	3,229	259	1,402	620	*	*	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	55,328	779	*	241	*	*	*	-	-
Red peppers	8,529	*	*	3	*	-	-	-	-
Swiss Chard	*	*	-	*	-	-	-	-	-
Root Crops	215,702	3,394	194	1,855	1,225	*	-	-	-
Beet root	*	*	-	*	-	-	-	-	-
Carrot	*	*	-	*	*	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	35,775	709	9	575	*	-	-	-	-
Yan	46,445	*	*	*	*	*	-	-	-
Garlic	16,063	91	*	90	-	-	-	-	-
Taro/'Godere'	24,352	*	30	*	*	-	-	-	-
Sweet Potatoes	106,389	2,052	124	884	931	*	-	-	-
Other Temporary	123,161	1,125	91	560	*	*	*	-	-
Permanent Crops	814,502	65,778	5,427	33,513	15,660	9,404	*	-	-
Coffee	702,039	35,802	3,209	16,338	*	4,700	*	-	-
Chat	342,805	19,509	1,297	12,372	3,404	2,426	*	-	-
Fruit crops	526,544	8,382	750	3,649	1,775	*	*	-	-
Gesho	13,256	36	*	15	*	-	-	-	-
Sugar cane	132,253	2,049	170	1,138	407	*	*	-	-
Other Permanent	998,121	65,596	5,425	33,194	13,316	7,689	*	-	-

Table 5.9 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Gambela Region

Crop	No.of Holders	Holding size in hectare							
		Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	34,309	9,937	165	3,539	2,200	1,558	1,139	*	*
Teff	*	*	-	*	-	*	-	-	-
Barely	-	-	-	-	-	-	-	-	-
Wheat	*	*	-	-	*	-	-	-	-
Maize	24,537	5,158	130	2,689	1,200	576	267	*	*
Sorghum	12,182	4,707	*	847	994	952	854	*	*
Finger Millet	*	*	-	-	-	-	*	-	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	113	*	*	*	-	*	*	*	*
Pulses	1,388	*	*	*	*	*	*	-	-
Horse beans	*	*	-	*	-	*	*	-	-
Field peas	*	*	-	*	-	*	-	-	-
Haricot beans white	450	7	*	1	*	*	-	-	-
Haricot beans red	635	*	*	*	*	*	*	-	-
Reda Chick Peas	-	-	-	-	-	-	-	-	-
White chick Peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	*	*	-	-	*	-	*	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	*	*	-	-	-	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	303	*	*	*	*	*	*	*	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Groundnuts	*	*	*	*	-	*	*	*	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	-	-	-	-	*	-	-
Rapeseed	*	*	-	-	*	*	*	-	-
Vegetables	7,044	133	5	8	*	27	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	-	-	-	*	-	-	-
Ethiopian Cabbage	5,848	49	5	6	7	*	*	*	*
Tomatoes	*	*	-	*	*	*	*	-	-
Green peppers	911	*	*	*	*	*	*	-	-
Red peppers	1,083	39	*	*	*	*	9	*	*
Swiss Chard	-	-	-	-	-	-	-	-	-
Root Crops	10,214	247	12	54	52	77	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	-	-	*	*	-	-	-
Potatoes	*	*	-	-	-	-	*	-	-
Yan	*	*	-	-	*	*	*	-	-
Garlic	*	*	*	-	-	*	*	-	-
Taro/'Godere'	9,278	185	8	43	42	52	*	*	*
Sweet Potatoes	2,318	*	*	11	*	*	*	*	-
Other Temporary	7,357	316	6	40	52	47	134	*	*
Permanent Crops	26,063	14,071	80	935	1,868	2,532	4,054	*	*
Coffee	16,621	11,204	29	716	1,572	2,337	3,779	*	*
Chat	1,592	*	*	*	*	*	*	-	*
Fruit crops	24,373	*	39	184	218	166	188	*	*
Gesho	2,920	29	*	*	*	3	14	-	*
Sugar cane	9,084	94	11	25	25	13	20	*	-
Other Permanent	13,452	761	28	150	111	220	186	*	*

Table 5.10 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Harari Region

Crop	No.of Holders	Holding size in hectare							
		Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	43,467	8,899	132	2,305	3,325	2,884	*	9	-
Teff	*	*	-	*	-	-	-	-	-
Barely	480	*	-	*	-	*	-	-	-
Wheat	1,996	247	*	*	*	*	*	-	-
Maize	32,412	1,803	86	674	680	339	*	-	-
Sorghum	35,583	6,828	42	1,593	2,575	2,467	*	9	-
Finger Millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulses	2,048	43	-	8	*	-	*	-	-
Horse beans	*	*	-	*	-	-	-	-	-
Field peas	212	4	-	*	3	-	-	-	-
Haricot beans white	*	*	-	*	-	-	-	-	-
Haricot beans red	*	*	-	*	*	-	*	-	-
Reda Chick Peas	*	*	-	*	*	-	-	-	-
White chick Peas	-	-	-	-	-	-	-	-	-
Lentils	*	*	-	*	*	-	-	-	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	-	*	*	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	10,423	1,190	8	389	396	396	-	1	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Groundnuts	10,261	1,185	8	389	396	392	-	1	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	1,255	12	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	-	*	-	-	-	-	-
Tomatoes	1,095	*	*	*	*	*	-	-	-
Green peppers	*	*	-	-	*	-	-	-	-
Red peppers	*	*	-	-	*	-	-	-	-
Swiss Chard	-	-	-	-	-	-	-	-	-
Root Crops	6,909	190	*	81	75	*	-	-	-
Beet root	*	*	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	-	-	-
Potatoes	*	*	*	*	*	-	-	-	-
Yan	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet Potatoes	6,399	188	*	80	74	*	-	-	-
Other Temporary	10,615	50	5	24	12	*	*	-	-
Permanent Crops	45,572	9,083	213	3,124	3,178	1,998	*	2	-
Coffee	5,396	89	*	27	28	32	-	-	-
Chat	43,453	8,160	194	2,915	2,860	1,703	*	2	-
Fruit crops	29,311	833	16	181	290	263	*	-	-
Gesho	-	-	-	-	-	-	-	-	-
Sugar cane	523	1	-	1	*	-	-	-	-
Other Permanent	4,653	20	*	3	*	*	*	-	-

Table 5.11 Estimate of Area by Crop and Holding size, 2021/22 (2014 EC)
Dire Dawa

Crop	No.of Holders	Holding size in hectare							
		Total	Under 0.10	0.10 – 0.50	0.51 – 1	1.01 – 2	2.01 – 5	5.01 – 10	Over 10
Cereals	30,512	9,872	112	3,483	3,563	1,387	*	-	-
Teff	-	-	-	-	-	-	-	-	-
Barely	*	*	-	*	*	-	-	-	-
Wheat	*	*	*	*	*	-	-	-	-
Maize	9,851	726	22	251	240	*	*	-	-
Sorghum	29,673	9,118	90	3,220	3,308	1,368	*	-	-
Finger Millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulses	4,311	130	*	62	57	*	*	-	-
Horse beans	-	-	-	-	-	-	-	-	-
Field peas	*	*	*	-	*	-	-	-	-
Haricot beans white	2,465	79	*	*	*	*	*	-	-
Haricot beans red	1,865	51	*	28	*	-	-	-	-
Reda Chick Peas	-	-	-	-	-	-	-	-	-
White chick Peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Grass peas/Vetch	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	*	-	-	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Groundnuts	*	*	*	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	-	-	*	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	1,602	55	*	32	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	1,393	51	*	32	*	-	-	-	-
Green peppers	*	*	*	-	*	*	-	-	-
Red peppers	-	-	-	-	-	-	-	-	-
Swiss Chard	-	-	-	-	-	-	-	-	-
Root Crops	3,538	128	*	92	*	*	*	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	2,019	34	*	22	*	*	-	-	-
Potatoes	*	*	*	*	*	-	*	-	-
Yan	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet Potatoes	1,459	45	*	42	*	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Permanent Crops	16,286	1,063	54	591	305	97	*	-	-
Coffee	5,198	88	*	55	*	*	*	-	-
Chat	11,345	814	17	452	277	*	*	-	-
Fruit crops	6,424	161	14	*	20	*	*	-	-
Gesho	-	-	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-	-	-
Other Permanent	*	*	*	*	*	*	-	-	-

Table 6: Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC) Ethiopia

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	900,121	36,403	613,189	13,687	1,546,269	78,581	3,059,579	128,672
Land owned	866,871	34,602	538,010	12,384	1,517,715	75,071	2,922,595	122,057
Land rented	46,325	645	34,537	357	42,146	656	123,009	1,658
Other tenure	77,537	1,156	44,482	946	134,714	2,855	256,733	4,957
0.10 – 0.50								
All tenure	985,753	252,688	50,955	11,902	5,037,643	1,452,216	6,074,352	1,716,806
Land owned	946,438	218,344	49,795	11,246	5,002,503	1,332,288	5,998,736	1,561,878
Land rented	78,125	9,894	2,363	*	211,197	28,024	291,685	38,224
Other tenure	162,199	24,450	2,374	*	747,068	91,905	911,640	116,704
0.51 – 1								
All tenure	375,161	264,665	23,548	17,298	4,047,475	2,930,033	4,446,184	3,211,996
Land owned	359,305	200,837	23,548	16,777	4,034,163	2,510,890	4,417,017	2,728,504
Land rented	58,914	20,480	*	*	351,871	97,498	411,829	118,201
Other tenure	115,752	43,349	*	*	1,102,198	321,645	1,219,470	365,292
1.01 – 2								
All tenure	213,181	289,506	22,696	29,353	3,725,047	5,240,793	3,960,925	5,559,653
Land owned	207,151	206,924	22,696	28,608	3,713,788	4,258,010	3,943,635	4,493,542
Land rented	47,170	26,482	*	*	582,563	271,926	630,423	298,640
Other tenure	85,350	56,100	*	*	1,315,919	710,858	1,403,037	767,471
2.01 – 5								
All tenure	55,748	146,838	1,849	*	1,938,096	5,462,236	1,995,694	5,614,990
Land owned	50,657	93,402	1,849	*	1,923,586	4,211,816	1,976,093	4,311,133
Land rented	20,004	26,834	-	-	457,084	411,824	477,088	438,658
Other tenure	21,207	26,602	-	-	827,753	838,597	848,960	865,199
5.01 – 10								
All tenure	6,021	39,317	1,329	7,877	169,144	1,081,158	176,494	1,128,352
Land owned	4,738	18,281	1,329	7,877	167,679	825,892	173,746	852,050
Land rented	3,500	13,973	-	-	62,163	144,110	65,662	158,083
Other tenure	2,785	*	-	-	67,973	111,156	70,758	118,219
Over 10								
All tenure	745	11,167	-	-	22,462	404,306	23,207	415,473
Land owned	745	8,530	-	-	22,462	321,685	23,207	330,215
Land rented	745	*	-	-	7,378	37,245	8,123	39,882
Other tenure	-	-	-	-	8,717	45,375	8,717	45,375
All holding								
All tenure	2,536,730	1,040,584	713,566	86,033	16,486,137	16,649,324	19,736,434	17,775,941
Land owned	2,435,905	780,920	637,228	82,808	16,381,896	13,535,650	19,455,029	14,399,379
Land rented	254,782	100,944	38,635	1,119	1,714,402	991,282	2,007,820	1,093,345
Other tenure	464,830	158,720	50,144	2,106	4,204,342	2,122,392	4,719,315	2,283,218

Table 6.2 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Afar Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	114	*	76,572	2,114	1,546	72	78,233	2,188
Land owned	*	*	73,637	2,046	1,546	65	75,245	2,112
Land rented	*	*	-	-	-	-	*	*
Other tenure	*	*	2,935	68	205	6	3,238	76
0.10 – 0.50								
All tenure	198	40	3,121	563	3,511	998	6,830	1,601
Land owned	182	*	2,990	546	3,511	878	6,682	1,436
Land rented	*	*	-	-	*	*	*	*
Other tenure	95	19	131	18	339	105	565	142
0.51 – 1								
All tenure	*	*	441	349	3,953	2,785	4,477	3,189
Land owned	*	*	441	349	3,953	2,371	4,477	2,744
Land rented	-	-	-	-	*	*	*	*
Other tenure	*	*	-	-	710	408	752	439
1.01 – 2								
All tenure	160	210	313	397	1,910	2,703	2,383	3,311
Land owned	149	*	313	397	1,861	2,134	2,323	2,621
Land rented	-	-	-	-	*	*	*	*
Other tenure	90	119	-	-	684	516	774	635
2.01 – 5								
All tenure	132	314	74	175	1,130	2,740	1,337	3,229
Land owned	80	184	74	175	1,130	2,235	1,284	2,594
Land rented	*	*	-	-	-	-	*	*
Other tenure	*	*	-	-	262	505	315	623
5.01 – 10								
All tenure	*	*	-	-	*	*	*	*
Land owned	*	*	-	-	*	*	*	*
Land rented	*	*	-	-	-	-	*	*
Other tenure	-	-	-	-	-	-	-	-
Over 10								
All tenure	-	-	-	-	-	-	-	-
Land owned	-	-	-	-	-	-	-	-
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
All holding								
All tenure	700	703	80,521	3,599	12,417	11,748	93,638	16,051
Land owned	568	313	77,454	3,513	12,369	10,133	90,391	13,959
Land rented	*	*	-	-	*	*	207	*
Other tenure	378	289	3,066	86	2,199	1,540	5,643	1,914

Table 6.3 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Amhara Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	173,288	6,738	104,136	1,559	220,797	9,586	498,222	17,884
Land owned	165,196	6,215	82,232	1,388	215,702	9,002	463,131	16,604
Land rented	19,393	263	15,710	120	7,298	156	42,400	539
Other tenure	16,837	261	6,194	52	14,262	428	37,294	741
0.10 – 0.50								
All tenure	231,145	62,148	9,306	2,234	857,972	262,545	1,098,423	326,928
Land owned	213,840	50,144	8,613	1,803	847,957	227,490	1,070,410	279,437
Land rented	31,706	4,318	*	*	71,401	9,838	105,039	14,375
Other tenure	42,702	7,685	*	*	174,677	25,217	218,171	33,116
0.51 – 1								
All tenure	127,011	90,547	*	*	1,120,975	838,355	1,249,256	929,821
Land owned	117,565	64,245	*	*	1,113,411	666,793	1,232,245	731,741
Land rented	25,817	8,485	-	-	150,836	38,764	176,653	47,250
Other tenure	47,588	17,817	*	*	436,587	132,798	484,813	150,830
1.01 – 2								
All tenure	79,065	110,306	*	*	1,329,759	1,885,717	1,409,563	1,997,131
Land owned	77,350	69,016	*	*	1,323,827	1,387,240	1,401,916	1,457,125
Land rented	22,434	13,412	-	-	284,166	126,248	306,600	139,660
Other tenure	41,847	27,878	*	*	659,416	372,230	701,741	400,346
2.01 – 5								
All tenure	21,125	57,770	-	-	657,550	1,825,617	678,675	1,883,386
Land owned	18,058	30,552	-	-	652,870	1,276,732	670,928	1,307,285
Land rented	12,795	18,029	-	-	204,685	198,282	217,480	216,311
Other tenure	7,608	9,188	-	-	360,179	350,602	367,787	359,790
5.01 – 10								
All tenure	2,651	17,431	-	-	37,263	229,386	39,914	246,817
Land owned	2,094	8,871	-	-	35,906	150,951	38,000	159,822
Land rented	1,462	4,862	-	-	19,203	56,862	20,665	61,724
Other tenure	*	*	-	-	17,019	21,573	18,401	25,271
Over 10								
All tenure	*	*	-	-	6,263	112,209	6,381	114,429
Land owned	*	*	-	-	6,263	87,889	6,381	87,895
Land rented	*	*	-	-	1,711	9,453	1,829	11,667
Other tenure	-	-	-	-	3,395	14,866	3,395	14,866
All holding								
All tenure	634,402	347,160	115,451	5,820	4,230,580	5,163,415	4,980,433	5,516,395
Land owned	594,221	229,049	92,854	4,763	4,195,936	3,806,097	4,883,010	4,039,909
Land rented	113,724	51,584	17,641	338	739,300	439,604	870,665	491,526
Other tenure	157,964	66,527	8,102	*	1,665,535	917,714	1,831,601	984,960

Table 6.4 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Oromia Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	237,132	9,558	139,167	3,321	433,993	20,786	810,292	33,665
Land owned	225,842	9,106	111,896	2,845	422,418	19,378	760,156	31,330
Land rented	12,906	143	12,367	204	16,471	231	41,744	578
Other tenure	23,131	309	18,517	272	56,292	1,177	97,941	1,757
0.10 – 0.50								
All tenure	430,465	118,472	25,531	5,979	1,828,954	550,917	2,284,951	675,368
Land owned	411,523	100,782	25,286	5,782	1,808,553	498,528	2,245,361	605,093
Land rented	33,464	4,594	*	*	89,388	12,056	123,284	16,738
Other tenure	88,393	13,097	*	*	315,077	40,332	404,831	53,537
0.51 – 1								
All tenure	188,724	134,044	14,121	10,645	1,885,830	1,366,535	2,088,675	1,511,224
Land owned	183,018	102,111	14,121	10,340	1,881,302	1,172,536	2,078,442	1,284,987
Land rented	26,460	9,815	*	*	158,411	45,767	185,916	55,806
Other tenure	55,914	22,118	*	*	507,908	148,232	564,703	170,431
1.01 – 2								
All tenure	112,407	151,266	19,660	25,369	1,846,876	2,613,515	1,978,943	2,790,150
Land owned	108,498	117,047	19,660	24,862	1,842,475	2,188,073	1,970,633	2,329,982
Land rented	20,211	9,472	*	*	257,428	126,411	278,330	136,115
Other tenure	38,635	24,747	*	*	571,335	299,032	611,262	324,054
2.01 – 5								
All tenure	28,196	73,574	*	*	1,099,136	3,129,606	1,128,818	3,208,121
Land owned	26,223	50,191	*	*	1,092,350	2,513,091	1,120,061	2,568,225
Land rented	6,372	7,931	-	-	231,478	183,435	237,850	191,366
Other tenure	11,865	15,451	-	-	424,654	433,079	436,519	448,530
5.01 – 10								
All tenure	2,847	18,438	1,329	7,877	115,782	746,491	119,958	772,806
Land owned	*	*	1,329	7,877	115,782	575,611	119,232	591,297
Land rented	1,732	7,263	-	-	41,726	83,451	43,457	90,714
Other tenure	1,403	*	-	-	50,375	87,429	51,778	90,794
Over 10								
All tenure	628	8,947	-	-	11,914	221,184	12,541	230,132
Land owned	628	8,525	-	-	11,914	175,967	12,541	184,491
Land rented	628	422	-	-	5,037	25,580	5,664	26,002
Other tenure	-	-	-	-	4,109	19,638	4,109	19,638
All holding								
All tenure	1,000,398	514,300	201,295	58,132	7,222,485	8,649,034	8,424,179	9,221,466
Land owned	957,853	395,572	173,780	56,648	7,174,793	7,143,184	8,306,426	7,595,404
Land rented	101,774	39,641	14,534	748	799,939	476,932	916,246	517,320
Other tenure	219,342	79,087	22,050	736	1,929,750	1,028,919	2,171,142	1,108,742

Table 6.5 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Somali Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	1,023	48	248,300	6,112	5,622	263	254,945	6,423
Land owned	1,023	47	235,518	5,594	5,418	250	241,960	5,891
Land rented	-	-	*	*	-	-	*	*
Other tenure	*	*	12,662	516	387	14	13,185	531
0.10 – 0.50								
All tenure	3,481	1,097	6,350	1,039	17,390	5,718	27,221	7,855
Land owned	3,481	1,097	6,260	1,029	17,390	5,714	27,131	7,841
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	*	*	216	*	306	*
0.51 – 1								
All tenure	1,611	1,204	598	424	9,636	6,792	11,844	8,420
Land owned	1,611	1,202	598	424	9,636	6,770	11,844	8,396
Land rented	-	-	-	-	-	-	-	-
Other tenure	*	*	-	-	258	*	315	*
1.01 – 2								
All tenure	*	*	*	*	5,361	6,989	5,865	7,617
Land owned	*	*	*	*	5,361	6,938	5,865	7,562
Land rented	-	-	-	-	*	*	*	*
Other tenure	*	*	-	-	408	19	523	22
201 – 5								
All tenure	-	-	*	*	1,211	3,074	1,499	3,873
Land owned	-	-	*	*	1,211	3,073	1,499	3,872
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
5.01 – 10								
All tenure	-	-	-	-	*	*	*	*
Land owned	-	-	-	-	*	*	*	*
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
Over 10								
All tenure	-	-	-	-	*	*	*	*
Land owned	-	-	-	-	*	*	*	*
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
All holding								
All tenure	6,525	2,843	255,629	8,507	39,477	32,519	301,632	43,869
Land owned	6,525	2,837	242,758	7,980	39,274	32,424	288,557	43,241
Land rented	-	-	*	*	*	*	*	*
Other tenure	*	6	12,752	526	1,373	62	14,433	594

Table 6.6 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Benishangul – Gumuz Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	13,463	510	1,251	*	15,899	692	30,613	1,229
Land owned	12,790	464	*	*	15,899	679	29,227	1,151
Land rented	1,263	*	*	*	*	*	1,952	*
Other tenure	425	2	*	*	*	*	2,661	*
0.10 – 0.50								
All tenure	15,155	3,888	-	-	44,670	13,404	59,825	17,292
Land owned	14,783	3,338	-	-	44,577	11,295	59,360	14,633
Land rented	*	*	-	-	*	*	*	*
Other tenure	757	*	-	-	*	*	4,578	309
0.51 – 1								
All tenure	4,803	3,493	-	-	35,087	24,714	39,890	28,207
Land owned	4,099	1,899	-	-	34,364	19,360	38,463	21,259
Land rented	2,100	1,183	-	-	7,009	*	9,110	5,157
Other tenure	1,204	411	-	-	5,387	1,379	6,591	1,790
1.01 – 2								
All tenure	5,580	7,971	*	*	42,440	61,245	48,123	69,322
Land owned	5,185	3,308	*	*	41,562	44,583	46,851	47,997
Land rented	*	*	-	-	12,995	11,092	16,357	14,585
Other tenure	*	*	-	-	7,607	5,569	8,487	6,740
2.01 – 5								
All tenure	2,257	5,371	-	-	35,345	102,739	37,602	108,110
Land owned	2,257	*	-	-	34,606	65,988	36,863	68,882
Land rented	*	*	-	-	13,729	22,461	14,555	23,323
Other tenure	1,220	*	-	-	10,224	14,290	11,444	15,905
5.01 – 10								
All tenure	*	*	-	-	3,689	22,770	4,200	26,136
Land owned	*	*	-	-	3,581	18,059	4,093	19,659
Land rented	*	*	-	-	732	*	1,027	4,477
Other tenure	-	-	-	-	*	*	*	*
Over 10								
All tenure	-	-	-	-	*	*	*	*
Land owned	-	-	-	-	*	*	*	*
Land rented	-	-	-	-	*	*	*	*
Other tenure	-	-	-	-	*	*	*	*
All holding								
All tenure	41,770	24,599	1,354	*	179,865	266,362	222,989	291,094
Land owned	39,627	13,502	*	*	177,326	190,824	217,593	204,440
Land rented	9,599	*	*	*	42,837	44,390	52,743	52,156
Other tenure	4,486	3,332	*	*	30,222	31,148	35,114	34,498

Table 6.7 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
SNNP Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	344,774	13,595	36,222	455	649,629	34,285	1,030,625	48,335
Land owned	332,121	12,972	27,641	417	638,754	33,117	998,516	46,507
Land rented	12,164	186	5,852	27	15,553	256	33,569	469
Other tenure	26,973	437	2,944	*	49,895	912	79,812	1,359
0.10 – 0.50								
All tenure	227,639	51,090	*	*	1,758,181	481,851	1,992,054	534,949
Land owned	225,632	48,372	*	*	1,755,267	455,994	1,987,132	506,373
Land rented	9,552	489	-	-	40,931	3,968	50,483	4,457
Other tenure	18,137	2,230	-	-	205,682	21,889	223,819	24,118
0.51 – 1								
All tenure	44,599	29,547	*	*	864,114	604,254	915,832	638,761
Land owned	44,599	26,721	*	*	863,695	560,167	915,413	591,849
Land rented	3,041	924	-	-	34,607	8,780	37,649	9,704
Other tenure	7,742	1,902	-	-	132,606	35,307	140,348	37,208
1.01 – 2								
All tenure	13,064	15,972	*	*	450,995	609,422	465,812	627,596
Land owned	13,064	14,239	*	*	450,995	569,961	465,812	586,402
Land rented	*	*	-	-	20,434	7,287	21,588	7,392
Other tenure	2,830	1,628	-	-	69,639	32,174	72,469	33,802
2.01 – 5								
All tenure	3,335	7,686	-	-	132,939	368,141	136,273	375,827
Land owned	3,335	7,648	-	-	130,640	321,189	133,975	328,837
Land rented	-	-	-	-	7,129	7,641	7,129	7,641
Other tenure	*	*	-	-	31,133	39,311	31,524	39,349
5.01 – 10								
All tenure	-	-	-	-	11,676	77,508	11,676	77,508
Land owned	-	-	-	-	11,676	76,313	11,676	76,313
Land rented	-	-	-	-	*	*	*	*
Other tenure	-	-	-	-	*	*	*	*
Over 10								
All tenure	-	-	-	-	*	*	*	*
Land owned	-	-	-	-	*	*	*	*
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
All holding								
All tenure	633,412	117,890	51,327	*	3,868,735	2,192,120	4,553,473	2,319,636
Land owned	618,751	109,952	42,747	*	3,852,228	2,030,507	4,513,726	2,150,047
Land rented	25,911	1,704	5,852	27	119,148	29,008	150,911	30,739
Other tenure	56,073	6,234	2,944	*	489,233	132,606	548,250	138,850

Table 6.8 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)

Sidama Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock holding		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	122,650	5,612	-	-	206,227	12,191	328,877	17,802
Land owned	122,650	5,479	-	-	205,570	11,906	328,220	17,385
Land rented	-	-	-	-	*	*	*	*
Other tenure	*	*	-	-	9,942	*	*	*
0.10 – 0.50								
All tenure	69,184	13,936	-	-	471,349	121,623	540,533	135,559
Land owned	69,184	12,844	-	-	470,240	117,884	539,424	130,727
Land rented	*	*	-	-	*	*	*	*
Other tenure	9,976	1,088	-	-	39,699	3,722	49,674	4,809
0.51 – 1								
All tenure	*	*	-	-	105,599	70,981	111,017	74,771
Land owned	*	*	-	-	105,599	67,955	111,017	70,712
Land rented	*	*	-	-	-	-	*	*
Other tenure	*	*	-	-	15,779	3,026	18,779	4,054
1.01 – 2								
All tenure	*	*	-	-	38,992	49,794	40,751	51,961
Land owned	*	*	-	-	38,992	48,086	40,751	49,770
Land rented	-	-	-	-	*	*	*	*
Other tenure	*	*	-	-	*	*	*	*
2.01 – 5								
All tenure	-	-	-	-	*	*	*	*
Land owned	-	-	-	-	*	*	*	*
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
5.01 – 10								
All tenure	-	-	-	-	-	-	-	-
Land owned	-	-	-	-	-	-	-	-
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
Over 10								
All tenure	-	-	-	-	-	-	-	-
Land owned	-	-	-	-	-	-	-	-
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
All holding								
All tenure	199,011	25,505	-	-	830,092	277,193	1,029,103	302,698
Land owned	199,011	22,765	-	-	828,327	267,803	1,027,338	290,568
Land rented	*	*	-	-	*	*	13,209	*
Other tenure	22,849	2,730	-	-	71,646	8,730	94,496	11,461

Table 6.9 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Gambela Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	4,177	160	2,614	20	3,822	209	10,613	390
Land owned	3,903	149	2,192	15	3,692	187	9,787	351
Land rented	*	*	*	*	*	*	460	*
Other tenure	489	11	*	*	*	*	1,320	29
0.101 – 0.50								
All tenure	4,687	1,091	379	73	17,101	4,728	22,167	5,891
Land owned	4,015	836	379	73	16,493	4,306	20,886	5,215
Land rented	318	63	-	-	714	165	1,033	228
Other tenure	1,261	192	-	-	1,678	256	2,939	448
0.51 – 1								
All tenure	1,726	1,164	-	-	5,824	4,077	7,550	5,241
Land owned	1,726	1,054	-	-	5,747	3,821	7,473	4,875
Land rented	*	*	-	-	522	114	701	*
Other tenure	204	*	-	-	322	143	526	185
1.0 – 2								
All tenure	593	867	*	*	2,996	4,099	3,624	5,004
Land owned	593	797	*	*	2,996	3,850	3,624	4,685
Land rented	*	*	-	-	*	*	*	*
Other tenure	*	*	-	-	584	179	706	249
2.01 – 5								
All tenure	481	1,339	-	-	1,771	4,800	2,252	6,139
Land owned	481	1,147	-	-	1,763	4,729	2,244	5,876
Land rented	-	-	-	-	*	*	*	*
Other tenure	*	*	-	-	*	*	206	*
5.01 – 10								
All tenure	-	-	-	-	219	1,466	219	1,466
Land owned	-	-	-	-	219	*	219	*
Land rented	-	-	-	-	*	*	*	*
Other tenure	-	-	-	-	*	*	*	*
Over 10								
All tenure	-	-	-	-	*	*	*	*
Land owned	-	-	-	-	*	*	*	*
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
All holding								
All tenure	11,664	4,621	3,028	130	31,929	24,000	46,621	28,751
Land owned	10,718	3,984	2,606	125	31,106	22,686	44,429	26,795
Land rented	668	*	*	*	1,582	368	2,407	502
Other tenure	2,146	506	*	*	3,393	947	5,805	1,454

Table 6.10 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Harari Region

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	2,634	144	*	*	4,852	285	7,823	435
Land owned	2,520	142	*	*	4,834	281	7,692	427
Land rented	*	*	-	-	*	*	*	*
Other tenure	405	2	-	-	877	4	1,281	6
0.10 – 0.50								
All tenure	3,405	819	-	-	20,975	5,686	24,380	6,505
Land owned	3,405	812	-	-	20,975	5,569	24,380	6,381
Land rented	-	-	-	-	256	29	256	29
Other tenure	878	7	-	-	3,522	88	4,400	95
0.51 – 1								
All tenure	1,086	754	-	-	9,749	6,935	10,835	7,689
Land owned	1,086	754	-	-	9,749	6,656	10,835	7,409
Land rented	-	-	-	-	*	*	*	*
Other tenure	-	-	-	-	2,102	198	2,102	198
1.01 – 2								
All tenure	*	*	-	-	4,315	5,502	4,397	5,654
Land owned	*	*	-	-	4,315	5,397	4,397	5,549
Land rented	-	-	-	-	*	*	*	*
Other tenure	-	-	-	-	929	*	929	*
2.01 – 5								
All tenure	*	*	-	-	*	*	392	1,065
Land owned	*	*	-	-	*	*	392	1,064
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
5.01 – 10								
All tenure	-	-	-	-	41	239	41	239
Land owned	-	-	-	-	41	239	41	239
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
Over 10								
All tenure	-	-	-	-	-	-	-	-
Land owned	-	-	-	-	-	-	-	-
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
All holding								
All tenure	7,303	2,279	*	*	40,228	19,303	47,868	21,587
Land owned	7,189	2,270	*	*	40,210	18,796	47,737	21,071
Land rented	*	*	-	-	692	203	974	204
Other tenure	1,283	9	-	-	7,508	304	8,791	312

Table 6.11 Distribution of Holders and Area by Holding size, Tenure system and Holding Type, 2021/22 (2014 EC)
Dire Dawa

Holding size (HA)	Holding type							
	Crop holding		Livestock holding		Crop & Livestock		All holding	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Under 0.10								
All tenure	865	34	4,590	74	3,881	213	9,336	321
Land owned	763	27	4,018	66	3,881	206	8,662	299
Land rented	*	*	*	*	-	-	*	*
Other tenure	-	-	557	*	458	*	1,015	15
0.10 – 0.50								
All tenure	*	*	*	*	17,542	4,746	17,969	4,859
Land owned	*	*	*	*	17,542	4,630	17,969	4,742
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	2,359	116	2,359	116
0.51 – 1								
All tenure	*	*	-	-	6,708	4,603	6,807	4,673
Land owned	*	*	-	-	6,708	4,462	6,807	4,531
Land rented	-	-	-	-	*	*	*	*
Other tenure	-	-	-	-	541	*	541	*
1.01 – 2								
All tenure	*	*	-	-	1,404	1,807	1,463	1,906
Land owned	*	*	-	-	1,404	1,749	1,463	1,848
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
2.01 – 5								
All tenure	*	*	-	-	793	2,261	921	2,636
Land owned	*	*	-	-	793	*	921	2,526
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	*	*	*	*
5.01 – 10								
All tenure	-	-	-	-	-	-	-	-
Land owned	-	-	-	-	-	-	-	-
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
Over 10								
All tenure	-	-	-	-	-	-	-	-
Land owned	-	-	-	-	-	-	-	-
Land rented	-	-	-	-	-	-	-	-
Other tenure	-	-	-	-	-	-	-	-
All holding								
All tenure	1,545	*	4,624	80	30,327	13,630	36,496	14,394
Land owned	1,443	*	4,052	72	30,327	13,197	35,822	13,946
Land rented	*	*	*	*	*	*	*	*
Other tenure	-	-	557	*	3,482	423	4,039	432

Table 7: Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)

Ethiopia

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	19,190,473	1,993,694	4,672,804	19,402,753
Number of Male Head Households	15,854,846	1,832,784	4,177,715	16,010,743
Number of Female Head Households	3,335,627	160,911	495,089	3,392,010
Number of Holders	19,455,029	2,007,820	4,719,315	19,736,434
Land Area in hectare	14,399,379	1,093,345	2,283,218	17,775,941
Number of Male Holders	16,115,167	1,859,023	4,249,624	16,337,729
Land area in Hectare	12,781,873	1,053,798	2,162,427	15,998,098
Average Area/male holder	0.79	0.57	0.51	0.98
Number of Female Holders	3,339,863	148,797	469,691	3,398,705
Land area in Hectare	1,617,506	39,548	120,790	1,777,843
Average Area/female holder	0.48	0.27	0.26	0.52
Number of Parcels	53,928,989	1,678,774	4,079,873	60,331,218
Average area/Parcel	0.27	0.65	0.56	0.29
Number of Parcels/Holders	2.77	0.84	0.86	3.06
Number of Fields	146,368,309	2,007,820	4,719,315	155,931,532
Average area/Fields	-	-	-	-
Number of Fields/Holders	7.52	1	1	7.90

Table 7.2 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)

Afar Region

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	90,391	207	5,643	93,638
Number of Male Head Households	66,947	207	4,462	69,291
Number of Female Head Households	23,444	-	1,181	24,347
Number of Holders	90,391	207	5,643	93,638
Land Area in hectare	13,959	178	1,914	16,051
Number of Male Holders	66,415	207	4,500	68,759
Land area in Hectare	12,464	178	1,732	14,374
Average Area/male holder	0.19	0.86	0.38	0.21
Number of Female Holders	23,975	-	1,144	24,879
Land area in Hectare	1,495	-	182	1,676
Average Area/female holder	0.06	-	0.16	0.07
Number of Parcels	12,401	125	1,143	13,155
Average area/Parcel	1.13	1.42	1.67	1.22
Number of Parcels/Holders	0.14	0.60	0.20	0.14
Number of Fields	95,586	207	5,643	101,482
Average area/Fields	-	-	-	-
Number of Fields/Holders	1.06	1	1	1.08

**Table 7.3 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Amhara Region**

Items	Tenure system			
	Land owned	Land rented	Other	All
Number of Households	4,816,726	865,337	1,821,530	4,894,121
Number of Male Head Households	3,999,374	785,590	1,704,392	4,052,099
Number of Female Head Households	817,352	79,747	117,139	842,021
Number of Holders	4,883,010	870,665	1,831,601	4,980,433
Land Area in hectare	4,039,909	491,526	984,960	5,516,395
Number of Male Holders	4,079,539	798,724	1,723,889	4,152,220
Land area in Hectare	3,689,987	473,632	955,602	5,119,221
Average Area/male holder	0.90	0.59	0.55	1.23
Number of Female Holders	803,471	71,942	107,712	828,213
Land area in Hectare	349,922	17,894	29,358	397,174
Average Area/female holder	0.44	0.25	0.27	0.48
Number of Parcels	10,479,991	755,046	1,632,084	13,603,302
Average area/Parcel	0.39	0.65	0.60	0.41
Number of Parcels/Holders	2.15	0.87	0.89	2.73
Number of Fields	29,944,645	870,665	1,831,601	33,699,330
Average area/Fields	-	-	-	-
Number of Fields/Holders	6.13	1	1	6.77

**Table 7.4 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Oromia Region**

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	8,134,599	907,756	2,138,554	8,207,613
Number of Male Head Households	6,840,138	844,229	1,876,710	6,900,186
Number of Female Head Households	1,294,461	63,527	261,844	1,307,427
Number of Holders	8,306,426	916,246	2,171,142	8,424,179
Land Area in hectare	7,595,404	517,320	1,108,742	9,221,466
Number of Male Holders	6,998,415	857,569	1,924,013	7,100,412
Land area in Hectare	6,738,787	498,756	1,032,939	8,270,482
Average Area/male holder	0.96	0.58	0.54	1.16
Number of Female Holders	1,308,011	58,676	247,129	1,323,767
Land area in Hectare	856,617	18,565	75,803	950,984
Average Area/female holder	0.65	0.32	0.31	0.72
Number of Parcels	22,112,321	748,120	1,857,551	24,859,161
Average area/Parcel	0.34	0.69	0.60	0.37
Number of Parcels/Holders	2.66	0.82	0.86	2.95
Number of Fields	60,595,114	916,246	2,171,142	64,959,279
Average area/Fields	-	-	-	-
Number of Fields/Holders	7.29	1	1	7.71

**Table 7.5 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Somali Region**

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	288,502	181	14,433	301,577
Number of Male Head Households	178,590	171	7,853	185,371
Number of Female Head Households	109,911	9	6,581	116,206
Number of Holders	288,557	181	14,433	301,632
Land Area in hectare	43,241	34	594	43,869
Number of Male Holders	177,757	171	7,582	184,268
Land area in Hectare	32,306	33	309	32,649
Average Area/male holder	0.18	0.19	0.04	0.18
Number of Female Holders	110,800	9	6,851	117,365
Land area in Hectare	10,935	*	285	11,220
Average Area/female holder	0.10	*	0.04	0.10
Number of Parcels	43,777	-	1,608	45,287
Average area/Parcel	0.99	-	0.37	0.97
Number of Parcels/Holders	0.15	-	0.11	0.15
Number of Fields	309,262	181	14,433	322,376
Average area/Fields	-	-	-	-
Number of Fields/Holders	1.07	1	1	1.07

**Table 7.6 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Benishangul – Gumuz Region**

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	216,052	52,436	34,043	220,156
Number of Male Head Households	176,418	48,871	29,086	178,996
Number of Female Head Households	39,634	3,565	4,957	41,161
Number of Holders	217,593	52,743	35,114	222,989
Land Area in hectare	204,440	52,156	34,498	291,094
Number of Male Holders	175,244	48,056	29,714	179,113
Land area in Hectare	184,728	50,817	33,122	268,667
Average Area/male holder	1.05	1.06	1.11	1.50
Number of Female Holders	42,350	4,687	5,400	43,876
Land area in Hectare	19,712	1,339	1,375	22,427
Average Area/female holder	0.47	0.29	0.25	0.51
Number of Parcels	302,459	47,266	32,201	387,454
Average area/Parcel	0.68	1.10	1.07	0.75
Number of Parcels/Holders	1.39	0.90	0.92	1.74
Number of Fields	1,247,446	52,743	35,114	1,380,997
Average area/Fields	-	-	-	-
Number of Fields/Holders	5.73	1	1	6.19

Table 7.7 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
SNNP Region

Items	Tenure system			
	Land owned	Land rented	Other	All
Number of Households	4,492,676	150,911	546,626	4,529,457
Number of Male Head Households	3,622,933	137,351	463,526	3,650,395
Number of Female Head Households	869,743	13,560	83,100	879,062
Number of Holders	4,513,726	150,911	548,250	4,553,473
Land Area in hectare	2,150,047	30,739	138,850	2,319,636
Number of Male Holders	3,644,497	137,899	467,131	3,675,681
Land area in Hectare	1,815,960	29,092	128,258	1,973,310
Average Area/male holder	0.50	0.21	0.27	0.54
Number of Female Holders	869,229	13,012	81,119	877,792
Land area in Hectare	334,087	1,647	10,592	346,326
Average Area/female holder	0.38	0.13	0.13	0.39
Number of Parcels	17,474,494	117,197	460,323	17,874,037
Average area/Parcel	0.12	0.26	0.30	0.13
Number of Parcels/Holders	3.87	0.78	0.84	3.93
Number of Fields	46,128,795	150,911	548,250	47,277,265
Average area/Fields	-	-	-	-
Number of Fields/Holders	10.22	1	1	10.38

Table 7.8 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Sidama Region

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	1,023,895	13,209	93,339	1,025,661
Number of Male Head Households	866,713	13,209	76,153	868,479
Number of Female Head Households	157,182	-	17,186	157,182
Number of Holders	1,027,338	13,209	94,496	1,029,103
Land Area in hectare	290,568	669	11,461	302,698
Number of Male Holders	870,177	13,209	77,310	871,943
Land area in Hectare	255,021	669	8,377	264,068
Average Area/male holder	0.29	0.05	0.11	0.30
Number of Female Holders	157,160	-	17,186	157,160
Land area in Hectare	35,547	-	3,084	38,630
Average Area/female holder	0.23	-	0.18	0.25
Number of Parcels	3,121,051	9,026	78,525	3,152,249
Average area/Parcel	0.09	0.07	0.15	0.10
Number of Parcels/Holders	3.04	0.68	0.83	3.06
Number of Fields	7,521,423	13,209	94,496	7,642,330
Average area/Fields	-	-	-	-
Number of Fields/Holders	7.32	1	1	7.43

**Table 7.9 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Gambela Region**

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	44,226	2,407	5,805	46,316
Number of Male Head Households	31,701	2,003	4,363	33,397
Number of Female Head Households	12,525	404	1,442	12,919
Number of Holders	44,429	2,407	5,805	46,621
Land Area in hectare	26,795	502	1,454	28,751
Number of Male Holders	31,523	2,016	4,355	33,219
Land area in Hectare	20,544	404	1,371	22,319
Average Area/male holder	0.65	0.20	0.31	0.67
Number of Female Holders	12,906	391	1,450	13,402
Land area in Hectare	6,251	98	84	6,433
Average Area/female holder	0.48	0.25	0.06	0.48
Number of Parcels	92,948	860	4,646	97,060
Average area/Parcel	0.29	0.58	0.31	0.30
Number of Parcels/Holders	2.09	0.36	0.80	2.08
Number of Fields	194,624	2,407	5,805	205,307
Average area/Fields	-	-	-	-
Number of Fields/Holders	4.38	1	1	4.40

**Table 7.10 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Harari Region**

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	47,661	974	8,791	47,792
Number of Male Head Households	40,968	876	7,738	41,082
Number of Female Head Households	6,692	97	1,053	6,710
Number of Holders	47,737	974	8,791	47,868
Land Area in hectare	21,071	204	312	21,587
Number of Male Holders	41,414	894	7,697	41,546
Land area in Hectare	19,232	200	291	19,723
Average Area/male holder	0.46	0.22	0.04	0.47
Number of Female Holders	6,323	79	1,094	6,323
Land area in Hectare	1,839	4	22	1,864
Average Area/female holder	0.29	0.05	0.02	0.29
Number of Parcels	202,607	873	8,609	208,837
Average area/Parcel	0.10	0.23	0.04	0.10
Number of Parcels/Holders	4.24	0.90	0.98	4.36
Number of Fields	255,437	974	8,791	264,038
Average area/Fields	-	-	-	-
Number of Fields/Holders	5.35	1	1	5.52

Table 7.11 Distribution of Households, Holders, Land area and Parcels by Tenure system, 2021/22 (2014 EC)
Dire Dawa

Items	Tenure system			
	Land owned	Land rented	Other tenure	All
Number of Households	35,748	277	4,039	36,422
Number of Male Head Households	31,063	277	3,433	31,446
Number of Female Head Households	4,684	-	607	4,976
Number of Holders	35,822	277	4,039	36,496
Land Area in hectare	13,946	17	432	14,394
Number of Male Holders	30,185	277	3,433	30,568
Land area in Hectare	12,843	17	425	13,285
Average Area/male holder	0.43	0.06	0.12	0.43
Number of Female Holders	5,637	-	607	5,929
Land area in Hectare	1,103	-	6	1,109
Average Area/female holder	0.20	-	0.01	0.19
Number of Parcels	86,941	262	3,183	90,677
Average area/Parcel	0.16	0.06	0.14	0.16
Number of Parcels/Holders	2.43	0.95	0.79	2.48
Number of Fields	75,975	277	4,039	79,128
Average area/Fields	-	-	-	-
Number of Fields/Holders	2.12	1	1	2.17

Table 8: Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22 (2014 EC)

Ethiopia

Distribution of Holding size (HA)	Sex of holder					
	Male		Female		Both	
	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	2,041,446	88,981	1,018,133	39,690	3,059,579	128,672
0.10 – 0.50	4,810,156	1,373,371	1,264,196	343,435	6,074,352	1,716,806
0.51 – 1	3,880,013	2,813,118	566,172	398,878	4,446,184	3,211,996
1.01 – 2	3,547,369	4,997,238	413,556	562,414	3,960,925	5,559,653
2.01 – 5	1,871,800	5,274,938	123,894	340,051	1,995,694	5,614,990
5.01 – 10	165,301	1,059,262	11,193	69,090	176,494	1,128,352
Over 10	21,645	391,189	*	*	23,207	415,473
All	16,337,729	15,998,098	3,398,705	1,777,843	19,736,434	17,775,941

Table 8.2 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22 (2014 EC)

Afar Region

Distribution of Holding size (HA)	Sex of holder					
	Male		Female		Both	
	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	55,326	1,561	22,907	627	78,233	2,188
0.10 – 0.50	5,694	1,355	1,136	247	6,830	1,601
0.51 – 1	3,808	2,697	669	492	4,477	3,189
1.01 – 2	2,254	3,132	*	*	2,383	3,311
2.01 – 5	1,299	3,096	*	*	1,337	3,229
5.01 – 10	*	*	-	-	*	*
Over 10	-	-	-	-	-	-
All	68,759	14,374	24,879	1,676	93,638	16,051

Table 8.3 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22 (2014 EC)

Amhara Region

Distribution of Holding size (HA)	Sex of holder					
	Male		Female		Both	
	Number	Area (HA)	Number	Area	Number	Area (HA)
Under 0.10	210,457	7,820	287,765	10,063	498,222	17,884
0.10 – 0.50	800,590	247,065	297,833	79,863	1,098,423	326,928
0.51 – 1	1,133,122	846,486	116,134	83,335	1,249,256	929,821
1.01 – 2	1,313,150	1,864,205	96,412	132,926	1,409,563	1,997,131
2.01 – 5	651,757	1,810,055	26,918	73,331	678,675	1,883,386
5.01 – 10	36,764	229,161	3,150	17,656	39,914	246,817
Over 10	6,381	114,429	-	-	6,381	114,429
All	4,152,220	5,119,221	828,213	397,174	4,980,433	5,516,395

**Table 8.4 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Oromia Region

Distribution of Holding size (HA)	Sex of holder					
	Male		Female		Both	
	Number	Area (HA)	Number	Area	Number	Area (HA)
Under 0.10	549,784	23,443	260,508	10,222	810,292	33,665
0.10 – 0.50	1,827,733	544,508	457,218	130,860	2,284,951	675,368
0.51 – 1	1,818,688	1,318,861	269,987	192,364	2,088,675	1,511,224
1.01 – 2	1,731,689	2,451,093	247,254	339,057	1,978,943	2,790,150
2.01 – 5	1,047,019	2,982,534	81,799	225,587	1,128,818	3,208,121
5.01 – 10	113,985	735,382	5,974	37,424	119,958	772,806
Over 10	11,514	214,661	*	*	12,541	230,132
All	7,100,412	8,270,482	1,323,767	950,984	8,424,179	9,221,466

**Table 8.5 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Somali Region

Distribution of Holding size (HA)	Sex of holder					
	Male		Female		Both	
	Number	Area (HA)	Number	Area	Number	Area (HA)
Under 0.10	153,230	3,842	101,715	2,581	254,945	6,423
0.10 – 0.50	17,308	4,936	9,913	2,918	27,221	7,855
0.51 – 1	8,100	5,728	3,744	2,693	11,844	8,420
1.01 – 2	4,202	5,487	1,662	2,130	5,865	7,617
2.01 – 5	1,169	2,975	330	898	1,499	3,873
5.01 – 10	*	*	-	-	*	*
Over 10	*	*	-	-	*	*
All	184,268	32,649	117,365	11,220	301,632	43,869

**Table 8.6 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Benishangul – Gumuz Region

Distribution of Holding size (HA)	Sex of holder					
	Male		Female		Both	
	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	16,361	652	14,252	577	30,613	1,229
0.10 – 0.50	44,423	13,250	15,401	4,043	59,825	17,292
0.51 – 1	31,850	22,696	8,040	5,511	39,890	28,207
1.01 – 2	44,308	64,357	3,815	4,965	48,123	69,322
2.01 – 5	35,321	102,017	2,281	6,093	37,602	108,110
5.01 – 10	4,200	26,136	-	-	4,200	26,136
Over 10	*	*	*	*	*	*
All	179,113	268,667	43,876	22,427	222,989	291,094

**Table 8.7 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

SNNP Region

Distribution of	Sex of holder					
	Male		Female		Both	
Holding size (HA)	Number	Area (HA)	Number	Area	Number	Area (HA)
Under 0.10	763,714	35,998	266,911	12,337	1,030,625	48,335
0.10 – 0.50	1,605,278	433,518	386,776	101,431	1,992,054	534,949
0.51 – 1	764,603	534,565	151,229	104,197	915,832	638,761
1.01 – 2	407,704	552,362	58,108	75,235	465,812	627,596
2.01 – 5	123,951	342,393	12,322	33,433	136,273	375,827
5.01 – 10	9,624	63,605	2,051	*	11,676	77,508
Over 10	*	*	*	*	*	*
All	3,675,681	1,973,310	877,792	346,326	4,553,473	2,319,636

**Table 8.8 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Sidama Region

Distribution of	Sex of holder					
	Male		Female		Both	
Holding size (HA)	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	273,342	14,831	55,535	2,971	328,877	17,802
0.10 – 0.50	457,207	114,628	83,327	20,931	540,533	135,559
0.51 – 1	98,140	66,862	12,877	7,908	111,017	74,771
1.01 – 2	35,329	45,142	*	*	40,751	51,961
2.01 – 5	*	*	-	-	*	*
5.01 – 10	-	-	-	-	-	-
Over 10	-	-	-	-	-	-
All	871,943	264,068	157,160	38,630	1,029,103	302,698

**Table 8.9 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Gambela Region

Distribution of	Sex of holder					
	Male		Female		Both	
Holding size (HA)	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	6,823	250	3,789	140	10,613	390
0.10 – 0.50	15,352	4,215	6,815	1,676	22,167	5,891
0.51 – 1	5,536	3,878	2,014	1,363	7,550	5,241
1.01 – 2	3,118	4,219	506	784	3,624	5,004
2.01 – 5	2,045	5,563	*	*	2,252	6,139
5.01 – 10	*	*	*	*	219	1,466
Over 10	*	*	*	*	*	*
All	33,219	22,319	13,402	6,433	46,621	28,751

**Table 8.10 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Harari Region

Distribution of	Sex of holder					
	Male		Female		Both	
Holding size (HA)	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	6,053	344	1,771	91	7,823	435
0.10 – 0.50	20,961	5,653	3,419	852	24,380	6,505
0.51 – 1	9,803	6,936	1,032	753	10,835	7,689
1.01 – 2	4,297	5,487	*	*	4,397	5,654
2.01 – 5	392	1,065	-	-	392	1,065
5.01 – 10	41	239	-	-	41	239
Over 10	-	-	-	-	-	-
All	41,546	19,723	6,323	1,864	47,868	21,587

**Table 8.11 Distribution of Holders and Area by Holding size and Sex of Holder, 2021/22
(2014 EC)**

Dire Dawa

Distribution of	Sex of holder					
	Male		Female		Both	
Holding size (HA)	Number	Area (HA)	Number	Area (HA)	Number	Area (HA)
Under 0.10	6,356	241	2,980	80	9,336	321
0.10 – 0.50	15,612	4,243	2,358	615	17,969	4,859
0.51 – 1	6,363	4,411	444	262	6,807	4,673
1.01 – 2	1,316	1,754	*	*	1,463	1,906
2.01 – 5	921	2,636	-	-	921	2,636
5.01 – 10	-	-	-	-	-	-
Over 10	-	-	-	-	-	-
All	30,568	13,285	5,929	1,109	36,496	14,394

Table 9: Area of Land under Double cropping by Region, 2021/22 (2014 EC)

REGION	Number of Holders	All Area in Hectare
Afar	53	35
Amhara	321,044	92,527
Oromiya	397,913	100,344
Somali	218	56
Benishangul Gumuz	6,153	852
SNNP	103,098	9,798
Sidama	23,457	1,111
Gambela	2,549	835
Hareri	405	34
Dire Dawa Astedadar	150	1
ALL/National	855,040	205,593

Table 10: Newly Cultivated Land by Region, 2021/22 (2014 EC)

REGION	Number of Holders	All Area in Hectare
Amhara	32764	5519
Oromiya	123241	13454
Somali	320	2
Benishangul Gumuz	2444	219
SNNP	74204	3515
Sidama	11617	497
Gambela	127	22
Hareri	703	44
ALL/National	245420	23273

APPENDIX I:

ESTIMATION PROCEDURES OF TOTALS, RATIOS AND SAMPLING ERRORS

Estimation Procedures of Totals, Ratios and Sampling Errors

The following formulas were used to estimate total area of land under specific crop, production and yield of specific crop in a stratum

1 For Estimating Total Area Of Land Under Specific Crop:

$$\hat{A}_h = \sum_{i=1}^{n_h} W_{hi} \sum_{j=1}^{h_{hi}} a_{hij} = \sum_{i=1}^{n_h} W_{hi} a_{hi}$$

in which, $W_{hi} = \frac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the h^{th} stratum

M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame

m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame

H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum

h_{hi} is the number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum

a_{hij} is the value of area for agricultural household j , in the i^{th} EA in the h^{th} stratum under a specific crop

a_{hi} is the sample total area under specific crop for EA i in stratum h

\hat{A}_h estimate of total area under specific crop in stratum h

2 For Estimating Total Number of Holders and Households:

$$\hat{Y}_h = \sum_{i=1}^{n_h} W_{hi} y_{hi}$$

Where:

y_{hi} is the sample total number of holders/households of i^{th} EA in the h^{th} stratum

\hat{Y}_h is estimate of total number of holders/households for the h^{th} stratum

W_{hi} is as defined above

3 For Estimating Ratios in Stratum h :

$$\hat{R}_h = \frac{\hat{Y}_h}{\hat{X}_h},$$

Where the numerator and denominator are estimates of domain totals for characteristic y and x , respectively

4 Sampling Variance of Estimates:

Sampling variance for the estimate of stratum total of area and ratio are estimated by the following formulas

$$Var(\hat{A}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{A}_{hi} - \frac{\hat{A}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right)^2$$

$$Var(\hat{R}_h) = \frac{1}{\hat{X}_h^2} \left[Var(\hat{Y}_h) + \hat{R}_h^2 Var(\hat{X}_h) - 2\hat{R}_h Cov(\hat{Y}_h, \hat{X}_h) \right]$$

Where,

$$Cov(\hat{Y}_h, \hat{X}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{Y}_{hi} - \frac{\hat{Y}_h}{n_h} \right) \left(\hat{X}_{hi} - \frac{\hat{X}_h}{n_h} \right) + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{Y}_{hij} - \frac{\hat{Y}_{hi}}{h_{hi}} \right) \left(\hat{X}_{hij} - \frac{\hat{X}_{hi}}{h_{hi}} \right)$$

f_h = average first stage probability of selection of EAs within stratum h

$f_{hi} = \frac{h_{hi}}{H_{hi}}$ = average second stage probability of selection within the i^{th} sample EA in stratum h

$\hat{A}_{hi}, \hat{Y}_{hi}, \hat{X}_{hi}$ are weighted total of area, characteristic y and characteristic x , respectively, of the i^{th} EA and h^{th} stratum

$\hat{A}_{hij}, \hat{Y}_{hij}, \hat{X}_{hij}$ are weighted values of area, characteristic y and characteristic x , respectively, from j^{th}

agricultural household in the i^{th} EA and h^{th} stratum

Since all strata are independent, the total variance at regional and country level is computed by aggregating the result obtained at Zone/Special Wereda level, ie

$$Var(\hat{A}) = \sum_h^L Var(\hat{A}_h), Var(\hat{R}) = \sum_h^L Var(\hat{R}_h),$$

Where, L is the number of strata (Zone/Special Wereda)

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

5 Coefficient of Variation (CV) of Estimates:

Coefficient of Variation (CV) in percentage of estimate of stratum total of area is given by:

$$CV(\hat{A}_h) = \frac{\sqrt{Var(\hat{A}_h)}}{\hat{A}_h} * 100, CV(\hat{R}_h) = \frac{\sqrt{Var(\hat{R}_h)}}{\hat{R}_h} * 100$$

6 *Ninety-Five Percent Confidence Interval (CI) of Stratum Total of Area:*

$$\hat{A}_h \pm 1.96 * SE(\hat{A}_h) ,$$

Where, $SE(\hat{A}_h) = \sqrt{Var(\hat{A}_h)}$ is standard error of the stratum total area estimate

Estimates of standard error and confidence interval for the ratio estimate can also be calculated by adopting the above formulas

APPENDIX II:

ESTIMATES OF STANDARD ERRORS AND COEFFICIENTS OF VARIATIONS

Table 1: Standard Errors and Coefficients of Variations for Estimates of Holders and Area by Land Use Type

Ethiopia

Type of Land Use	Holding Size					
	Under 0.10			0.10 - 050		
	Estimate	SE	CV(%)	Estimate	SE	CV(%)
Temporary Crop	43,410.73	526.94	1.21	992,476.73	8,477.60	0.85
Number of holders	1,903,224.75	23,153.47	1.22	5,643,622.87	32,928.64	0.58
Permanent Crop	43,246.79	677.06	1.57	395,184.28	4,069.57	1.03
Number of holders	1,898,122.32	33,166.65	1.75	4,533,698.45	24,744.46	0.55
Fallow Land	1,204.44	58.52	4.86	22,468.40	678.16	3.02
Grazing Land	6,487.08	105.31	1.62	138,948.17	1,241.77	0.89
Wood Land	1,908.53	59.08	3.10	39,271.62	871.20	2.22
Other Land	32,414.05	414.48	1.28	128,456.96	2,069.11	1.61
All Land	128,671.61	1,354.93	1.05	1,716,806.17	10,086.02	0.59
Number of holders	3,059,579.04	40,155.18	1.31	6,074,351.63	32,340.77	0.53

Table 1 cont'd

Type of Land Use	Holding Size					
	0.51 – 1			1.01 - 2		
	Estimate	SE	CV(%)	Estimate	SE	CV(%)
Temporary Crop	2,229,645.87	18,892.76	0.85	4,154,437.37	43,399.20	1.04
Number of holders	4,322,441.31	31,971.52	0.74	3,906,360.16	32,151.03	0.82
Permanent Crop	398,373.51	6,697.01	1.68	435,051.03	12,369.33	2.84
Number of holders	2,915,102.18	25,700.76	0.88	2,410,611.72	29,007.21	1.20
Fallow Land	55,271.07	1,643.86	2.97	106,251.86	3,403.11	3.20
Grazing Land	267,685.97	3,597.56	1.34	524,615.31	6,468.66	1.23
Wood Land	60,608.96	1,929.78	3.18	82,069.14	2,567.37	3.13
Other Land	200,410.72	8,458.29	4.22	257,227.90	7,236.57	2.81
All Land	3,211,996.10	22,729.05	0.71	5,559,652.61	50,097.95	0.90
Number of holders	4,446,184.34	32,411.38	0.73	3,960,924.53	32,314.02	0.82

Table 1 cont'd

Type of Land Use	Holding Size					
	2.01 – 5			5.01 – 10		
	Estimate	SE	CV(%)	Estimate	SE	CV(%)
Temporary Crop	4,226,680.32	43,053.44	1.02	812,643.87	12,067.74	1.48
Number of holders	1,981,343.92	22,355.32	1.13	175,102.09	2,869.97	1.64
Permanent Crop	322,601.23	13,816.01	4.28	64,830.06	5,223.12	8.06
Number of holders	1,131,163.21	19,574.12	1.73	82,812.98	2,502.48	3.02
Fallow Land	106,581.27	7,814.88	7.33	31,719.81	2,522.99	7.95
Grazing Land	629,875.53	9,197.60	1.46	151,085.55	2,316.69	1.53
Wood Land	91,692.99	1,410.43	1.54	13,362.30	38.48	0.29
Other Land	237,558.32	6,421.62	2.70	54,710.54	405.98	0.74
All Land	5,614,989.65	64,754.85	1.15	1,128,352.12	17,556.09	1.56
Number of holders	1,995,693.51	22,577.62	1.13	176,493.78	2,869.97	1.63

Table 1 cont'd

Type of Land Use	Holding Size					
	Over 10			Total		
	Estimate	SE	CV(%)	Estimate	SE	CV(%)
Temporary Crop	316,431.96	18,267.02	5.77	12,775,726.85	74,208.72	0.58
Number of holders	23,153.44	1,536.13	6.63	17,955,248.54	53,870.51	0.30
Permanent Crop	30,297.59	197.18	0.65	1,689,584.48	22,446.40	1.33
Number of holders	12,510.51	1,348.26	10.78	12,984,021.37	59,385.77	0.46
Fallow Land	7,732.14	7,188.20	92.97	331,228.99	16,057.52	4.85
Grazing Land	36,074.78	160.53	0.44	1,754,772.39	14,657.09	0.84
Wood Land	14,766.01	5.72	0.04	303,679.54	4,602.46	1.52
Other Land	10,170.59	206.63	2.03	920,949.08	18,946.12	2.06
All Land	415,473.06	23,310.95	5.61	17,775,941.33	96,535.03	0.54
Number of holders	23,206.98	1,536.13	6.62	19,736,433.81	58,602.82	0.30

Table -2: Standard Errors and Coefficients of variations for Estimates of Households by Household and Holding Size

Ethiopia

Ssize of Holding In Hectares	Household Size					
	All Households			Households with One Member		
	Estimate	SE	CV In %	Estimate	SE	CV In %
All sizes	19,402,752.70	55,616.77	0.29	495,053.10	9,418.52	1.90
Under 0.10 Hectare	2,968,340.13	39,536.13	1.33	215,569.95	5,739.02	2.66
0.10 – 0.50 Hectare	5,897,074.19	30,557.18	0.52	169,248.95	4,444.22	2.63
0.51 - 1 Hectare	4,377,901.07	30,310.23	0.69	71,961.28	2,895.58	4.02
1.01 - 2 Hectare	3,923,214.44	31,431.21	0.80	29,887.07	1,229.06	4.11
2.01 - 5 Hectare	2,029,193.97	22,774.24	1.12	8,385.85	708.54	8.45
5.01 - 10 Hectare	182,456.46	2,867.35	1.57	-	-	-
Over 10 Hectare	24,572.44	1,496.46	6.09	-	-	-

Table -2: cont'd

Ssize of Holding In Hectares	Household Size					
	Households with 2 – 3 Members			Households with 4 – 5 Members		
	Estimate	SE	CV In %	Estimate	SE	CV In %
All sizes	4,280,792.23	22,358.89	0.52	6,763,059.87	35,548.89	0.53
Under 0.10 Hectare	928,739.01	9,581.62	1.03	967,087.42	18,595.35	1.92
0.10 - 050 Hectare	1,501,886.40	13,677.04	0.91	2,070,616.72	18,355.34	0.89
0.51 - 1 Hectare	943,052.81	11,969.83	1.27	1,550,759.56	20,760.78	1.34
1.01 - 2 Hectare	669,920.98	11,409.04	1.70	1,466,801.72	14,824.45	1.01
2.01 - 5 Hectare	220,704.32	4,418.13	2.00	659,730.87	7,424.70	1.13
5.01 - 10 Hectare	13,800.53	534.24	3.87	41,368.91	1,574.77	3.81
Over 10 Hectare	2,688.18	86.38	3.21	6,694.67	1,022.05	15.27

Table -2: cont'd

Ssize of Holding In Hectares	Household Size					
	Households with 6 – 9 Members			Households with 10 or more Members		
	Estimate	SE	CV In %	Estimate	SE	CV In %
All sizes	7,052,026.06	32,569.71	0.46	811,821.44	12,123.99	1.49
Under 0.10 Hectare	744,454.60	16,833.31	2.26	112,489.15	3,638.98	3.23
0.10 – 0.50 Hectare	1,949,737.31	14,562.69	0.75	205,584.81	10,058.32	4.89
0.51 - 1 Hectare	1,626,028.71	14,046.80	0.86	186,098.71	5,221.83	2.81
1.01 - 2 Hectare	1,590,330.94	18,072.45	1.14	166,273.73	2,401.79	1.44
2.01 - 5 Hectare	1,024,191.96	17,869.13	1.74	116,180.97	3,548.94	3.05
5.01 - 10 Hectare	106,962.53	1,776.81	1.66	20,324.49	339.75	1.67
Over 10 Hectare	10,320.01	431.83	4.18	4,869.58	390.35	8.02

Table 6: Standard Errors and Coefficients of Variations for the Estimates of Holder and Area by Holding Size & type and Tenure System

Ethiopia

Crop Holding

Size of Holding By Tenure	Number of Holders			Holding Area in Hectare		
	Estimate	SE	CV %	Estimate	SE	CV %
Holdings Under 0.10 Hectare						
All Tenure	900,121.04	36,638.71	4.07	36,403.15	1,622.57	4.46
Land Owned	866,871.18	35,697.76	4.12	34,602.25	1,578.60	4.56
Land Rented	46,325.29	7,018.54	15.15	645.10	122.76	19.03
Other Tenure	77,537.44	9,802.97	12.64	1,155.79	209.13	18.09
Holdings 0.10– 0.50 Hectares						
All Tenure	985,753.48	32,416.72	3.29	252,688.22	8,567.66	3.39
Land Owned	946,437.82	31,228.31	3.30	218,344.35	7,596.39	3.48
Land Rented	78,124.95	8,508.82	10.89	9,893.68	1,434.59	14.50
Other Tenure	162,198.89	12,315.42	7.59	24,450.18	2,367.04	9.68
Holdings 0.51 - 1 Hectares						
All Tenure	375,160.82	17,950.23	4.78	264,665.38	12,765.54	4.82
Land Owned	359,304.95	17,413.57	4.85	200,836.91	10,184.44	5.07
Land Rented	58,913.94	7,258.35	12.32	20,479.52	2,849.69	13.91
Other Tenure	115,751.64	9,873.87	8.53	43,348.95	4,353.75	10.04
Holdings 1.01 - 2 Hectares						
All Tenure	213,181.10	13,923.70	6.53	289,505.88	19,623.03	6.78
Land Owned	207,151.49	13,688.04	6.61	206,924.24	15,840.36	7.66
Land Rented	47,169.69	6,334.60	13.43	26,481.72	5,314.01	20.07
Other Tenure	85,349.63	8,049.78	9.43	56,099.92	6,212.21	11.07
Holdings 2.01 - 5 Hectares						
All Tenure	55,748.25	5,294.67	9.50	146,837.87	14,641.46	9.97
Land Owned	50,657.47	5,111.53	10.09	93,401.63	12,116.64	12.97
Land Rented	20,004.23	2,729.10	13.64	26,834.19	4,329.53	16.13
Other Tenure	21,206.80	3,136.02	14.79	26,602.06	4,482.94	16.85
Holdings 5.01 - 10 Hectares						
All Tenure	6,020.75	1,470.28	24.42	39,316.50	9,268.03	23.57
Land Owned	4,737.62	1,361.00	28.73	18,280.65	6,342.26	34.69
Land Rented	3,499.54	1,073.40	30.67	13,972.82	3,269.85	23.40
Other Tenure	2,785.11	926.16	33.25	7,063.03	4,252.58	60.21
Holdings Over 10 Hectares						
All Tenure	744.75	116.69	15.67	11,167.20	2,210.61	19.80
Land Owned	744.75	116.69	15.67	8,530.38	5.71	0.07
Land Rented	744.75	116.69	15.67	2,636.83	2,204.90	83.62
Other Tenure	-	-	-	-	-	-
Holdings of All Size						
All Tenure	2,536,730.19	58,509.19	2.31	1,040,584.20	35,798.12	3.44
Land Owned	2,435,905.28	56,277.21	2.31	780,920.41	28,388.21	3.64
Land Rented	254,782.39	18,709.42	7.34	100,943.86	10,377.47	10.28
Other Tenure	464,829.51	22,776.59	4.90	158,719.94	11,841.19	7.46

Table 6 cont'd

Ethiopia Livestock Holding

Size of Holding By Tenure	Number of Holders			Holding Area in Hectare		
	Estimate	SE	CV %	Estimate	SE	CV %
Holdings Under 0.10 Hectare						
All Tenure	613,188.57		3.07	13,687.30	547.10	4.00
Land Owned	538,009.70	18,801.05	3.10	12,383.81	505.26	4.08
Land Rented		16,660.85				
Other Tenure	34,537.21	5,697.22	16.50	357.14	90.66	25.39
Holdings 0.10 – 0.50 Hectares	44,481.64	5,900.99	13.27	946.36	119.61	12.64
All Tenure	50,954.78	6,457.07	12.67	11,901.61	1,833.40	15.40
Land Owned	49,795.25	6,388.79	12.83	11,246.07	1,787.13	15.89
Land Rented	2,362.96	1,091.87	46.21	306.72	157.32	51.29
Other Tenure	2,373.83	1,001.91	42.21	348.83	184.36	52.85
Holdings 0.51 - 1 Hectares						
All Tenure	23,548.36	7,889.40	33.50	17,297.79	5,894.95	34.08
Land Owned	23,548.36	7,889.40	33.50	16,776.98	5,721.14	34.10
Land Rented	1,043.83	1,043.33	99.95	223.69	223.59	99.95
Other Tenure	1,519.63	935.12	61.54	297.11	223.72	75.30
Holdings 1.01 - 2 Hectares						
All Tenure	22,696.17	2,873.07	12.66	29,353.36	3,740.36	12.74
Land Owned	22,696.17	2,873.07	12.66	28,608.28	3,506.45	12.26
Land Rented	690.79	373.07	54.01	231.74	175.36	75.67
Other Tenure	1,768.57	1,147.02	64.86	513.35	360.66	70.26
Holdings 2.01 - 5 Hectares						
All Tenure	1,849.48	914.88	49.47	5,915.72	3,145.84	53.18
Land Owned	1,849.48	914.88	49.47	5,915.72	3,145.84	53.18
Land Rented	-	-	-	-	-	-
Other Tenure	-	-	-	-	-	-
Holdings 5.01 - 10 Hectares						
All Tenure	1,329.08	-	-	7,877.19	-	-
Land Owned	1,329.08	-	-	7,877.19	-	-
Land Rented	-	-	-	-	-	-
Other Tenure	-	-	-	-	-	-
Holdings Over 10 Hectares						
All Tenure	-	-	-	-	-	-
Land Owned	-	-	-	-	-	-
Land Rented	-	-	-	-	-	-
Other Tenure	-	-	-	-	-	-
Holdings of All Size						
All Tenure	713,566.44	22,829.65	3.20	86,032.98	9,972.46	11.59
Land Owned	637,228.04	21,022.81	3.30	82,808.04	9,580.71	11.57
Land Rented	38,634.79	5,978.14	15.47	1,119.28	336.82	30.09
Other Tenure	50,143.67	6,287.22	12.54	2,105.66	550.65	26.15

Table 6 cont'd
Ethiopia Crop and Livestock Holding

Size of Holding By Tenure	Number of Holders			Holding Area in Hectare		
	Estimate	SE	CV %	Estimate	SE	CV %
Holdings Under 0.10 Hectare						
All Tenure	1,546,269.43	53,381.68	3.45	78,581.16	2,567.43	3.27
Land Owned	1,517,714.59	53,051.77	3.50	75,070.58	2,505.11	3.34
Land Rented	42,146.40	6,400.01	15.19	655.63	95.38	14.55
Other Tenure	134,713.93	11,951.75	8.87	2,854.96	351.63	12.32
Holdings 0.10 – 0.50 Hectares						
All Tenure	5,037,643.37	74,610.13	1.48	1,452,216.34	22,482.47	1.55
Land Owned	5,002,503.41	74,407.79	1.49	1,332,287.61	20,961.88	1.57
Land Rented	211,197.20	14,225.67	6.74	28,023.65	2,737.36	9.77
Other Tenure	747,067.56	30,278.86	4.05	91,905.07	4,858.51	5.29
Holdings 0.51 - 1 Hectares						
All Tenure	4,047,475.16	66,029.14	1.63	2,930,032.94	47,573.48	1.62
Land Owned	4,034,163.31	66,034.70	1.64	2,510,889.95	43,300.06	1.72
Land Rented	351,871.06	16,533.08	4.70	97,497.53	6,542.07	6.71
Other Tenure	1,102,198.49	35,970.91	3.26	321,645.46	12,457.56	3.87
Holdings 1.01 - 2 Hectares						
All Tenure	3,725,047.26	64,975.58	1.74	5,240,793.37	94,636.22	1.81
Land Owned	3,713,787.76	64,864.77	1.75	4,258,009.57	84,691.50	1.99
Land Rented	582,562.88	27,949.99	4.80	271,926.08	16,817.07	6.18
Other Tenure	1,315,919.29	38,657.32	2.94	710,857.71	28,647.87	4.03
Holdings 2.01 - 5 Hectares						
All Tenure	1,938,095.78	51,634.31	2.66	5,462,236.05	149,808.30	2.74
Land Owned	1,923,585.66	51,313.06	2.67	4,211,815.54	123,859.49	2.94
Land Rented	457,084.15	21,335.48	4.67	411,823.55	22,982.49	5.58
Other Tenure	827,752.79	31,005.55	3.75	838,596.96	41,260.81	4.92
Holdings 5.01 - 10 Hectares						
All Tenure	169,143.95	11,218.03	6.63	1,081,158.43	73,969.97	6.84
Land Owned	167,678.84	11,179.60	6.67	825,891.81	61,554.37	7.45
Land Rented	62,162.88	6,066.08	9.76	144,110.20	18,007.02	12.50
Other Tenure	67,972.76	6,383.67	9.39	111,156.42	12,597.77	11.33
Holdings Over 10 Hectares						
All Tenure	22,462.23	3,046.16	13.56	404,305.85	68,842.47	17.03
Land Owned	22,462.23	3,046.16	13.56	321,685.06	64,293.54	19.99
Land Rented	7,377.86	1,703.85	23.09	37,245.43	10,103.54	27.13
Other Tenure	8,717.34	1,664.66	19.10	45,375.37	11,484.21	25.31
Holdings of All Size						
All Tenure	16,486,137.00	*	0.51	16,649,324.00	1.30	*
Land Owned	16,381,896.00	*	0.52	13,535,650.00	1.40	*
Land Rented	1,714,402.43	51,445.99	3.00	991,282.08	41,710.40	4.21
Other Tenure	4,204,342.16	78,695.73	1.87	2,122,391.95	64,879.86	3.06

Table 6 cont'd
Ethiopia All Holding

Size of Holding By Tenure	Number of Holders			Holding Area in Hectare		
	Estimate	SE	CV %	Estimate	SE	CV %
Holdings Under 0.10 Hectare						
All Tenure	3,059,579.04	73,203.50	2.39	128,671.61	3,260.98	2.53
Land Owned	2,922,595.47	70,844.21	2.42	122,056.64	3,166.95	2.59
Land Rented	123,008.90	12,827.54	10.43	1,657.87	193.23	11.66
Other Tenure	256,733.01	18,265.14	7.11	4,957.11	464.08	9.36
Holdings 0.10 – 0.50 Hectares						
All Tenure	6,074,351.63	81,334.15	1.34	1,716,806.17	24,207.75	1.41
Land Owned	5,998,736.48	80,699.62	1.35	1,561,878.03	22,434.55	1.44
Land Rented	291,685.11	17,716.69	6.07	38,224.05	3,282.03	8.59
Other Tenure	911,640.28	34,684.81	3.80	116,704.09	5,955.80	5.10
Holdings 0.51 - 1 Hectares						
All Tenure	4,446,184.34	68,340.98	1.54	3,211,996.10	49,290.37	1.53
Land Owned	4,417,016.62	68,438.44	1.55	2,728,503.84	44,849.03	1.64
Land Rented	411,828.83	18,397.61	4.47	118,200.75	7,382.97	6.25
Other Tenure	1,219,469.76	38,248.68	3.14	365,291.52	13,502.07	3.70
Holdings 1.01 - 2 Hectares						
All Tenure	3,960,924.53	67,462.97	1.70	5,559,652.61	98,465.54	1.77
Land Owned	3,943,635.42	67,299.94	1.71	4,493,542.09	88,987.59	1.98
Land Rented	630,423.36	29,450.66	4.67	298,639.54	18,250.74	6.11
Other Tenure	1,403,037.49	39,658.88	2.83	767,470.98	29,438.14	3.84
Holdings 2.01 - 5 Hectares						
All Tenure	1,995,693.51	52,421.35	2.63	5,614,989.65	152,352.80	2.71
Land Owned	1,976,092.61	52,162.24	2.64	4,311,132.89	125,992.50	2.92
Land Rented	477,088.38	21,830.66	4.58	438,657.74	24,094.70	5.49
Other Tenure	848,959.59	31,409.09	3.70	865,199.03	42,462.15	4.91
Holdings 5.01 - 10 Hectares						
All Tenure	176,493.78	11,442.23	6.48	1,128,352.12	75,343.48	6.68
Land Owned	173,745.54	11,349.18	6.53	852,049.65	61,985.52	7.27
Land Rented	65,662.42	6,325.60	9.63	158,083.03	18,934.65	11.98
Other Tenure	70,757.87	6,553.95	9.26	118,219.45	13,783.87	11.66
Holdings Over 10 Hectares						
All Tenure	23,206.98	3,048.03	13.13	415,473.06	68,874.43	16.58
Land Owned	23,206.98	3,048.03	13.13	330,215.43	64,293.53	19.47
Land Rented	8,122.61	1,707.20	21.02	39,882.26	10,319.59	25.88
Other Tenure	8,717.34	1,664.66	19.10	45,375.37	11,484.21	25.31
Holdings of All Size						
All Tenure	19,736,434.00	*	*	17,775,941.00	*	*
Land Owned	19,455,029.00	*	*	14,399,379.00	*	*
Land Rented	2,007,819.61	58,905.72	2.93	1,093,345.22	45,607.51	4.17
Other Tenure	4,719,315.34	85,356.03	1.81	2,283,217.54	68,295.80	2.99

APPENDIX III:

**Number of EAs, Households
Sampled and Covered, Number of
Parcels and fields Measured**

APPENDIX III - Number of EAs and Households Planned and Actually Covered

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Woreda	Planned	Covered	Planned	Covered
Afar	Zone_ 1 (Awsi Resu)	26	16	520	321
	Zone_ 2 (Kelbet Resu)	28	0	560	0
	Zone_ 3 (Gebi Resu)	25	19	500	364
	Zone_ 4 (Fenti Resu)	25	0	500	0
	Zone_ 5 (Hari Resu)	26	0	520	0
	Region Total	130	35	2,600	685
Amhara	North Gondar	36	27	720	546
	South Gondar	46	46	920	920
	North Wollo	42	0	840	0
	South Wollo	53	0	1,060	0
	North Shewa	44	44	880	880
	East Gojam	46	46	920	920
	West Gojam	51	51	1,020	1,020
	Waghimra	34	0	680	0
	Awi	38	33	760	673
	Oromo Nationality zone	33	0	660	0
	Central Gondar	49	48	980	960
	Western Gonder	31	30	620	600
	Region Total	503	325	10,060	6,519
Oromia	West Wellega	38	5	760	109
	East Wellega	37	19	740	402
	Ilu Ababora	34	33	680	660
	Jimma	44	44	880	880
	West Shewa	40	21	800	438
	North Shewa	38	30	760	639
	East Shewa	37	37	740	740
	Arsi	42	41	840	820
	West Hararghe	41	41	820	820
	East Hararghe	44	43	880	860
	Bale	38	36	760	720
	East Bale	28	28	560	560
	Borena	30	27	600	511
	South-West Shewa	36	34	720	680
	Guji	37	29	740	572
	Western Guji	36	21	720	440
	Finfinne Zuria Special Zone	29	29	580	580
	West Arsi	41	41	820	820
	Kellem Wellega	34	6	680	126
	Horo Guduru Wellega	32	15	640	307
	Buno Bedele	33	33	660	660
	Region Total	769	613	15,380	12,344

APPENDIX III Continued

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.Woreda	Planned	Covered	Planned	Covered
Somali	Siti	27	24	540	434
	Fafan	33	29	660	571
	Jerer	31	31	620	572
	Erer	29	29	580	571
	Korahe	27	22	540	416
	Shebele	31	28	620	518
	Dollo	31	26	620	519
	Afder	31	30	620	180
	Liben	29	17	580	338
	Nogob	22	21	440	415
	Dawa	25	24	500	444
	Region Total	316	281	6,320	5,398
Benishangul_Gumuz	Metekel	30	2	600	41
	Asosa	29	22	580	464
	Kamashi	24	0	480	0
	Mao-Komo Special Woreda	20	0	400	0
	Region Total	103	24	2,060	505
S.N.N.P	Guraghe	39	39	780	780
	Hadiya	37	37	740	740
	Kembata-Tembaro	32	32	640	640
	Gedio	35	35	700	700
	Wolayita	39	39	780	780
	South Omo	35	32	700	639
	Shaka	27	26	540	524
	Kaffa	37	37	740	740
	Gamo	36	36	720	720
	Bench-Maji	35	32	700	647
	Yem Special Woreda	22	22	440	440
	Dawro	32	32	640	640
	Basketo Special Woreda	20	20	400	400
	Konta Special Woreda	24	24	480	480
	Siltie	35	35	700	699
	Halaba	28	28	560	578
	Segen People's Zone	28	25	560	486
	Konso	25	22	500	440
	Gofa	32	32	640	640
	Region Total	598	585	11,960	11,713
Gambella	Agnuak	21	17	420	340
	Nuer	20	15	400	299
	Mejenger	23	23	460	449
	Itang Special Woreda	20	16	400	317
	Region Total	84	71	1,680	1,405
Harari	Harari	30	30	600	589
Dire Dawa	Dire Dawa	30	30	600	575
Sidama	Sidama	46	46	920	920
	Country Total	2,609	2,040	52,180	40,653

APPENDIX IV:

Survey Questionnaire

ETHIOPIAN STATISTICS SERVICE

ANNUAL AGRICULTURAL SAMPLE SURVEY (2014EC)

SECTION 1: Area Identification

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Woreda	Kebele	EA	HH ID	Sex of HH head M = 1 F = 2	Holder ID	Holder's Name	Age	Sex • M = 1 F = 2	Level of education completed	Household size	Type of agriculture Crop = 1 Livestock = 2 Both = 3

SECTION 2:- Field /Other land use details

15	16	17			
S No	Questions for the holder	Parcel No		Plot/field No	
		The field is covered by: Single crop = 1 Mixed crops = 2 Other land use = 3			
		Crop/other land use name		Crop name	Crop name
		Code		Code	
1	Type of holding: Own = 1 Rented in = 2 Sharecrop in = 3 Other (specify) = 4				
11	For how Much did you rent this plot? If it is your own, how much would you pay if you rent it? (If it is share cropped in, estimate the share of the production that you will share to the owner of the plot in birr)				
2	Is the field under extension program/ Service? Yes = 1 No = 2				
3	Was this field /plot Irrigated? Yes = 1 No = 2 → Q4				
31	If it was irrigated, source of water: River = 1 Lake = 2 Pond = 3 Harvested water = 4 Well/ground water = 5 Dam = 6 other (specify) = 7				
32	Type of irrigation: Full/conventional irrigation = 1 Supplemental irrigation = 2				
4	How many times was the field tilled in this production				

	season? Zero tillage (direct drill/seedling) = 1 Tilled once = 2 Tilled two times = 3 Tilled three or more times = 4 Not at all(not cultivated) = 5					
41	Slope of the field/plot: Plain = 1 <i>partially slopy</i> = 2 <i>slopy</i> = 3					
5	Did you use prevention methods against soil erosion on this field? Yes = 1 No = 2 → Q6					
51	If the answer to Q5 is Yes, main soil erosion preventive method used: Terracing = 1 Bund = 2 Planting trees = 3 Plough across the contour = 4 Rotational grazing = 5 avoiding grazing = 6 Creating grassed waterways = 7 Other (specify) = 8					
6	Do you apply any method to maintain /improve soil organic matters on this field/plot? Yes = 1 No = 2 → Q7					
61	(If the response to Q6 is YES, what method do you mainly used? Growing/Sowing temporary crops in rows between permanent(perennial) crops = 1 Covering the soil with leaves and crop residues= 2 Using natural(organic) fertilizer = 3 Using chemical fertilizers properly(appropriate placement) = 4 By avoiding loose grazing= 5 By sowing/growing different types of crops in one field= 6 intercropping the complexity crop rotations with leguminous(Pulses) crops= 7 other(specify) = 8					
7	How were seeds planted/ sowed? (For only Temporary crops) <i>Broadcasting</i> = 1 <i>Row planting</i> = 2					
8	If more than one crop grown or if crops were intercropped, give the percentage of land devoted to each crop (the total percentage should equal 100)					
9	Number of Plants or trees on the field (for permanent crops only) (exclude chat, pineapple and sugarcane)					
10	Number of matured plants or trees (in full production) on the field (exclude chat, pineapple and sugarcane)					
11	Of the total area of this field, what percent of it is devoted to trees in full production (for each crop type)?					
12	(For “enset” trees only) Number of trees harvested/to be harvested in the production season:					
13	Type of seed/seedling sowed/planted: Improved seed = 1 <i>local seed</i> = 2 → Q16					
131	If code 1 for Q13, the seed used was: (For only Temporary crops) New improved seed for this production season = 1 Improved seed left over from last year production season = 2 Improved seed saved from previous harvest = 3 (if Code 2 or 3 for Q131, → Q16)					
132	If code 1 for Q131, From whom/or institution did you					

	obtain/purchase the seed? Code (a) : (codes are available in enumerators manual)						
14	(For Cereals, Pulses and Oil seeds only:) If improved seeds are used, (If code 1 for Q13, quantity of seed used (in Kg)	Kg	Gm	Kg	Gm	Kg	Gm
15	(For Cereals, Pulses and Oil seeds only:) If improved seeds are used, (If code 1 in Q13), Total cost of seed(Birr)	Birr	Cents	Birr	Cents	Birr	Cents
16	(For Cereals, Pulses and Oil seeds only:) If local seeds are used, (If code 2 in Q13, Code 2 or 3 in Q131), quantity (in Kg)	Kg	Gm	Kg	Gm	Kg	Gm
161	(For Cereals, Pulses and Oil seeds only:) If local seeds are used, (If code 2 in Q13, Code 2 or 3 in Q131), Total cost of seed(Birr)	Birr	Cents	Birr	Cents	Birr	Cents
17	Was there any crop damage on this field? Yes = 1 No = 2 (if the answer is no to Q17, → Q20)						
18	If there was crop damage, (if code 1 for Q17): Main cause of damage: →						
	Code for main cause: →						
19	Percent damaged (if code 1 for Q17):						
20	Have you applied any preventive methods against crop damage? Yes = 1 No = 2 (if the answer to Q20 is no, → Q23)						
21	Type of preventive methods (if code 1 to Q20): Chemical = 1 Natural/traditional/ = 2 Both = 3						

Form AgSS 2012/2A cont'd

SECTION 2:- Field /Other land use details Cont'd

15	16	17
22	If chemical was used, type of chemical: Pesticide = 1 Herbicide = 2 fungicides = 3 1 & 2 = 4 1 & 3 = 5 2 & 3 = 6 All = 7	
23	Have you applied/used natural/chemical fertilizers on this field? Yes = 1 No = 2 (if the answer to Q23 is no → Q27)	
24	If fertilizer was applied, type of fertilizer: Natural = 1 Chemical = 2 Both = 3	
25	If chemical fertilizer was applied, (if code 2 or 3 to Q24): 251 Type of chemical fertilizer: UREA = 1 DAP = 2 UREA &	

	DAP = 3 NPS = 4 NPS & UREA = 5 Blended = 6 UREA & Blended = 7								
	252 Quantity of chemical fertilizer applied to the field (by fertilizer type):	<u>DAP</u> Kg Gm		<u>UREA</u> Kg Gm		<u>NPS</u> Kg Gm		<u>Blended</u> Kg Gm	
	253 If used(applied) chemical fertilizer Total Cost (by fertilizer type):	Birr	Cents	Birr	Cents	Birr	Cents	Birr	Cents
26	If natural fertilizer was used, (if code 1 or 3 to Q24), type of natural fertilizer: Animal waste/manure = 1 compost = 2 Orga = 3 1 & 2 = 4 1 & 3 = 5 2 & 3 = 6 all = 7 other(specify) = 8								
27	Number of times you harvest from this field/plot in this season?								
28	If you harvest twice or more from this plot in this production season, name of crop harvested: (more than one crop possible)	Crop name	Code	Crop name	Code	Crop name	Code		
29	What was the field before this production season? Left fallow = 1 own cropped/cultivated land = 2 government forest/ tef/swamp = 3 comunal grazing/forest/tef land = 4 grazing/forest/tef land under other holder = 5 Cropped/cultivated land under other owner = 6 Own forest/grazing land /tef/swamp=7 other (specify) = 8								
30	Number of oxen/other animals used during Land Clearing,land preparation and planting								
301	Total Cost paid for animal services(oxens/other animals) during Land Clearing,land preparation and planting(If own animals used, Estimated Cost)								
		Male	Female	Child					
31	Number of days family members spent on this field during Land Clearing,land preparation and planting(In Person-days)								
311	Estimated cost for family members participated on this field during Land Clearing,land preparation and								

	planting(In Birr)				
32	Number of days hired persons spent during Land Clearing,land preparation and planting(In Person-days)				
321	Total cost for hired persons during Land Clearing,land preparation and planting(In Birr)				
33	Labour sharing(Debo,Wenfel,Jigi): Number of days persons in the work party spent during Land Clearing,land preparation and planting(In Person-days)				
331	Total Cost paid for persons participated in the work party,(Including spent in the form of foods,drinks,...etc)(In Birr)				
34	Total cost spent for mationsry service during Land Clearing,land preparation and planting (If own mationary used, estimate in monetary value)(In Birr)				
35	Total cost spent for animal service for transport during Land Clearing,land preparation and planting (In Birr)				

ETHIOPIAN STATISTICS SERVICE

ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2021/22 (2014 EC)

PART I – IDENTIFICATION PARTICULARS

SECTION 1: Area Identification

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Woreda	Kebele	EA	HH ID	Sex of HH head M = 1 F = 2	Holder ID	Holder's					Type of agriculture
								Name	Age	Sex • M = 1 F = 2	Level of education completed	Household size	Crop = 1 Livestock = 2 Both = 3
											Code		

PART II – MISCELLANEOUS QUESTIONS FOR THE HOLDER

15	16	17
SERNO	QUESTIONS	CODE
1	Do you practice crop rotation on your land holding? 1 Yes 2 No 3 they have no farmland	
2	<p>If you have not used chemical fertilizer on any of your farm, what was the main reason?</p> <p>Ignorance 1</p> <p>High price 2</p> <p>Lack of Money 3</p> <p>Lack of supply 4</p> <p>lack of credit service 5</p> <p>Skeptical of the outcome 6</p> <p>Others (specify) 7</p> <p>Used chemical fertilizers 8</p> <p>Not Applicable 9</p>	
3	<p>If you did not obtain any extension service on any of your fields, what was the main reason?</p> <p>Ignorance 1</p> <p>Lack of Money 2</p> <p>Skeptical of the outcome 3</p> <p>Non – availability of the program 4</p> <p>Lack of adequate crop fields 5</p> <p>Others (specify) 6</p> <p>participated in Extension Program 7</p> <p>Not Applicable 8</p>	
4	Are you a beneficiary of credit service for agricultural purpose in the survey year? 1 Yes 2 No	

41	<p>If you were a beneficiary of credit service, from whom did you obtain the credit?</p> <p>From Government 1</p> <p>From Private loan organization 2</p> <p>From Non Governmental Organization(NGO) 3</p> <p>From Association(Corporation) 4</p> <p>Others (specify) 5</p>	
5	<p>If you are not beneficiary of credit what was the reason?</p> <p>Non availability of the service 1</p> <p>Unable to pay the loan 2</p> <p>Inadequate services provided 3</p> <p>Ignorance 4</p> <p>Does not yield any results 5</p> <p>Others(specify) 6</p>	
6	In the survey year, did you receive agriculture related advice? 1 Yes 2 No	
7	<p>If you didn't receive advice, (cod 2 Q # 6) Why?</p> <p>Non availability of the service 1</p> <p>Inadequate services provided 2</p> <p>Ignorance 3</p> <p>Does not yield any results 4</p> <p>Others(specify) 5</p>	
8	<p>what was your main source of purchase of chemical of fertilizers?</p> <p>Government organizations 1</p> <p>Private organizations 2</p> <p>Merchants 3</p> <p>Associations 4</p> <p>Others (Specify) 5</p> <p>I don't purchased chemical fertilizer 6</p>	
91	Total chemical fertilizer obtained and prepared for use in any form it includes purchased, gift, loan or support by type of chemical fertilizer in kilo gr(for this meher season)	
	Quantity of total UREA obtained for the current Meher season in Kilo Gram(KG)	
	Quantity of total DAP obtained for the current Meher season in Kilo Gram(KG)	
	Quantity of total NPS obtained for the current Meher season in Kilo Gram(KG)	
	Quantity of total BLENDED obtained for the current Meher season in Kilo Gram(KG)	
92	The amount of chemical fertilizers used for main season by type of fertilizers in kilo gram?	
	Quantity of total UREA obtained for the current Meher season in Kilo Gram(KG)	
	Quantity of total DAP obtained for the current Meher season in Kilo Gram(KG)	
	Quantity of total NPS obtained for the current Meher season in Kilo Gram(KG)	
	Quantity of total BLENDED obtained for the current Meher season in Kilo Gram(KG)	
93	<p>The amount of UREA chemical fertilizer prepared for use in 91 was not equal to the amount used in 92, What was the reason?</p> <p>I saved the rest for other mehr season 1</p> <p>I saved the rest for belg season 2</p>	

	I sold the rest	3	
	I gave the rest for someone else	4	
	Other (specify)	5	
93	The amount of DAP chemical fertilizer prepared for use in 91 was not equal to the amount used in 92, What was the reason?		
	The amount of NPS chemical fertilizer prepared for use in 91 was not equal to the amount used in 92, What was the reason?		
	The amount of BLENDED chemical fertilizer prepared for use in 91 was not equal to the amount used in 92, What was the reason?		
10	In general how much kilo gram of pesticides, fungicides and herbicides you used for main season?		
	Quantity of pesticide used during this meher season? (KG)		
	Quantity of fungicide used during this meher season? (KG)		
	Quantity of herbicide used during this meher season? (KG)		
11	Number of own oxen actually used for plugging during the current meher season?		
12	If you do not have enough oxen how do you plough?		
	By renting ox	1	
	By pairing mine with someone's ox	2	
	By pairing mine with other animals	3	
	Using other animals (horses or cows)	4	
	Hand digging	5	
	Using borrowed oxen	6	
	By using tractor/other machine	7	
	Other (specify)	8	
13	How many farm oxen do you have currently?		
14	What type of main farming tool do you use for ploughing?		
	Traditional plough	1	
	Modern single-plough	2	
	Modern dual plough	3	
	Tractor	4	
	Hand-held motorized plough	5	
	Hand drum	6	
	Other (specify)	7	
15	What kind of crop threshing tool do you usually use to thresh a crop?		
	Hand-threshing	1	
	By animals	2	
	By modern threshing tool	3	
	Other (specify)	4	
16	Have you ploughed additional fields over that of the previous year? 1 Yes 2 No		
17	If yes in question # 16, what was the previous status of the additional field?		
	own forest/ tef/swamp	1	
	Government forest/ tef/swamp	2	
	communal grazing/forest/tef land	3	
	grazing/forest/tef land under other holder	4	
	Other (specify)	5	
18	have you been involved in local watershed development program last year? 1 Yes 2		

	No	
19	How many days have you been involved?	
20	<p>Three main tasks you did during watershed development program?</p> <p>Terracing 1</p> <p>Planting trees 2</p> <p>Ketere work 3</p> <p>Constructing water reservoirs 4</p> <p>Constricting rood 5</p> <p>Drainage work 6</p> <p>Planting pit work 7</p> <p>Ternche 8</p> <p>Gabiyon 9</p> <p>Constructing bridge 10</p> <p>Stone terracing 11</p> <p>Other (specify) 12</p>	
21	Total cost Spent for the use of irrigation in this meher season? (no cost fill 0)	
22	Total cost Spent to prevent soil erosion during this meher season? (no cost fill 0)	
23	Total cost Spent for minor repairs to agricultural equipment's during this meher season?(no cost fill 0)	
24	Total cost Spent to product container during this meher season? (no cost fill 0)	
25	<p>Have you heard that a disease called corona virus (COVID-19) has occurred in Ethiopia?</p> <p>Yes 2 No</p>	
26	<p>If YES Q25, From whom did you hear about corona virus in Ethiopia?</p> <p>Radio 1</p> <p>Television 2</p> <p>From relative/neighbor/friend 3</p> <p>Newspaper 4</p> <p>From social media (face book, Telegram, Websites etc) 5</p> <p>From Keble meeting 6</p> <p>Keeping physical distance of 1m (3 feet) 7</p> <p>Wearing recommended fabrics or medical mask 8</p> <p>Washing hands with soap and running water regularly 9</p> <p>Frequently cleaning hands with alcohol-based sanitizer 10</p> <p>Traditional ways 11</p> <p>Other 12</p>	
27	<p>What do you know about ways to prevent corona virus pandemic disease?</p> <p>Keeping physical distance of 1m (3 feet) 1</p> <p>Wearing recommended fabrics or medical mask 2</p> <p>Washing hands with soap and running water regularly 3</p> <p>Frequently cleaning hands with alcohol-based sanitizer 4</p> <p>Traditional ways 5</p> <p>Other 6</p>	
28	<p>What do you do most of the time to prevent corona virus pandemic disease?</p> <p>Keeping physical distance of 1m (3 feet) 1</p> <p>Wearing recommended fabrics or medical mask 2</p>	

	Washing hands with soap and running water regularly	3	
	Frequently cleaning hands with alcohol-based sanitizer	4	
	Traditional ways	5	
	Other	6	
29	What was the main impact of corona virus pandemic disease on your farming activities?		
	Farmland preparation work has been delayed	1	
	The seed season has been delayed	2	
	Delay in supply of agricultural inputs	3	
	Lack of man power required for farming	4	
	Increasing the cost of agricultural inputs	5	
	It had no effect	6	
	Other	7	
30	Because of COVID-19 negative impact, by what percentage decreased current year area covered by crop compared to the last year?		
31	Because of COVID-19 negative impact, productivity of major crops of current year compared to the last year?		