

# Supplement to the Report on the 1990 World Census of Agriculture

International comparison  
and primary results by country  
(1986 - 1995)

## FOREWORD

In the past fifty years, the FAO Statistics Division prepared a decennial Programme for the World Census of Agriculture (WCA) in order to provide member countries with the fundamental concepts, definitions and standard classifications needed for undertaking their National Agricultural Censuses in a given decade in order to foster the improvement of data quality of baseline national agricultural statistics. The International Institute of Agriculture prepared the 1930 and 1940 Programmes for the World Census of Agriculture, and the FAO Statistics Division prepared the 1950, 1960, 1970, 1980, 1990 and 2000 Programmes for the World Census of Agriculture.

The adoption of the criteria of the Programmes also allowed the publication of summary agricultural census data by country after each census round and, for the 1960, 1970 and 1990 census rounds, the preparation of a database of internationally comparable figures such as number of farms by size, number of livestock by type and age/sex classification and land use by crops and agricultural inputs.

In this context, the FAO published in 1997 the "Report on the 1990 WCA, FAO Statistical Development Series No. 9" which presents census results collected from the reports issued by the countries that conducted censuses during the decade 1986-1995 and made them available to FAO by mid-1997.

The present "Supplement to the Report on the 1990 WCA" presents the census results collected from the reports issued by the countries that conducted censuses during the 1986-1995 decade and made them available to FAO after mid-1997. This publication also provides, in an internationally comparable form, a summary of data describing the main characteristics of the structure of agriculture, such as number and area of agricultural holdings, land tenure, agricultural holders and land use for 90 countries; and includes comparable data for those countries conducting a census of agriculture during the period 1930-1990.

The work of the FAO Statistics Division in preparing this publication has involved the collection, assessment, validation, standardization and processing of selected information and data from national agricultural census publications and reports, available in diverse form and languages, and using different concepts and classifications for their definitions and data.

The comprehensive tabulations presented here provide an overview of agricultural census data and methods and may serve as a useful background for the study of agricultural statistics.

The Director  
Statistics Division

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## REMARKS

### Geographic areas

The form of presentation in this report does not imply official endorsement or acceptance by FAO of the names, status or boundaries of the countries or territories listed or described. It was adopted solely for the purpose of providing a convenient geographical basis for presenting statistics in a form in which they could be readily used. The same qualification applies to all notes and explanations concerning geographic units for which data are presented.

### Rounding

In some tables data presented for components of a total have been rounded. In such cases the sum of component parts may not be exactly equal to the total.

### Symbols

Magnitude 0 or less than half the unit specified, category not applicable or data not available: -

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## INTRODUCTION

The preparation of the first Programme for the World Census of Agriculture (WCA) was initiated in 1924 by the International Institute of Agriculture (IIA) and implemented around 1930 in about 60 countries. IIA planned a second Programme for 1940 but its implementation did not materialize because of the Second World War. The Food and Agriculture Organization of the United Nations, created in 1945, took over the work on the preparation of the decennial Programmes for 1950, 1960, 1970, 1980, 1990 and recently issued the Programme for the World Census of Agriculture 2000, now being implemented.

In many countries the Census of Agriculture is not only the main source of agricultural statistics, covering a very wide range of different data, but it is also a base for the organization of current statistics including other agricultural surveys and related statistical activities. The census methodology is normally based on interviews of all, or a representative sample, of agricultural holders throughout the country. It should be kept in mind that the agricultural census is limited to collecting data from the agricultural holdings. As a consequence in many countries it does not cover some important land use categories, such as communal pastures and forests, which are not part of agricultural holdings.

In spite of the widely recognized importance of the agricultural census for agricultural planning, many countries do not organize a census for various reasons. The full scale agricultural census is an expensive venture so that many developing countries are not in a position to finance such an operation. Developed countries often have alternative sources for agricultural data and are concerned about "respondents fatigue" so they have an increasing tendency not to organize a full scale agricultural census but to collect only structural data which are considered to be the core of the agricultural census. These data may be collected either through a smaller scale structural survey, or by adding a few structural questions to regular annual surveys of agriculture (as done in the Netherlands), or by processing existing administrative registers (as in India, for example).

Report on the 1990 WCA, FAO Statistical Development Series No. 9 presents census results collected from the reports issued by the countries conducted censuses during the decade 1986-1995. Census data at the national level are available in diverse forms and languages and specific effort was made by the FAO Statistics Division to collect, validate, standardize, process and publish these data. Since an agricultural census is a complex operation, it often takes years to publish census reports, even in developed countries. Some countries were still in the process of tabulating their census results when the Report was being prepared. Therefore, the Report presents the results of censuses of only 80 countries and territories, from likely more than 100 countries participated in the 1990 WCA round, which have completed publication report and made available to FAO by mid-1997.



In order to present census results by countries participated in the 1990 WCA round that are not covered in the Report, the FAO Statistics Division publishes Supplement to the Report. The Supplement is presenting census results from sixteenth countries of which ten countries ( i.e. Egypt, Malawi, Namibia, Indonesia, Israel, Vietnam, Germany, Greece and French Polynesia) are new entries while the other six countries (Guinea, Cyprus, India, Iran, Japan and Thailand) are already covered in the main Report. The census results of Cyprus, India, Iran and Japan reported here are those from more recent censuses conducted in the countries still in the duration of the 1990 WCA round. This is due to the WCA round is considered on a decennial basis while some countries conduct national agricultural censuses in circles less than ten years. For Thailand, the census results reported here are to update data presented in the main Report which refer to the last survey since the census results were not available while the main Report was prepared. In the case of Guinea, data presented here are those from the survey conducted in the country which, according to the FAO definition, is considered as census. Therefore, eventhough 16 countries are presented in the Supplement in addition of 80 countries which are covered in the main Report, but total number of countries participated in the 1990 WCA which are included in the FAO Reports is 90 countries all together.

As in the main Report, the Supplement presents data in two parts: International Comparison of Results and Primary Results for each country. Due to constraints in the resources available for data identification and processing, priority in extracting data was given to structural items which are not expected to change rapidly over time. These are data on number and area of agricultural holdings, land tenure, fragmentation of holdings, legal status of holders, number of holdings reporting main crops and livestock species, etc. No evaluation of data quality was made because the national reports do not normally provide information on quality checks.

Part I - International Comparison of Results. This part summarizes information on census coverage on the world level and on the country level as well as the methodology applied. The most important portion of this part refers to subject matter tables providing available data for all countries subject by subject. The subjects covered refer to number and area of holdings, fragmentation, land tenure, legal status, employment, land use, and the most important crops and livestock species. The tables present Comparison of Results of 90 countries, including those countries covered in the main Report. However, although more countries were included in the Supplement, it does not change much the main picture of the 1990 WCA round as already given in the main Report. It should be noted that not all countries are reporting all data recommended in the FAO Programme and also for each variable, and each region (and for the world total), the existing country data may not be considered representative of the corresponding continent and world total. So, different from the main Report, the Supplement does not provide continental and overall totals in order to avoid misleading of totals of existing countries in the corresponding continent (and the world) as actual totals.

Part II - Primary Results by Countries. In this part, two pages were assigned to each country irrespective of the amount of data available and size of the country. These two pages are placed face-to-face with respective titles "Explanatory Notes" and "Primary Results". The "Explanatory Notes" provide general information about history, organization, timing, coverage, frame and enumeration method applied. They also provide the titles of reports used and the addresses of the national offices responsible for the publication of census results, in order to help the user seeking more detailed information. The "Primary Results" provide selected data on number and area of holdings (classified by size of holding, if available), holder, farm population, employment, land tenure, land use, irrigation, crops, etc. There are sixteenth countries to be included herein.

The census results by country can also be found on the FAO Internet site which could be accessed at the following address:

**<http://www.fao.org/es/ess/census/wcahome.htm>**

The data provided on the site is continuously updated from the reports received from countries.

Users seeking more detailed information can contact directly the FAO Statistics Library, where a copy of each national agricultural census report is on file (see: Explanatory Notes: data source). Specific questions regarding census results of particular countries can be addressed directly to the national statistical offices responsible for conducting the census and publication of the report (see: Explanatory Notes: mailing address).

Users interested primarily in current agricultural production estimates are advised to consult the FAO Internet site named WAICENT, FAO Production Yearbook and similar sources.

Other FAO Publications of Census Results

Report on the 1990 World Census of Agriculture – International Comparison and Primary Results by Country (1986 – 1995). Rome, 1997.

Report on the 1980 World Census of Agriculture - Results by Countries - Census Bulletins 1-28. Rome, 1983-89.

1970 World Census of Agriculture - Analysis and International Comparison of Census Results. Rome, 1981.

Report on the 1970 World Census of Agriculture - Results by Countries - Census Bulletins 1-30. Rome, 1973-81.

Reports on the 1960 World Census of Agriculture - Vol. V. Analysis and International Comparison of Census Results. Rome, 1971.

Reports on the 1960 World Census of Agriculture - Vol. 1a, 1b, 1c. Census Results by Countries . Rome, 1967-70.

Reports on the 1950 World Census of Agriculture - Special Reports: World Agricultural Structure. Rome, 1961.

Reports on the 1950 World Census of Agriculture - Vol. I. Census Results by Countries. Rome, 1955.

International Institute of Agriculture (IIA) - The First World Agricultural Census (1930) - Vol. 2-3-4-5. Rome, 1939.

# **Part I**

## **International Comparison**

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## **CHAPTER 1 - COVERAGE OF AGRICULTURAL CENSUSES**

### **1.1 Coverage at world level**

**1.1.1** The world census of agriculture should be conducted in each country within a standardized framework such as the one suggested by the FAO Programme for the world census of Agriculture. In practice, however, the countries undertake various agricultural surveys under different titles, and FAO considers them as censuses of agriculture if they are in line with the following definition:

***An agricultural census is a large-scale, periodic, statistical operation for the collection of quantitative information on the structure of Agriculture.***

***The word “census” implies a complete enumeration of all agricultural holdings. However, by extension, it can be conducted by a sample enumeration, provided the sample is large enough to generate sub-national data.***

**1.1.2** Included in this volume are only those agricultural censuses conducted by countries in the period 1986 to 1995 for which the report was published and made available to FAO. An indication of participation of individual countries in the WCA rounds from 1930 onwards is provided in Table 1- Number and area of holdings: countries participating in 1930 - 1990 rounds of agricultural censuses. Although it should be kept in mind that the criteria for deciding whether a particular survey was to be considered a census of agriculture or not, and that the list of countries was changing over time, a rough picture of country participation in various rounds of the WCA can be seen in this table. The major changes in the list of countries occurred after the Second World War, between 1940 and 1950, and at the time of the process of the independence of African countries in the 1960's. The recent changes in Europe generally are not taken into account for the purpose of this volume, as they occurred after 1990. A summary of information on participation of individual countries in various rounds of the WCA is shown in Table 1 below.

Table 1 - Number of countries included in FAO reports by WCA round and by continent

Continents	1930	1950	1960	1970	1980	1990
Total	29	54	78	91	88	90
Africa	1	3	17	23	17	20
North and Central America	7	15	16	16	14	16
South America	4	7	9	7	7	7
Asia	1	7	14	17	20	14
Europe	12	18	18	23	23	20
Oceania	4	4	4	5	7	13

**1.1.3** Concerning the world coverage of the 1990 WCA, the list of all 90 countries included in Part 1 of this report, along with some basic data, is given in Table 2. As can be seen from this table the size of these 90 countries varies considerably in terms of the total country area (from 20 000 hectares in American Samoa to 997 million hectares in Canada) as well as in total population (from 49 000 inhabitants in St. Kitts and Nevis to 850 million inhabitants in India). The summary by continent of data given in Table 1.2 is provided below in Table 2 to show the coverage of the 1990 WCA from different points of view. It can be seen from Table 2 that the 90 countries represent 41 percent of the number of countries and territories, 56 percent of the world population and 46 percent of the world area. Much higher coverage of the 1990 WCA, in terms of the country area and population was achieved in North and Central America, South America and Oceania than in other continents.

Table 2 - Coverage of the 1990 WCA by continent

Continents	All countries			Countries participating in WCA included in FAO Reports					
	Number	Population ('000 000)	Area ('000 000 ha)	Number		Population		Area	
				Number	Percent	('000 000)	Percent	('000 000 ha)	Percent
Total	222	5 286	13 407	90	40.5	2967	56.1	6138	45.8
Africa	56	636	3 014	20	35.7	237	37.3	1053	34.9
North and Central America	36	424	2 284	16	44.4	375	88.4	2 196	96.1
South America	14	293	1 782	7	50.0	242	82.6	1437	80.6
Asia	51	3 185	3 176	14	27.5	1686	52.9	1088	34.3
Europe	39	722	2 297	20	51.3	427	59.1	364	15.8
Oceania	26	26	854	13	50.0	22	84.6	804	94.1

**1.1.4** In an attempt to provide more light on the availability of census data, the 222 countries and territories which existed in 1990 and reported data on country area and total population (see FAO Production Yearbook 1994), were classified in three groups for the purpose of this report: (i) 90 countries participating in the 1990 WCA (see Table 1.2); (ii) 64 countries not participating in the 1990 WCA for which some data on the number and the area of agricultural holdings are available from other sources (see Table 3); and (iii) 68 countries not participating in the 1990 WCA for which no data on the number and area of holdings were available (see Table 1.4).

## **1.2 Coverage at country level**

**1.2.1** The agricultural census is expected to cover all agricultural activities in a country. There are, however, many exceptions, which may affect the comparability of data, but in most cases the agricultural activities not covered by the census are negligible. The exceptions are summarized below, while more details for individual countries can be found in "Explanatory Notes" (see Part 2) and, of course, in national reports.

**1.2.2** The summary of the available information on coverage is given in Table 1.5 - Coverage of agricultural censuses and application of sampling methods for countries taking a census in the period 1986-95. In all countries the urban areas are normally excluded from the census although some activities, such as poultry raising, may exist even in the urban areas. In a number of countries only the traditional sector was covered (Benin, Burkina Faso, Guinea Bissau, Tanzania and the Democratic Republic of Congo), while the modern sector or government farms were not covered. In some countries (such as Burkina Faso and Ethiopia) nomadic livestock was not included in the census. In many countries a part of the national territory (see: Djibouti, Ethiopia, Canada, Myanmar) was not covered by the census, usually because such a part did not contribute much to the agricultural production of the country, or sometimes because the central government did not exercise full control over this part of the country.

**1.2.3** Furthermore, there are two other important cases when coverage of all agricultural activities may not be complete. Firstly, many countries for practical reasons define a minimum size of holding in order to avoid enumeration of a large number of small holdings which may contribute very little to the total national agricultural production. More details on this matter may be found in Section 3.1. Secondly, in many countries, particularly in Africa, some categories of land use, such as pastures, are communal and not part of the agricultural holding and are not covered by the agricultural census. Additional details on this subject can be found in Sections 3.1 and 3.5. Because of such factors the land in agricultural holdings as percent of the total country area varies considerably from country to country: from 0.5 percent in French Guiana and 1.0 percent in the Democratic Republic of Congo to 100 percent in Czechoslovakia (former) and Poland (see Table 1.2), as statistical services in these two countries made an effort to provide a full account of the land use for the whole national territory.

**1.2.4** Finally, it may be mentioned that the enumeration of the agricultural holdings is normally based on a list of holdings, called the census frame. If this list is not well constructed or maintained, as a consequence there may be omissions or duplications in the census enumeration of holdings, whether it is a complete or a sample enumeration. There is very little information on coverage errors due to such imperfect census frames in national reports.

### **1.3 Comparability of census results**

**1.3.1** Many factors that affect the comparability of census results have been described elsewhere in this report. These are the exclusion by some countries of a part of national territory, nomadic livestock, special sectors of agriculture (such as the modern sector in African countries), which are described in Section 1.2 - Coverage at Country Level. Many of these factors are not significant for most countries included in this report. Two other factors, mentioned in Section 1.2, and which may be important for many countries, are related to the definition of holdings and refer precisely to: a) elimination in some countries of holdings below a predefined **minimum size**; and b) exclusion of some categories of **land use**. The problem with the exclusion of holdings below a minimum size in some countries is due to the fact that in many countries there are many small holdings which contribute very little to the national agricultural production, and much less to the marketed production, but are important from a social viewpoint. The problem with the exclusion of some land use categories in some countries is described in Sections 1.3 and 1.5, which makes the comparison of average size of holdings between countries quite difficult.

**1.3.2** Related to the land use comparability problems mentioned above, there are probably even more important problems which refer to the **intensity of land use**. In fact, in many countries there is only one agricultural season per year (Europe or North America), while other countries have three or four seasons per year (Southern Asia, South America). The Programme for the 1990 WCA recommended the classification of the arable land by cultivation intensity, but no information on this subject was received.

**1.3.3** The comparability of individual country data between consecutive censuses is, normally, easier as the countries tend to use the same concepts and definitions over time. Nevertheless, when studying the time series on number and area of holdings (see Table 1.1), one can detect unexpected irregularities which are sometimes difficult to explain. Thus, the major changes in total area of holdings in Norway (from 1980 onwards) and the Republic of Korea (from 1970 onwards) are due to the fact that only agricultural area is now being reported while, before, the total area reported included forest and all other land. There is no easy explanation for changes in the time series of some other countries, such as Dominican Republic and Mexico.

**1.3.4** Data user should be warned when undertaking comparison among countries, or even among consecutive censuses in the same country. Sometimes differences between figures may be explained by difference in definitions and/or methodologies applied, then by the differences in agriculture in these countries or by changes over time in the same country.



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## **CHAPTER 2 - METHODOLOGY APPLIED**

### **2.1 Methods of enumeration**

**2.1.1** Most countries collected the agricultural census data through an **interview** of agricultural holders by enumerators who visit the agricultural holders. The advantage of this method is that the enumerators are in a position to explain to respondents which information is required and, being on or near the holding, they can check that accurate information is obtained.

**2.1.2** In extreme cases, when the respondents are not able to provide accurate information on crop areas, some **objective land measurements** are undertaken. This is a frequent practice in African countries where land cadaster does not exist and farmers do not have clear concepts of standard measures of crop areas. The objective measurement of the areas is a costly and time consuming operation.

**2.1.3** The **enumeration by mail** was rarely used, only in United States, New Zealand and some West European countries, such as United Kingdom. The problem is that the agricultural census questionnaire is relatively complex so that direct interview by trained enumerators was almost indispensable. For similar reasons modern methods, such as interview by **telephone** or by use of **hand-held computers**, were not reported by any country. The use of telephone was reported, however, by a number of countries for follow-up of mail enumeration, either as a reminder to non respondents or for checking questionable responses.

**2.1.4** The FAO recommends a co-ordination between the agricultural and population censuses, particularly at the stage of preparing the list of agricultural holdings to be enumerated. Although there is little evidence of this co-operation found in national reports on agricultural censuses, a number of countries, such as American Samoa, Canada, Turkey and Zambia did report the use of the population census activities for the purpose of making contacts for the agricultural censuses.

**2.1.5** Concerning other aspects of the methodology applied in agricultural censuses, it may be mentioned that many countries reported on activities of pretesting the methodology applied. Only a few countries reported on any evaluation of the quality of data collected (quality check survey results, sampling error, etc.), and it would appear that very few countries undertook a post-enumeration survey for assessing the quality of the results.

### **2.2 Use of sampling**

**2.2.1** Although the term "census" implies complete enumeration of all agricultural holdings in a country, it was accepted in the Programme for the 1990 WCA, as in previous Programmes since 1960, that an agricultural census may be conducted through complete enumeration, or by sampling or a combination of both. The main reason for using sample enumeration is to make census taking possible in countries

with limited resources and particularly in those countries where enumeration is very expensive as it is necessary to measure areas and production under crops because the holders are not able to provide required information through an interview.

**2.2.2** The available information on the application of sampling is provided in Table 1.5- Coverage of agricultural censuses and application of sampling for countries conducting a census in the period 1986-95. Out of 90 countries for which some information was found, 22 countries used sampling instead of complete enumeration while an additional 13 countries used the sampling as a supplement to the complete enumeration in various ways.

**2.2.3** Eleven out of the 22 countries using sampling instead of complete enumeration are in Africa. In African countries where it is considered necessary to apply objective measurement of areas, sampling is the only way to collect data with available resources. The sample design applied in these countries is, generally, a two stage sample design with villages or similar units used as the primary sampling units, and a fixed number of agricultural holdings, usually 4 to 6, as secondary sampling units enumerated in selected villages. In these countries, even if the size of sample is relatively small, (for example, 1 600 agricultural holdings in Benin and 8 100 in Tanzania), it makes possible good estimates with an acceptable sampling error at country level but the estimates at the sub-national level are, generally, subject to large sampling errors.

**2.2.4** Five of the 22 countries using sampling are in Asia, in countries with many small holdings. The sample design and the size of the sample applied in these countries were different for each country. In Nepal for example, the size of the sample was 122 000 which was relatively large for making possible good estimates with acceptable sampling errors even at the sub-national level.

**2.2.5** In another three countries, Albania, Colombia and Fiji, area sampling frame methods were used to conduct the census. These methods consider land area segments as the second-stage sampling units. All farmers with farms partially or totally included in the sample segments were interviewed. This is the first time that this method was successfully used for the agricultural censuses demonstrating its applicability for this purpose.

**2.2.6** In the 13 countries for which the combination of the complete enumeration and sampling was reported, sampling was used in different ways. In Swaziland and Zambia a very short questionnaire was completed for all agricultural holdings at the time of preparation of the list of holdings, while the bulk of the most important census data was collected on a sample basis. In Cape Verde and Sao Tome and Principe the modern sector was completely enumerated, while the traditional sector was sampled. In Indonesia, only agricultural establishments were completely enumerated, while about 1.2 million holding farm households were selected through two-stage systematic random sampling.

**2.2.7** It was noted that countries using a sampling method very rarely report on the magnitude of the sampling errors, either because they were not calculated, or because they were very large.

## CHAPTER 3 - MAIN SUBJECTS

### 3.1 Number and area of holdings and fragmentation

**3.1.1** Data on number and area of holdings and fragmentations are presented for 90 countries in Table 3.1. More precisely, data on number of holdings are available for 90 countries, while data on area of holdings are available for 84 countries.

**3.1.2** The definition of holding affects directly the number of holdings in a given country, since there are often many small holdings which may or may not be included in the census. Most of the countries followed the definition proposed by FAO (see **Frame 3.1.1**). Ideally, the census should cover (either by complete enumeration or through a probability sample) all agricultural holdings in a country whether large or small and whether in rural or urban areas. In practice, however, it is convenient to put a minimum limit on size of an agricultural operation to avoid enumeration of a large number of small holdings which do not contribute significantly to the national agricultural production, but contribute significantly to the total cost of census operations. The FAO Programme did not propose any minimum limit for the size of agricultural operations. Many countries, however, have adopted their own definitions of the minimum size of holding.

An agricultural holding is an economic unit of agricultural production under single management comprising all livestock kept and all land used wholly or partly for agricultural production purposes, without regard to title, legal form, or size. Single management may be exercised by an individual or a household, jointly by two or more individuals or households, by a clan or tribe, or by a juridical person such as a corporation, cooperative or a government agency. The holding's land may consist of one or more parcels, located in one or more separate areas or in one or more territorial or administrative divisions, providing the parcels share the same production means utilized by the holding, such as labour, farm buildings, machinery or draught animals.

**Frame 3.1.1** FAO definition of agricultural holding

**3.1.3** The definition of holding as adopted by various countries is given in Explanatory Notes for individual countries (provided in Part II of the main Report and this publication: Primary Results by Countries). On summarizing this information it can be stated that about one third of countries did not define any minimum size of holdings. This group of countries includes most African countries and some other large countries such as India. Remaining countries defined a minimum size of total or agricultural land ranging from 25 sq. meters in Tanzania to 5 hectares in Denmark, and 6 hectares in England, Wales and Northern Ireland, as a condition for inclusion of a holding in the census. Many of these countries made additional provision to include holdings raising livestock, cultivating specialized crops or having annual sales of agricultural products above a certain value, even if they do not have a defined minimum area. (For example: holdings below a minimum area or threshold were included in the census if they had annual sales of at least US \$1 000 in the United States, 3 000 ECU in Denmark and 150 000 Yen in Japan). Most of the countries

specified a combination of minimum size of area of holding and/or livestock, sometimes in a very complex manner.

**3.1.4** Other factors affecting the total number of holdings refer to the definition of agriculture and the coverage of the agricultural census as in some countries fisheries and forestry are also covered. In some countries with large holdings, the parts of holdings in different administrative units were counted as separate holdings, increasing the number of holdings and decreasing their size.

**3.1.5** Although most of the countries followed the FAO definition of the area of holdings (see **Frame 3.1.2**), there are other important factors making the comparability of data on size of holdings between countries difficult. Data shown in the Section 3.5 Land Use, may be helpful to shed more light on this subject. Basically, there are two major factors making it difficult to compare data on area of holdings between different countries: (a) agricultural practice factor, which is related to climatic conditions and refers to the fact that in some countries there may be two or more cropping seasons while in other countries there is only one season; and (b) land tenure factor, which refers to the fact that in many countries some categories of land use, such as pastures, are not a part of the agricultural holdings but belong to the community.

Total area of agricultural holding is the combined area of all the holding's parcels. Land owned by the holder but rented to others should not be included in total holding area. The holding area includes farmyard and land occupied by farm buildings. Land area of the holder's house is also included in total holding area if the house is not located off the holding (for example, in a residential area of a nearby village or town), and is not used solely for residential purposes. The total area of a holding practising shifting cultivation should include area under crops during the reference period and area prepared for cultivation but not sown or planted at the time of enumeration; it should exclude land abandoned prior to the reference period. Holders having access to communal grazing land should not include their estimated share of such land in their total holding area. Total holding area should be equal to total land area under various land use classes.

**Frame 3.1.2** FAO definition of total area of agricultural holding

**3.1.6** The average size of holdings varies very much from country to country from less than 1 hectare in Vietnam, Ethiopia, Democratic Republic of Congo, Grenada, Nepal and Palau to more than 100 hectares in Canada, USA, Argentina, Uruguay, New Zealand and Australia which has the largest holdings of the countries providing census information with the average of 3 600 hectares per holding. There are several reasons for the large differences in average size of holdings, which can be explained by different definition of holdings in different countries, major differences in climate and related differences in types of agricultural practices, and different possibilities of access to the land (i.e. different conditions for land tenure).

**3.1.7** Data on number of parcels in holdings is given in Table 3.1 for 26 countries (see **Frame 3.1.3** for FAO definition of parcel). The division of holdings into parcels has many origins. Population increase and the application of inheritance laws in many countries resulted in the original pieces of land being either divided and further subdivided. In other countries with population moving from rural areas there is a decrease in the number of holdings and an increase in the average size of remaining holdings because the agricultural holders who remain purchase or rent abandoned holdings, which may result in an increase in the number of parcels.

A holding parcel is any piece of land entirely surrounded by other land, water, road, forest, etc. not forming part of this holding. A parcel may consist of one or more fields adjacent to each other. A field is a piece of land in a parcel separated from the rest of the parcel by easily recognizable demarcation lines, such as paths, cadastral boundaries and/or hedges. A field may consist of one or more plots. A plot is a part or whole of a field on which a specific crop or crop mixture is cultivated.

**Frame 3.1.3** FAO definition of parcel

**3.1.8** The excessive fragmentation of land is an important factor because it is an obstacle for use of mechanization for agricultural work and limits rational implementation of advanced technology. The average number of parcels per holding varies among 26 countries providing information on fragmentation.

## **3.2** Land tenure

**3.2.1** Data on land tenure are shown for 23 countries in Table 3.2 - Number and area of holdings by tenure, and for 35 countries in Table 3.3 - Area of holdings by tenure of land operated. In effect, there is a problem in the presentation of data on land tenure because there are holdings with mixed forms of tenure, the most typical being the holdings partly-owned and partly-rented. In practice, each parcel in a holding may be operated under different forms of tenure. Countries are using two different ways of presentation: (i) number and area of holdings by tenure, where all holdings are classified as operated under one single form of tenure or under more than one form of tenure. Only those holdings operated under one form of tenure are further classified by various tenure forms (see Table 3.2); and (ii) area of holdings by tenure of land operated, where all land is classified by individual tenure forms, without mentioning the number of related holdings (see Table 3.3).

Land owned or held in ownerlike possession  
Land rented from others  
Land operated on squatter basis  
Land under tribal or traditional communal forms of tenure  
Land under other forms of tenure

**Frame 3.2.1** FAO classification of land tenure

**3.2.2** Tenure refers to the relationship between the agricultural holder and land he operates concerning his possibilities to use and control this land. An important factor here is that there may be very different situations concerning incentives for investment and stability of agricultural planning between holders owning or holders renting or squatter on the land they operate. In case of rented land the holder may be more

reluctant to undertake major investments, such as irrigation systems, machinery, farm building and planting of permanent crops than the holder who operates owned land.

**3.2.3** Data on number and area of holdings by tenure shown for 23 countries in Table 3.2 represent 63.5 percent of all holdings and 42 percent of the holding area in the 90 countries included in this report. An additional 36 percent of the holding area, classified by tenure of land operated are shown for 35 additional countries in Table 3.3.

### **3.3 Legal status of the holder**

**3.3.1** The FAO classification of legal status of holder (see **Frame 3.3.1** FAO classification of legal status of holder, and **Frame 3.3.2** FAO definition of holder) was followed by most of the 31 countries which provided data, but very few countries gave all the details. Specifically, in many cases there was no uniform distinction between holdings operated by: (i) an individual, (ii) a household; or (iii) two or more individuals of different households or two or more households. It was preferred, therefore, for the purpose of this report to show these three groups together under the title civil person. Similarly, in many countries where corporations, cooperatives or government farms were not important, they were not shown separately, but reported under the title "other". In this report, legal status of holder is presented under two groups, that is civil persons and other.

#### Legal status of holder

- (a) Private
- An individual
  - A household
  - Two or more individuals of different households or two or more households
  - Corporation
  - Cooperative
  - Other
- (b) Government

#### **Frame 3.3.1** FAO classification of legal status of holder

**3.3.2** It should be noted that data on the legal status of the holder in African countries is only available for Egypt. This is because in many African countries this classification was not available, either because only the traditional sector was covered, or non-traditional sector was small and not of much interest.

**3.3.3** Data on legal status of the holder available for 31 countries are shown in Table 3.4 (1 country in Africa, 10 countries in North and Central America, 3 in South America, 6 in Asia, 8 in Europe and 3 in Oceania).

The holder is a civil or juridical person who exercises management control over the agricultural holding operation and takes major decisions regarding resource use. The holder has technical and economic responsibility for the holding and may undertake all responsibilities directly, or delegate responsibilities related to day-to-day work management to a hired manager.

#### **Frame 3.3.2** FAO definition of holder

### 3.4 Members of holder's household and employment

**3.4.1** Data on members of holder's household, including holder (see **Frame 3.4.1** UN definition of household adopted by FAO), shown in Table 3.5, were available for 55 countries (16 in Africa, 10 in North and Central America, 5 in South America, 8 in Asia, 10 in Europe and 6 in Oceania). The holder's average size of household varied from below 3 in Dominica, Grenada, Sao Tome and Principe, Finland, Italy and Niue, to above 10 in Pakistan and Western Samoa.

The concept of household is based on the arrangements made by persons, individually or in groups, for providing themselves with food or other essentials for living. A household may be either (a) a one-person household, that is, a person who makes provision for his or her own food or other essentials for living without combining with any other person to form part of a multiperson household, or (b) a multiperson household, that is, a group of two or more persons living together who make common provision for food or other essentials for living. The persons in the group may pool their incomes and have a common budget to a greater or lesser extent; they may be related or unrelated persons or a combination of both.

**Frame 3.4.1** UN definition of household

**3.4.2** Many countries participating in the 1990 World Census of Agriculture have classified data on members of holder's household by sex and age. While data classified by age are difficult to summarize, because different age classes were used by different countries, data classified by sex for 39 countries were easy to summarize and are shown in Table 3.5.

**3.4.3** When comparing the agricultural and demographic statistics the following problem often arises. The number of members of the holder's household as obtained in agricultural censuses is expected to be similar in size to the agricultural population of a country as obtained from demographic statistics (see **Frame 3.4.2** Definition of agricultural population). In reality, there are some important differences. The number of members of the holder's household may include people who happen to belong to the household, although they may not be dependent on agriculture (artisans, etc.); this case is particularly frequent in small holdings if such are covered by the census. At the same time this number may exclude agricultural workers from landless families who depend on agriculture. The agricultural population may, therefore, be either smaller or larger than the number of members of the holder's household. In fact, when comparing data on agricultural population from Table 2.2 and data on number of members of the holder's household from Table 3.5, it can be seen that although the two figures are often similar, in some cases the agricultural population is more than double (Bahamas, Argentina) and in other less than half (Libya, Barbados, Italy) of the number of members of the holder's household. It should be kept in mind also that the two figures may be difficult to compare as they may have different time reference and coverage, and may be based on a different methodology.

Agricultural population is defined as all persons depending for their livelihood on agriculture. This comprises all persons actively engaged in agriculture and their non-working dependents.

**Frame 3.4.2** Definition of agricultural population

(source: FAO Production Yearbook, 1995)

**3.4.4** The comparability of data between countries is also affected by differences in concepts and time reference. In some countries holders and members of their households were not counted if absent at the time of enumeration. In other countries, holders and members of their households were not counted if not living on the holding but in a neighbouring village or town. It should be noted that many countries did not collect data on members of the holder's household, preferring to rely on similar data from demographic censuses or surveys.

**3.4.5** Data on hired permanent workers (see **Frame 3.4.3** FAO definition of permanent agricultural workers) available for 22 countries are given in Table 3.5. In countries for which data are shown, the average number of hired permanent workers per holding varies from less than 5 workers per 100 holdings in Guinea, Egypt, Greece and Italy to more than 30 workers per 100 holdings in: Puerto Rico (66), Barbados (45), Saint Lucia (43) Martinique (34) and Germany (31).

Permanent agricultural worker is a person whose services are utilized regularly and continuously during the agricultural year for the agricultural work on the holding. The total number of days worked during the agricultural year (normally six months or more) distinguishes a permanent from an occasional worker in some countries. However, a permanent worker may actually work less than six months during the agricultural year, especially in crop production in countries with one crop season.

**Frame 3.4.3** FAO definition of permanent agricultural worker

**3.4.6** The 1990 FAO Programme suggested collecting data on employment separately for members of the holder's household and for hired agricultural workers, both classified as permanent or occasional agricultural workers. The differences in coverage of members of the holder's households in different countries as described above, and differences in classification of agricultural workers into permanent and occasional as applied by various countries, make the comparison of data for different countries very difficult. For this reason only data on hired permanent workers are shown in this report.

## **3.5** Land use

**3.5.1** Data on land use summarized for 80 countries are presented in Table 3.6. Many countries did not provide all the details suggested by FAO (see **Frame 3.5.1**). The subclassification of arable land was not available for most countries. Data available are shown in a somewhat reduced form in respect to the proposed FAO classification.

All land  
 Productive land  
 Agricultural land  
 Cropland  
 Arable land  
 Land under temporary crops  
 Land under temporary meadows  
 Land temporary fallow  
 All other arable land  
 Land under permanent crops  
 Land under permanent meadows and pastures  
 Wood or forest land  
 Unproductive land (All other land)

**Frame 3.5.1** FAO classification of land use groups

As already mentioned in Section 3.1, some categories of land use are partly or completely excluded from the agricultural holding. In fact, in many countries there are communal pastures or wood or forest



land belonging to the government. The agricultural census is a good source of data on cropland categories, but cannot provide data on land under permanent meadows and pastures, and wood or forest land in many countries.

**3.5.2** The coverage of land use categories for 80 countries included in Table 3.6 varies considerably from country to country. Concerning various land use categories, data on agricultural land were available for all 80 countries. Data on total cropland were available for 78 countries but the subdivision into arable land and land under permanent crops was available for only 48 countries. Whilst, data on land under permanent meadows and pastures were available for 50 countries. Data on wood or forest land for United Kingdom was included under all other land, and similar inclusion might have occurred in some other countries. Data on other classification of land, that is wood or forest land and all other land, were available for 46 and 63 countries respectively.

## **3.6 Crops**

**3.6.1** Data on area under crops are shown for three important cereals: Wheat (Table 3.7), Rice (Table 3.8) and Maize (Table 3.9). An important feature of agricultural censuses is the provision of structural data on the number of holdings cultivating specific crops. Such data are not normally available from annual surveys, which are often a better source for crop production data. Data shown in Tables 3.7 to 3.9 include, therefore, the number of holdings reporting crop and crop area, along with the total number of holdings in a country to permit an easy calculation of the percentage of holdings reporting the crop and the average area per holding.

**3.6.2** Available data on area under wheat are shown in Table 3.7 for 42 countries. Among 29 countries providing data on number of holdings reporting wheat, more than 50 percent of holdings reported wheat in Egypt (59 percent), Nepal (60 percent), Pakistan (82 percent) and Turkey (69 percent), while less than 5 percent of holdings reported wheat in Namibia, Zambia, Mexico, Paraguay, Cyprus, Japan, Myanmar and New Zealand. The largest average size of area under wheat per holding reporting wheat is 291 hectares in Australia.

**3.6.3** Data on number of holdings reporting rice and the area under rice are shown in Table 3.8. Among 23 countries providing data on number of holdings reporting rice there are eight countries with more than 50 percent of holdings reporting rice: Rep. of Korea (85 percent), Thailand (74 percent), Guinea (72 percent), Nepal (70 percent), Japan (67 percent), Myanmar (64 percent), Indonesia (56 percent) and Philippines (51 percent).

**3.6.4** Data on number of holdings reporting maize and the area under this crop are given in Table 3.9. In 10 out of 29 countries providing information on number of holdings reporting maize more than 50 percent of all holdings reported this crop: Swaziland (85 percent), Honduras (82 percent), Albania (77 percent), Vanuatu (74 percent), Zambia (73 percent), Paraguay (69 percent), Nepal (63 percent), Mexico (62 percent), Tanzania (57 percent) and Egypt (56 percent).

**3.6.5** Regarding the comparability of crop data between countries and their accuracy the following remarks could be made: although the FAO Programme recommended the collection of data on area harvested, many countries, particularly in Africa, reported the area under crop at the enumeration day. In the case of countries with more than one crop season, the aggregate of the area harvested during the agricultural year was to be reported. In the case of mixed crops (when two or more kinds of crops are grown simultaneously in the same field) most of the countries report total area under crop whether in pure stand or mixed predominant or mixed secondary. Some countries report only area where a crop is in a pure stand or predominant, or estimate the proportion of area occupied by a crop in mixed stand.

### **3.7 Livestock**

**3.7.1** Selected data on livestock and poultry are shown in several tables: Table 3.10 on Cattle (88 countries), Table 3.11 on Buffaloes ( 13 countries), Table 3.12 on Sheep (77 countries), Table 3.13 on Goats (76 countries), Table 3.14 on Pigs (79 countries), Table 3.15 on Horses (71 countries) and Table 3.16 on Chickens ( 74 countries). Data shown refer to total number of holdings reporting a specific kind of livestock and the number of head of each specie of livestock. It should be noted that, as in crops, a specific feature of agricultural census data in comparison with annual livestock surveys is that the census provides structural information on the number of holdings reporting a specific kind of livestock. For this reason the information on the number of holdings reporting is shown in respective tables along with total number of holdings in a country, to permit the calculation of percent of holdings reporting a specific kind of livestock and the average number of head per holding reporting. More detailed information on number of holdings classified by number of head is often available in national census reports, but is not included in this short summary of census data.

**3.7.2** The available data on cattle (See Table 3.10) show that the number of holdings reporting cattle varies from less than three percents in Bahamas, Cyprus and American Samoa to more than 70 percent in Paraguay, Nepal, Pakistan, Albania and Poland. The average number of cattle per holding reporting varies from less than 3 in Cape Verde, Egypt, Grenada, St. Vincent and the Grenadines, Philippines and Albania to more than 100 in Argentina, Cyprus, Israel, Australia, New Zealand and Northern Mariana Islands.

**3.7.3** Data on buffaloes were available for only 13 countries and are shown in Table 3.11. The highest number of head of buffaloes is 84.2 million in India, but number of holdings reporting is not available in this country. In Pakistan 84 percent of holdings reported buffaloes with an average of 3.4 head per holding, while in Italy only 0.1 percent of holdings reported buffaloes with an average of 40.1 head per holding.

**3.7.4** As can be seen from Table 3.12, more than 40 percent of holdings reporting sheep was found in Burkina Faso, Lesotho, Martinique, Albania, Australia and New Zealand, The average number of sheep per holding reporting varies from less than 5 in Cape Verde, Egypt, Uganda, Dominica, Grenada, Saint Lucia and St. Vincent & Grenadines to more than 1000 in Australia (2 672.8) and New Zealand (1 493.5).

**3.7.5** Among 57 countries providing data on number of holding reporting goats, more than 40 percent of holdings reporting goats was found in Botswana, Burkina Faso, Cape Verde, Uganda, Nepal and Pakistan. In Australia 2.2 percent of holdings reported goats with an average of 200.2 heads per holding (see Table 3.13).

**3.7.6** Data on pigs were available for 79 countries and are presented in Table 3.14. Among 58 countries reporting the number of holdings with pigs, nine countries reported that more than 50 percent of holdings raise pigs: these are Cape Verde, Paraguay, Philippines, Austria, Poland, American Samoa, Guam, Niue and Northern Mariana Islands. Cyprus, Japan and United Kingdom, reported an average of more than 400 heads per holding while Cape Verde, Namibia, St. Kitts & Nevis, St. Vincent & Grenadines, Myanmar, Nepal, Philippines and Albania had an average of less than 3 heads per holding.

**3.7.7** Data on horses were available for 53 countries in which 36 countries provided data on number of holdings reporting horses. As can be seen from Table 3.15, a large proportion of holdings reporting horses is found in Argentina (62 percent) and in Albania ( 50 percent).

**3.7.8** Available data on number of head of chickens are shown in Table 3.16 for 74 countries. Data on chickens show that in countries where there is a small proportion of holdings raising chickens, the average number of chickens per holding is considerably larger, indicating that in these countries there is a specialization of holdings raising chickens such as in Canada, United States, Japan, Republic of Korea, Denmark, Germany, Australia and New Zealand.

**3.7.9** Concerning the accuracy of data on livestock and their comparability between countries there are several factors which should be kept in mind. Firstly, the number of some animals, such as pigs, can change quickly and considerably in the course of the agricultural year. In such cases the reference date of enumeration may be important. Secondly, the FAO definition of livestock population (see **Frame 3.7.1**) referring to counting of animals found on the holding is not easy to implement in some countries, because at the time of enumeration the animals may have been away from the holding during the day or over longer periods, under control of somebody who takes care of animals belonging to many different holders. In these countries it is often preferred to enumerate the animals by ownership, which often creates a problem for controlling accuracy of data collected.

The livestock population refers to animal numbers present on the holding on the reference date regardless of ownership. Livestock population includes livestock temporarily absent or in transit at enumeration time.

**Frame 3.7.1** FAO definition of livestock population

## **CHAPTER 4 - CLASSIFICATION BY SIZE**

**4.0.1** The FAO Programme for the 1990 WCA recommended that the most important census data be classified by size of total area of holding as well as by some other measures of size. In national reports of many countries, data are available on many subjects classified by size. In this report only data on number and area of holdings classified by size are shown; they can be seen in Tables 4.1 and 4.2. The FAO Programme proposed 19 size classes in order to cover needs of different countries. In this report, only 11 major size classes are shown.

### **4.1 Special comparability problems**

**4.1.1** There are two major problems in comparing data classified by size from different countries. One problem refers to the size classes which are not always compatible between countries, particularly in the case of countries not using hectares, but other measures, such as acres or manzanas. In these cases interpolation of data had to be made to make possible the presentation of data from different countries in the same table. The other problem refers to the measure of size used for classification, as many countries did not classify data by size of total area of holdings, as suggested by FAO, but by size of agricultural area, cropland, etc.

**4.1.2** The interpolation of data was made using a method developed in FAO for this purpose (based on the fact that distribution of holdings by size follows, generally, the log-normal distribution; the method can be described as linear interpolation on probit scale). Data had to be interpolated for 33 out of 75 countries shown in Table 4.1. All interpolated figures are indicated in italics.

**4.1.3** The interpolation, or better called extrapolation, was not done for open-ended intervals, such as "less than 5", or "more than 50", because the reliability of such estimates is difficult to check.

**4.1.4** Concerning the measure of size used for classification, 48 out of 75 countries shown in Table 4.1 used all land of holdings as a measure of size for classification. Among the remaining 27 countries, 2 countries used productive land, 15 countries used the agricultural land (of which 10 countries are in Europe), 8 countries used cropland (called cultivated area in Burkina Faso, Democratic Republic of Congo, Guinea and Malawi, and land under crops in Albania), and 2 countries (Namibia and Finland) used arable land (see Section 3.5 for definition of the above mentioned land use categories). It should be mentioned that data classified by size, for countries using different criteria for this classification, should not, strictly speaking, be tabulated in the same table as in Table 4.1. Since the difference in size of different measures is not always significant as well as difference in boundaries applied for the total area of holdings, so it is a choice made by the country whether this area will be called either total area, agricultural area or cropland. Table 3.6 providing data on land use may be consulted for a better understanding of this problem.

## **4.2 Classification of the 1990 census data by size of holding**

**4.2.1** The available data on number and area of holdings shown in Table 4.1 include the information on the measure of size used, as well as the information on the kind of data classified by size shown under the heading "Item". Data in this table refer only to the number and area of holdings. Many other data may be found in national reports. It can be seen that in some countries the area of holdings shown under the heading "Item" is not always the same as the one indicated under the heading "Measure of size" because such data were not available. For example, in Denmark, the total area of holdings is shown as classified by agricultural area.

**4.2.2** This classification is intended to throw some light on the inequality of the distribution of land in different countries. Keeping in mind other important factors, such as the land fertility, intensity of land use (number of crop seasons), etc., such data can be used for planning and monitoring land reforms and similar activities.

## **4.3 Comparison of data for 1990, 1980 and 1970 censuses**

**4.3.1** The available data from the last three decennial censuses on the number and area of holdings, classified by size of holding are shown in Table 4.2.

**4.3.2** The situation, of course, is different in different countries. A detailed examination of data shown in Table 4.2, as well as of data shown in Table 1.1 (Number and area of holdings: countries participating in 1930 - 1990), indicates that one can distinguish the following scenarios: (i) in many Western European countries and in the United States, the present trend is that the total area of holdings tends to remain constant or, as in the case of the United States, to become somewhat smaller, while the number of holdings is reducing considerably, so that the average size of holdings is increasing; (ii) in many Asian countries, such as India and Philippines, and in some Latin American countries, the total area of holdings tends to remain constant, but the number of holdings is increasing, probably in connection with the increase of the number of rural families, resulting in a decrease of the average size of holdings; and (iii) in many African countries, particularly those with a low density of population, it could be expected an increase of the total area of holdings proportionately to the increase of the population, and this trend is evident in the case of Kenya, Lesotho and Malawi, but not in many other countries, perhaps because the time series for African countries are short and changes in the methodology applied and coverage were frequent.

# **International Comparison**

## **Tables**

**Table 1.1****Number and area of holdings: countries participating in 1930 - 1990 rounds of agricultural censuses**

COUNTRY NAME	ITEM	1930	1950	1960	1970	1980	1990	
Countries by continents		Number of reporting countries is given in square brackets.					Area in hectares.	
<b>AFRICA [45]</b>								
Algeria	Number of holdings	0	0	0	899 545	0	0	
	Total area	0	0	0	5 544 145	0	0	
Angola	Number of holdings	0	0	0	1 067 230	0	0	
	Total area	0	0	0	4 179 600	0	0	
Benin	Number of holdings	0	0	0	0	0	408 020	
	Total area	0	0	0	0	0	0	
Botswana	Number of holdings	0	0	0	48 014	84 660	101 434	
	Total area	0	0	0	228 209	204 500	322 200	
Burkina Faso	Number of holdings	0	0	0	0	0	886 638	
	Total area	0	0	0	0	0	3 472 480	
Cameroon	Number of holdings	0	0	0	925 895	0	0	
	Total area	0	0	0	1 489 758	0	0	
Cape Verde	Number of holdings	0	0	0	0	25 072	32 193	
	Total area	0	0	0	0	36 732	41 383	
Centr.Afr.Rep.	Number of holdings	0	0	231 500	283 450	303 901	0	
	Total area	0	0	450 800	491 465	272 419	0	
Chad	Number of holdings	0	0	0	366 475	0	0	
	Total area	0	0	0	962 166	0	0	
Congo, Dem. Rep. of	Number of holdings	0	0	0	2 537 502	0	4 479 600	
	Total area	0	0	0	5 896 181	0	2 387 700	
Congo. Rep. of	Number of holdings	0	0	0	143 485	143 235	0	
	Total area	0	0	0	196 774	141 705	0	
Cote d'Ivoire	Number of holdings	0	0	0	549 708	0	0	
	Total area	0	0	0	2 753 491	0	0	
Djibouti	Number of holdings	0	0	0	0	0	1 135	
	Total area	0	0	0	0	0	0	
Egypt	Number of holdings	1 213 915	1 003 023	1 642 160	0	2 864 412	3 475 502	
	Total area	3 125 688	2 580 940	2 614 090	0	2 786 166	3 297 281	
Ethiopia	Number of holdings	0	0	0	0	4 797 300	6 091 840	
	Total area	0	0	0	0	6 862 200	4 871 020	
Gabon	Number of holdings	0	0	0	71 074	0	0	
	Total area	0	0	0	72 738	0	0	
Ghana	Number of holdings	0	0	0	805 200	1 849 800	0	
	Total area	0	0	0	2 574 200	0	0	
Guinea	Number of holdings	0	0	0	0	0	442 168	
	Total area	0	0	0	0	0	895 620	
Guinea Bissau	Number of holdings	0	0	86 951	0	0	84 221	
	Total area	0	0	262 570	0	0	96 375	
Kenya	Number of holdings	0	0	521 009	1 486 639	2 750 013	0	
	Total area	0	0	6 118 725	6 131 776	6 922 060	0	
Lesotho	Number of holdings	0	0	161 000	187 421	0	229 300	
	Total area	0	0	352 754	372 342	0	331 000	
Liberia	Number of holdings	0	0	0	121 745	0	0	
	Total area	0	0	0	365 673	0	0	
Libya	Number of holdings	0	0	145 518	160 999	0	175 528	
	Total area	0	0	3 868 728	2 088 383	0	2 495 906	
Madagascar	Number of holdings	0	0	882 000	0	1 543 537	0	
	Total area	0	0	917 000	0	2 043 783	0	
Malawi	Number of holdings	0	0	0	885 000	1 135 600	1 561 416	
	Total area	0	0	0	1 361 400	1 332 000	1 167 240	
Mali	Number of holdings	0	0	280 260	0	519 460	0	
	Total area	0	0	1 220 529	0	1 699 593	0	
Mauritania	Number of holdings	0	0	0	0	99 644	0	
	Total area	0	0	0	0	201 270	0	
Morocco	Number of holdings	0	0	1 106 765	0	0	0	
	Total area	0	0	10 876 000	0	0	0	
Namibia	Number of holdings	0	0	5 358	0	0	113 616	
	Total area	0	0	61 082 869	0	0	300 146	
Niger	Number of holdings	0	0	0	0	699 332	0	
	Total area	0	0	0	0	3 406 550	0	
Nigeria	Number of holdings	0	285 000	308 000	0	0	0	
	Total area	0	0	0	0	0	0	
Reunion	Number of holdings	0	0	0	39 111	20 788	15 198	
	Total area	0	0	0	77 231	74 034	67 154	
Rwanda	Number of holdings	0	0	0	0	1 111 897	0	
	Total area	0	0	0	0	1 349 923	0	
Sao Tome/Principe	Number of holdings	0	0	0	0	0	13 822	
	Total area	0	0	0	0	0	76 214	
Senegal	Number of holdings	0	0	295 400	0	0	0	
	Total area	0	0	1 072 343	0	0	0	
Seychelles	Number of holdings	0	0	1 143	0	0	0	
	Total area	0	0	25 624	0	0	0	

**Table 1.1****Number and area of holdings: countries participating in 1930 - 1990 rounds of agricultural censuses**

COUNTRY NAME	ITEM	1930	1950	1960	1970	1980	1990	
Countries by continents		Number of reporting countries is given in square brackets.				Area in hectares.		
Sierra Leone	Number of holdings	0	0	0	286 137	223 265	0	
	Total area	0	0	0	520 572	364 029	0	
South Africa	Number of holdings	95 000	116 848	110 362	90 422	0	0	
	Total area	82 803 000	86 920 000	105 944 935	89 297 821	0	0	
Swaziland	Number of holdings	0	0	0	39 377	53 368	73 745	
	Total area	0	0	0	766 775	629 205	0	
Tanzania	Number of holdings	0	0	0	2 424 425	0	3 872 323	
	Total area	0	0	0	3 069 950	0	10 764 000	
Togo	Number of holdings	0	0	217 000	232 657	262 504	0	
	Total area	0	0	569 821	328 909	405 756	0	
Tunisia	Number of holdings	0	0	325 800	0	0	0	
	Total area	0	0	5 022 000	0	0	0	
Uganda	Number of holdings	0	0	1 171 000	0	0	1 704 721	
	Total area	0	2 839 400	3 856 136	0	0	3 683 288	
Zambia	Number of holdings	0	0	0	767 990	0	520 520	
	Total area	0	0	0	2 416 187	0	0	
Zimbabwe	Number of holdings	0	0	437 589	0	0	0	
	Total area	0	0	27 981 567	0	0	0	
<b>NORTH AND CENTRAL AMERICA [26]</b>								
Antigua	Number of holdings	0	0	5 747	0	4 654	0	
	Total area	0	0	13 794	0	1 949	0	
Bahamas	Number of holdings	0	0	0	0	4 246	1 760	
	Total area	0	0	0	0	36 246	20 336	
Barbados	Number of holdings	5 000	5 000	27 912	26 052	0	17 178	
	Total area	0	36 000	34 178	29 945	0	21 560	
Belize	Number of holdings	0	0	0	10 004	11 011	0	
	Total area	0	0	0	232 519	253 340	0	
Canada	Number of holdings	729 000	623 000	481 000	366 128	318 361	280 043	
	Total area	66 009 000	70 433 000	69 827 959	68 663 191	65 888 916	67 753 700	
Costa Rica	Number of holdings	0	43 000	65 000	81 562	0	0	
	Total area	0	1 812 000	2 668 078	3 122 456	0	0	
Dominica	Number of holdings	0	0	0	0	0	9 026	
	Total area	0	0	0	0	0	21 146	
Dominican Rep.	Number of holdings	0	275 000	447 000	304 820	0	0	
	Total area	0	2 328 000	2 257 948	2 736 274	0	0	
El Salvador	Number of holdings	0	174 000	224 000	318 041	0	0	
	Total area	0	1 530 000	1 559 439	1 451 894	0	0	
Grenada	Number of holdings	0	0	0	0	8 202	18 277	
	Total area	0	0	0	0	13 858	14 164	
Guadeloupe	Number of holdings	0	0	0	22 577	18 957	16 530	
	Total area	0	0	0	68 714	70 503	53 559	
Guatemala	Number of holdings	0	349 000	417 344	0	531 623	0	
	Total area	0	3 714 000	3 476 326	0	4 145 624	0	
Haiti	Number of holdings	0	0	0	616 710	0	0	
	Total area	0	0	0	863 520	0	0	
Honduras	Number of holdings	0	156 000	0	195 341	0	325 750	
	Total area	0	2 507 404	0	2 629 859	0	3 637 469	
Jamaica	Number of holdings	0	68 000	159 000	193 359	183 988	0	
	Total area	728 000	0	692 581	602 659	537 042	0	
Martinique	Number of holdings	0	0	0	0	19 573	16 038	
	Total area	0	0	0	0	60 447	50 192	
Mexico	Number of holdings	858 000	1 383 000	1 365 000	1 020 016	0	4 437 863	
	Total area	131 595 000	145 517 000	169 084 208	139 868 191	0	183 838 578	
Nicaragua	Number of holdings	0	52 000	102 201	0	0	0	
	Total area	0	2 368 000	3 815 932	0	0	0	
Panama	Number of holdings	0	85 000	95 000	115 364	153 194	213 895	
	Total area	0	1 159 000	1 806 452	2 098 062	2 258 558	2 941 583	
Puerto Rico	Number of holdings	51 000	53 000	46 000	32 687	31 837	20 245	
	Total area	776 000	725 000	661 244	524 575	426 186	348 530	
St. Kitts Nevis	Number of holdings	0	0	0	0	0	3 430	
	Total area	0	0	0	0	0	8 870	
St. Lucia	Number of holdings	0	0	13 008	10 938	0	11 551	
	Total area	0	0	35 359	29 138	0	23 478	
St. Vincent/Grenad.	Number of holdings	0	0	0	0	0	8 860	
	Total area	0	0	0	0	0	12 017	
Trinidad Tobago	Number of holdings	0	31 000	35 796	0	30 563	0	
	Total area	0	168 000	214 990	0	132 346	0	
U.S.A.	Number of holdings	6 295 000	5 388 000	3 710 000	2 730 250	2 478 642	2 087 759	
	Total area	400 679 000	470 498 000	454 661 045	430 321 437	416 707 081	390 311 617	
Virgin Islands (US)	Number of holdings	0	755	501	212	378	267	
	Total area	28 000	26 000	17 831	8 284	9 873	7 197	



**Table 1.1****Number and area of holdings: countries participating in 1930 - 1990 rounds of agricultural censuses**

COUNTRY NAME	ITEM	1930	1950	1960	1970	1980	1990	
Countries by continents		Number of reporting countries is given in square brackets.					Area in hectares.	
<b>SOUTH AMERICA [11]</b>								
Argentina	Number of holdings	435 000	547 000	471 756	0	0	378 357	
	Total area	0	200 209 000	175 142 497	0	0	177 437 398	
Brazil	Number of holdings	648 000	2 064 000	3 338 000	4 905 642	5 159 851	5 834 779	
	Total area	175 105 000	232 211 000	249 862 142	294 145 466	364 854 421	376 286 577	
Chile	Number of holdings	0	0	258 657	0	311 324	0	
	Total area	0	27 712 000	30 644 131	0	28 771 855	0	
Colombia	Number of holdings	0	919 000	1 210 000	1 176 811	0	1 547 846	
	Total area	0	27 748 000	27 337 827	30 993 190	0	36 033 713	
Ecuador	Number of holdings	0	344 000	0	519 111	0	0	
	Total area	0	6 000 000	0	7 949 403	0	0	
French Guiana	Number of holdings	0	0	0	0	2 209	4 491	
	Total area	0	0	0	0	7 349	41 553	
Paraguay	Number of holdings	0	0	160 777	0	248 930	307 221	
	Total area	0	0	17 473 474	0	21 940 531	23 817 737	
Peru	Number of holdings	0	0	870 000	1 390 877	0	1 756 141	
	Total area	0	0	17 772 044	23 545 147	0	35 381 809	
Suriname	Number of holdings	0	0	16 000	16 078	22 103	0	
	Total area	0	0	105 832	93 833	164 790	0	
Uruguay	Number of holdings	75 000	85 000	87 000	77 163	68 362	54 819	
	Total area	16 745 000	16 974 000	16 988 408	16 517 730	16 024 656	15 681 804	
Venezuela	Number of holdings	218 000	235 000	320 094	287 919	381 276	0	
	Total area	23 372 000	22 127 000	26 004 862	26 470 134	31 278 155	0	
<b>ASIA [28]</b>								
Bahrain	Number of holdings	0	0	0	855	806	0	
	Total area	0	0	0	3 702	3 538	0	
Bangladesh	Number of holdings	0	0	6 464 400	0	6 852 558	0	
	Total area	0	0	8 792 008	0	8 886 780	0	
Brunei	Number of holdings	0	0	6 306	0	0	0	
	Total area	0	0	32 487	0	0	0	
Cyprus	Number of holdings	0	0	0	0	44 522	52 089	
	Total area	0	0	0	0	201 094	177 760	
India	Number of holdings	0	61 780 000	48 882 000	70 493 000	81 569 000	106 637 000	
	Total area	0	135 856 000	131 873 000	162 124 000	163 343 000	165 507 000	
Indonesia	Number of holdings	0	0	12 237 000	14 375 343	17 628 700	19 713 806	
	Total area	0	0	14 634 695	16 396 826	19 019 900	17 145 036	
Iran	Number of holdings	0	0	1 877 299	0	0	3 602 950	
	Total area	0	0	11 356 254	0	0	15 458 910	
Iraq	Number of holdings	0	125 000	253 000	591 178	0	0	
	Total area	0	6 384 400	8 038 703	5 732 481	0	0	
Israel	Number of holdings	0	17 000	0	40 210	51 654	25 448	
	Total area	0	261 000	0	539 800	584 028	361 080	
Japan	Number of holdings	0	6 176 000	6 056 000	5 354 074	4 661 384	3 453 550	
	Total area	0	6 195 000	7 141 941	5 388 554	4 772 093	4 282 000	
Jordan	Number of holdings	0	0	0	55 548	62 162	0	
	Total area	0	0	0	390 403	364 263	0	
Korea Rep.	Number of holdings	0	0	2 332 000	2 421 420	2 157 555	1 768 501	
	Total area	0	0	4 815 471	2 132 233	2 025 795	1 857 491	
Kuwait	Number of holdings	0	0	0	449	0	0	
	Total area	0	0	0	2 726	0	0	
Lebanon	Number of holdings	0	0	127 123	13 949	0	0	
	Total area	0	0	304 014	619 627	0	0	
Myanmar	Number of holdings	0	0	0	0	0	2 924 898	
	Total area	0	0	0	0	0	6 886 956	
Nepal	Number of holdings	0	0	0	1 721 546	2 193 956	2 736 050	
	Total area	0	0	0	1 654 022	2 463 717	2 598 971	
Oman	Number of holdings	0	0	0	0	83 204	0	
	Total area	0	0	0	0	83 360	0	
Pakistan	Number of holdings	0	0	5 691 000	3 761 940	4 069 611	5 071 112	
	Total area	0	0	19 800 824	19 913 400	19 108 965	19 252 672	
Philippines	Number of holdings	1 635 000	1 639 000	2 166 000	2 354 469	3 420 323	4 610 041	
	Total area	6 691 000	5 727 000	7 772 485	8 493 735	9 749 200	9 974 871	
Saudi Arabia	Number of holdings	0	0	0	180 670	212 157	0	
	Total area	0	0	0	1 213 462	2 135 033	0	
Singapore	Number of holdings	0	0	0	15 741	0	0	
	Total area	0	0	0	11 833	0	0	
Sri Lanka	Number of holdings	0	0	1 170 000	1 645 260	1 816 988	0	
	Total area	0	0	1 888 461	2 036 142	1 967 311	0	
Syria	Number of holdings	0	0	0	524 133	485 691	0	
	Total area	0	0	0	4 721 383	3 153 436	0	

**Table 1.1****Number and area of holdings: countries participating in 1930 - 1990 rounds of agricultural censuses**

COUNTRY NAME	ITEM	1930	1950	1960	1970	1980	1990	
Countries by continents		Number of reporting countries is given in square brackets.					Area in hectares.	
Thailand	Number of holdings	0	2 112 000	3 214 405	0	4 018 427	5 647 490	
	Total area	0	0	11 149 190	0	14 954 592	19 002 071	
Turkey	Number of holdings	0	2 528 000	3 409 846	0	3 650 910	4 068 432	
	Total area	0	19 452 000	17 142 777	0	22 764 029	23 451 099	
Viet Nam	Number of holdings	0	0	0	0	0	9 528 896	
	Total area	0	0	0	0	0	4 948 302	
Yemen A.R.(former)	Number of holdings	0	0	0	0	591 071	0	
	Total area	0	0	0	0	1 350 775	0	
Yemen D.R.(former)	Number of holdings	0	0	0	0	165 200	0	
	Total area	0	0	0	0	134 014	0	
<b>EUROPE [24]</b>								
Albania	Number of holdings	0	0	0	0	0	444 300	
	Total area	0	0	0	0	0	0	
Austria	Number of holdings	396 000	421 000	396 000	362 216	302 579	273 210	
	Total area	7 616 000	7 717 000	7 683 888	7 490 463	7 325 863	7 217 498	
Belgium	Number of holdings	292 000	264 000	268 000	184 005	119 277	87 180	
	Total area	1 866 000	1 801 000	1 767 447	1 602 864	1 475 140	1 400 364	
Czechoslovakia (former)	Number of holdings	0	1 210 000	0	1 472 462	1 391 102	1 245 889	
	Total area	0	11 643 000	0	11 874 100	12 788 247	12 790 007	
Denmark	Number of holdings	204 000	207 000	195 000	140 197	122 722	81 267	
	Total area	3 176 000	3 157 000	3 108 267	2 941 316	3 241 009	3 069 430	
Finland	Number of holdings	240 000	335 000	387 000	297 257	224 721	199 385	
	Total area	15 534 357	15 306 000	15 959 621	15 150 223	12 800 326	12 338 439	
France	Number of holdings	3 966 000	0	1 899 000	1 587 643	1 262 672	1 016 755	
	Total area	45 090 000	0	35 794 300	35 039 217	33 648 959	31 985 606	
Germany	Number of holdings	0	2 051 000	1 709 000	1 074 637	850 006	566 900	
	Total area	0	22 173 000	18 023 822	15 326 139	14 487 137	18 617 900	
Greece	Number of holdings	953 000	1 000 000	1 156 172	1 047 260	998 876	802 400	
	Total area	3 880 000	3 606 000	3 673 275	3 586 294	0	3 609 000	
Hungary	Number of holdings	0	1 213 000	0	802 892	798 545	0	
	Total area	0	8 000 000	0	7 476 103	9 303 670	0	
Ireland	Number of holdings	349 000	379 487	360 113	279 450	263 558	170 578	
	Total area	6 199 000	5 873 000	5 785 332	5 650 000	6 889 230	4 441 755	
Italy	Number of holdings	4 196 000	0	4 294 000	3 607 262	3 270 560	3 023 344	
	Total area	64 870 000	0	26 571 898	25 064 218	23 559 924	22 702 356	
Luxembourg	Number of holdings	0	14 000	0	7 608	5 173	3 803	
	Total area	0	140 000	0	135 143	130 061	137 653	
Malta	Number of holdings	0	14 000	12 000	10 803	12 070	0	
	Total area	0	0	18 449	15 899	13 969	0	
Netherlands	Number of holdings	285 000	286 000	300 702	184 613	148 674	127 367	
	Total area	2 130 000	2 318 000	2 658 297	2 142 597	2 232 126	2 163 472	
Norway	Number of holdings	209 000	213 000	197 000	154 977	125 302	99 382	
	Total area	0	6 903 000	7 369 106	7 772 091	953 528	991 077	
Poland	Number of holdings	0	0	3 601 000	3 398 959	0	3 783 000	
	Total area	0	0	22 931 905	16 418 552	31 268 300	31 268 300	
Portugal	Number of holdings	0	853 568	0	811 656	783 944	598 742	
	Total area	0	0	0	4 974 157	5 182 902	5 316 161	
Slovenia	Number of holdings	0	0	194 855	180 228	192 090	156 549	
	Total area	0	0	0	0	0	912 013	
Spain	Number of holdings	0	0	3 007 626	2 571 059	2 375 327	2 284 944	
	Total area	0	0	44 650 089	45 702 620	44 311 769	42 939 208	
Sweden	Number of holdings	429 000	378 000	263 000	161 946	115 136	0	
	Total area	20 457 000	16 300 000	0	10 589 946	8 750 648	0	
Switzerland	Number of holdings	0	229 392	0	152 859	125 274	108 296	
	Total area	0	0	0	1 292 110	1 271 545	1 283 240	
United Kingdom	Number of holdings	0	543 000	467 000	326 698	268 560	244 205	
	Total area	0	19 502 000	19 022 873	17 992 312	17 568 330	17 301 000	
Yugoslavia (former)	Number of holdings	1 986 000	2 385 000	2 624 000	2 600 140	2 679 581	0	
	Total area	10 646 000	13 453 657	12 453 440	12 462 422	11 222 124	0	
<b>OCEANIA [14]</b>								
American Samoa	Number of holdings	1 000	2 000	2 000	1 923	1 331	384	
	Total area	0	6 000	4 662	4 212	2 428	2 349	
Australia	Number of holdings	254 000	245 000	252 000	249 485	175 756	129 540	
	Total area	362 911 000	375 788 000	464 575 646	497 223 700	495 447 000	466 561 000	
Cook Isl.	Number of holdings	0	0	0	0	0	2 188	
	Total area	0	0	0	0	0	2 604	
Fiji	Number of holdings	0	0	0	33 521	66 376	95 400	
	Total area	0	0	0	245 332	277 134	591 407	

**Table 1.1****Number and area of holdings: countries participating in 1930 - 1990 rounds of agricultural censuses**

COUNTRY NAME	ITEM	1930	1950	1960	1970	1980	1990	
Countries by continents		Number of reporting countries is given in square brackets.					Area in hectares.	
French Polynesia	Number of holdings	0	0	0	0	0	6 223	
	Total area	0	0	0	0	0	30 484	
Guam	Number of holdings	2 000	2 000	2 000	1 121	1 999	351	
	Total area	0	10 000	12 994	10 586	11 582	5 315	
New Caledonia	Number of holdings	0	0	0	0	0	10 302	
	Total area	0	0	0	0	0	313 769	
New Zealand	Number of holdings	85 000	90 000	77 000	62 789	71 505	80 904	
	Total area	17 550 000	17 465 000	17 813 567	19 030 369	21 237 299	17 489 398	
Niue	Number of holdings	0	0	0	0	0	450	
	Total area	0	0	0	0	0	2 760	
North.Mariana Isl.	Number of holdings	0	0	0	0	299	119	
	Total area	0	0	0	0	4 932	5 836	
Palau	Number of holdings	0	0	0	0	0	300	
	Total area	0	0	0	0	0	158	
Samoa	Number of holdings	0	0	0	0	0	11 099	
	Total area	0	0	0	0	0	67 375	
Tonga	Number of holdings	0	0	0	0	10 121	0	
	Total area	0	0	0	0	33 391	0	
Vanuatu	Number of holdings	0	0	0	0	0	22 000	
	Total area	0	0	0	0	0	0	

**Table 1.2**  
**Total country area and population in 1990 (source: FAO Production Yearbook 1994) and number and area of holdings for countries included in this report**

Countries by continents. Number of reporting countries is given in square brackets.	Total area of country ('000 Ha)	Population 1990		Census Year	Holdings		Area of holdings as percent of total country area	Agricultural Population per holding
		Total ('000)	Agricultural ('000)		Number	Area (Ha)		
<b>TOTAL [90]</b>								
<b>AFRICA [20]</b>								
Benin	11 262	4 633	2 844	92	408 020	-	-	7.0
Botswana	58 173	1 276	803	93	101 434	322 200	0.6	7.9
Burkina Faso	27 400	8 987	7 585	93	886 638	3 472 480	12.7	8.6
Cape Verde	403	341	148	88	32 193	41 383	10.3	4.6
Congo, Dem. Rep. of	234 486	37 436	24 615	90	4 479 600	2 387 700	1.0	5.5
Djibouti	2 320	517	-	95	1 135	-	-	-
Egypt	100 145	56 312	22 804	90	3 475 502	3 297 281	3.3	6.6
Ethiopia	122 190	50 505	37 675	89/92	6 091 840	4 871 020	4.0	6.2
Guinea	24 586	5 755	4 270	95	442 168	895 620	3.6	9.7
Guinea Bissau	3 612	964	759	88	84 221	96 375	2.7	9.0
Lesotho	3 035	1 792	1 427	89/90	229 300	331 000	10.9	6.2
Libya	175 954	4 545	624	87	175 528	2 495 906	1.4	3.6
Malawi	11 848	9 367	7 034	93	1 561 416	1 167 240	9.9	4.5
Namibia	82 429	1 349	473	95	113 616	300 146	0.4	4.2
Reunion	251	604	68	89	15 198	67 154	26.8	4.5
Sao Tome & Principe	96	119	-	90	13 822	76 214	79.4	-
Swaziland	1 736	744	493	93	73 745	-	-	6.7
Tanzania	94 509	25 600	20 310	94/95	3 872 323	10 764 000	11.4	5.2
Uganda	23 588	17 949	14 513	91	1 704 721	3 683 288	15.6	8.5
Zambia	75 261	8 150	5 619	90	520 520	-	-	10.8
<b>NORTH AND CENTRAL AMERICA [16]</b>								
Bahamas	1 388	256	16	94	1 760	20 336	1.5	9.1
Barbados	43	297	17	89	17 178	21 560	50.1	1.0
Canada	997 614	27 791	913	91	280 043	67 753 700	6.8	3.3
Dominica	75	71	-	95	9 026	21 146	28.2	-
Grenada	34	91	-	95	18 277	14 164	41.7	-
Guadeloupe	171	391	37	89	16 530	53 559	31.3	2.2
Honduras	11 209	4 879	2 778	93	325 750	3 637 469	32.5	8.5
Martinique	110	360	28	89	16 038	50 192	45.6	1.7
Mexico	195 820	84 511	25 319	91	4 437 863	183 838 578	93.9	5.7
Panama	7 552	2 398	589	90	213 895	2 941 583	39.0	2.8
Puerto Rico	890	3 531	116	87	20 245	348 530	39.2	5.7
Saint Lucia	62	133	-	86	11 551	23 478	37.9	-
St. Kitts & Nevis	36	49	-	87	3 430	8 870	24.6	-

Table 1.2

Total country area and population in 1990 (source: FAO Production Yearbook 1994) and number and area of holdings for countries included in this report

Countries by continents. Number of reporting countries is given in square brackets.	Total area of country ('000 Ha)	Population 1990		Census Year	Holdings		Area of holdings as percent of total country area	Agricultural Population per holding
		Total ('000)	Agricultural ('000)		Number	Area (Ha)		
St. Vincent & Grenadines	39	107	-	86	8 860	12 017	30.8	-
U.S.A.	980 943	249 924	6 583	87	2 087 759	390 311 617	39.8	3.2
Virgin Islands (US)	34	102	-	87	267	7 197	21.2	-
<b>SOUTH AMERICA [7]</b>								
Argentina	276 689	32 547	3 373	88	378 357	177 437 398	64.1	8.9
Brazil	851 197	148 477	36 066	85	5 834 779	376 286 577	44.2	6.2
Colombia	113 891	32 300	8 915	88	1 547 846	36 033 713	31.6	5.8
French Guiana	9 000	117	-	89	4 491	41 553	0.5	-
Paraguay	40 675	4 317	2 068	91	307 221	23 817 737	58.6	6.7
Peru	128 522	21 588	7 914	94	1 756 141	35 381 809	27.5	4.5
Uruguay	17 741	3 094	421	90	54 819	15 681 804	88.4	7.7
<b>ASIA [14]</b>								
Cyprus	925	702	145	94	52 089	177 760	19.2	2.8
India	328 759	850 638	534 059	91	106 637 000	165 507 000	50.3	5.0
Indonesia	190 457	182 812	81 191	93	19 713 806	17 145 036	9.0	4.1
Iran	164 800	58 946	15 807	93	3 602 950	15 458 910	9.4	4.4
Israel	2 106	4 660	199	95	25 448	361 080	17.1	7.8
Japan	37 780	123 537	7 572	95	3 453 550	4 282 000	11.3	2.2
Korea, Rep. of	9 902	42 869	9 590	90	1 768 501	1 857 491	18.8	5.4
Myanmar	67 658	41 813	19 600	93	2 924 898	6 886 956	10.2	6.7
Nepal	14 080	19 253	17 657	92	2 736 050	2 598 971	18.5	6.5
Pakistan	79 610	121 933	64 576	90	5 071 112	19 252 672	24.2	12.7
Philippines	30 000	60 779	28 264	91	4 610 041	9 974 871	33.2	6.1
Thailand	51 312	55 583	33 604	93	5 647 490	19 002 071	37.0	6.0
Turkey	77 945	56 098	24 764	91	4 068 432	23 451 099	30.1	6.1
Viet Nam	32 836	66 689	40 384	94	9 528 896	4 984 302	15.2	4.2
<b>EUROPE [20]</b>								
Albania	2 875	3 289	1 591	95	444 300	-	-	3.6
Austria	8 385	7 705	377	90	273 210	7 217 498	86.1	1.4
Belgium	3 052	9 951	174	90	87 180	1 400 364	45.9	2.0
Czechoslovakia (former)	12 787	15 562	1 454	90	1 245 889	12 790 007	100.0	1.2
Denmark	4 309	5 140	240	89	81 267	3 069 430	71.2	3.0
Finland	33 813	4 986	409	90	199 385	12 338 439	36.5	2.1
France	55 150	56 718	2 775	88	1 016 755	31 985 606	58.0	2.7
Germany	35 691	79 365	3 269	95	566 900	18 617 900	52.2	5.8
Greece	13 199	10 238	2 187	95	802 400	3 609 000	27.3	2.7

**Table 1.2**  
**Total country area and population in 1990 (source: FAO Production Yearbook 1994) and number and area of holdings for countries included in this report**

Countries by continents. Number of reporting countries is given in square brackets.	Total area of country ('000 Ha)		Population 1990		Census Year	Holdings		Area of holdings as percent of total country area	Agricultural Population per holding
	Total ('000)	Agricultural ('000)	Total ('000)	Agricultural ('000)		Number	Area (Ha)		
Ireland	7 028	3 503	460	91	170 578	4 441 755	63.2	2.7	
Italy	30 127	57 023	3 462	90	3 023 344	22 702 356	75.4	1.1	
Luxembourg	258	381	13	90	3 803	137 653	53.4	3.4	
Netherlands	3 733	14 952	551	90	127 367	2 163 472	58.0	4.3	
Norway	32 390	4 241	233	89	99 382	991 077	3.1	2.3	
Poland	31 268	38 119	6 951	90	3 783 000	31 268 300	100.0	1.8	
Portugal	9 239	9 868	1 697	89	598 742	5 316 161	57.5	2.8	
Slovenia	2 025	1 918	376	91	156 549	912 013	45.0	2.4	
Spain	50 478	39 272	4 068	89	2 284 944	42 939 208	85.1	1.8	
Switzerland	4 129	6 834	237	90	108 296	1 283 240	31.1	2.2	
United Kingdom	24 488	57 622	1 150	93	244 205	17 301 000	70.7	4.7	
<b>OCEANIA [13]</b>									
American Samoa	20	-	-	90	384	2 349	11.7	-	
Australia	771 336	16 884	843	90	129 540	466 561 000	60.5	6.5	
Cook Islands	23	-	-	88	2 188	2 604	11.3	-	
Fiji	1 827	726	284	91	95 400	591 407	32.4	3.0	
French Polynesia	400	197	-	95	6 223	30 484	7.6	-	
Guam	55	134	-	87	351	5 315	9.7	-	
New Caledonia	1 858	168	-	91	10 302	313 769	16.9	-	
New Zealand	27 099	3 360	308	90	80 904	17 489 398	64.5	3.8	
Niue	26	-	-	89	453	2 760	10.6	-	
Northern Mariana Isl.	-	-	-	90	119	5 836	-	-	
Palau	-	-	-	89	300	158	-	-	
Samoa	284	162	-	89	11 099	67 375	23.7	-	
Vanuatu	1 219	151	-	93	22 000	-	-	-	

**Table 1.3**

**Total country area and population in 1990 (source: FAO Production Yearbook 1994) and latest data on number and area of holdings for countries not included in this report, for which some data on number and area of holdings were available**

Countries by continent. Number of reporting countries is given in square brackets.	Total area of country ( <sup>'000</sup> Ha)	Total population ( <sup>'000</sup> )	Agricultural holdings		
			Year of census or survey	Number	Area (Ha)
<b>TOTAL [64]</b>					
<b>AFRICA [25]</b>					
Algeria	238 174	24 935	1973	899 545	5 544 145
Angola	124 670	9 194	1964/65	1 067 230	4 179 600
Cameroon	47 544	11 526	1972/73	925 895	1 489 758
Centr.Afr.Rep.	62 298	2 927	1985	303 901	272 419
Chad	128 400	5 553	1972/73	366 475	962 166
Congo, Rep. of	34 200	2 232	1986	143 235	141 705
Cote d'Ivoire	32 246	11 974	1974/75	549 708	2 753 491
Gabon	26 767	1 146	1974/75	71 074	72 738
Ghana	23 854	15 020	1984	1 849 800	-
Kenya	58 037	23 613	1981	2 750 013	6 922 060
Liberia	9 775	2 575	1971	121 745	1 543 537
Madagascar	58 704	12 571	1984	1 543 537	2 043 783
Mali	124 019	9 212	1978	519 460	1 699 593
Mauritania	102 552	2 003	1985	99 644	201 270
Morocco	44 655	24 334	1962	1 106 765	10 876 000
Niger	126 700	7 731	1980	699 332	3 406 550
Nigeria	92 377	96 154	1960	308 000	-
Rwanda	2 634	6 986	1984	1 111 897	1 349 923
Senegal	19 672	7 327	1960	295 400	1 072 343
Seychelles	45	70	1960	1 143	25 624
Sierra Leone	7 174	3 999	1985	223 265	364 029
South Africa	122 104	37 066	1974	90 422	89 297 821
Togo	5 679	3 531	1983	262 504	405 756
Tunisia	16 361	8 080	1961	325 800	5 022 000
Zimbabwe	39 076	9 903	1960	437 589	27 981 567
<b>NORTH AND CENTRAL AMERICA [10]</b>					
Antigua Barbuda	44	64	1984	4 654	1 949
Belize	2 296	189	1985	11 011	253 340
Costa Rica	5 110	3 035	1973	81 562	3 122 456
Dominican Rep.	4 873	7 110	1971	304 820	2 736 274
El Salvador	2 104	5 172	1970/71	318 041	1 451 894
Guatemala	10 889	9 197	1979	531 623	4 145 624
Haiti	2 775	6 486	1971	616 710	863 520
Jamaica	1 099	2 366	1979	183 988	537 042
Nicaragua	13 000	3 676	1963	102 201	3 815 932
Trinidad Tobago	513	1 236	1982	30 563	132 346
<b>SOUTH AMERICA [4]</b>					
Chile	75 695	13 154	1976	311 324	28 771 855
Ecuador	28 356	10 264	1974	519 111	7 949 403
Suriname	16 327	400	1981	22 103	164 790
Venezuela	91 205	19 502	1985	381 276	31 278 155
<b>ASIA [14]</b>					
Bahrain	68	490	1980	806	3 538
Bangladesh	14 400	108 118	1977	6 852 558	8 886 780
Brunei DARSM	577	257	1964	6 306	32 487
Iraq	43 832	18 078	1971	591 178	5 732 481
Jordan	8 921	3 282	1983	62 162	364 263
Kuwait	1 782	2 143	1970	449	2 726
Lebanon	1 040	2 555	1970	13 949	619 627
Oman	21 246	1 751	1979	83 204	83 360
Saudi Arabia	214 969	16 048	1983	212 157	2 135 033
Singapore	62	2 705	1973	15 741	11 833
Sri Lanka	6 561	17 225	1982	1 816 988	1 967 311

**Table 1.3**

**Total country area and population in 1990 (source: FAO Production Yearbook 1994) and latest data on number and area of holdings for countries not included in this report, for which some data on number and area of holdings were available**

Countries by continent. Number of reporting countries is given in square brackets.	Total area of country ( <sup>'000</sup> Ha)	Total population ( <sup>'000</sup> )	Agricultural holdings		
			Year of census or survey	Number	Area (Ha)
Syria	18 518	12 348	1981	485 691	3 153 436
Yemen A.R.(former) <sup>(1)</sup>	19 500	6 848	1982	591 071	1 350 775
Yemen D.R.(former) <sup>(1)</sup>	33 297	2 137	1985	165 200	134 014
<b>EUROPE [10]</b>					
Belarus	20 760	10 163	1994	5 313	-
Estonia <sup>(2)</sup>	4 510	1 541	1994	11 166	-
Hungary	9 303	10 365	1994	1 206 498	-
Latvia	6 450	2 583	1994	359 479	2 450 000
Lithuania <sup>(3)</sup>	6 520	3 706	1994	110 000	-
Malta	32	354	1979	12 070	13 969
Russian Federation <sup>(4)</sup>	1 707 540	147 370	1994/95	305 900	-
Sweden	44 996	8 559	1981	115 136	8 750 648
Ukraine <sup>(5)</sup>	60 370	51 465	1994	44 513	-
Yugoslavia (former) <sup>(6) (7)</sup>	23 555	21 891	1981	2 523 032	10 310 111
<b>OCEANIA [1]</b>					
Tonga	75	96	1985	10 121	33 391

<sup>(1)</sup> Data on country area and population from Production Yearbook 1986.

<sup>(2)</sup> Excluding about 200 000 household plots with an average size of 0.6 Ha.

<sup>(3)</sup> Private farms only, reporting about 30% of agricultural land in use.

<sup>(4)</sup> Excluding 35 000 000 private plots with an average size of 0.2 - 0.5 Ha.

<sup>(5)</sup> Excluding 10 860 812 subsidiary private plots with an average size of 0.3 Ha.

<sup>(6)</sup> Data on country area and population from Production Yearbook 1991.

<sup>(7)</sup> Excluding Slovenia.



**Table 1.4**

**Total country area and population in 1990 (source: FAO Production Yearbook 1994) for countries not included in this report, for which no data on number and area of holdings were available**

<b>Countries by continent.</b> Number of reporting countries is given in square brackets.	<b>Total area of country</b> ( <b>'000 Ha</b> )	<b>Total population</b> ( <b>'000</b> )	<b>Countries by continent.</b> Number of reporting countries is given in square brackets.	<b>Total area of country</b> ( <b>'000 Ha</b> )	<b>Total population</b> ( <b>'000</b> )
<b>TOTAL [68]</b>					
<b>AFRICA [11]</b>			<b>ASIA (cont'd)</b>		
British Indian Ocean Terr.	8	-	Hong Kong	104	5 705
Burundi	2 783	5 503	Kazakhstan <sup>(1)</sup>	271 730	16 877
Comoros	223	543	Korea, Democratic Pop. Rep.	12 054	21 774
Equatorial Guinea	2 805	352	Kyrgyzstan <sup>(1)</sup>	19 850	4 513
Eritrea	12 114	3 345	Laos	23 680	4 202
Gambia	1 130	923	Macau	2	342
Mauritius	204	1 057	Malaysia	32 975	17 891
Mozambique	80 159	14 187	Maldives	30	216
St. Helena	31	-	Mongolia	156 650	2 177
Somalia	63 766	8 677	Qatar	1 100	485
Sudan	250 581	24 585	Tajikistan <sup>(1)</sup>	14 310	5 604
			Turkmenistan <sup>(1)</sup>	48 810	3 833
<b>NORTH AND CENTRAL AMERICA [10]</b>			United Arab Emirates	8 360	1 671
Aruba	19	67	Uzbekistan <sup>(1)</sup>	44 740	21 375
Bermuda	5	61			
British Virgin Isl.	15	-	<b>EUROPE [9]</b>		
Cayman Isl.	26	-	Andorra	45	-
Cuba	11 086	10 598	Bulgaria	11 091	8 991
Greenland	34 170	-	Faeroe Isl.	140	47
Montserrat	10	-	Gibraltar	1	-
Netherlands Antille	80	190	Iceland	10 300	255
St. Pierre and Miquelon	24	-	Liechtenstein	16	-
Turks Caicos	43	-	Moldova Rep. <sup>(1)</sup>	3 370	4 395
			Romania	23 750	23 207
<b>SOUTH AMERICA [3]</b>			San Marino	6	-
Bolivia	109 858	6 573			
Falkland Isl.	1 217	-	<b>OCEANIA [12]</b>		
Guyana	21 497	796	Canton Isl.	7	-
			Christmas Isl.	13	-
<b>ASIA [23]</b>			Cocos Isl.	1	-
Afghanistan	65 209	15 045	Kiribati	73	72
Armenia <sup>(1)</sup>	2 980	3 441	Nauru	2	-
Azerbaijan <sup>(1)</sup>	8 660	7 296	Norfolk Isl.	4	-
Bhutan	4 700	1 544	Pacific Isl.	178	-
Cambodia	18 104	8 841	Papua New Guinea	46 284	3 839
China	959 696	1 155 305	Solomon Isl.	2 890	320
East Timor	1 487	740	Tokelau	1	-
Gaza Strip	38	624	Tuvalu	3	-
Georgia <sup>(1)</sup>	6 970	5 442	Wallis and Futuna Isl.	20	-

<sup>(1)</sup> Data on population refer to 1992.

Table 1.5

## Coverage of agricultural censuses and application of sampling for countries taking a census in the period 1986-95

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Coverage	Application of sampling
<b>TOTAL [90]</b>			
<b>AFRICA [20]</b>			
Benin	92	Traditional Sector only, all territories with agriculture as main activity	Sampling
Botswana	93	Traditional Sector only, excluding nomadic livestock holdings	Sampling
Burkina Faso	93	Traditional Sector only, excluding nomadic livestock holdings	Sampling
Cape Verde	88	Households in non agricultural areas or non agricultural households in agricultural areas were excluded	Complete enum. + sampling
Congo, Dem. Rep. of	90	Traditional Sector only	Sampling
Djibouti	95	Excluding Obock district	Complete enumeration
Egypt	90	The census covered the entire country and all sectors of agriculture	Complete enumeration
Ethiopia	89/92	Excluding Eritrea, Tigray, Asab, Ogaden autonomous regions. Excluding nomadic areas	Sampling
Guinea	95	The census covered the entire country	Sampling
Guinea Bissau	88	Traditional sector only. Excluding the autonomous sector of the capital city of Bissau.	Sampling
Lesotho	89/90	All holdings in the country, including agricultural activities in urban areas, were covered	Sampling
Libya	87	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Malawi	93	The census covered the entire country	Sampling
Namibia	95	The census covered the entire country and all sectors of agriculture	Complete enum. + sampling
Reunion	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Sao Tome & Principe	90	Excluding holdings in urban areas and holdings residing in agricultural zones but not practicing agriculture.	Complete enum. + sampling
Swaziland	93	Excluding urban areas	Complete enum. + sampling
Tanzania	94/95	Traditional sector was covered. Urban areas and large scale holdings were excluded from the census	Sampling
Uganda	91	Excluding urban areas	Sampling
Zambia	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enum. + sampling
<b>NORTH AND CENTRAL AMERICA [16]</b>			
Bahamas	94	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Barbados	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Canada	91	Excluding some Indian Reservations and Settlements in Yukon and North-West Territories	Complete enumeration
Dominica	95	Excluding urban areas	Complete enum. + sampling
Grenada	95	Excluding urban areas	Complete enumeration
Guadeloupe	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Honduras	93	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Martinique	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Mexico	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Panama	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Puerto Rico	87	The entire island was covered, except for the commercial section of the city of Castries	Complete enumeration
Saint Lucia	86	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
St. Kitts & Nevis	87	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
St. Vincent & Grenadines	86	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
U.S.A.	87	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Virgin Islands (US)	87	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration

Table 1.5

## Coverage of agricultural censuses and application of sampling for countries taking a census in the period 1986-95

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Coverage	Application of sampling
<b>SOUTH AMERICA [7]</b>			
Argentina	88	Excluding urban areas and desert zones unfit to agricultural use	Complete enumeration
Brazil	85	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Colombia	88	Areas 100% under wood/forests and cities/city-suburbs were excluded	Sampling
French Guiana	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Paraguay	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Peru	94	Excluding totally urbanized areas	Complete enumeration
Uruguay	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
<b>ASIA [14]</b>			
Cyprus	94	Government controlled part of Cyprus was covered	Complete enumeration
India	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enum. + sampling
Indonesia	93	The census covered the entire country and all activities in the agricultural sectors	Complete enum. + sampling
Iran	93	The census covered all agricultural sectors of the whole country, except forests and pastures	Complete enumeration
Israel	95	The census covered all agricultural sectors of the whole country	Sampling
Japan	95	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Korea, Rep. of	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Myanmar	93	Excluding few remote areas with little agricultural activity	Sampling
Nepal	92	All holdings in the country, meeting the agricultural holding definition, were covered	Sampling
Pakistan	90	All holdings in the country, meeting the agricultural holding definition, were covered	Sampling
Philippines	91	All holdings in the country, meeting the agricultural holding definition, were covered	Sampling
Thailand	93	All holdings in the country, meeting the agricultural holding definition, were covered	Sampling
Turkey	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enum. + sampling
Viet Nam	94	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enum. + sampling
<b>EUROPE [20]</b>			
Albania	95	Farms reporting livestock only and growers of speciality crops (greenhouses) were excluded from the survey	Sampling
Austria	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Belgium	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Czechoslovakia (former)	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Denmark	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration (1)
Finland	90	Entire country covered. Farms under 1 Ha of arable land, or under 2 Ha of forest land, were excluded.	Complete enumeration
France	88	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Germany	95	The survey covered the entire country	Sampling
Greece	95	The survey covered the entire country	Sampling
Ireland	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Italy	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Luxembourg	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Netherlands	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Norway	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Poland	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Portugal	89	All holdings in the country, meeting the agricultural holding definition, were covered	Sampling
			Complete enumeration

**Table 1.5**  
**Coverage of agricultural censuses and application of sampling for countries taking a census in the period 1986-95**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Coverage	Application of sampling
Slovenia	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Spain	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Switzerland	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
United Kingdom	93	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
<b>OCEANIA [13]</b>			
American Samoa	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Australia	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Cook Islands	88	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Fiji	91	Excluding urban areas, land 100% under forests, land 100% not suitable for agriculture	Sampling
French Polynesia	95	The census covered the entire country	Complete enumeration
Guam	87	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
New Caledonia	91	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
New Zealand	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Niue	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Northern Mariana Isl.	90	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enumeration
Palau	89	The census covered only 7 out of 13 rural states of Palau	Complete enumeration
Samoa	89	All holdings in the country, meeting the agricultural holding definition, were covered	Complete enum. + sampling
Vanuatu	93	Excluding some areas in Tanna, Pentecost, Sheperds and Epi Islands, and the area of Middle Bush Santo	Complete enum. + sampling

(1) From 1990 sampling method is applied.

**Table 3.1****Number and area of holdings and fragmentation**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Agricultural holdings			Parcels	
		Number	Area (Ha)	Average size (Ha)	Total number	Average number per holding
<b>TOTAL [90]</b>						
<b>AFRICA [20]</b>						
Benin	92	408 020	-	-	-	-
Botswana	93	101 434	322 200	3.2	-	-
Burkina Faso	93	886 638	3 472 480	3.9	8 491 204	9.6
Cape Verde	88	32 193	41 383	1.3	-	-
Congo, Dem. Rep. of	90	4 479 600	2 387 700	0.5	8 747 700	2.0
Djibouti	95	1 135	-	-	-	-
Egypt	90	3 475 502	3 297 281	0.9	5 764 298	1.7
Ethiopia	89/92	6 091 840	4 871 020	0.8	-	-
Guinea	95	442 168	895 620	2.0	-	-
Guinea Bissau	88	84 221	96 375	1.1	232 638	2.8
Lesotho	89/90	229 300	331 000	1.4	-	-
Libya	87	175 528	2 495 906	14.2	297 445	1.7
Malawi	93	1 561 416	1 167 240	0.7	2 738 607	1.8
Namibia	95	113 616	300 146	2.6	114 621	1.0
Reunion	89	15 198	67 154	4.4	-	-
Sao Tome & Principe	90	13 822	76 214	5.5	14 372	1.0
Swaziland	93	73 745	-	-	-	-
Tanzania	94/95	3 872 323	10 764 000	2.8	-	-
Uganda	91	1 704 721	3 683 288	2.2	2 725 222	1.6
Zambia	90	520 520	-	-	-	-
<b>NORTH AND CENTRAL AMERICA [16]</b>						
Bahamas	94	1 760	20 336	11.6	-	-
Barbados	89	17 178	21 560	1.3	-	-
Canada	91	280 043	67 753 700	241.9	-	-
Dominica	95	9 026	21 146	2.3	-	-
Grenada	95	18 277	14 164	0.8	-	-
Guadeloupe	89	16 530	53 559	3.2	-	-
Honduras	93	325 750	3 637 469	11.2	-	-
Martinique	89	16 038	50 192	3.1	-	-
Mexico	91	4 437 863	183 838 578	41.4	-	-
Panama	90	213 895	2 941 583	13.8	279 622	1.3
Puerto Rico	87	20 245	348 530	17.2	-	-
Saint Lucia	86	11 551	23 478	2.0	13 530	1.2
St. Kitts & Nevis	87	3 430	8 870	2.6	-	-
St. Vincent & Grenadines	86	8 860	12 017	1.4	-	-
U.S.A.	87	2 087 759	390 311 617	187.0	-	-
Virgin Islands (US)	87	267	7 197	27.0	-	-
<b>SOUTH AMERICA [7]</b>						
Argentina	88	378 357	177 437 398	469.0	-	-
Brazil	85	5 834 779	376 286 577	64.5	-	-
Colombia	88	1 547 846	36 033 713	23.3	-	-
French Guiana	89	4 491	41 553	9.3	-	-
Paraguay	91	307 221	23 817 737	77.5	-	-
Peru	94	1 756 141	35 381 809	20.1	5 721 113	3.3
Uruguay	90	54 819	15 681 804	286.1	-	-
<b>ASIA [14]</b>						
Cyprus	94	52 089	177 760	3.4	230 376	4.4
India	91	106 637 000	165 507 000	1.6	-	-
Indonesia	93	19 713 806	17 145 036	0.9	-	-
Iran	93	3 602 950	15 458 910	4.3	-	-
Israel	95	25 448	361 080	14.2	-	-
Japan	95	3 453 550	4 282 000	1.2	-	-
Korea, Rep. of	90	1 768 501	1 857 491	1.1	-	-

**Table 3.1****Number and area of holdings and fragmentation**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Agricultural holdings			Parcels	
		Number	Area (Ha)	Average size (Ha)	Total number	Average number per holding
Myanmar	93	2 924 898	6 886 956	2.4	6 132 867	2.1
Nepal	92	2 736 050	2 598 971	0.9	10 831 202	4.0
Pakistan	90	5 071 112	19 252 672	3.8	9 579 603	1.9
Philippines	91	4 610 041	9 974 871	2.2	-	-
Thailand	93	5 647 490	19 002 071	3.4	-	-
Turkey	91	4 068 432	23 451 099	5.8	21 601 272	5.3
Viet Nam	94	9 528 896	4 948 302	0.5	-	-
<b>EUROPE [20]</b>						
Albania	95	444 300	-	-	-	-
Austria	90	273 210	7 217 498	26.4	-	-
Belgium	90	87 180	1 400 364	16.1	-	-
Czechoslovakia (former)	90	1 245 889	12 790 007	10.3	-	-
Denmark	89	81 267	3 069 430	37.8	-	-
Finland	90	199 385	12 338 439	61.9	-	-
France	88	1 016 755	31 985 606	31.5	-	-
Germany	95	566 900	18 617 900	32.8	-	-
Greece	91	802 400	3 609 000	4.5	-	-
Ireland	91	170 578	4 441 755	26.0	-	-
Italy	90	3 023 344	22 702 356	7.5	9 680 202	3.2
Luxembourg	90	3 803	137 653	36.2	-	-
Netherlands	90	127 367	2 163 472	17.0	396 950	3.1
Norway	89	99 382	991 077	10.0	-	-
Poland	90	3 783 000	31 268 300	8.3	-	-
Portugal	89	598 742	5 316 161	8.9	-	-
Slovenia	91	156 549	912 013	5.8	500 000	3.2
Spain	89	2 284 944	42 939 208	18.8	18 433 605	8.1
Switzerland	90	108 296	1 283 240	11.8	758 072	7.0
United Kingdom	93	244 205	17 301 000	70.8	-	-
<b>OCEANIA [13]</b>						
American Samoa	90	384	2 349	6.1	-	-
Australia	90	129 540	466 561 000	3601.7	-	-
Cook Islands	88	2 188	2 604	1.2	6 399	2.9
Fiji	91	95 400	591 407	6.2	-	-
French Polynesia	95	6 223	30 484	4.9	-	-
Guam	87	351	5 315	15.1	-	-
New Caledonia	91	10 302	313 769	30.5	-	-
New Zealand	90	80 904	17 489 398	216.2	-	-
Niue	89	453	2 760	6.1	3 903	8.6
Northern Mariana Isl.	90	119	5 836	49.0	-	-
Palau	89	300	158	0.5	814	2.7
Samoa	89	11 099	67 375	6.1	33 796	3.0
Vanuatu	93	22 000	-	-	-	-

Table 3.2

## Number and area of holdings by tenure of holdings

Countries by continents. Number of reporting countries is given in square brackets.	Census year	All holdings		Holdings operated under one form of tenure						Holdings operated under more than one form of tenure		Holdings without land
		Number	Area (Ha)	Owned by the holder or in ownerlike possession		Rented from others		Under other single forms of tenure		Number	Area (Ha)	
				Number	Area (Ha)	Number	Area (Ha)	Number	Area (Ha)			
<b>TOTAL [23]</b>												
<b>AFRICA [2]</b>												
Djibouti	95	1 135	-									
Egypt	90	3 475 502	3 297 281	1 968 371	2 138 145	431 633	327 969	-	64	37 648	205 082	-
<b>NORTH AND CENTRAL AMERICA [6]</b>												
Bahamas (1)	94	1 760	20 336	452	5 820	354	8 455		954	6 061		27
Panama	90	213 895	2 941 583	61 235	1 007 264	3 014	36 025		134 544	1 343 757		-
Puerto Rico	87	20 245	348 530	15 693	188 459	1 433	47 321		465	23 385		-
St. Vincent & Grenadines	86	8 860	12 017	4 763	8 120	1 094	1 083		477	388		2 061
U.S.A.	87	2 087 759	390 311 617	1 238 547	128 605 281	240 200	51 342 597		-	-		-
Virgin Islands (US)	87	267	7 197	208	2 739	23	427		-	-		-
<b>SOUTH AMERICA [4]</b>												
Argentina	88	378 357	177 437 398	273 323	133 945 128	26 186	8 244 686		24 635	5 781 730		-
Colombia	88	1 547 846	36 033 713	1 201 914	30 638 340	86 140	921 364		109 394	3 187 978		92 478
Paraguay	91	307 221	23 817 737	156 805	20 799 240	22 126	376 452		76 330	922 664		7 962
Peru	94	1 756 141	35 381 809	1 108 966	30 987 955	40 738	301 505		465 394	3 168 409		10 368
<b>ASIA [6]</b>												
India	91	106 637 000	165 507 000	103 086 000	159 419 000	465 000	494 000		663 000	653 000		-
Nepal	92	2 736 050	2 598 971	2 258 764	2 110 960	49 114	36 149		17 924	7 139		9 480
Pakistan (2)	90	5 071 112	19 252 672	3 490 988	12 433 598	953 557	3 081 276		-	-		-
Philippines	91	4 610 041	9 974 871	1 999 979	4 855 059	1 051 976	1 775 752		35 570	117 977		-
Thailand	93	5 647 490	19 002 071	4 374 303	13 863 364	411 410	1 163 053		326 616	1 193 778		-
Turkey	91	4 068 432	23 451 099	3 901 389	23 227 689	46 636	135 815		16 937	80 185		101 610
<b>EUROPE [3]</b>												
Austria	90	273 210	7 217 498	155 266	-	10 297	-		-	-		-
Italy	90	3 023 344	22 702 356	2 660 024	16 666 285	95 045	1 208 337		-	-		5 591
Spain	89	2 284 944	42 939 208	1 824 069	27 822 437	87 689	2 100 757		20 869	2 860 970		20 776
<b>OCEANIA [2]</b>												
American Samoa	90	384	2 349	358	2 284	10	24		-	-		-
Northern Mariana Isl.	90	119	5 836	67	216	28	4 593		-	-		-

(1) Tenure of main parcel.

(2) Excluding 149 Government holdings with an area of 103 035 Ha.

**Table 3.3****Area of holdings by tenure of land operated**

<b>Countries by continents.</b> Number of reporting countries is given in square brackets.	<b>Census year</b>	<b>Total area of all holdings (Ha)</b>	<b>Area owned by the holder or in ownerlike possession (Ha)</b>	<b>Area rented from others (Ha)</b>	<b>Area operated under other tenure forms (Ha)</b>
<b>TOTAL [35]</b>					
<b>AFRICA [6]</b>					
Congo, Dem. Rep. of	90	2 387 700	470 500	64 000	1 853 200
Egypt	90	3 297 281	2 467 112	614 666	215 503
Guinea	89	727 544	94 638	89 401	543 505
Guinea Bissau	88	96 375	53 770	518	42 087
Reunion <sup>(1)</sup>	89	50 363	31 646	18 117	600
Uganda	91	3 683 288	485 013	-	3 198 275
<b>NORTH AND CENTRAL AMERICA [10]</b>					
Barbados <sup>(2)</sup>	89	19 861	15 119	1 498	3 244
Canada	91	67 753 700	42 961 352	24 792 348	-
Dominica	95	21 146	16 085	1 160	3 901
Grenada	95	14 164	12 344	1 659	161
Guadeloupe <sup>(1)</sup>	89	46 740	30 890	10 081	5 769
Honduras	93	3 637 469	3 083 727	88 168	465 574
Martinique <sup>(1)</sup>	89	37 173	24 286	8 363	4 524
Mexico <sup>(3)</sup>	91	108 346 084	103 779 709	2 608 653	1 957 722
Saint Lucia	86	23 478	19 463	1 927	2 088
St. Kitts & Nevis	87	8 870	7 276	685	909
<b>SOUTH AMERICA [2]</b>					
Brazil	85	376 286 577	330 718 923	19 355 434	26 212 220
French Guiana <sup>(1)</sup>	89	20 642	3 520	11 800	5 322
<b>ASIA [4]</b>					
Cyprus	94	177 760	119 706	58 054	-
India	91	165 507 000	162 955 000	1 276 000	1 276 000
Indonesia	93	17 145 036	14 832 907	2 312 129	-
Thailand	93	19 002 071	15 200 535	2 276 160	1 525 376
<b>EUROPE [8]</b>					
Belgium <sup>(1)</sup>	90	1 357 366	448 824	908 542	-
France <sup>(1)</sup>	88	28 595 799	12 866 128	15 729 671	-
Germany <sup>(1)</sup>	95	17 156 900	6 531 400	10 446 200	179 300
Greece <sup>(1)</sup>	95	3 578 200	2 637 700	898 500	42 000
Luxembourg <sup>(1)</sup>	90	126 298	63 275	62 434	589
Portugal <sup>(1)</sup>	89	4 005 594	2 761 911	1 050 917	192 766
Switzerland <sup>(4)</sup>	90	1 131 156	633 498	427 085	10 763
United Kingdom	93	17 301 000	11 261 000	6 040 000	-
<b>OCEANIA [5]</b>					
Fiji	91	591 407	93 365	294 972	203 070
French Polynesia <sup>(1)</sup>	95	18 534	11 251	5 451	1 832
Niue	89	2 760	2 489	125	146
Palau	89	158	125	20	13
Samoa	89	67 375	2 120	1 771	63 484

<sup>(1)</sup> Data refer to agricultural land.

<sup>(2)</sup> Area reported by tenure.

<sup>(3)</sup> Data refer to Rural Production Units only.

<sup>(4)</sup> Data refer to agricultural land, but excluding 59 810 Ha of communal grazing land (alpages).



**Table 3.4****Number and area of holdings by legal status of the holder**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	All holdings		Civil persons		Other	
		Number	Area (Ha)	Number	Area (Ha)	Number	Area (Ha)
<b>TOTAL [31]</b>							
<b>AFRICA [1]</b>							
Egypt	90	3 475 502	3 297 281	3 470 813	2 991 047	4 689	306 234
<b>NORTH AND CENTRAL AMERICA [10]</b>							
Bahamas	94	1 760	20 336	1 727	12 641	33	7 695
Barbados	89	17 178	21 560	17 054	6 404	124	15 156
Canada	91	280 043	67 753 700	255 719	-	24 324	-
Dominica <sup>(1)</sup>	95	9 026	21 146	8 374	-	60	-
Grenada <sup>(2)</sup>	95	18 277	14 164	11 764	-	107	-
Panama	90	213 895	2 941 583	211 556	2 329 566	2 339	612 017
Puerto Rico	87	20 245	348 530	18 302	269 069	1 943	79 461
Saint Lucia	86	11 551	23 478	11 476	-	75	-
St. Kitts & Nevis	87	3 430	8 870	3 351	-	79	-
U.S.A.	87	2 087 759	390 311 617	2 008 883	315 972 833	78 876	74 338 784
<b>SOUTH AMERICA [3]</b>							
Argentina	88	378 357	177 437 398	294 507	91 730 201	83 850	85 707 197
Paraguay	91	307 221	23 817 737	306 385	-	836	-
Peru <sup>(3)</sup>	94	1 756 141	35 381 809	1 688 411	13 946 705	57 362	21 435 104
<b>ASIA [6]</b>							
Cyprus	94	52 089	177 760	51 164	160 294	925	17 466
India	91	106 637 000	165 507 000	106 437 000	163 922 000	200 000	1 585 000
Iran	93	3 602 950	15 458 910	3 599 890	-	3 060	-
Japan	95	3 453 550	4 282 000	3 443 550	-	10 000	-
Thailand	93	5 647 490	19 002 071	5 644 708	18 826 413	2 782	175 658
Turkey	91	4 068 432	23 451 099	4 068 432	23 451 099	-	-
<b>EUROPE [8]</b>							
Austria	90	273 210	7 217 498	268 869	5 675 345	4 341	1 542 153
Belgium	90	87 180	1 400 364	86 072	-	1 108	-
Czechoslovakia (former) <sup>(4)</sup>	90	1 245 889	12 790 007	1 179 608	331 187	66 281	6 325 448
Finland	90	199 385	12 338 439	197 640	2 508 798	1 745	9 829 641
Italy	90	3 023 344	22 702 356	3 002 127	17 245 534	21 217	5 456 822
Portugal <sup>(5)</sup>	89	598 742	5 316 161	593 590	3 367 824	5 152	637 770
Spain	89	2 284 944	42 939 208	2 238 612	26 109 126	46 332	16 830 082
Switzerland	90	108 296	1 262 167	106 674	-	1 622	-
<b>OCEANIA [3]</b>							
Fiji	91	95 400	591 407	90 588	-	4 812	-
French Polynesia	95	6 223	30 484	6 143	-	80	-
Samoa	89	11 099	67 375	11 098	67 355	1	20

(1) Excluding 592 holdings without land.

(2) Data refer to holdings 0.05 Ha and over.

(3) Excluding 10 368 holdings without land.

(4) Data by legal status refer to 6 656 635 Ha of agricultural land.

(5) Data by legal status refer to agricultural land.

**Table 3.5****Members of holder's household and hired permanent workers**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Persons who are members of holder's household			Hired permanent workers	Average per holding	
			Total	Male	Female		Members of holder's household	Hired permanent workers
<b>TOTAL [55]</b>								
<b>AFRICA [16]</b>								
Benin	92	408 020	3 191 856	1 559 572	1 632 284	-	7.8	-
Botswana (1)	93	101 434	539 753	-	-	-	5.3	-
Burkina Faso	93	886 638	8 301 689	4 041 375	4 260 314	-	9.4	-
Cape Verde	88	32 193	172 363	81 762	90 601	-	5.4	-
Congo, Dem. Rep. of	90	4 479 600	25 982 500	13 144 600	12 837 900	-	5.8	-
Egypt	90	3 475 502	20 647 299	-	-	166 452	5.9	-
Ethiopia	89/92	6 091 840	31 570 040	-	-	26 224	5.2	-
Guinea	95	442 168	3 479 045	1 714 233	1 764 812	-	7.9	0.1
Guinea Bissau	88	84 221	706 168	353 117	353 051	-	8.4	-
Libya	87	175 528	1 433 955	-	-	-	8.2	-
Malawi	93	1 561 416	7 700 776	3 721 092	3 979 684	-	4.9	-
Namibia	95	113 616	854 149	-	-	-	7.5	-
Reunion	89	15 198	71 270	37 681	33 589	-	4.7	-
Sao Tome & Principe	90	13 822	35 072	18 213	16 859	-	2.5	-
Tanzania	94/95	3 872 323	21 020 227	10 674 310	10 345 917	-	5.4	-
Uganda	91	1 704 721	9 537 469	4 818 930	4 718 539	-	5.6	-
<b>NORTH AND CENTRAL AMERICA [10]</b>								
Bahamas	94	1 760	6 933	3 504	3 429	-	3.9	-
Barbados	89	17 178	65 766	32 398	33 368	7 672	3.8	0.4
Dominica	95	9 026	26 458	14 302	12 156	-	2.9	-
Grenada	95	18 277	43 400	19 964	23 436	-	2.4	-
Guadeloupe	89	16 530	62 310	33 532	28 778	3 718	3.8	0.2
Martinique	89	16 038	60 840	31 931	28 909	5 432	3.8	0.3
Mexico	91	4 437 863	-	-	-	427 337	-	0.1
Puerto Rico	87	20 245	-	-	-	13 283	-	0.7
Saint Lucia	86	11 551	-	-	-	4 963	-	0.4
St. Vincent & Grenadines	86	8 860	41 821	21 218	20 603	-	4.7	-
<b>SOUTH AMERICA [5]</b>								
Argentina	88	378 357	1 447 365	856 840	590 525	-	3.8	-
Colombia	88	1 547 846	6 521 346	3 455 125	3 066 221	-	4.2	-
French Guiana	89	4 491	18 781	9 819	8 962	613	4.2	0.1
Paraguay (2)	91	307 221	1 122 830	595 430	527 400	26 640	3.7	0.1
Peru	94	1 756 141	8 479 594	4 318 473	4 161 121	194 840	4.8	0.1

Table 3.5

## Members of holder's household and hired permanent workers

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Persons who are members of holder's household			Hired permanent workers	Average per holding	
			Total	Male	Female		Members of holder's household	Hired permanent workers
<b>ASIA [8]</b>								
Cyprus	94	52 089	-	-	-	2 923	-	0.1
Indonesia	93	19 713 806	29 637 430	21 241 874	8 395 556	-	1.5	-
Israel	95	25 448	229 022	-	-	-	9.0	-
Korea, Rep. of	90	1 768 501	6 661 322	3 278 764	3 382 558	-	3.8	-
Myanmar	93	2 924 898	15 876 566	7 906 835	7 969 731	382 772	5.4	0.1
Nepal	92	2 736 050	16 258 220	8 496 843	7 761 377	-	5.9	-
Pakistan	90	5 071 112	93 973 600	49 017 400	44 956 200	486 913	18.5	0.1
Thailand	93	5 647 490	23 972 524	11 912 444	12 060 080	-	4.2	-
<b>EUROPE [10]</b>								
Albania	95	444 300	2 433 700	-	-	-	5.5	-
Austria	90	273 210	1 056 978	539 860	517 118	21 258	3.9	0.1
Denmark	89	81 267	-	-	-	19 304	-	0.2
Finland	90	199 385	422 932	232 408	190 524	-	2.1	-
Germany	95	566 900	-	-	-	178 100	-	0.3
Greece	95	802 400	-	-	-	9 200	-	-
Italy	90	3 023 344	8 179 161	4 285 042	3 894 119	84 580	2.7	-
Luxembourg	90	3 803	14 593	7 673	6 920	595	3.8	0.2
Portugal	89	598 742	1 974 808	995 482	979 326	-	3.3	-
Slovenia	91	156 549	574 490	285 938	288 552	-	3.7	-
<b>OCEANIA [6]</b>								
Cook Islands	88	2 188	11 887	6 169	5 718	-	5.4	-
Fiji	91	95 400	469 797	248 732	221 065	-	4.9	-
French Polynesia	95	6 223	-	-	-	650	-	0.1
New Caledonia	91	10 302	47 824	25 413	22 411	891	4.6	0.1
Niue	89	453	446	392	54	-	1.0	-
Samoa	89	11 099	135 781	70 827	64 954	-	12.2	-

(1) Excluding Commercial Sector.

(2) Excluding 475 894 holder's household members under 10 years of age.

**Table 3.6**  
**Area (in hectares) of holdings classified by land use groups**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total area of country	Total area of holdings	Agricultural land				Wood or Forest land	All other land	
				total	Arable land	Land under permanent crops				Land under permanent meadows and pastures
						total	Land under permanent crops			
<b>TOTAL [80]</b>										
<b>AFRICA [14]</b>										
Botswana	93	58 173 000	322 200	278 617	-	278 617 (1)	-	-	43 583	
Burkina Faso	93	27 400 000	3 472 480	3 472 480 (1)	-	3 472 480 (1)	-	-	-	
Cape Verde	88	403 000	41 383	41 383 (1)	-	41 383 (1)	-	-	-	
Congo, Dem. Rep. of	90	234 486 000	2 387 700	2 387 700 (1)	-	2 387 700 (1)	-	-	-	
Egypt	90	100 145 000	3 297 281	3 075 052 (1)	2 716 947	3 075 052 (1)	358 105	2 324	219 905	
Ethiopia	89	110 076 000	4 871 020	4 871 020 (1)	4 612 510 (2)	4 871 020 (1)	258 510	-	-	
Guinea	89	24 586 000	727 544	727 544 (1)	-	727 544 (1)	-	-	-	
Guinea Bissau	88	3 612 000	96 375	96 375 (1)	-	96 375 (1)	-	-	-	
Lesotho	89/90	3 035 000	331 000	331 000 (1)	-	331 000 (1)	-	-	-	
Libya	87	175 954 000	2 495 906	1 527 020	880 092	1 234 503	354 411	292 517	968 886	
Reunion	89	251 000	67 154	49 415	37 910	2 206	9 299	6 174	11 565	
Sao Tome & Principe	89	96 000	76 214	41 367	2 110	41 367	39 257	-	34 847	
Tanzania	94/95	94 509 000	10 764 000	10 764 000 (1)	-	10 764 000 (1)	-	-	-	
Uganda	91	23 588 000	3 683 288	3 683 288 (1)	-	3 683 288 (1)	-	-	-	
<b>NORTH AND CENTRAL AMERICA [16]</b>										
Bahamas	94	1 388 000	20 336	13 986	7 838	11 757	3 919	2 229	601	
Barbados	89	43 000	21 560	18 906	16 453	16 978	525	1 928	2 516	
Canada	91	997 614 000	67 753 700	45 569 948	-	16 978	-	-	22 183 752	
Dominica	95	75 000	21 146	14 763	1 172	13 048	11 876	1 175	392	
Grenada	95	34 000	14 164	10 644	728	9 753	9 025	891	566	
Guadeloupe	89	171 000	53 559	46 740	22 312	30 507	8 195	16 233	4 303	
Honduras	93	11 209 000	3 637 469	2 430 490	503 371	867 993	364 622	1 562 497	75 231	
Martinique	89	110 000	50 192	37 173	8 222	18 112	9 890	19 061	8 534	
Mexico	91	195 820 000	108 346 084 (3)	98 337 044	499 311	31 104 451	155 113	67 232 593	1 215 974	
Panama	90	7 552 000	2 941 583	2 124 983	654 424	654 424	1 470 559	1 470 559	106 704	
Puerto Rico	87	890 000	348 530	259 128	-	97 414	-	161 714	22 935	
Saint Lucia	86	62 000	23 478	19 768	3 300	19 151	15 851	617	342	
St. Kitts & Nevis	87	36 000	8 870	7 430	4 802	5 806	1 004	1 624	474	
St. Vincent & Grenadines	88	39 000	12 017	10 116	3 615	10 116	6 501	-	417	
U.S.A.	87	980 943 000	390 311 617	345 462 550	-	179 406 456	-	166 056 094	12 516 563	
Virgin Islands (US)	87	34 000	7 197	6 187	-	768	-	5 419	267	
<b>SOUTH AMERICA [7]</b>										
Argentina	88	276 689 000	177 437 398	120 893 990	19 881 257	20 905 977	1 024 720	99 988 013	18 810 856	
Brazil	85	851 197 000	376 286 577	52 380 366 (4)	42 545 051	52 380 366	9 835 315	-	323 906 211	
Colombia	88	113 891 000	36 033 713	22 775 871	2 795 047	5 299 545	2 504 498	17 476 326	8 217 246	
French Guiana	89	9 000 000	41 553	20 642	9 172	11 880	2 708	8 762	20 814	
Paraguay	86	40 675 000	23 817 737	14 807 229	4 465 902	4 551 073	85 171	10 256 156	1 192 085	
Peru	94	128 522 000	35 381 809	22 383 447	4 582 432	5 476 977	884 545	16 906 470	3 944 657	
Uruguay	90	17 741 000	15 681 804	682 100	637 341	682 100	44 759	-	14 823 536	
<b>ASIA [13]</b>										
Cyprus	94	925 000	177 760	120 085	83 644	118 408	34 764	1 677	53 063	
India	91	328 759 000	165 507 000	152 659 000 (4)	-	152 659 000	-	-	12 848 000	

**Table 3.6**  
Area (in hectares) of holdings classified by land use groups

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total area of country	Total area of holdings	Agricultural land				Wood or Forest land	All other land
				total	Arable land	Land under permanent crops	Land under permanent meadows and pastures		
Iran	93	164 800 000	15 458 910 (4)	15 458 910	14 517 930	940 980	-	-	-
Israel	95	2 106 000	361 080	314 230	238 290	75 940	-	-	46 850
Japan	95	37 780 000	4 282 000 (4)	4 282 000	3 972 000	310 000	-	-	-
Korea, Rep. of	90	9 902 000	1 857 491 (5)	1 857 491	1 823 380	-	34 111	-	-
Myanmar	93	67 658 000	6 791 359 (6)	6 772 027 (4)	6 545 246	226 781	-	-	19 332
Nepal	92	14 080 000	2 598 971	2 390 648	2 324 330	29 386	-	108 845	99 478
Pakistan	90	79 610 000	19 252 672	15 631 547	4 172 540	-	130 943	304 380	3 316 745
Philippines	91	30 000 000	9 974 871	9 790 440	5 486 957	-	235 153	70 144	114 287
Thailand	93	51 312 000	19 002 071	18 052 980	14 756 321	3 061 506	-	281 633	667 458
Turkey	91	77 945 000	23 451 099	22 371 576	19 509 423	1 940 059	922 094	196 823	882 700
Viet Nam	94	32 836 000	4 948 302 (5)	4 948 303 (5)	4 234 788	690 366	23 148	-	-
<b>EUROPE [19]</b>									
Austria	90	8 385 000	7 217 498	3 406 082	-	-	1 903 359	3 061 962	749 454
Belgium	90	3 051 800	1 400 364	1 357 366	-	-	6 730	6 730	36 268
Czechoslovakia (former)	90	12 790 007	12 790 007	6 736 128	4 964 193	131 146	1 640 789	4 618 473	1 435 406
Denmark	89	4 309 000	3 069 430	2 774 127	-	-	219 084	-	295 303
Finland	90	33 813 000	12 338 439	2 666 452	-	-	122 260	7 151 684	2 520 303
France	88	55 150 000	31 985 606	28 595 799	18 381 713	1 180 625	10 214 086	2 188 206	1 201 601
Germany	95	35 691 000	18 617 900	17 156 900	11 987 500	201 400	5 169 400	1 461 000	-
Greece	95	13 199 000	3 609 000	3 578 200	1 971 200	1 023 100	583 900	30 800	-
Ireland	91	7 028 000	4 441 755 (5)	4 441 755	599 963	1 562	3 840 230	-	-
Italy	90	30 127 000	22 702 356	15 045 899	10 917 091	2 787 359	4 128 808	5 615 538	2 040 919
Luxembourg	90	258 600	137 653	126 298	57 471	1 440	68 827	10 272	1 083
Netherlands	89	3 733 000	2 163 472	1 873 733	795 822	-	1 077 911	-	289 739
Norway	89	32 390 000	991 077 (5)	991 077	871 392	5 779	113 906	-	-
Poland	90	31 268 000	31 268 000	18 719 800	14 659 600	271 800	4 060 200	8 754 000	3 794 200
Portugal	89	9 239 000	5 316 161	4 005 594	3 135 152	789 452	870 442	978 314	332 253
Slovenia	91	2 025 000	912 013	487 247	199 627	25 709	287 620	378 928	45 838
Spain	89	50 478 000	42 939 208	24 740 543	16 247 747	4 082 418	8 492 796	9 246 692	8 951 973
Switzerland	90	4 129 000	1 283 240	1 131 156	342 104 (1)	-	789 052	131 010	21 074
United Kingdom	93	24 488 000	17 301 000	15 947 000	6 127 000	-	9 820 000	-	1 354 000
<b>OCEANIA [11]</b>									
American Samoa	87	20 000	2 349	1 817	1 680	-	137	-	532
Australia	90	771 336 000	466 561 000	18 130 000 (1)	18 130 000 (1)	-	-	-	448 431 000
Fiji	91	1 827 000	591 407	424 685	251 279	184 122	173 406	112 697	54 025
French Polynesia	95	400 000	30 484	18 534	18 534 (5)	-	-	-	11 950
Guam	87	55 000	5 315	2 508	939	-	1 569	-	2 807
New Caledonia	91	1 858 000	313 769	228 969	15 039	6 008	213 930	33 191	51 609
New Zealand	90	27 099 000	17 489 398	13 945 269	455 441	-	13 489 828	1 304 240	2 239 889
Niue	89	26 000	2 760	635	635 (1)	-	-	-	2 125
Northern Mariana Islands	87	47 700	5 836	3 684	1 919	-	1 765	-	2 152
Palau	89	44 000	158	130	130 (1)	-	-	-	28
Samoa	89	284 000	67 375	52 236	52 236 (1)	-	-	-	15 139

(1) Data refer to land under crops.

(2) Data refer to land under temporary crops.

(3) Data refer to Rural Production Units only.

(4) Data refer to cropland.

(5) Data refer to agricultural land.

(6) Excluding 95 597 Ha belonging to "special holdings".

**Table 3.7****Wheat: number of holdings reporting and area**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Wheat			
			Holdings reporting		Area (Ha)	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [42]</b>						
<b>AFRICA [8]</b>						
Congo, Dem. rep. of	90	4 479 600	-	-	2 800	-
Egypt	90	3 475 502	2 054 680	59.1	968810	0.5
Ethiopia	89/92	6 091 840	-	-	497270	-
Lesotho	89/90	3 035 000	-	-	15 100	-
Libya	87	175 528	-	-	108 778	-
Malawi	93	1 561 416	-	-	1 110	-
Namibia	95	113 616	865	0.8	175	0.2
Zambia	90	520 520	1 791	0.3	15 577	8.7
<b>NORTH AND CENTRAL AMERICA [3]</b>						
Canada	91	280 043	105 805	37.8	14 163 143	133.9
Mexico	91	4 437 863	113 379	2.6	958 847	8.5
U.S.A.	87	2 087 759	352 237	16.9	21 539 291	61.1
<b>SOUTH AMERICA [2]</b>						
Argentina	88	378 357	45 881	12.1	3 963 695	86.4
Paraguay	91	307 221	3 939	1.3	153 837	39.1
<b>ASIA [8]</b>						
Cyprus	94	52 089	1 317	2.5	2 829	2.1
India	91	106 637 000	27 299 000	25.6	24 651 000	0.9
Iran	93	3 602 950	1 549 810	43.0	5 369 850	3.5
Japan	95	3 453 550	117 345	3.4	135 366	1.2
Myanmar	93	2 924 898	92 675	3.2	142 625	1.5
Nepal	92	2 736 050	1 636 465	59.8	633 074	0.4
Pakistan	90	5 071 112	4 182 820	82.5	8 168 657	2.0
Turkey	91	4 068 432	2 796 573	68.7	8 651 538	3.1
<b>EUROPE [19]</b>						
Albania	95	2 875 000	248 200	8.6	114 100	0.5
Austria	90	273 210	-	-	278 640	-
Belgium	90	87 180	29 553	33.9	205 050	6.9
Czechoslovakia (former)	90	1 245 889	-	-	1 238 887	-
Denmark	89	81 267	40 029	49.3	444 503	11.1
Finland	90	199 385	20 828	10.4	190 477	9.1
France <sup>(1)</sup>	88	1 016 755	439 148	43.2	4 667 531	10.6
Germany	95	566 900	260 000	45.9	2 567 200	9.9
Greece	95	802 400	129 900	16.2	756 000	5.8
Ireland	91	170 578	-	-	85 652	-
Italy	90	3 023 344	-	-	2 612 181	-
Luxembourg	90	3 803	-	-	8 625	-
Netherlands	90	127 367	14 747	11.6	139 628	9.5
Norway	89	99 382	5 779	5.8	38 248	6.6
Poland	90	3 783 000	-	-	2 280 700	-
Portugal	89	598 742	-	-	319 330	-
Spain	89	2 284 944	249 001	10.9	2 219 384	8.9
Switzerland	90	108 296	-	-	97 185	-
United Kingdom	93	244 205	44 384	18.2	1 759 000	39.6
<b>OCEANIA [2]</b>						
Australia	90	129 540	30 932	23.9	9 004 000	291.1
New Zealand	90	80 904	2 018	2.5	40 650	20.1

<sup>(1)</sup> Data on number of holdings reporting wheat refer to holdings reporting soft wheat.

**Table 3.8****Rice: number of holdings reporting and area****Countries by continents.**

Number of reporting countries is given in square brackets.

	Census year	Total number of holdings	Rice			
			Holdings reporting		Area (Ha)	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [32]</b>						
<b>AFRICA [9]</b>						
Benin	92	408 020	-	-	7 777	-
Burkina Faso	93	886 638	-	-	26 947	-
Congo, Dem. Rep. of	90	4 479 600	-	-	167 600	-
Egypt	90	3 475 502	807 240	23.2	506 735	0.6
Guinea	95	442 168	320 996	72.6	438 403	1.4
Guinea Bissau	88	84 221	-	-	43 821	-
Malawi	93	1 561 416	-	-	18 480	-
Tanzania	94/95	3 872 323	657 870	17.0	274 428	0.4
Zambia	90	520 520	21 309	4.1	15 383	0.7
<b>NORTH AND CENTRAL AMERICA [5]</b>						
Honduras	93	325 750	19 929	6.1	20 612	1.0
Mexico	91	4 437 863	21 480	0.5	96 608	4.5
Panama	90	213 895	65 977	30.8	109 320	1.7
Puerto Rico	87	20 245	-	-	352	-
U.S.A.	87	2 087 759	12 013	0.6	981 318	81.7
<b>SOUTH AMERICA [1]</b>						
Argentina	88	378 357	-	-	97 413	-
<b>ASIA [12]</b>						
India	91	106 637 000	49 473 000	46.4	43 602 000	0.9
Indonesia	93	19 713 806	10 972 358	55.7	-	-
Iran	93	3 602 950	462 100	12.8	458 680	1.0
Japan	95	3 453 550	2 300 678	66.6	1 959 427	0.9
Korea, Rep. of	90	1 768 501	1 505 549	85.1	1 186 232	0.8
Myanmar	93	2 924 898	1 858 944	63.6	4 226 426	2.3
Nepal <sup>(1)</sup>	92	2 736 050	1 906 935	69.7	1 481 256	0.8
Pakistan	90	5 071 112	1 354 766	26.7	2 420 562	1.8
Philippines	91	4 610 041	2 367 084	51.3	4 009 128	1.7
Thailand	93	5 647 490	4 156 106	73.6	10 786 592	2.6
Turkey	91	4 068 432	29 180	0.7	38 014	1.3
Viet Nam	94	9 528 896	-	-	4 948 302	-
<b>EUROPE [3]</b>						
Greece	95	802 400	7 100	0.9	28 000	3.9
Italy	90	3 023 344	7 657	0.3	205 918	26.9
Portugal	89	598 742	5 498	0.9	34 223	6.2
<b>OCEANIA [2]</b>						
Australia	90	129 540	1 303	1.0	105 000	80.6
Fiji	91	95 400	-	-	9 642	-

<sup>(1)</sup> Data on holdings reporting rice refer to holdings reporting main paddy.

**Table 3.9****Maize: number of holdings reporting and area**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Maize			
			Holdings reporting		Area (Ha)	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [62]</b>						
<b>AFRICA [15]</b>						
Benin	92	408 020	-	-	480 221	-
Botswana	93	101 434	43 258	42.6	23 384	0.5
Burkina Faso	93	886 638	-	-	282 153	-
Congo, Dem. Rep. of	90	4 479 600	-	-	397 000	-
Egypt	90	3 475 502	1 928 891	55.5	909920	0.5
Ethiopia	89/92	6 091 840	-	-	722 790	-
Guinea	95	442 168	-	-	81 938	-
Guinea Bissau	88	84 221	-	-	5 827	-
Lesotho	89/90	229 300	-	-	147 300	-
Malawi	93	1 561 416	-	-	912 800	-
Namibia	95	113 616	10 969	9.7	5 673	0.5
Swaziland	93	73 745	62 328	84.5	-	-
Tanzania	94/95	3 872 323	2 216 547	57.2	1 368 246	0.6
Uganda	91	1 704 721	-	-	267 484	-
Zambia	90	520 520	379 784	73.0	630 606	1.7
<b>NORTH AND CENTRAL AMERICA [12]</b>						
Bahamas	94	1 760	574	32.6	174	0.3
Barbados	89	17 178	-	-	96	-
Canada	91	280 043	27 819	9.9	2 732 235	98.2
Grenada	95	18 277	-	-	13	-
Honduras	93	325 750	268 152	82.3	358 334	1.3
Mexico	91	4 437 863	2 752 020	62.0	7 705 165	2.8
Panama	90	213 895	73 605	34.4	79 396	1.1
Puerto Rico	87	20 245	-	-	334	-
St. Kitts & Nevis	87	3 430	-	-	33	-
St. Vincent & Grenadines	86	8 860	719	8.1	93	0.1
U.S.A. <sup>(1)</sup>	87	2 087 759	627 602	30.1	26 097 189	41.6
Virgin Islands (US)	87	267	-	-	1	-
<b>SOUTH AMERICA [2]</b>						
Argentina	88	378 357	96 151	25.4	2 402 341	25.0
Paraguay	91	307 221	211 692	68.9	243 215	1.1
<b>ASIA [10]</b>						
India	91	106 637 000	12 474 000	11.7	5 991 000	0.5
Indonesia	93	19 713 806	6 177 424	31.3	-	0.0
Iran	93	3 602 950	31 150	0.9	53 730	1.7
Myanmar	93	2 924 898	181 922	6.2	177 580	1.0
Nepal <sup>(2)</sup>	92	2 736 050	1 716 993	62.8	768 743	0.4
Pakistan	90	5 071 112	1 067 098	21.0	823 993	0.8
Philippines	91	4 610 041	1 771 618	38.4	2 737 131	1.5
Thailand	93	5 647 490	428 471	7.6	112 057	0.3
Turkey	91	4 068 432	499 832	12.3	300 186	0.6
Viet Nam	94	9 528 896	-	-	534 700	-
<b>EUROPE [14]</b>						
Albania	95	444 300	340 000	76.5	99 600	0.3
Austria	90	273 210	-	-	305 621	-
Belgium	90	87 180	-	-	7 329	-
Czechoslovakia (former)	90	1 245 889	-	-	134 796	-
France <sup>(3)</sup>	88	1 016 755	257 833	25.4	3 464 737	13.4
Germany	95	566 900	45 100	8.0	319 000	7.1
Greece	95	802 400	97 900	12.2	153 500	1.6
Italy	90	3 023 344	473 195	15.7	877 728	1.9
Luxembourg	90	3 803	-	-	7 473	-
Netherlands	90	127 367	43 170	33.9	202 691	4.7
Poland	90	3 783 000	-	-	383 300	-
Spain	89	2 284 944	306 545	13.4	404 166	1.3
Switzerland	90	108 296	-	-	27 367	-
United Kingdom	93	244 205	-	-	72 900	-



**Table 3.9****Maize: number of holdings reporting and area**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Maize			
			Holdings reporting		Area (Ha)	
			Number	Percent of total	Total	Average per holding reporting
<b>OCEANIA [9]</b>						
American Samoa	90	384	-	-	2	-
Australia	90	129 540	1 229	0.9	52 000	42.3
Fiji	91	95 400	-	-	1 483	-
French Polynesia	95	6 223	41	0.7	7	0.2
Guam	87	351	-	-	12	-
New Zealand	90	80 904	951	1.2	17 556	18.5
Northern Mariana Isl.	90	119	-	-	2	-
Samoa	89	11 099	-	-	5	-
Vanuatu	93	22 000	16 284	74.0	-	-

(1) Data on holdings reporting maize refer to holdings reporting maize for grain.

(2) Data on holdings reporting maize refer to holdings reporting Summer Maize.

(3) Data on holdings reporting maize refer to holdings reporting maize for grain.

**Table 3.10****Number of holdings reporting and number of head of Cattle****Countries by continents.**

Number of reporting countries is given in square brackets.

	Census year	Total number of holdings	Cattle			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [88]</b>						
<b>AFRICA [19]</b>						
Botswana	93	101 434	54 349	53.6	1 820 400	33.5
Burkina Faso	93	886 638	266 270	30.0	2 507 317	9.4
Cape Verde	88	32 193	9 246	28.7	17 996	1.9
Congo, Dem. Rep. of	90	4 479 600	-	-	1 225 700	-
Djibouti	95	1 135	159	14.0	-	-
Ethiopia	89/92	6 091 840	-	-	22 032 800	-
Egypt	90	3 475 502	1 687 560	48.6	3 292 347	2.0
Guinea	95	442 168	197 048	44.6	2 157 704	11.0
Guinea Bissau	88	84 221	-	-	236 355	-
Lesotho	89/90	229 300	125 000	54.5	523 000	4.2
Libya	87	175 528	-	-	97 629	-
Malawi	93	1 561 416	-	-	1 197 856	-
Namibia	95	113 616	48 622	42.8	1 005 898	20.7
Reunion	89	15 198	3 069	20.2	18 601	6.1
Sao Tome & Principe	90	13 822	-	-	232	-
Swaziland	93	73 745	36 659	49.7	551 167	15.0
Tanzania	94/95	3 872 323	1 139 321	29.4	15 644 802	13.7
Uganda	91	1 704 721	341 075	20.0	3 356 609	9.8
Zambia	90	520 520	136 668	26.3	5 181 014	37.9
<b>NORTH AND CENTRAL AMERICA [16]</b>						
Bahamas	94	1 760	34	1.9	769	22.6
Barbados	89	17 178	-	-	12 587	-
Canada	91	280 043	145 747	52.0	12 972 038	89.0
Dominica	95	9 026	1 017	11.3	3 305	3.2
Grenada	95	18 277	1 800	9.8	4 400	2.4
Guadeloupe	89	16 530	10 135	61.3	65 302	6.4
Honduras	93	325 750	99 911	30.7	2 077 460	20.8
Martinique	89	16 038	7 420	46.3	35 467	4.8
Mexico	91	4 437 863	1 453 245	32.7	24 611 862	16.9
Panama	90	213 895	39 172	18.3	1 399 487	35.7
Puerto Rico	87	20 245	7 218	35.7	293 244	40.6
Saint Lucia	86	11 551	-	-	8 500	-
St. Kitts & Nevis	87	3 430	688	20.1	3 510	5.1
St. Vincent & Grenadines	86	8 860	1 650	18.6	4 368	2.6
U.S.A.	87	2 087 759	1 176 346	56.3	95 847 299	81.5
Virgin Islands (US)	87	267	95	35.6	5 078	53.5
<b>SOUTH AMERICA [7]</b>						
Argentina	88	378 357	249 984	66.1	47 075 156	188.3
Brazil	85	5 834 779	2 664 128	45.7	127 643 292	47.9
Colombia	88	1 547 846	-	-	18 759 688	-
French Guiana	89	4 491	341	7.6	15 662	45.9
Paraguay	91	307 221	229 478	74.7	7 626 617	33.2
Peru	94	1 756 141	846 829	48.2	4 495 263	5.3
Uruguay	90	54 819	-	-	8 137 067	-
<b>ASIA [14]</b>						
Cyprus	94	52 089	527	1.0	63 809	121.1
India	91	106 637 000	-	-	204 584 000	-
Indonesia	93	19 713 806	-	-	8 652 879	-
Iran	93	3 602 950	1 376 440	38.2	5 128 000	3.7
Israel	95	25 448	1 956	7.7	339 119	173.4
Japan	95	3 453 550	-	-	4 989 000	-
Korea, Rep. of	90	1 768 501	-	-	2 109 541	-
Myanmar	93	2 924 898	2 032 756	69.5	-	-
Nepal	92	2 736 050	2 067 141	75.6	7 359 326	3.6
Pakistan	90	5 071 112	4 039 765	79.7	14 717 837	3.6
Philippines	91	4 610 041	899 353	19.5	1 991 022	2.2
Thailand	93	5 647 490	1 263 431	22.4	8 336 874	6.6
Turkey	91	4 068 432	-	-	11 044 422	-
Viet Nam	94	9 528 896	-	-	3 266 129	-

**Table 3.10****Number of holdings reporting and number of head of Cattle****Countries by continents.**

Number of reporting countries is given in square brackets.

	Census year	Total number of holdings	Cattle			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>EUROPE [20]</b>						
Albania	95	444 300	374 700	84.3	862 700	2.3
Austria	90	273 210	139 951	51.2	2 538 766	18.1
Belgium	90	87 180	58 205	66.8	3 248 780	55.8
Czechoslovakia (former)	90	1 245 889	-	-	4 923 046	-
Denmark	89	81 267	37 130	45.7	2 221 485	59.8
Finland	90	199 385	-	-	1 359 705	-
France	88	1 016 755	503 659	49.5	21 217 251	42.1
Germany	95	566 900	287 100	50.6	15 731 000	54.8
Greece	95	802 400	40 100	5.0	520 200	13.0
Ireland	91	170 578	-	-	6 912 000	-
Italy	90	3 023 344	319 566	10.6	7 673 484	24.0
Luxembourg	90	3 803	-	-	217 451	-
Netherlands	90	127 367	66 380	52.1	4 771 641	71.9
Norway	89	99 382	37 584	37.8	949 369	25.3
Poland	90	3 783 000	2 667 015	70.5	10 048 929	3.8
Portugal	89	598 742	219 550	36.7	1 401 206	6.4
Slovenia	91	156 549	-	-	410 965	-
Spain	89	2 284 944	328 130	14.4	4 800 129	14.6
Switzerland	90	108 296	66 249	61.2	1 865 727	28.2
United Kingdom	93	244 205	136 708	56.0	11 751 000	86.0
<b>OCEANIA [12]</b>						
American Samoa	90	384	4	1.0	179	44.8
Australia	90	129 540	75 105	58.0	23 191 000	308.8
Cook Islands	88	2 188	-	-	246	-
Fiji	91	95 400	42 789	44.9	280 221	6.5
French Polynesia	95	6 223	305	4.9	8 037	26.4
Guam	87	351	56	16.0	317	5.7
New Caledonia	91	10 302	2 125	20.6	125 461	59.0
New Zealand	90	80 904	49 852	61.6	8 033 976	161.2
Niue	89	453	-	-	129	-
Northern Mariana Isl.	90	119	36	30.3	4 513	125.4
Samoa	89	11 099	-	-	13 431	-
Vanuatu	93	22 000	9 420	42.8	82 140	8.7

**Table 3.11****Number of holdings reporting and number of head of Buffaloes**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Buffaloes			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [13]</b>						
<b>AFRICA [2]</b>						
Egypt	90	3 475 502	2 022 834	58.2	3 540 072	1.8
Tanzania	94/95	3 872 323	-	-	7 911	-
<b>ASIA [10]</b>						
India	91	106 637 000	-	-	84 206 000	-
Indonesia	93	19 713 806	-	-	1 568 719	-
Iran	93	3 602 950	54 780	1.5	218 000	4.0
Myanmar	93	2 924 898	443 255	15.2	-	0.0
Nepal	92	2 736 050	1 307 832	47.8	3 116 316	2.4
Pakistan	90	5 071 112	4 261 480	84.0	14 547 424	3.4
Philippines	91	4 610 041	1 810 937	39.3	2 766 405	1.5
Thailand	93	5 647 490	1 425 152	25.2	4 709 304	3.3
Turkey	91	4 068 432	85 331	2.1	274 305	3.2
Viet Nam	94	9 528 896	-	-	2 872 365	-
<b>EUROPE [1]</b>						
Italy	90	3 023 344	2 134	0.1	85 575	40.1

**Table 3.12****Number of holdings reporting and number of head of Sheep**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Sheep			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [77]</b>						
<b>AFRICA [19]</b>						
Botswana	93	101 434	19 214	18.9	250 100	13.0
Burkina Faso	93	886 638	410 811	46.3	3 216 628	7.8
Cape Verde	88	32 193	1 611	5.0	4 193	2.6
Congo, Dem. Rep. of	90	4 479 600	-	-	2 185 200	-
Djibouti	95	1 135	223	19.6	-	-
Egypt	90	3 475 502	1 330 293	38.3	5 895 011	4.4
Ethiopia	89/92	6 091 840	-	-	9 529 010	-
Guinea	95	442 168	131 488	29.7	697 129	5.3
Guinea Bissau	88	84 221	-	-	90 608	-
Lesotho	89/90	229 300	196 900	85.9	1 377 000	7.0
Libya	87	175 528	-	-	1 172 201	-
Malawi	93	1 561 416	-	-	89 212	-
Namibia	95	113 616	7 359	6.5	158 042	21.5
Reunion	89	15 198	107	0.7	2 280	21.3
Sao Tome & Principe	90	13 822	-	-	1 172	-
Swaziland	93	73 745	2 027	2.7	24 161	11.9
Tanzania	94/95	3 872 323	521 892	13.5	3 493 033	6.7
Uganda	91	1 704 721	218 506	12.8	743 603	3.4
Zambia	90	520 520	11 380	2.2	83 108	7.3
<b>NORTH AND CENTRAL AMERICA [16]</b>						
Bahamas	94	1 760	227	12.9	6 269	27.6
Barbados	89	17 178	-	-	39 128	-
Canada	91	280 043	13 144	4.7	935 891	71.2
Dominica	95	9 026	939	10.4	3 323	3.5
Grenada	95	18 277	3 300	18.1	13 100	4.0
Guadeloupe	89	16 530	405	2.5	3 385	8.4
Honduras	93	325 750	816	0.3	13 145	16.1
Martinique	89	16 038	6 613	41.2	36 158	5.5
Mexico	91	4 437 863	420 827	9.5	4 010 610	9.5
Panama (1)	90	213 895	636	0.3	5 184	8.2
Puerto Rico	87	20 245	451	2.2	8 944	19.8
Saint Lucia	86	11 551	2 892	25.0	10 900	3.8
St. Kitts & Nevis	87	3 430	948	27.6	7 591	8.0
St. Vincent & Grenadines	86	8 860	2 817	31.8	10 587	3.8
U.S.A.	87	2 087 759	92 489	4.4	11 059 397	119.6
Virgin Islands (US)	87	267	54	20.2	3 134	58.0
<b>SOUTH AMERICA [6]</b>						
Argentina	88	378 357	83 581	22.1	22 408 681	268.1
Colombia	88	1 547 846	-	-	1 498 778	-
French Guiana	89	4 491	138	3.1	3 801	27.5
Paraguay	91	307 221	20 882	6.8	356 980	17.1
Peru	94	1 756 141	683 339	38.9	12 085 683	17.7
Uruguay	90	54 819	-	-	23 667 217	-
<b>ASIA [12]</b>						
Cyprus	94	52 089	2 218	4.3	218 597	98.6
India	91	106 637 000	-	-	50 783 000	-
Indonesia	93	19 713 806	-	-	1 970 054	-
Iran	93	3 602 950	1 193 770	33.1	37 420 000	31.3
Israel (1)	95	25 448	2 235	8.8	304 892	136.4
Japan	95	3 453 550	1 550	-	24 900	16.1
Korea, Rep. of	90	1 768 501	309	-	4 164	13.5
Myanmar	93	2 924 898	11 664	0.4	-	-
Nepal	92	2 736 050	92 748	3.4	602 802	6.5
Pakistan	90	5 071 112	1 151 455	22.7	18 027 930	15.7
Thailand	93	5 647 490	8 964	0.2	87 463	9.8
Turkey	91	4 068 432	1 017 380	25.0	39 910 027	39.2
<b>EUROPE [20]</b>						
Albania	95	444 300	199 000	44.8	2 209 000	11.1
Austria	90	273 210	20 996	7.7	260 996	12.4
Belgium	90	87 180	8 180	9.4	192 133	23.5

**Table 3.12****Number of holdings reporting and number of head of Sheep**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Sheep			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
Czechoslovakia (former)	90	1 245 889	-	-	1 030 132	-
Denmark	89	81 267	5 939	7.3	144 168	24.3
Finland	90	199 385	-	-	103 258	-
France	88	1 016 755	165 104	16.2	11 498 746	69.6
Germany	95	566 900	38 900	6.9	1 980 300	50.9
Greece	95	802 400	151 200	18.8	8 328 100	55.1
Ireland	91	170 578	-	-	8 888 200	-
Italy	90	3 023 344	163 160	5.4	8 739 253	53.6
Luxembourg	90	3 803	-	-	7 281	-
Netherlands	90	127 367	23 482	18.4	1 404 348	59.8
Norway	89	99 382	29 108	29.3	2 183 098	75.0
Poland	90	3 783 000	-	-	4 158 500	-
Portugal	89	598 742	101 289	16.9	2 926 278	28.9
Slovenia	91	156 549	-	-	28 137	-
Spain	89	2 284 944	147 228	6.4	17 576 632	119.4
Switzerland	90	108 296	19 805	18.3	403 645	20.4
United Kingdom	93	244 205	93 533	38.3	43 901 000	469.4
<b>OCEANIA [4]</b>						
Australia	90	129 540	63 716	49.2	170 297 000	2672.8
French Polynesia	95	6 223	23	0.4	722	31.4
New Caledonia	91	10 302	37	0.4	3 651	98.7
New Zealand	90	80 904	38 736	47.9	57 852 192	1493.5

(1) Data refer to sheep and goats.

**Table 3.13****Number of holdings reporting and number of head of Goats**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Goats			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [76]</b>						
<b>AFRICA [19]</b>						
Botswana	93	101 434	79 189	78.1	1 837 700	23.2
Burkina Faso	93	886 638	594 326	67.0	4 604 671	7.7
Cape Verde	88	32 193	22 667	70.4	95 338	4.2
Congo, Dem. Rep. of	90	4 479 600	-	-	10 036 700	-
Djibouti	95	1 135	275	24.2	-	-
Egypt	90	3 475 502	1 091 358	31.4	4 407 496	4.0
Ethiopia	89/92	6 091 840	-	-	5 095 170	-
Guinea	95	442 168	150 297	34.0	812 626	5.4
Guinea Bissau	88	84 221	-	-	222 352	-
Lesotho	89/90	229 300	60 100	26.2	994 000	16.5
Libya	87	175 528	-	-	4 364 546	-
Malawi	93	1 561 416	-	-	1 693 319	-
Namibia	95	113 616	64 771	57.0	1 391 373	21.5
Reunion	89	15 198	3 796	25.0	31 318	8.3
Sao Tome & Principe	90	13 822	-	-	22 905	-
Swaziland	93	73 745	23 355	31.7	332 232	14.2
Tanzania	94/95	3 872 323	1 262 365	32.6	10 682 406	8.5
Uganda	91	1 704 721	749 428	44.0	3 880 412	5.2
Zambia	90	520 520	113 758	21.9	1 013 159	8.9
<b>NORTH AND CENTRAL AMERICA [14]</b>						
Bahamas	94	1 760	271	15.4	13 580	50.1
Barbados	89	17 178	-	-	4 381	-
Dominica	95	9 026	1 968	21.8	10 918	5.5
Grenada	95	18 277	1 900	10.4	7 000	3.7
Guadeloupe	89	16 530	3 243	19.6	28 187	8.7
Honduras	93	325 750	5 889	1.8	27 077	4.6
Martinique	89	16 038	2 902	18.1	16 520	5.7
Mexico	91	4 437 863	493 384	11.1	6 882 767	14.0
Puerto Rico	87	20 245	1 589	7.8	22 959	14.4
Saint Lucia	86	11 551	1 658	14.4	6 600	4.0
St. Kitts & Nevis	87	3 430	831	24.2	6 107	7.3
St. Vincent & Grenadines	86	8 860	1 896	21.4	6 616	3.5
U.S.A.	87	2 087 759	45 032	2.2	2 246 587	49.9
Virgin Islands (US)	87	267	93	34.8	3 315	35.6
<b>SOUTH AMERICA [5]</b>						
Argentina	88	378 357	50 152	13.3	3 710 065	74.0
Colombia	88	1 547 846	-	-	1 233 887	-
French Guiana	89	4 491	62	1.4	1 317	21.2
Paraguay	91	307 221	-	-	-	-
Peru	94	1 756 141	209 991	12.0	2 080 997	9.9
<b>ASIA [13]</b>						
Cyprus	94	52 089	3 979	7.6	191 222	48.1
India	91	106 637 000	-	-	115 279 000	-
Indonesia	93	19 713 806	-	-	4 605 952	-
Iran	93	3 602 950	1 080 070	30.0	18 923 000	17.5
Israel (1)	95	25 448	2 235	8.8	304 892	136.4
Japan	95	3 453 550	7 120	0.2	31 000	4.4
Korea, Rep. of	90	1 768 501	87 299	4.9	325 474	3.7
Myanmar	93	2 924 898	79 894	2.7	820 859	10.3
Nepal	92	2 736 050	1 382 786	50.5	5 515 540	4.0
Pakistan	90	5 071 112	4 283 977	84.5	30 078 854	7.0
Philippines	91	4 610 041	867 999	18.8	2 402 993	2.8
Thailand	93	5 647 490	26 269	0.5	118 319	4.5
Turkey	91	4 068 432	-	-	10 298 314	-
<b>EUROPE [16]</b>						
Albania	95	444 300	145 000	32.6	1 441 000	9.9
Austria	90	273 210	9 562	3.5	26 799	2.8
Belgium	90	87 180	1 064	1.2	9 111	8.6
Czechoslovakia (former)	90	1 245 889	-	-	51 789	-
Finland	90	199 385	-	-	5 871	-

**Table 3.13****Number of holdings reporting and number of head of Goats****Countries by continents.**

Number of reporting countries is given in square brackets.

	Census year	Total number of holdings	Goats			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
France	88	1 016 755	60 933	6.0	888 654	14.6
Greece	95	802 400	174 400	21.7	5 009 100	28.7
Ireland	91	170 578	-	-	17 400	-
Italy	90	3 023 344	91 289	3.0	1 258 962	13.8
Luxembourg	90	3 803	-	-	506	-
Netherlands	90	127 367	2 240	1.8	42 429	18.9
Norway <sup>(2)</sup>	89	99 382	1 474	1.5	67 691	45.9
Portugal	89	598 742	94 003	15.7	720 522	7.7
Spain	89	2 284 944	112 768	4.9	2 553 748	22.6
Switzerland	90	108 296	10 173	9.4	68 124	6.7
United Kingdom	93	244 205	-	-	97 000	-
<b>OCEANIA [9]</b>						
Australia	90	129 540	2 799	2.2	560 400	200.2
Cook Islands	88	2 188	-	-	5 470	-
Fiji	91	95 400	24 027	25.2	187 235	7.8
French Polynesia	95	6 223	439	7.1	27 286	62.2
Guam	87	351	63	17.9	851	13.5
New Caledonia	91	10 302	857	8.3	16 498	19.3
New Zealand	90	80 904	7 917	9.8	1 062 900	134.3
Northern Mariana Isl.	90	119	21	17.6	482	23.0
Samoa	89	11 099	-	-	1 094	-

<sup>(1)</sup> Data refer to sheep and goats.<sup>(2)</sup> Data on goats refer to goats 1 year of age and over.



**Table 3.14****Number of holdings reporting and number of head of Pigs**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Pigs			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [79]</b>						
<b>AFRICA [15]</b>						
Burkina Faso	93	886 638	-	-	718 298	-
Cape Verde	88	32 193	26 153	81.2	57 977	2.2
Congo, Dem. Rep. of	90	4 479 600	-	-	3 230 500	-
Egypt	90	3 475 502	510	-	8 112	15.9
Guinea	95	442 168	5 214	1.2	37 415	7.2
Guinea Bissau	88	84 221	-	-	120 170	-
Lesotho	89/90	229 300	-	-	66 500	-
Malawi	93	1 561 416	-	-	397 599	-
Namibia	95	113 616	32 702	28.8	66 062	2.0
Reunion	89	15 198	5 662	37.3	70 921	12.5
Sao Tome & Principe	90	13 822	-	-	34 324	-
Swaziland	93	73 745	12 487	16.9	42 443	3.4
Tanzania	94/95	3 872 323	-	-	434 638	-
Uganda	91	1 704 721	255 795	15.0	671 712	2.6
Zambia	90	520 520	88 511	17.0	507 140	5.7
<b>NORTH AND CENTRAL AMERICA [16]</b>						
Bahamas	94	1 760	122	6.9	4 777	39.2
Barbados	89	17 178	-	-	28 897	-
Canada	91	280 043	29 592	10.6	10 216 083	345.2
Dominica	95	9 026	1 117	12.4	3 858	3.5
Grenada	95	18 277	1 100	6.0	5 300	4.8
Guadeloupe	89	16 530	6 625	40.1	28 658	4.3
Honduras	93	325 750	100 376	30.8	479 434	4.8
Martinique	89	16 038	6 991	43.6	21 185	3.0
Mexico	91	4 437 863	1 962 892	44.2	10 581 242	5.4
Panama	90	213 895	39 345	18.4	256 361	6.5
Puerto Rico	87	20 245	4 700	23.2	141 031	30.0
Saint Lucia	86	11 551	-	-	7 500	-
St. Kitts & Nevis	87	3 430	1 323	38.6	3 694	2.8
St. Vincent & Grenadines	86	8 860	654	7.4	1 851	2.8
U.S.A.	87	2 087 759	243 398	11.7	52 271 120	214.8
Virgin Islands (US)	87	267	62	23.2	2 536	40.9
<b>SOUTH AMERICA [6]</b>						
Argentina	88	378 357	100 972	26.7	3 341 652	33.1
Brazil	85	5 834 779	2 714 477	46.5	30 067 116	11.1
Colombia	88	1 547 846	-	-	2 068 849	-
French Guiana	89	4 491	298	6.6	9 162	30.7
Paraguay	91	307 221	210 413	68.5	1 003 880	4.8
Peru	94	1 756 141	648 460	36.9	2 186 867	3.4
<b>ASIA [10]</b>						
Cyprus	94	52 089	730	1.4	354 914	486.2
India	91	106 637 000	-	-	12 788 000	-
Indonesia	93	19 713 806	-	-	4 036 002	-
Japan	95	3 453 550	22 100	0.6	10 621 000	480.6
Korea, Rep. of	90	1 768 501	139 684	7.9	4 490 952	32.2
Myanmar	93	2 924 898	650 890	22.3	1 354 664	2.1
Nepal	92	2 736 050	267 465	9.8	495 798	1.9
Philippines	91	4 610 041	2 551 789	55.4	7 478 577	2.9
Thailand	93	5 647 490	590 616	10.5	6 185 953	10.5
Viet Nam	94	9 528 896	-	-	15 701 444	-
<b>EUROPE [20]</b>						
Albania	95	444 300	90 000	20.3	164 500	1.8
Austria	90	273 210	139 033	50.9	3 704 196	26.6
Belgium	90	87 180	20 189	23.2	6 700 422	331.9
Czechoslovakia (former)	90	1 245 889	-	-	7 089 828	-
Denmark	89	81 267	31 205	38.4	9 189 981	294.5
Finland	90	199 385	-	-	1 381 442	-
France	88	1 016 755	170 339	16.8	12 212 554	71.7
Germany	95	566 900	206 400	36.4	24 297 500	117.7
Greece	95	802 400	33 700	4.2	847 600	25.2

**Table 3.14****Number of holdings reporting and number of head of Pigs****Countries by continents.**

Number of reporting countries is given in square brackets.

	Census year	Total number of holdings	Pigs			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
Ireland	91	170 578	-	-	1 303 700	-
Italy	90	3 023 344	357 381	11.8	8 406 521	23.5
Luxembourg	90	3 803	-	-	75 463	-
Netherlands	90	127 367	-	-	13 729 209	-
Norway	89	99 382	8 272	8.3	656 695	79.4
Poland	90	3 783 000	2 371 941	62.7	19 464 225	8.2
Portugal	89	598 742	238 729	39.9	2 439 199	10.2
Slovenia	91	156 549	-	-	265 752	-
Spain	89	2 284 944	376 357	16.5	11 955 303	31.8
Switzerland	90	108 296	25 896	23.9	1 788 541	69.1
United Kingdom	93	244 205	16 620	6.8	7 756 000	466.7
<b>OCEANIA [12]</b>						
American Samoa	90	384	263	68.5	7 580	28.8
Australia	90	129 540	6 847	5.3	2 648 000	386.7
Cook Islands	88	2 188	-	-	16 459	-
Fiji <sup>(1)</sup>	91	95 400	14 609	15.3	90 850	6.2
French Polynesia	95	6 223	1 689	27.1	33 644	19.9
Guam	87	351	195	55.6	2 627	13.5
New Caledonia	91	10 302	4 261	41.4	38 252	9.0
New Zealand	90	80 904	4 509	5.6	394 701	87.5
Niue	89	453	315	69.5	1 527	4.8
Northern Mariana Isl.	90	119	66	55.5	1 260	19.1
Palau	89	300	131	43.7	1 527	11.7
Samoa	89	11 099	-	-	189 813	-

<sup>(1)</sup> Excluding commercial farms.

**Table 3.15****Number of holdings reporting and number of head of Horses**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Horses			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [53]</b>						
<b>AFRICA [10]</b>						
Botswana	93	101 434	8 624	8.5	31 400	3.6
Cape Verde	88	32 193	-	-	299	-
Egypt	90	3 475 502	35 094	1.0	40 668	1.2
Ethiopia	89/92	6 091 840	-	-	1 030 590	-
Guinea Bissau	88	84 221	-	-	550	-
Lesotho	89/90	229 300	-	-	103 800	-
Namibia	95	113 616	5 687	5.0	19 886	3.5
Sao Tome & Principe <sup>(1)</sup>	90	13 822	-	-	8	-
Swaziland	93	73 745	346	0.5	1 362	3.9
Tanzania <sup>(1)</sup>	94/95	3 872 323	-	-	419 314	-
<b>NORTH AND CENTRAL AMERICA [8]</b>						
Bahamas <sup>(2)</sup>	94	1 760	14	0.8	-	-
Canada	91	280 043	58 509	20.9	356 204	6.1
Honduras	93	325 750	107 198	32.9	232 492	2.2
Mexico	91	4 437 863	1 165 124	26.3	2 904 594	2.5
Panama	90	213 895	51 972	24.3	155 506	3.0
Puerto Rico	87	20 245	2 215	10.9	9 606	4.3
U.S.A.	87	2 087 759	415 565	19.9	2 456 951	5.9
Virgin Islands (US)	87	267	28	10.5	224	8.0
<b>SOUTH AMERICA [3]</b>						
Argentina	88	378 357	235 867	62.3	1 994 241	8.5
Paraguay	91	307 221	93 846	30.5	319 921	3.4
Peru <sup>(2)</sup>	94	1 756 141	692 596	39.4	2 175 730	3.1
<b>ASIA [7]</b>						
Cyprus	94	52 089	151	0.3	950	6.3
India	91	106 637 000	-	-	817 000	-
Indonesia	93	19 713 806	-	-	275 415	-
Iran	93	3 602 950	-	-	133 076	-
Japan	95	3 453 550	4 850	0.1	28 000	5.8
Nepal	92	2 736 050	9 034	0.3	14 311	1.6
Pakistan	90	5 071 112	210 305	4.1	268 017	1.3
<b>EUROPE [15]</b>						
Albania <sup>(2)</sup>	95	444 300	224 500	50.5	242 600	1.1
Belgium	90	87 180	-	-	7 900	-
Czechoslovakia (former)	90	1 245 889	-	-	38 862	-
Denmark	89	81 267	9 442	11.6	35 446	3.8
Finland	90	199 385	-	-	3 164	-
France <sup>(2)</sup>	88	1 016 755	79 869	7.9	331 476	4.2
Germany <sup>(2)</sup>	95	566 900	74 400	13.1	391 700	5.3
Greece <sup>(2)</sup>	95	802 400	55 800	7.0	71 400	1.3
Ireland	91	170 578	-	-	63 100	-
Italy <sup>(2)</sup>	90	3 023 344	72 193	2.4	225 673	3.1
Luxembourg	90	3 803	-	-	407	-
Netherlands	90	127 367	18 690	14.7	66 674	3.6
Portugal	89	598 742	20 643	3.4	36 246	1.8
Slovenia	91	156 549	-	-	10 500	-
Switzerland	90	108 296	13 159	12.2	42 317	3.2
<b>OCEANIA [10]</b>						
American Samoa <sup>(2)</sup>	90	384	2	0.5	-	-
Australia	90	129 540	33 137	25.6	310 400	9.4
Cook Islands	88	2 188	-	-	355	-
Fiji <sup>(3)</sup>	91	95 400	18 766	19.7	36 570	1.9
French Polynesia	95	6 223	455	7.3	2 527	5.6
Guam	87	351	10	2.8	21	2.1
New Caledonia	91	10 302	1 992	19.3	11 425	5.7
New Zealand	90	80 904	15 864	19.6	93 980	5.9
Northern Mariana Isl. <sup>(2)</sup>	90	119	2	1.7	-	-
Samoa	89	11 099	-	-	3 114	-

(1) Data on horses include asses.

(2) Data on horses include mules and asses.

(3) Excluding commercial farms.

**Table 3.16****Number of holdings reporting and number of head of Chickens**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Chickens			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
<b>TOTAL [74]</b>						
<b>AFRICA [15]</b>						
Botswana	93	101 434	65 142	64.2	1 077 100	16.5
Burkina Faso <sup>(1)</sup>	93	886 638	-	-	12 727 886	-
Cape Verde	88	32 193	26 721	83.0	172 379	6.5
Djibouti <sup>(1)</sup>	95	1 135	30	2.6	-	-
Egypt	90	3 475 502	2 872 580	82.7	78 255 296	27.2
Ethiopia <sup>(1)</sup>	89/92	6 091 840	-	-	17 878 050	-
Libya	87	175 528	-	-	7 578 367	-
Malawi	93	1 561 416	-	-	4 927 907	-
Namibia <sup>(1)</sup>	95	113 616	90 634	79.8	800 158	8.8
Reunion	89	15 198	6 898	45.4	209 744	30.4
Sao Tome & Principe	90	13 822	-	-	103 441	-
Swaziland	93	73 745	61 386	83.2	704 324	11.5
Tanzania	94/95	3 872 323	-	-	27 065 384	-
Uganda	91	1 704 721	1 147 791	67.3	11 442 120	10.0
Zambia	90	520 520	428 991	82.4	12 680 150	29.6
<b>NORTH AND CENTRAL AMERICA [14]</b>						
Barbados	89	17 178	-	-	3 642 506	-
Canada	91	280 043	42 661	15.2	94 872 875	2223.9
Dominica <sup>(1)</sup>	95	9 026	2 212	24.5	66 522	30.1
Grenada	95	18 277	3 600	19.7	81 700	22.7
Guadeloupe	89	16 530	-	-	319 930	-
Honduras <sup>(1)</sup>	93	325 750	244 319	75.0	11 696 636	47.9
Martinique	89	16 038	-	-	255 591	-
Mexico	91	4 437 863	3 362 919	75.8	232 560 043	69.2
Panama	90	213 895	156 948	73.4	9 387 125	59.8
Puerto Rico	87	20 245	-	-	7 966 972	-
Saint Lucia <sup>(1)</sup>	86	11 551	-	-	52 800	-
St. Vincent & Grenadines	86	8 860	-	-	42 086	-
U.S.A.	87	2 087 759	144 438	6.9	375 577 186	2600.3
Virgin Islands (US)	87	267	65	24.3	5 326	81.9
<b>SOUTH AMERICA [3]</b>						
French Guiana	89	4 491	-	-	182 211	-
Paraguay	91	307 221	273 193	88.9	11 233 769	41.1
Peru	94	1 756 141	-	-	69 835 162	-
<b>ASIA [11]</b>						
Cyprus	94	52 089	11 237	21.6	3 705 545	329.8
Indonesia	93	19 713 806	-	-	102 913 110	-
Iran	93	3 602 950	2 446 730	67.9	23 529 000	9.6
Israel	95	25 448	-	-	109 819	-
Japan <sup>(2)</sup>	95	3 453 550	7 860	0.2	145 950 700	18568.8
Korea, Rep. of	90	1 768 501	131 990	7.5	77 228 511	585.1
Myanmar	93	2 924 898	1 311 021	44.8	16 863 846	12.9
Nepal	92	2 736 050	1 400 435	51.2	12 333 139	8.8
Philippines	91	4 610 041	3 627 762	78.7	87 297 919	24.1
Thailand	88	4 877 424	3 249 177	66.6	95 172 590	29.3
Viet Nam	94	9 528 896	-	-	92 872 329	-
<b>EUROPE [20]</b>						
Albania <sup>(1)</sup>	95	444 300	393 400	88.5	4 329 300	11.0
Austria	90	273 210	-	-	12 218 046	-
Belgium	90	87 180	-	-	26 757 719	-
Czechoslovakia (former)	90	1 245 889	-	-	47 983 495	-
Denmark	89	81 267	13 858	17.1	16 266 298	1173.8
Finland	90	199 385	-	-	9 520 018	-
France	88	1 016 755	-	-	130 830 722	-
Germany <sup>(1)</sup>	95	566 900	187 900	33.1	96 000 000	510.9
Greece <sup>(1)</sup>	95	802 400	416 900	52.0	27 090 000	65.0
Ireland <sup>(1)</sup>	91	170 578	-	-	12 052 800	-
Italy	90	3 023 344	-	-	142 100 216	-
Luxembourg	90	3 803	-	-	69 021	-

**Table 3.16****Number of holdings reporting and number of head of Chickens**

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Total number of holdings	Chickens			
			Holdings reporting		Number of head	
			Number	Percent of total	Total	Average per holding reporting
Netherlands	90	127 367	-	-	89 777 520	-
Norway	89	99 382	-	-	7 878 359	-
Poland	90	3 783 000	-	-	44 791 049	-
Portugal	89	598 742	415 852	69.5	31 152 651	74.9
Spain	89	2 284 944	-	-	109 972 000	-
Slovenia <sup>(1)</sup>	91	156 549	-	-	1 612 154	-
Switzerland	90	108 296	38 785	35.8	6 529 817	168.4
United Kingdom	93	244 205	-	-	130 175 000	-
<b>OCEANIA [11]</b>						
American Samoa	90	384	173	45.1	27 401	158.4
Australia	90	129 540	1 097	0.8	59 956 000	54654.5
Cook Islands	88	2 188	-	-	44 687	-
Fiji	91	95 400	64 788	67.9	781 173	12.1
French Polynesia	95	6 223	-	-	293 142	-
Guam	87	351	-	-	60 494	-
New Caledonia	91	10 302	-	-	344 920	-
New Zealand	90	80 904	365	0.5	3 360 809	9207.7
Northern Mariana Isl.	90	119	63	52.9	9 580	152.1
Palau	89	300	131	43.7	1 527	11.7
Samoa	89	11 099	-	-	309 979	-

<sup>(1)</sup> Data refer to poultry in general.

<sup>(2)</sup> Data refer to broilers.

Table 4.1 Number and area (in hectares) of holdings classified by size <sup>(1)</sup>

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1000 Ha	1000 Ha and over
<b>TOTAL [75]</b>															
<b>AFRICA [14]</b>															
Burkina Faso	1993	Cultivated area	Total number of holdings	866 638	114 377	172 894	355 295	185 194	47 878						
		Cultivated area	Cultivated area	3 472 460	62 304	256 963	1 201 476	1 274 404	677 133						
Congo, Dem. Rep. of	1990	Cultivated area	Total number of holdings	4 459 500	3 862 000	466 000	334 800								
		Total area	Total number of holdings	2 367 700	1 300 400	552 500									
Djibouti	1995	Total area	Total number of holdings	1 135	191										
Egypt	1990	Total area	Total number of holdings	3 475 502	2 579 426	579 415	243 402	48 318	18 157	6 784					
		Total area	Total area	3 297 281	810 298	755 564	632 860	314 329	236 968	517 262					
Ethiopia	1989/92	Total area	Total number of holdings	6 091 840	4 392 500	1 227 640	452 670	18 040	990						
		Total area	Land under crops	4 871 020	1 736 800	1 715 800	1 077 000	11 940							
Guinea	1995	Cultivated area	Total number of holdings	442 168	150 950	137 247	123 732	30 239							
		Total area	Total area	895 620	87 884	200 059	375 193	232 484							
Guinea Bissau	1988	Total area	Total number of holdings	84 221	59 120	14 809	8 531	1 590	171						
		Total area	Total number of holdings	229 300	107 400	67 000	46 800	8 100							
Lesotho	1989/90	Total area	Total number of holdings	175 528	25 213	17 654	43 904	40 406	28 285	15 987	3 393	686			
Libya	1987	Total area	Total number of holdings	1 561 416	270 326		78 123								
Malawi	1993	Cultivated area	Total number of holdings	113 616	24 752	23 618	54 307	10 069	700	120					
		Arable area	Arable area	300 146	8 742	35 534	173 121	65 454	8 693	3 648	4 954				
Namibia	1995	Arable area	Number of holdings	13 755	3 970	3 082	4 198	1 896	414	195					
Reunion	1989	Agricultural area	Agricultural area	50 363	1 613	4 441	12 664	11 972	5 284	14 711					
Uganda	1991	Total area	Total number of holdings	1 704 721	839 369	411 810	296 560	97 013	59 969						
		Total area	Total area	3 683 288	404 609	581 608	913 153	671 031	1 112 887	2 052					
Zambia	1990	Total area	Total number of holdings	520 520			479 717	29 950	8 801						
<b>NORTH AND CENTRAL AMERICA [15]</b>															
Bahamas	1994	Total area	Total number of holdings	1 760	639	437	360	140	78	50	56				
		Total area	Total area	20 336	290	534	1 025	872	1 456	1 456	15 143				
Barbados	1989	Total area	Total number of holdings	17 176	16 315	485	190	294	27	23	33				
		Total area	Total area	21 560	2 146	680	552	294	366	669	1 838	9 605	650		
Canada	1991	Total area	Total number of holdings	280 043		6 911	9 250	10 039	14 030	38 329	55 843	51 621	58 577	35 443	
Dominica	1995	Total area	Total number of holdings	9 026	4 800	1 922	1 654	443	89	69	30	14	5		
		Total area	Total area	21 146	1 783	3 196	4 618	2 942	1 181	2 119	2 112	1 902	1 293		
Grenada	1995	Total area	Total number of holdings	18 277	15 534	1 372	2 791	243	74	76					
		Total area	Number of holdings	14 164	2 583	1 950	2 791	1 598	980	4 262					
Guadeloupe	1989	Agricultural area	Number of holdings	16 272	5 043	4 441	5 204	1 163	272	149					
		Agricultural area	Agricultural area	46 740	2 409	5 926	15 393	7 539	3 489	11 984					
Honduras	1993	Total area	Total number of holdings	325 750			178 250	52 770	38 770	55 960					
		Total area	Total area	3 637 469			280 531	249 098	369 364	2 738 476					
Martinique	1989	Agricultural area	Number of holdings	15 460	9 830	2 086	2 427	634	252	231					
		Agricultural area	Total area	37 173	3 181	2 931	7 286	4 212	3 346	16 217					
Panama	1990	Total area	Total number of holdings	213 895	99 905	24 345	28 698	16 172	15 232	16 363	8 115	3 251	1 460	231	103
		Total area	Total area	2 944 583	15 162	27 584	103 986	196 241	486 161	1 688	522 322	412 164	396 453	150 171	551 535
Puerto Rico	1987	Total area	Total number of holdings	20 245			11 291	3 520	2 418	674	674	654			
		Total area	Total area	348 530			20 138	23 879	32 128	51 600	45 777	175 005	13		
Saint Lucia	1986	Total area	Total number of holdings	11 551	9 835	562	611	360	100	42	16	12			
		Total area	Total area	23 478	5 388	1 315	2 184	2 375	1 319	1 242	1 099	1 479	7 077		
St. Kitts & Nevis	1987	Total area	Total number of holdings	3 269		3 148	87	11	23						
St. Vincent & Grenadines	1986	Total area	Total number of holdings	8 860	6 949	974	733	119	35	23	14	4	9		
		Total area	Total area	12 017	1 781	1 288	1 874	157 220	212 970	429 141	384 448	308 593	243 667	129 643	
U.S.A.	1987	Total area	Total number of holdings	390 311			222 077	1 094 014	14 100 562	27 393 780	43 556 049	73 764 941	226 818 480		
Virgin Islands (US)	1987	Total area	Total number of holdings	267		113	48	68	7	19	5	7	2		
		Total area	Total area	7 197		94	180	202	363	600	494	766	4 498		

Table 4.1 Number and area (in hectares) of holdings classified by size <sup>(1)</sup>

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1000 Ha	1000 Ha and over
<b>SOUTH AMERICA [6]</b>															
Argentina	1988	Total area	Total number of holdings	378 357	57 057	31 680	39 074	59 129	48 006	47 063	21 101	27 455			
		Total area	Total area	177 437 398	148 000	247 140	612 991	2 053 096	3 646 960	6 929 412	15 230 155	14 870 541	133 639 103		
Brazil <sup>(3)</sup>	1985	Total area	Total number of holdings	5 820 988	1 049 666	770 723	818 157	910 075	438 192	283 503	175 003	60 112	50 105		
		Total area	Total area	376 286 577	645 624	835 816	5 462 618	28 179 575	30 153 422	37 456 164	53 145 325	41 292 068	164 684 305		
Colombia	1988	Total area	Total number of holdings	1 547 846	297 681	185 142	319 796	232 498	182 621	167 864	88 304	48 230	23 770		
		Total area	Total area	36 033 713	93 041	228 510	992 196	1 589 575	2 504 414	5 171 668	6 063 791	6 980 749	2 758 287		
French Guiana	1989	Agricultural area	Number of holdings	4 480	1 403	1 902	269	68							
		Agricultural area	Total area	20 642	392	1 751	911	10 608							
Paraguay	1991	Total area	Total number of holdings	307 221	29 939	30 994	61 817	66 605	66 223	31 519	7 577	4 279	3 503		3 240
		Total area	Total area	23 817 737	8 499	191 374	430 658	805 802	857 909	502 648	569 169	1 050 034	1 010 952	18 358 261	
Peru	1994	Total area	Total number of holdings	1 756 141	1 222 935	261 958	1 222 935	1 275 966	92 004	51 648	27 464 652				
		Total area	Total area	35 381 809	1 927 545	1 776 221	1 559 312	2 654 079							
<b>ASIA [14]</b>															
Cyprus	1994	Total area	Total number of holdings	52 089	31 308	12 336	5 427	1 982	170	77					
		Total area	Total area	177 760	23 333	38 508	36 802	25 246	22 361	19 357					
India	1991	Total area	Total number of holdings	106 637 000	63 388 000	16 817 000	4 686 000	1 654 000	1 254 000	1 042 000					
		Total area	Total area	165 507 000	20 092 000	51 223 000	31 903 000	28 660 000							
Indonesia	1993	Total area	Total number of holdings	19 713 806	24 894 000	2 175 575	2 325 200	37 908							
		Total area	Total area	17 145 036	13 955 905	5 794 969	1 442 915	587 632							
Iran	1993	Cropland area	Total number of holdings	3 602 950	1 005 388	4 254 082	658 330	435 550	124 420	20 650	5 160	1 710			
		Cropland area	Total area	15 458 910	310 720	2 001 800	2 897 000	3 547 730	3 449 230	1 300 950	638 650	769 210			
Israel	1995	Total area	Total number of holdings	314 230	3 473	18 819	15 390	268 461							
		Total area	Total area	3 444 000	688 000	315 000	45 000	14 000							
Japan <sup>(4)</sup>	1995	Cropland area	Total number of holdings	4 120 000	235 900	948 000	316 000	287 000							
		Cropland area	Total area	1 768 501	1 037 000	894 000	49 000	215 000							
Korea, Rep. of	1990	Total area	Total number of holdings	1 657 491	543 182	173 458	523 857								
		Total area	Total area	6 886 956	952 126	696 812	2 766 624	40 874							
Myanmar	1993	Total area	Total number of holdings	2 924 898	388 665	1 015 361	1 782 121	594 813	1 670	130 478					
		Total area	Total area	2 796 050	1 909 811	529 467	2 975 712	1 670							
Nepal	1992	Total area	Total number of holdings	793 454	716 532	228 316	209 338	151 331	85 297	21 888					
		Total area	Total area	5 070 963	1 036 286	623 110	237 929	3 032 872	2 279 270	2 269 598					
Pakistan <sup>(5)</sup>	1990	Total area	Total number of holdings	4 610 041	1 685 360	1 313 696	3 253 232	4 134 346	3 252 242	22 998					
		Total area	Total area	9 974 871	728 112	1 607 689	2 046 380	1 040 686	85 581	1 286 703					
Philippines	1991	Total area	Total number of holdings	5 647 490	1 114 038	2 102 358	3 265 301	6 119	6 119	36 688					
		Total area	Total area	19 002 071	574 967	1 721 244	6 403 613	5 926 035	976 842	878 774					
Thailand	1993	Total area	Total number of holdings	4 068 432	752 156	1 274 609	1 713 149	383 323	24 201	8 993					
		Total area	Total area	23 451 099	317 815	1 004 250	3 866 896	4 675 069	4 921 663	4 648 743	1 123 143	916 327	478 944		
Viet Nam	1994	Agricultural area	Total number of holdings	9 528 896	8 412 626	276 305	18 572	1 832							
<b>EUROPE [18]</b>															
Albania	1995	Land under crops	Total number of holdings	444 300	274 000	170 300									
		Productive area	Total area	273 210	8 890	29 804	58 104	48 678	54 508	58 719	9 958	2 724	1 177	314	334
Austria	1990	Total area	Total number of holdings	7 217 498	6 570	62 788	287 209	490 221	973 319	2 004 177	726 871	404 934	365 038	216 558	1 679 914
		Agricultural area	Total area	1 400 380	12 689	12 183	287 209	490 221	973 319	2 004 177	726 871	404 934	365 038	216 558	1 679 914
Belgium	1990	Total area	Total number of holdings	1 400 380	12 689	12 183	287 209	490 221	973 319	2 004 177	726 871	404 934	365 038	216 558	1 679 914
		Agricultural area	Total area	81 267	9 667	9 667	48 634	56 822	256 349	59 348	274 131	111 880			
Denmark	1989	Total area	Total number of holdings	2 774 127	27 114	41 901	41 901	56 462	284 871	1 007 856	818 955	567 663			
		Arable area	Total area	1 993 385	614 660	1 621 469	42 788	42 788	47 665	35 108	4 311	264 129			
Finland	1990	Total area	Total number of holdings	12 338 439	72 248	116 684	116 684	111 925	3 340 278	3 933 687	708 722	264 129			
		Agricultural area	Total area	28 595 789	36 765	100 940	88 320	812 275	1 665 548	2 388 055	128 261	43 714			
France	1988	Total area	Total number of holdings	566 900	90 600	88 600	88 600	84 000	100 000	9 348 064	8 708 912	6 781 560			
		Agricultural area	Total area	17 156 900	103 000	294 700	605 300	605 300	1 457 300	4 215 000	3 506 000	6 975 500			
Germany <sup>(6)</sup>	1995	Total area	Total number of holdings	802 400	354 500	248 700	248 700	120 000	54 000	21 800	21 800	127 600			
		Agricultural area	Total area	3 578 200	315 300	786 900	786 900	818 700	731 500	625 800	172 400	127 600			
Greece <sup>(6)</sup>	1995	Total area	Total number of holdings	170 578	1 530	2 930	14 717	24 134	48 265	59 392	15 701	3 298			
		Agricultural area	Total area	170 578	1 530	2 930	14 717	24 134	48 265	59 392	15 701	3 298			

Table 4.1 Number and area (in hectares) of holdings classified by size <sup>(1)</sup>

Countries by continents. Number of reporting countries is given in square brackets.	Census year	Measure of size	Item	All holdings	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1 000 Ha	1 000 Ha and over
Italy	1990	Total area	Total number of holdings	3 023 344	590 942	709 845	354 401	201 321	114 985	32 722	21 875			
		Total area	Total area	22 702 356	814 640	2 210 779	2 436 234	2 747 371	3 432 212	2 217 720	8 361 678			
		Agricultural area	Total number of holdings	3 803	197	465	319	388	992	1 010	1 06			
		Agricultural area	Total number of holdings	126 298	283	1 567	2 301	5 721	35 329	67 768	13 180			
Netherlands	1989	Agricultural area	Total number of holdings	127 367	<b>9 993</b>	<b>18 823</b>	21 651	26 555	31 440	5 058	613			
	1989	Agricultural area	Total number of holdings	99 382	4 261	23 427	24 969	25 330	11 194	801	57			
Portugal	1989	Agricultural area	Total number of holdings	991 077	2 809	17 325	177 475	355 193	307 374	50 155	7 809			
	1989	Agricultural area	Number of holdings	594 418	178 930	141 665	56 097	27 414	13 566	3 846	2 417			
Slovenia	1991	Total area	Total number of holdings	4 005 594	91 833	230 813	386 610	374 771	407 243	268 912	338 671	1 471 454		
	1991	Total area	Total number of holdings	156 549	44 428	36 335	28 112	19 637	8 045					
Spain	1989	Total area	Total number of holdings	2 284 944	654 441	481 345	302 253	216 649	154 712	59 040	29 544	18 934	7 104	5 083
	1990	Productive area	Total number of holdings	42 939 208	287 727	1 521 460	2 105 962	2 987 872	4 725 044	4 064 942	4 030 124	5 782 870	4 867 110	12 074 570
United Kingdom <sup>(2)</sup>	1983	Total area	Productive area	1 262 167	<b>12 760</b>	<b>39 985</b>	117 567	458 887	539 443	70 112	17 177			
	1983	Total area	Total number of holdings	2 444 205	21 615	21 615	29 399	37 062	59 539	42 374	25 502	11 625	3 312	
			Total area	17 144 777	15 142	70 874	216 774	533 733	1 967 213	3 005 847	3 516 936	3 415 648	4 402 610	
<b>OCEANIA [8]</b>														
American Samoa	1990	Total area	Total number of holdings	384	<b>77</b>	<b>98</b>	<b>77</b>	<b>37</b>	<b>18</b>					
Australia	1990	Total area	Total area	2 349	<b>35</b>	<b>268</b>	<b>454</b>	<b>340</b>	<b>1 136</b>					
	1990	Total area	Total number of holdings	129 540	116	3 568	3 052	4 808	9 144	12 607	17 415	27 615	19 924	31 607
Cook Islands	1988	Total area	Total number of holdings	2 188	<b>497</b>	<b>406</b>								
	1988	Total area	Total area	2 604	<b>661</b>	<b>1 425</b>								
Fiji	1991	Total area	Total number of holdings	95 400	11 211	18 703	12 703	6 332	3 173	1 407	551			
	1991	Total area	Total area	591 407	16 132	65 189	87 283	85 934	98 141	95 471	132 459			
French Polynesia	1995	Total area	Total number of holdings	6 223	4 789	1 097	139	64	110					
	1995	Total area	Agricultural area	18 534	1 561	1 003	898	857	13 118					
Guam	1987	Total area	Total number of holdings	351	118	76	34	21	16					
	1987	Total area	Total area	5 315	51	221	210	264	4 458					
Northern Mariana Is.	1990	Total area	Total number of holdings	119	26	30	14	10	17					
	1990	Total area	Total area	5 836	13	87	98	126	548					
Samoa	1989	Total area	Total number of holdings	11 099	1 162	3 996	2 399	1 157	535					

<sup>(1)</sup> Interpolated data are shown in **italics**; **bold**. <sup>(2)</sup> Includes holdings without land. <sup>(3)</sup> Due to lack of data for the period 1986 - 95, data from 1985 Agricultural Census are presented. <sup>(4)</sup> Data refer to civil persons only. <sup>(5)</sup> Data by size exclude 149 Government holdings with 49 995 Ha. <sup>(6)</sup> Data source: Eurostat - Farm Structure - 1995 Sample Survey. <sup>(7)</sup> Area classified by size of holding excludes 156 223 Ha reported by Minor Holdings.



Table 4.2 Number and area (in hectares) of holdings classified by size: 1990, 1980 and 1970 rounds of censuses (including only countries providing this information for the 1990 round of censuses)

Countries by continents.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1000 Ha	1000 Ha and over
<b>AFRICA</b>															
Congo, Dem. Rep. of	1990	Cultivated area	Total number of holdings	4 479 600	3 882 900	468 100	128 600	25 962	4 757						
	1970	Cultivated area	Total number of holdings	2 536 616	1 032 684	974 056	479 157								
	1990	Cultivated area	Cultivated area	2 987 700	1 500 400	562 500	394 800								
Ethiopia	1989/92	Cultivated area	Cultivated area	3 821 916	685 007	1 448 857	1 417 754	200 192	70 106						
	1977	Total area	Total number of holdings	6 091 840	4 392 500	1 227 640	452 670	18 040	990						
	1977	Total area	Total number of holdings	4 797 300	2 397 300	1 278 200	949 600	164 000	8 200						
Lesotho	1989/92	Total area	Land under crops	4 871 020	1 796 780	1 715 800	1 238 800	107 700	11 940						
	1977	Total area	Total area	6 862 200	1 194 100	1 845 900	2 593 900	1 056 800	171 500						
	1990	Total area	Total number of holdings	229 300	107 400	67 000	46 800	8 100							
Malawi	1993	Cropland area	Total number of holdings	187 421	54 905	63 314	60 544	8 658							
	1969	Cropland area	Total area	372 342	32 288	95 017	183 376	61 661							
	1969	Cultivated area	Total number of holdings	1 561 416	1 212 967	270 326	78 123								
Reunion	1989	Agricultural area	Total number of holdings	15 198	5 413	3 082	4 198	1 896	414	195					
	1979	Agricultural area	Total number of holdings	20 788	10 591	3 912	4 748	1 111	430						
	1973	Agricultural area	Total number of holdings	39 111	28 890	4 840	4 000	1 381							
Grenada	1989	Agricultural area	Total area	67 154	4 532	5 569	15 157	15 504	6 404	19 998					
	1979	Agricultural area	Total area	74 034	8 370	6 890	17 135	5 489	32 150						
	1973	Agricultural area	Total area	77 231	14 233	8 011	18 484	36 503							
<b>NORTH AND CENTRAL AMERICA</b>															
Bahamas	1994	Total area	Total number of holdings	1 760	639	437	360	140	78	50	56				
	1978	Cultivated area	Total number of holdings	4 246	2 089	905	782	255	110	53					
	1994	Total area	Total area	20 336	290	584	1 025	872	966	1 456	15 143				
Grenada	1978	Cultivated area	Total area	36 246	841	1 222	2 284	1 668	1 495	1 540	27 196				
	1995	Total area	Total number of holdings	18 277	15 534	1 372	978	243	74	76					
	1981	Total area	Total number of holdings	8 202	6 074	1 171	661	174	60	62					
Guadeloupe	1981	Total area	Total area	14 164	2 583	1 950	2 791	1 598	980	4 262					
	1981	Total area	Total area	13 858	2 430	1 875	2 109	1 234	854	5 356					
	1989	Agricultural area	Total number of holdings	16 530	5 301	4 441	5 204	1 163	272	149					
Martinique	1979	Agricultural area	Total number of holdings	18 957	6 078	4 726	6 374	1 343	266	170					
	1969/72	Agricultural area	Total number of holdings	22 577	9 267	6 716	5 371	917	177	75	24				
	1989	Agricultural area	Total area	53 559	3 550	6 988	17 000	8 274	4 082	13 665					
Marinique	1979	Agricultural area	Total area	70 503	4 545	7 877	22 259	10 294	4 486	21 062					
	1969/72	Agricultural area	Total area	68 714	5 267	9 701	16 728	37 018	4 082	21 062					
	1989	Agricultural area	Total number of holdings	15 460	9 830	2 086	2 427	634	252	231					
Marinique	1981	Agricultural area	Total number of holdings	19 573	13 211	2 605	2 557	661	266	271					
	1989	Agricultural area	Agricultural area	37 173	3 181	2 931	7 266	4 212	3 346	16 217					
	1981	Agricultural area	Agricultural area	41 353	3 974	3 426	7 523	4 229	3 610	18 591					

Table 4.2 Number and area (in hectares) of holdings classified by size: 1990, 1980 and 1970 rounds of censuses (including only countries providing this information for the 1990 round of censuses)

Countries by continents.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1 000 Ha	1 000 Ha and over	
Panama	1990	Total area	Total number of holdings	213 895	99 905	24 345	28 698	16 172	15 232	16 363	8 115	3 251	1 460	231	103	
	1981	Total area	Total number of holdings	153 194	62 830	17 801	20 550	13 937	13 864	13 845	6 010	2 625	1 164	214	112	
	1971	Total area	Total number of holdings	115 364	30 124	14 859	19 509	13 937	14 179	14 138	5 526	1 920	853	211	108	
	1990	Total area	Total area	2 941 583	15 162	27 584	79 804	103 986	196 241	486 161	522 322	412 164	396 453	150 171	551 535	
	1981	Total area	Total area	2 258 558	11 307	20 135	57 757	91 226	178 465	407 282	390 620	330 824	318 565	138 891	313 486	
	1971	Total area	Total area	2 098 062	5 243	16 717	55 135	89 971	182 521	415 008	363 439	252 262	238 270	138 360	341 136	
	1987	Total area	Total number of holdings	20 245	11 291	1 346	11 291	3 520	2 418	1 688	674	654	281	412	13	19
	1978	Total area	Total number of holdings	11 211	2 477	5 108	2 572	2 390	2 005	1 500	707	410	281	412	13	19
	1970	Total area	Total number of holdings	32 687	2 477	5 108	12 096	5 683	3 543	2 001	810	557	412	412	13	19
1987	Total area	Total area	348 530	20 138	8 146	20 138	23 879	32 128	51 603	45 777	175 005	132 676	195 000	13	19	
1978	Total area	Total area	337 495	1 000	6 000	34 000	16 413	28 649	46 596	48 884	56 810	132 676	195 000	13	19	
1970	Total area	Total area	525 000	1 000	6 000	34 000	38 000	47 000	61 000	56 000	87 000	195 000	195 000	13	19	
Saint Lucia	1986	Total area	Total number of holdings	11 551	9 895	582	611	360	100	42	16	12	13	13	13	
	1974	Total area	Total number of holdings	10 938	7 625	1 435	1 229	325	201	66	20	18	19	19	19	
	1974	Total area	Total area	23 478	5 388	1 315	2 184	2 375	1 319	1 242	1 099	1 479	7 077	7 077	7 077	
1987	Total area	Total area	29 138	2 095	2 034	3 447	1 972	2 541	2 102	1 534	2 486	10 927	10 927	10 927	10 927	
U.S.A.	1987	Total area	Total number of holdings	2 087 759	222 077	157 220	212 970	157 220	212 970	429 141	384 448	308 593	243 667	129 643	45 771	
	1979	Total area	Total number of holdings	2 476 340	259 865	181 122	245 178	181 122	245 178	531 574	495 588	382 010	257 853	123 150	45 771	
	1969	Total area	Total number of holdings	2 730 250	91 368	38 766	91 368	158 970	276 868	633 568	633 177	461 304	250 876	69 958	45 771	
	1987	Total area	Total area	390 311 617	424 401	1 094 014	3 159 370	1 094 014	3 159 370	14 100 582	27 393 780	43 556 049	73 764 941	226 818 480	47 223 000	
	1979	Total area	Total area (2)	394 061 235	504 869	1 295 377	3 707 989	1 295 377	3 707 989	17 597 156	35 119 796	53 679 232	77 301 030	204 855 786	47 223 000	
	1969	Total area	Total area	430 321 000	28 000	56 000	314 000	1 159 000	4 037 000	21 205 000	44 890 000	64 745 000	75 100 000	47 223 000	171 564 000	
	1987	Total area	Total number of holdings	267	114	58	58	31	27	19	7	5	6	6	6	
1978	Total area	Total number of holdings	378	149	87	107	44	25	23	12	10	8	8	8		
1970	Total area	Total number of holdings	212	31	40	40	23	18	19	7	7	9	9	9		
1987	Total area	Total area	7 197	94	180	299	202	363	600	494	766	4 498	4 498	4 498		
1978	Total area	Total area	9 873	115	299	299	290	346	672	848	1 334	5 969	5 969	5 969		
1970	Total area	Total area	8 284	40	108	108	141	271	562	434	1 062	5 645	5 645	5 645		
Brazil (3)	1985	Total area	Total number of holdings	5 820 988	645 624	619 828	1 049 666	770 723	819 157	610 075	438 192	283 503	175 003	60 112	50 105	
	1980	Total area	Total number of holdings	5 151 135	469 091	518 515	903 890	709 823	719 330	864 051	581 983	260 714	189 453	58 552	47 841	
	1970	Total area	Total number of holdings	4 905 642	386 846	488 582	914 635	719 387	768 448	824 090	341 694	215 329	151 514	47 903	36 874	
1985	Total area	Total area	376 286 577	366 408	835 816	3 364 836	5 462 618	11 345 762	28 179 753	30 153 422	37 456 164	53 145 325	41 292 068	164 684 305		
1980	Total area	Total area	364 654 421	280 003	706 942	2 942 802	5 074 510	10 751 394	26 384 898	27 358 050	34 671 996	51 987 472	40 169 719	164 556 635		
1970	Total area	Total area	294 145 466	236 093	637 544	3 003 495	5 166 364	10 742 832	25 424 849	25 424 849	23 902 023	29 700 402	45 958 057	33 084 216	116 249 591	
1989	Agricultural area	Number of holdings	4 480	729	1 403	1 902	269	177	177	177	177	177	177	177	177	
1981	Agricultural area	Number of holdings	2 209	1 113	612	298	97	89	89	89	89	89	89	89	89	
1989	Agricultural area	Agricultural area	20 642	392	1 791	5 189	1 751	11 519	11 519	11 519	11 519	11 519	11 519	11 519	11 519	
1981	Agricultural area	Agricultural area	7 349	567	776	891	650	4 465	4 465	4 465	4 465	4 465	4 465	4 465	4 465	
1981	Total area	Total number of holdings	307 221	29 939	30 994	61 817	66 605	66 223	66 223	31 519	7 577	4 279	3 503	1 525	3 240	
1981	Total area	Total number of holdings	248 930	21 468	21 781	46 405	49 511	56 476	56 476	36 007	7 008	4 012	1 053	2 289	2 289	
1991	Total area	Total area	23 817 737	8 499	31 431	191 374	430 658	806 802	806 802	857 909	502 648	569 169	1 050 034	1 010 952	18 358 261	
1981	Total area	Total area	21 940 531	5 700	26 953	137 483	305 351	694 190	694 190	942 358	465 408	538 153	600 974	707 009	17 516 952	

Table 4.2 Number and area (in hectares) of holdings classified by size: 1990, 1980 and 1970 rounds of censuses (including only countries providing this information for the 1990 round of censuses)

Countries by continents.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1000 Ha	1000 Ha and over
Peru	1994	Total area	Total number of holdings	1 756 141	483 939	260 698	1 222 935	261 958	127 596	92 004	51 648	7 034	4 245	1 615	2 187
	1972	Total area	Total number of holdings	1 390 877			339 727	153 141	78 699	46 648	12 944				
	1994	Total area	Total area	35 381 809			1 927 545	1 776 221	1 559 312	2 654 079	27 464 652				
	1972	Total area	Total area	23 545 147			1 025 887	1 010 495	1 025 926	1 339 423	843 176	907 856	1 242 812	1 087 082	14 527 930
	1994	Total area	Number of holdings	52 089	31 308		12 336	5 427	1 982	789	170	77			
	1977	Total area	Number of holdings	44 522	15 002		13 782	6 998	2 672	679	161				
ASIA	1994	Total area	Total area	1 777 760	23 333		38 508	36 802	26 246	22 361	11 153	19 357			
	1977	Total area	Total area												
India	1991	Total area	Total number of holdings	106 637 000	63 388 000	20 082 000	16 817 000	4 686 000	1 654 000	450 000	47 000				
	1977	Total area	Total number of holdings	81 569 000	44 523 000	14 736 000	14 497 000	5 381 000	1 943 000	566 000	65 000				
	1971	Total area	Total number of holdings	70 498 000	35 682 000	13 432 000	13 365 000	5 248 000	2 135 000						
	1991	Total area	Total area	165 507 000	24 894 000	28 827 000	51 223 000	31 903 000	28 660 000	12 310 000	4 528 000				
	1977	Total area	Total area	163 343 000	17 509 000	20 905 000	44 969 000	37 067 000	26 035 000	15 572 000	5 971 000				
	1971	Total area	Total area	162 124 000	14 545 000	19 282 000	41 928 000	36 305 000	28 521 000						
Indonesia	1993	Total area	Total number of holdings	19 713 806	13 955 905	3 312 218	2 175 575	232 200	37 908						
	1973	Total area	Total number of holdings	14 375 343	10 115 055	2 597 636	1 353 483	223 604	85 565						
	1993	Total area	Total area	17 145 036	5 105 398	4 254 082	5 754 989	1 442 915	587 652						
	1973	Total area	Total area	16 394 000	4 104 000	3 397 000	3 762 000	1 450 000	3 681 000						
	1995	Total area	Total number of holdings	51 654	13 665	8 963	20 777	4 273	2 056	1 012	908	64	170	125	32
	1971	Cropland area	Total number of holdings	40 210	7 979	6 700	12 572	11 164	1 081	242	81				
Japan	1995	Total area	Total number of holdings	314 230	3 473	8 087	18 819	15 390	268 461	27 702	414 335	24 000	87 000	126 000	63 000
	1981	Total area	Cropland area	584 028	4 945	12 356	81 706	28 293	25 818	12 000	11 000				
	1971	Cropland area	Cropland area	537 000	6 000	14 000	44 000	125 000	25 000						
	1995	Cropland area	Total number of holdings	3 444 000	235 000	688 000	315 000	46 000	19 000	14 000	3 000				
	1979	Cultivated area	Total number of holdings	4 650 214	323 392	98 986	351 193	71 733	12 230						
	1970	Cultivated area	Total number of holdings	5 354 074	3 639 144	1 285 680	345 721	71 299							
Korea, Rep. of	1990	Total area	Total number of holdings	1 768 501	1 051 861	543 182	173 458	139 189							
	1980	Total area	Total number of holdings	2 157 555	1 388 928	629 438	131 819	161 194							
	1970	Total area	Total number of holdings	2 421 420	1 620 438	639 788	161 194								
	1990	Cropland area	Agricultural area	1 857 491	567 691	765 943	523 857	400 970							
	1980	Cropland area	Agricultural area	2 025 795	755 069	869 756	400 970								
	1970	Cropland area	Agricultural area	2 132 233	820 638	862 833	448 762								
Nepal	1992	Total area	Total number of holdings	2 736 050	1 909 811	529 467	256 614	31 952	8 206						
	1982	Total area	Total number of holdings	2 193 956	1 463 321	379 051	276 630	60 082	14 872						
	1972	Total area	Total number of holdings	1 721 546	1 335 478	190 295	146 437	36 666	10 997	1 512	147	14			
	1992	Total area	Total area	2 598 971	793 454	716 532	728 316	209 338	151 331						
	1982	Total area	Total area	2 463 717	426 929	490 413	388 679	322 434	322 434						
	1972	Total area	Total area	1 654 000	450 000	287 000	456 000	256 000	149 000	43 000	9 000	4 000			
Pakistan (4)	1989	Total area	Total number of holdings	5 070 963	1 387 771	1 036 286	1 698 682	623 110	237 929	85 297	21 888				
	1980	Total area	Total number of holdings	4 069 419	701 380	685 014	1 602 065	706 395	263 989	89 989	20 587				
	1971/73	Total area	Total number of holdings	3 761 940	520 617	538 421	1 500 772	793 928	289 146	94 951	24 105				
		Total area	Total area												

Table 4.2 Number and area (in hectares) of holdings classified by size: 1990, 1980 and 1970 rounds of censuses (including only countries providing this information for the 1990 round of censuses)

Countries by continents.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1000 Ha	1000 Ha and over
	1989	Total area	Total area	19 149 637	703 523	1 446 796	5 263 232	4 134 346	3 032 872	2 279 270	2 269 598	2 269 598	2 269 598	2 269 598	2 269 598
	1980	Total area	Total area	19 058 970	370 640	972 766	5 192 935	4 703 818	3 392 721	2 463 823	1 962 267	1 962 267	1 962 267	1 962 267	1 962 267
	1971/73	Total area	Total area	19 913 000	268 000	769 000	4 993 000	5 286 000	3 729 000	2 605 000	2 263 000	2 263 000	2 263 000	2 263 000	2 263 000
Philippines	1991	Total area	Total number of holdings	4 610 041	1 685 360	1 314 492	1 176 948	325 243	85 582	22 996	22 996	22 996	22 996	22 996	22 996
	1981	Total area	Total number of holdings	3 420 323	775 791	964 220	1 201 975	360 006	92 645	25 686	25 686	25 686	25 686	25 686	25 686
	1971	Total area	Total number of holdings	2 354 469	319 363	644 375	1 031 553	243 847	85 736	24 035	24 035	24 035	24 035	24 035	24 035
	1991	Total area	Total area	9 974 871	728 112	1 582 728	3 290 262	2 046 380	1 040 686	1 286 703	1 286 703	1 286 703	1 286 703	1 286 703	1 286 703
	1981	Total area	Total area	9 749 200	369 000	1 189 900	3 399 000	2 242 900	1 128 591	1 419 809	1 419 809	1 419 809	1 419 809	1 419 809	1 419 809
	1971	Total area	Total area	8 494 000	162 000	802 000	3 099 000	1 553 000	1 084 000	613 000	1 181 000	1 181 000	1 181 000	1 181 000	1 181 000
Thailand	1993	Total area	Total number of holdings	5 647 490	1 114 038	1 272 048	2 102 358	912 378	203 861	36 688	36 688	36 688	36 688	36 688	36 688
	1978	Total area	Total number of holdings	4 018 427	638 664	834 138	1 505 496	811 989	200 832	27 308	27 308	27 308	27 308	27 308	27 308
	1993	Total area	Total area	19 002 071	574 967	1 721 244	6 403 613	5 928 035	2 520 596	976 842	878 774	878 774	878 774	878 774	878 774
Turkey	1991	Total area	Total number of holdings	4 068 432	734 563	752 156	1 274 609	719 149	383 323	173 774	24 201	8 993	3 203	441	441
	1980	Total area	Total number of holdings	3 650 910	575 198	527 181	1 164 642	736 376	421 523	194 551	26 407	2 112	761	159	159
	1991	Total area	Total area	23 451 099	317 815	1 004 250	3 866 896	4 675 069	4 921 663	4 648 743	1 498 249	1 123 143	916 327	478 044	478 044
EUROPE	1990	Total area	Total area	22 764 029	231 810	709 621	3 614 158	4 839 213	5 424 496	5 208 668	1 785 801	248 230	224 056	477 952	477 952
	1980	Total area	Total area	23 215 099	317 815	1 004 250	3 866 896	4 675 069	4 921 663	4 648 743	1 498 249	1 123 143	916 327	478 044	478 044
	1969	Total area	Total area	7 490 463	26 485	64 518	245 121	463 905	1 104 026	1 925 931	855 383	555 508	2 249 586	2 249 586	2 249 586
Austria	1990	Total area	Total number of holdings	273 210	8 890	29 804	58 104	48 678	54 508	58 719	9 958	2 724	1 177	314	334
	1980	Productive area	Total number of holdings	312 418	20 907	33 641	60 025	52 494	63 632	64 166	12 059	3 660	1 833	—	—
	1969	Productive area	Total number of holdings	362 216	34 171	41 669	71 034	62 281	73 464	62 413	11 597	3 651	1 936	—	—
Belgium	1990	Total area	Total area	7 217 498	6 570	62 788	287 208	490 221	973 319	2 004 177	726 871	404 834	365 038	216 558	1 679 914
	1980	Productive area	Total area	7 325 863	10 742	52 227	208 289	393 117	975 457	2 019 035	883 031	559 129	2 224 836	2 224 836	2 224 836
	1969	Productive area	Total area	7 490 463	26 485	64 518	245 121	463 905	1 104 026	1 925 931	855 383	555 508	2 249 586	2 249 586	2 249 586
Denmark	1990	Agricultural area	Total number of holdings	87 180	12 698	7 385	13 537	12 922	16 944	18 783	4 131	780	—	—	—
	1979	Agricultural area	Total number of holdings	119 277	25 424	10 411	16 496	19 031	25 015	19 136	3 196	568	—	—	—
	1970	Agricultural area	Total number of holdings	184 005	53 608	15 373	28 799	33 059	33 480	17 069	2 222	375	—	—	—
Denmark	1990	Agricultural area	Total area	1 400 364	9 667	12 183	48 834	98 050	255 189	586 511	278 044	111 886	—	—	—
	1979	Agricultural area	Total area	1 475 140	16 247	16 433	59 120	145 594	370 080	577 079	77 222	77 222	—	—	—
	1970	Agricultural area	Total area	1 602 864	30 416	24 459	103 714	251 881	488 619	500 439	151 897	51 439	—	—	—
Finland	1989	Agricultural area	Total number of holdings	81 267	—	—	14 749	14 749	19 605	31 348	12 162	3 403	—	—	—
	1979	Agricultural area	Total number of holdings	122 722	—	—	16 660	21 588	32 098	40 928	9 363	2 085	—	—	—
	1970	Agricultural area	Total number of holdings	140 197	—	—	14 528	28 510	43 589	43 904	7 055	1 611	—	—	—
Finland	1989	Agricultural area	Agricultural area	2 774 127	—	—	39 651	65 462	284 701	1 007 856	818 955	567 663	—	—	—
	1979	Agricultural area	Agricultural area	2 619 271	—	—	157 631	466 790	1 262 856	612 709	361 496	361 496	—	—	—
	1970	Agricultural area	Agricultural area	2 941 316	—	—	41 510	210 135	623 279	1 304 898	455 430	300 124	—	—	—
France	1990	Arable area	Total number of holdings	199 385	—	—	41 901	42 786	47 665	35 108	4 311	500	—	—	—
	1980	Arable area	Total number of holdings	224 721	—	—	20 673	69 172	56 806	26 346	387	292	—	—	—
	1970	Arable area	Total number of holdings	297 257	—	—	75 223	97 935	67 969	20 625	1 620	232	—	—	—
France	1990	Arable area	Total area	12 338 439	—	—	1 621 469	2 395 496	3 340 276	3 393 667	708 722	264 129	—	—	—
	1980	Arable area	Total area	12 800 326	—	—	1 690 484	3 831 196	3 790 019	2 457 670	465 777	195 908	—	—	—
	1970	Arable area	Total area	15 150 223	—	—	2 513 225	5 028 987	4 409 763	2 126 332	381 895	191 865	—	—	—
France	1989	Agricultural area	Total number of holdings	1 016 755	89 320	72 248	116 684	111 925	166 548	288 055	128 261	43 714	—	—	—
	1980	Agricultural area	Total number of holdings	1 262 672	119 671	87 930	149 212	166 719	347 204	347 319	114 079	34 538	—	—	—
	1971	Agricultural area	Total number of holdings	1 587 643	166 719	115 873	209 798	250 466	354 826	369 610	93 222	27 129	—	—	—



Table 4.2 Number and area (in hectares) of holdings classified by size: 1990, 1980 and 1970 rounds of censuses (including only countries providing this information for the 1990 round of censuses)

Countries by continents.	Census year	Measure of size	Item	All holdings	Under 1 Ha (2)	1 and under 2 Ha	2 and under 5 Ha	5 and under 10 Ha	10 and under 20 Ha	20 and under 50 Ha	50 and under 100 Ha	100 and under 200 Ha	200 and under 500 Ha	500 and under 1000 Ha	1000 Ha and over
	1989	Agricultural area	Agricultural area	4 005 594	91 893	230 813	435 287	386 610	374 771	407 243	268 912	338 671	1 471 454	398 693	1 225 735
	1979	Productive area	Total area	5 182 902	210 925	272 168	537 451	462 977	395 977	405 124	283 427	352 626	637 799	443 000	1 066 000
	1968	Total area	Total area	4 975 000	125 000	208 000	537 000	475 000	579 000	504 000	298 000	282 000	458 000		
Spain	1989	Total area	Total number of holdings	2 284 944	654 441	355 830	481 345	302 253	216 649	154 712	59 040	29 544	18 934	7 104	5 083
	1982	Total area	Total number of holdings	2 575 327	626 244	362 347	518 439	334 285	241 925	168 253	61 618	31 118	19 200	6 947	4 911
	1972	Total area	Total number of holdings	2 571 059	631 937	394 567	584 333	388 002	271 160	181 443	59 102	29 063	19 452	6 955	5 045
	1989	Total area	Total area	42 939 208	287 727	492 127	1 521 460	2 105 962	2 987 872	4 725 044	4 030 124	4 030 124	5 782 870	4 867 110	12 074 570
	1982	Total area	Total area	44 311 769	264 960	493 854	1 632 679	2 324 244	3 339 424	5 126 525	4 234 152	4 255 428	5 887 565	4 778 802	11 973 726
1972	Total area	Total area	45 702 620	271 819	542 170	1 855 029	2 708 830	3 742 303	5 489 373	4 052 560	3 994 376	5 944 423	4 774 876	12 326 661	
Switzerland	1989	Productive area	Total number of holdings	108 296	21 381	7 724	11 988	15 543	31 006	19 432	1 115	107			
	1979	Cultivated area	Total number of holdings	125 274	27 094	9 891	15 680	20 158	34 638	16 783	925	90	15		
	1969	Total area	Total number of holdings	152 859	32 688	13 445	22 939	33 469	38 023	11 475	706	88	26		
	1989	Productive area	Productive area	1 262 167	8 236	12 760	39 985	117 567	456 887	539 443	70 112	17 177			
	1979	Cultivated area	Total area	1 271 545	11 584	15 124	53 647	153 415	501 097	461 134	58 723	11 729			
1969	Total area	Total area	1 292 110	14 533	20 673	80 014	257 280	537 806	314 066	45 764	12 178				
United Kingdom (6)	1993	Total area	Total number of holdings	244 205	9 420	13 777	21 615	29 399	37 062	59 539	42 374	25 502	11 625	3 312	
	1979	Agricultural area	Total number of holdings	268 560	9 420	9 820	27 380	32 480	40 080	68 040	43 580	24 050	10 640	3 070	
	1970	Total area	Total number of holdings	326 698	14 213	17 568	40 104	39 517	49 576	80 399	47 318	24 669	10 295	1 890	1 149
	1993	Total area	Total area	17 144 777	13 000	15 142	70 874	216 774	533 733	1 987 213	3 005 847	3 516 936	3 415 648	4 402 610	
	1979	Agricultural area	Total area	17 568 330	17 140	17 140	107 760	249 050	609 230	2 302 700	3 155 120	3 399 610	3 220 930	4 493 790	
1970	Total area	Total area	17 992 312	7 845	24 926	135 120	286 811	727 981	2 625 306	3 331 052	3 377 813	3 017 022	1 277 981	3 180 455	
OCEANIA	1990	Total area	Total number of holdings	384	77	87	98	77	97	18					
	1979	Total area	Total number of holdings	1 391	595	467	278	34	11	6					
	1970	Total area	Total number of holdings	1 923	783	596	394	86	53	9					
	1990	Total area	Total area	2 349	35	116	268	454	340	1 136					
	1979	Total area	Total area	2 428	268	620	694	199	142	505					
1970	Total area	Total area	4 212	1 201	1 201	1 117	500	636	758						
Fiji	1991	Total area	Total number of holdings	95 400	41 320	11 211	18 703	12 703	6 332	3 173	1 407	551			
	1978	Total area	Total number of holdings	66 376	42 662	4 427	9 283	5 382	2 427	1 409	786				
	1969	Total area	Total number of holdings	33 521	8 508	3 533	7 972	7 945	3 620	1 943					
	1991	Total area	Total area	591 407	11 358	16 132	65 189	87 283	85 334	98 141	95 471	132 499			
	1978	Total area	Total area	277 134	8 308	6 307	32 315	38 257	33 448	41 062	117 437				
1969	Total area	Total area	245 000	3 000	5 000	24 000	53 000	48 000	112 000						
Guam	1987	Total area	Total number of holdings	351	118	86	76	34	21	16					
	1978	Total area	Total number of holdings	1 999	1 525	225	157	47	19	14					
	1970	Total area	Total number of holdings	1 121	535	276	175	56	36	25					
Northern Mariana Isl.	1987	Total area	Total area	5 315	51	111	221	210	264	4 458					
	1978	Total area	Total area	11 582	482	252	322	322	263	9 485					
	1970	Total area	Total area	10 586	166	231	614	392	457	774					
Northern Mariana Isl.	1980	Total area	Total number of holdings	119	26	22	30	14	10	17					
	1980	Total area	Total number of holdings	239	44	54	122	42	17	20					
	1980	Total area	Total area	5 836	13	32	87	98	126	5 480					
1980	Total area	Total area	4 832	21	80	383	269	220	4 009						

(1) Includes holdings without land.

(2) Excluding 328 964 "abnormal holdings" (i.e. institutional, experimental, research farms and Indian Reservations) with an area of 26 313 102 Ha.

(3) Due to lack of data for the period 1986 - 95, data from 1985 Agricultural Census are presented.

(4) Data by size exclude 149 Government holdings with 49 995 Ha.

(5) Data source: Eurostat - Farm Structure - 1995 Sample Survey.

(6) Area classified by size of holding for 1993 excludes 156 223 Ha reported by Minor Holdings.

**Part II**

**Primary Results  
by  
Country**

## EGYPT - Agricultural Census 1990 - Explanatory Notes

### **Historical outline:**

Egypt participated in the World Census of Agriculture by undertaking a complete enumeration census in the years: 1929, 1939, 1950, 1961, 1982 and 1990.

### **Organization:**

The census was organized by the General Department of Agricultural Census, the Ministry of Agriculture and Land Reclamation. The field work was carried out by about 12 000 enumerators and 2 500 supervisors.

### **Reference date:**

Data refer to the agricultural year 1989/90, except the inventory items (livestock, etc.) which refer to 23 December 1990.

### **Definition:**

The agricultural holding, as the enumeration unit, includes agricultural assets, with or without land. Holdings must have at least 12 Sahn (87.5 square meters) used wholly or partly for agricultural production. All land operated by a holder within the boundaries of the same district is considered as a holding. Holdings without land are considered as holdings if they have a minimum of one head of cattle, buffaloes or camels; or five heads of sheep or goats, or a combination of them; or hundred poultry; or ten beehives; or one fishery cage; or one agricultural machine used in agriculture. Units possessing only pigs or draught animals are not considered as agricultural holdings.

### **Coverage:**

The census covered all sectors of agriculture in the entire country.

### **Frame:**

The frame was prepared during the first phase of the census, which took place at the beginning of the agricultural year. The country was divided into: 26 governorates, 186 districts and 4 644 villages and cities.

### **Methods:**

The census was carried out on a complete enumeration bases in two phases. In the first phase, a list of all agricultural holdings was prepared. The main purpose of this phase was to provide an updated list of all buildings, households and agricultural holdings. Sketch maps of villages and cities were also prepared in this phase. The second phase was the census proper and consisted of the interview of all holders using a detailed questionnaire.

### **Data source:**

Ministry of Agriculture and Land Reclamation. Final Report on the Sixth Agricultural Census 1990.

### **Mailing address:**

Mahmoud Nazif, Adviser for Agricultural Census of the Ministry of Agriculture, 7 Nadi El Seed St. Dokki, Cairo, Egypt.



## EGYPT - Agricultural Census 1990 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	3 475 502
Area (ha)	3 297 281

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	3 475 502	3 297 281
Holdings without land	565 223	-
Under 0.8 ha	1 764 708	608 815
0.8 and under 1.3 ha	502 061	477 800
1.3 and under 1.7 ha	239 057	326 235
1.7 and under 2.1 ha	111 165	199 264
2.1 and under 4.2 ha	198 926	525 116
4.2 and under 6.3 ha	42 808	207 897
6.3 and under 8.4 ha	18 124	125 524
8.4 and under 12.6 ha	16 786	162 632
12.6 and under 21.0 ha	10 502	160 999
21.0 ha and over	6 142	502 999

FRAGMENTATION OF HOLDINGS INTO SEPARATE PARCELS	
Number of parcels	5 764 298
Number of holdings reporting:	
Total	2 910 279
1 parcel	1 309 550
2 - 3 parcels	1 352 581
4 parcels and more	248 148

LEGAL STATUS OF THE HOLDER	Number of holdings	Area (ha)
Total	3 475 502	3 297 281
Civil persons	3 470 813	2 991 047
Corporation	393	142 034
Cooperative	2 298	37 148
Government	1 543	114 682
Others	455	12 370

LAND TENURE OF HOLDINGS	Number of holdings	Area (ha)
Total	2 910 279	3 297 281
Holdings under one form of tenure	2 437 652	2 671 196
Owned or in ownerlike possession	1 968 371	2 138 145
Rented from others	431 633	327 969
Operated under other single forms of tenure	37 648	205 082
Holdings under more than one form of tenure	472 627	626 085

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	3 297 281
Area owned or in ownerlike possession	2 467 112
Area rented from others	614 666
Area operated under other forms of tenure	215 503

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
20 647 299	-	-
of which: Holders	Male	Female
3 470 813	3 185 060	285 753

LAND USE	Area (ha)
Total land	3 297 281
Agricultural land	3 075 052
Cropland	3 075 052
Arable land	2 716 947
Permanent crops	358 105
Wood or forest land	2 324
All other land	219 905

TEMPORARY CROPS	Number of holdings	Area harvested (ha)
Wheat	2 054 680	968 810
Rice	807 240	506 735
Maize	1 928 891	909 920
Sorghum	354 688	139 494
Barley	95 635	104 699
Potatoes	139 783	53 209
Soybeans	129 416	50 537
Cotton	998 908	460 343
Tomatoes	359 671	151 824
Sugarcane	150 037	113 191
Sugar beets	34 497	21 601
Clover	2 085 463	1 022 137
Broad beans	491 960	206 137

PERMANENT CROPS	Number of holdings	Total number of trees/vines
Apples and Pears	16 857	8 745 027
Peaches, Apricots and Plums	28 034	7 513 893
Grapes	47 428	101 791 957
Oranges	93 114	36 102 854
Bananas (by plot)	23 043	9 048 197
Mandarins	38 578	15 771 267
Date palms	25 901	6 828 606

LIVESTOCK	Number of holdings	Number of head
Cattle	1 687 560	3 292 347
Pigs	510	8 112
Sheep	1 330 293	5 895 011
Goats	1 091 358	4 407 496
Buffaloes	2 022 834	3 540 072
Horses	35 094	40 668
Mules	7 722	8 441
Asses	2 318 677	2 556 464
Chickens	2 872 580	78 255 296
Ducks and Geese	2 130 753	20 439 662
Turkeys	283 707	1 740 954
Camels	98 461	127 337
Beehives	21 766	723 233
Domestic Pigeons	1 251 535	11 957 031

EMPLOYMENT IN AGRICULTURE	
Holders and household members engaged in agriculture	
Total number	9 104 926
Hired permanent workers	
Total number	166 452

## GUINEA - Agricultural Survey 1995 - Explanatory Notes

**Historical outline:**

The 1988/89 National Agricultural Census was the first one taken in the Republic of Guinea. It followed a 1974-1981 project planned to develop agricultural surveys. The data reported here refer to the 1995 Agricultural Survey.

**Organization:**

The survey was organized by The Service National des Statistiques Agricoles du Ministère de l'Agriculture, de l'Élevage et des Forêts with the FAO technical assistance.

**Enumeration period:**

Data were collected in the period of July to December 1995.

**Reference date:**

Data refer to the agricultural year 1995/96 except the inventory items (livestock, etc.) which refer to the date of enumeration.

**Definition:**

An agricultural holding is defined as consisting of all land used entirely or partly for agricultural production purposes, which is considered as an economic unit, exploited by one person or jointly with others, without regard to title, size or location.

**Coverage:**

The entire country was covered by the survey.

**Frame:**

The frame consisted of 444 Enumeration Areas - ZD (zones de dénombrement), which were defined on the basis of the 1983 Demographic Census.

**Methods:**

A three-stage stratified sampling design was applied with ZD as primary sampling units, agricultural holdings as secondary sampling units and fields as third-level sampling units. Altogether 1 776 holdings were selected in the sample. Data were collected through personal interview, except data on areas which were measured. Six different questionnaires were used.

**Data source:**

Ministère de l'Agriculture, de l'Élevage et des Forêts. Enquête Agricole 1995. Resultats. June 1996.

**Mailing address:**

Ministère de l'Agriculture de l'Élevage et des Forêts, S.N.S.A., B.P. 576, Conakry, République de Guinée.

## GUINEA - Agricultural Survey 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	442 168
Cultivated area (ha)	895 620

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF CULTIVATED AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area cultivated (ha)
Total	442 168	895 620
Under 1 ha	150 950	87 884
1 and under 2 ha	137 247	200 059
2 and under 3 ha	67 500	164 578
3 and under 4 ha	37 762	128 540
4 and under 5 ha	18 470	82 075
5 and under 7 ha	12 398	70 875
7 ha and over	17 841	161 609

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
3 479 045	1 714 233	1 764 812
of which: Holders	Male	Female
442 168	433 307	8 861

EMPLOYMENT IN AGRICULTURE		
Holders and household members engaged mainly in agriculture	Total	1 893 015
	Male	883 615
	Female	1 009 400
Hired permanent worker	Total	26 224
	Male	25 987
	Female	237

TEMPORARY CROPS	Number of holdings	Area harvested (ha)
Rice	320 996	438 403
Maize	-	81 938
Millet	-	12 740
Sorghum	-	8 124
Cassava	-	95 399
Fonio	-	128 270
Groundnut	-	145 368

LIVESTOCK	Number of holdings	Number of head
Cattle	197 048	2 157 704
Pigs	5 214	37 415
Sheep	1131 488	697 129
Goats	150 297	812 626

## MALAWI - Agricultural Survey 1993 - Explanatory Notes

### **Historical outline:**

The National Sample Survey of Agriculture (NSSA) 1968/1969 was the first nation-wide agricultural survey conducted in Malawi. A second NSSA was conducted in 1980/81, and the third, to which data here presented refer, in 1992/93.

### **Organization:**

The survey was conducted on a collaborative basis between the Ministry of Agriculture and the National Statistics Office (NSO). Field work involved 600 Enumerators and 100 Supervisors.

### **Enumeration period:**

The survey was conducted in three rounds: The first round took place in October 1992, the second and third were carried out in February and June 1993, respectively.

### **Reference date:**

Information on inventory items refers to the day of enumeration. Other data refer to the agricultural season October 1992 to September 1993.

### **Definition:**

Holding is defined as a unit of agricultural production comprising all land cultivated by a household during 1992/93 agricultural season (October 1992 to September 1993). All land belonging to the household which is not cultivated is excluded. The definition of "garden" corresponds to "parcel" as defined in the WCA Programme of FAO.

### **Coverage:**

The Survey covered the entire country.

### **Frame:**

The eight Agriculture Development Divisions (ADDs) which were divided into 30 Rural Development Projects (RDPs) were used as frame. The primary sampling units were the Enumeration Areas (EAs), while the secondary sampling units were households.

### **Methods:**

The Survey was organized on a sampling basis using a two-stage stratified sample design. The sample consisted of 600 EAs and 12 000 households. Data were collected through personal interviews and the objective measurement was used for measuring the area of parcels.

### **Data source:**

Malawi Government. National Sample Survey of Agriculture 1992/93. Vol. 1, 2, 3 and 4

### **Mailing address:**

National Statistical Office, P.O. Box 333, Zomba, Malawi.

## MALAWI - Agricultural Survey 1993 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	1 561 416
Cultivated Area (ha)	1 167 240

NUMBER OF HOLDINGS CLASSIFIED BY SIZE OF CULTIVATED AREA OF HOLDINGS	
Holding size classes	Number of holdings
Total	1 561 416
Under 0.5 ha	755 811
0.5 and under 1 ha	457 156
1 and under 2 ha	270 326
2 and under 3 ha	55 303
3 ha and over	22 820

FRAGMENTATION OF HOLDINGS INTO SEPARATE PARCELS	
Number of parcels	2 738 607

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
7 700 776	3 721 092	3 979 684

TEMPORARY CROPS	Area sown (ha)
Wheat	1 110
Rice	18 480
Maize	912 800
Millet	21 950
Sorghum	23 640
Sweet potatoes	11 300
Cassava	29 770
Soybeans	9 960
Cotton	39 440
Tobacco	62 080
Groundnuts	58 180

LIVESTOCK	Number of head
Cattle	1 197 856
Pigs	397 599
Sheep	89 212
Goats	1 693 319
Asses	20 588
Chickens	4 927 907
Ducks	262 569
Rabbits	171 558
Doves	1 292 835

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## NAMIBIA - Agricultural Census 1995 - Explanatory Notes

### Historical outline:

The 1994/95 Census was the first Agricultural Census taken after its independence.

### Organization:

The Central Statistical Office (CSO) and the Department of Planning of the Ministry of Agriculture, Water and Rural Development were responsible for the census. The following Organizations provided the CSO with technical assistance for the preparation and the completion of the census: the International Consulting Office of Statistics Sweden, the Overseas Development Administration (ODA) of the United Kingdom, the Zimbabwe Central Statistics Office, and the Economic Commission for Africa (ECA). Field staff consisted of 120 enumerators and 20 supervisors.

### Enumeration period:

The bulk of field work took place according to the following schedule: first visit to the holdings in the traditional sector started in February 1995 for about three weeks; the second visit took place in the period May - July 1995; and for the commercial sector survey, 4 381 questionnaires were mailed in December 1995.

### Reference date:

The inventory data (livestock etc.) refer to the day of enumeration. The other data refer to the agricultural year 1994/95.

### Definition:

An agricultural holding is an economic unit of agricultural production under a single management comprising all livestock kept and all arable land used wholly or partly for agricultural production purposes, without regard to title, legal form, or size. Single management may be exercised by an individual or a household, jointly by two or more individuals or households, by a clan or tribe, or by a juridical person such as corporation, cooperative or government agency. The holding may consist of one or more parcels of land and livestock, located in one or more separate areas or in one or more territorial or administrative division, provided that the parcels share the same production means utilized by the holding such as labour, farm buildings, machinery or draught animals.

### Coverage:

The census covered all 13 regions in the entire country, both traditional and commercial sectors. Data presented here refer, however, to traditional sector only.

### Frame:

The frame for commercial sector was based on a list of 4 230 commercial farmers, maintained and updated by CSO. The frame for traditional sector was based on Enumeration Areas from the 1991 Population and Housing Census. On this basis, a Master Sample Frame of small areas intended to be used as Primary Sampling Units (PSU) was prepared. One PSU contained, on average, 120 households in urban areas and 100 households in rural areas.

### Methods:

The census of the commercial sector was based on a complete enumeration through a postal inquiry. The census of the traditional sector was based on a two-stage sampling design. In each of the 13 Districts two strata were formed: "rural/urban" and "small urban". A sample of 115 PSUs was selected in the first stage. In the second stage, a sample of 20 small and all large holdings was selected within each sampled PSU. In all, over 2 300 holdings were included in the sample. Data were collected through personal interviews combined with the objective measurements of areas. Five different questionnaires were used for the traditional sector: Form L for listing of households and holdings in selected PSUs, Form S for listing the sampled holdings, Form I for collecting information from the sampled holdings in the first visit, Form II for collecting information from the sampled holdings in the second visit, Form A for measurement of area of fields.

### Data source:

Republic of Namibia. 1994/95 Namibia Agricultural Census: Technical Report; Basic Analysis of Communal Agriculture; Basic Tables of Communal Agriculture.

### Mailing address:

National Planning Commission, Central Statistics Bureau, 6th Floor, Government Offices, Private Bag 13356, Windhoek 9000, Namibia.

## NAMIBIA - Agricultural Census 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	113 616
Area (ha)	300 146

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF ARABLE AREA OF HOLDINGS		
Holding size classes	Number of holdings	Arable area (ha)
Total	113 616	300 146
Holdings without land	10 142	-
Under 1 ha	14 610	8 742
1 and under 2 ha	23 618	35 534
2 and under 5 ha	54 307	173 121
5 and under 10 ha	10 069	65 454
10 and under 20 ha	700	8 693
20 and under 50 ha	120	3 648
50 and over	50	4 954

FRAGMENTATION OF HOLDINGS INTO SEPARATE PARCELS	
Number of parcels	114 621
Number of holdings reporting:	
Total	103 473
1 parcel	94 636
2 - 3 parcels	8 461
4 - 5 parcels	331
6 parcels and more	45

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
854 149	-	-
of which: Holders	Male	Female
113 616	48 784	64 832

TEMPORARY CROPS	Number of holdings	Area harvested (ha)
Wheat	865	175
Maize	10 969	5 673
Millet	93 673	194 990
Sorghum	63 202	30 526
Beans	55 191	14 321
Groundnuts	5 152	1 047
Vegetables	4 596	2 973

LIVESTOCK	Number of holdings	Number of head
Cattle	48 622	1 005 898
Pigs	32 702	66 062
Sheep	7 359	158 042
Goats	64 771	1 391 373
Horses	5 687	19 886
Asses	27 355	106 336
Poultry	90 634	800 158
Ostriches	452	3 686
Games	10 288	27 007

## BRAZIL - Agricultural Census 1985 - Explanatory Notes

### **Historical outline:**

The first census of agriculture in Brazil was conducted in 1920. The second was carried out in 1940, from which the agricultural censuses carried out every ten years until 1970. From 1975 to 1985 the censuses were taken every five years. Data presented here are from the 1985 Agricultural Census, which was the eighth census of agriculture conducted in Brazil.

### **Organization:**

The Brazilian Institute of Geography and Statistics (IBGE) was responsible for planning and conducting the census, as well as for analysis and dissemination of the data.

### **Enumeration period:**

Data were collected during the period January to March 1986.

### **Reference date:**

The reference period of the census items is the calendar year 1985, while the reference day is 31 December 1985.

### **Definition:**

Agricultural holding is considered any land, without regard to size, including one or more contiguous parcels, operated under a single management, with the purpose of cultivating land with temporary and/or permanent crops, including horticulture and flowers; breeding or fattening livestock; forestation or reforestation and exploiting forest products. Residential yards and kitchen gardens are excluded. Contiguous lands occupied under different tenancy but run under the same management are considered as one holding.

### **Coverage:**

The census covered the entire country, both rural and urban areas.

### **Frame:**

The frame was constituted by dividing the whole country into census sectors (Enumeration Areas), based on municipal maps used in the previous agricultural census.

### **Methods:**

The census was carried out by complete enumeration of all holdings. Data were collected through direct interview.

### **Data source:**

The Brazilian Institute of Geography and Statistics. Sinopse Preliminar Do Censo Agropecuário. Censos Econômicos 1985. Volume 4. Numero 6. Rio De Janeiro. 1987.

### **Mailing address:**

Fundação Instituto Brasileiro de Geografia e Estatística (IBGE), Diretoria de Pesquisa (DPE), Av. Chile 500/10º andar, Centro, CEP 20.031-170, Rio de Janeiro RJ, Brasil.  
Internet site: <http://www.ibge.gov.br>



## BRAZIL - Agricultural Census 1985 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	5 801 809
Area (ha)	374 924 929

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	5 801 809	374 924 929
Not classified by size	8 805	-
Under 1 ha	637 311	364 431
1 and under 2 ha	617 003	833 498
2 and under 5 ha	1 043 185	3 347 286
5 and under 10 ha	767 323	5 441 421
10 and under 20 ha	815 029	11 309 866
20 and under 50 ha	907 481	28 115 016
50 and under 100 ha	437 830	30 140 278
100 and under 200 ha	283 004	37 402 696
200 and under 500 ha	174 758	53 071 677
500 and under 1000 ha	59 669	40 958 293
1000 ha and over	50 411	163 940 463

LEGAL STATUS OF THE HOLDER	Number of holdings	Area (ha)
Total	5 801 809	374 924 929
Civil persons	5 177 306	295 459 933
Corporation	262 328	32 197 472
Cooperative	52 549	35 895 083
Government	265 232	8 716 816
Others	44 394	2 655 625

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
17 640 732	8 534 911	5 349 638
of which: Holders	Male	Female
5 754 187	4 790 622	963 565

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	374 924 929
Area owned or in ownerlike possession	324 201 758
Area rented from others	16 455 723
Area operated under other forms of tenure	34 267 448

EMPLOYMENT IN AGRICULTURE	
All persons engaged in agricultural work on the holding	Total number 23 394 919

LAND USE	Number of holdings	Area (ha)
Total land	5 801 809	374 924 929
Cropland	-	52 147 708
Arable land	4986053	42 244 221
Permanent crops	2150312	9 903 487
All other land	-	322 777 221

TEMPORARY CROPS	Number of holdings	Area harvested (ha)
Wheat	142 717	2 518 086
Rice	1 679 963	5 173 330
Maize	3 461 551	12 040 441
Soybeans	420 204	9 434 686
Beans	2 676 163	5 915 575
Cassava	1 560 594	1 635 594
Cotton	438 480	2 048 772
Sugarcane	402 542	3 798 117
Tomatoes	109 769	75 455

PERMANENT CROPS	Number of holdings	Total number of trees/vines
Apples	45 782	24 469 981
Grapes	180 027	117 953 655
Oranges	888 990	211 743 952
Bananas	795 411	528 054 260
Coffe	525 610	3 826 062 430
Cacao	112 141	849 843 558

LIVESTOCK	Number of holdings	Number of head
Cattle	2 664 227	128 041 757
Pigs	2 711 658	30 481 278
Sheep	441 440	16 148 361
Goats	488 144	8 207 942
Buffaloes	11 043	619 712
Horses	1 738 928	5 693 041
Mules	655 861	1 269 279
Asses	670 333	1 121 011
Chickens	3 718 586	436 808 788
Ducks and geese	-	4 768 773
Turkeys	-	3 716 632

## CYPRUS - Agricultural Census 1994 - Explanatory Notes

### **Historical outline:**

The 1994 Census of Agriculture was the fourth agricultural census conducted in Republic of Cyprus after its independence. The previous ones were undertaken in 1960, 1977 and 1985.

### **Organization:**

The organization of the census started in 1993 after the Ministry of Agriculture and the Planning Bureau agreed for its necessity. The census was approved by the Council of Ministers, and the director of the Department of Statistics and Research (DSR) was appointed as Census Superintendent as well as chair of Census Committee which consisted of representatives of the Ministry of Finance, the Planning Bureau, the Department of Agriculture, and the Agricultural Research Institute. District Census Offices were also established for the organization of the work. The field work was carried out by 340 employees of which 320 are as enumerators and 38 as regional supervisors.

**Enumeration period:** The census was conducted during the period of 10 October 1994 up to mid January 1995.

### **Reference date:**

Data on land use refer to the calendar year 1994, while data on livestock numbers refer to 31 October 1994. For crops that were sown and harvested in two different years, such as cereals, data presented refer to data on harvested area in 1994.

### **Definition:**

The unit of enumeration is the agricultural holding, defined as a unit comprising land wholly or partly used for agricultural production and operated under the management of one person or more, without regard to title, legal status, size or location. For the landless livestock units, the holding is defined as any unit consisting of at least 5 sheep, or 5 goats, or 5 sheep and goats, or 2 cattle, or 2 pigs (sows), or 50 chickens, or 50 pairs of pigeons, or 10 rabbits, or 500 quails, or 50 turkeys, or 50 ducks, or 100 pheasants, or 30 beehives, or 5 horses, or 10 donkeys.

### **Coverage:**

The census covered all holders of agricultural land and/or livestock in the Government controlled part of Cyprus. The coverage extended to all activities related to agricultural production, including nurseries and greenhouses.

### **Frame:**

The area enumerated comprised land belonging to 392 villages and urban areas, administratively divided into 5 districts; in addition, a 24-regions stratification, based on soil and climate conditions and cropping patterns, was adopted for census purposes. The lists of the holders were provided in advance of the census. The basic lists of holders residing in the villages was prepared with the help of local authorities, while the lists of holders residing in urban and suburban areas was obtained from the Census of Population 1992 and from other sources.

### **Methods:**

The census was carried out on a complete enumeration basis. Data were collected through personal interviews with holders. A post-enumeration survey was taken shortly after completion of the census. A sample of 2460 holders (5 per cent of total), representing all districts, was randomly selected.

### **Data source:**

Ministry of Finance. Department of Statistics and Research. Census of Agriculture 1994. Agricultural Statistics. Series I. Report No. 6. April 1997.

### **Mailing address:**

Department of Statistics and Research, 13 Vironos Ave., Nicosia, Republic of Cyprus.

## CYPRUS - Agricultural Census 1994 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	52 089
Area (ha)	177 760

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	52 089	177 760
Under 1.3 ha	24 945	13 175
1.3 and under 2 ha	6 362	10 158
2 and under 5.35 ha	13 007	42 082
5.35 and under 10.70 ha	5 089	36 825
10.70 and under 20.60 ha	1 699	23 641
20.60 and under 66.89 ha	838	26 937
66.89 and under 133.78 ha	102	9 024
133.78 ha and over	47	15 918

FRAGMENTATION OF HOLDINGS INTO SEPARATE PARCELS	
Number of parcels	230 376
Number of holdings reporting:	
Total	51 278
1 parcel	15 514
2 - 3 parcels	15 435
4 - 5 parcels	7 872
6 - 9 parcels	7 132
10 parcels and more	5 325

LEGAL STATUS OF THE HOLDER	Number of holdings	Area (ha)
Total	52 089	177 760
Civil persons	51 164	160 294
Corporation	526	8 951
Cooperative	14	313
Government	145	1 675
Others	240	6 527

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	177 760
Area owned or in ownerlike possession	119 706
Area rented from others	58 054

EMPLOYMENT IN AGRICULTURE		
Hired permanent workers		
All persons	Male	Female
2 923	1 963	960

LAND USE	Number of holdings	Area (ha)
Total land	-	177 760
Agricultural land	-	120 085
Cropland	-	118 408
Arable land	-	83 644
Permanent crops	37 131	34 764
Permanent meadows/past.	360	1 677
Wood or forest land	2 390	4 612
All other land	-	53 063

TEMPORARY CROPS	Number of holdings	Area under crop (ha)
Wheat	1 317	2 829
Barley	8 495	51 193
Groundnuts	355	558
Barley for grazing	1 216	3 023
Barley for hay	1 044	3 568

PERMANENT CROPS	Number of holdings	Area in compact plantation (ha)
Apples	5 996	835
Pears	2 485	154
Peaches	5 265	523
Grapes	13 689	15 205
Oranges	6 315	2 162
Lemons	6 175	1 384
Almonds	8 360	2 355
Olives	19 985	4 633

LIVESTOCK	Number of holdings	Number of head
Cattle	527	63 809
Pigs	730	354 914
Sheep	2 218	218 597
Goats	3 979	191 222
Horses	151	950
Mules and Asses	2 151	2 674
Chickens	11 237	3 705 545
Ducks and Geese	568	13 055
Turkeys	302	59 252
Quails	110	258 401
Pigeons	3 451	165 449

## INDIA - Agricultural Census 1990-1991 - Explanatory Notes

### Historical outline:

India has been participating in every World Census of Agriculture (WCA) round since 1930. In 1930, 1950 and 1960, data were collected through sample surveys carried out by the Directorate of National Sample Survey. The 1970/71 Census is considered as the first comprehensive Census of Agriculture conducted in India. Following the decision to conduct the census on a quinquennial basis, agricultural censuses were successively undertaken with reference years 1976-77, 1980-81, 1985-86, and the one here reported, 1990-91.

### Organization:

The census was implemented as a Central Sector Plan Scheme, conducted by Department of Agriculture and Cooperation (DAC) in the Ministry of Agriculture of India. The Agricultural Census Division in the DAC was headed by a Joint Secretary who was designated as the Agricultural Census Commissioner. Each State and Union Territory (UT) of the Country was provided with a technical unit consisting of full-time officers and other staff, entrusted with agricultural census operations.

### Reference date:

The reference period for all census items is July 1990 to June 1991.

### Definition:

The statistical unit is Operational Holding, defined as the land wholly or partly used for agricultural production and operated as one technical unit by one person, alone or with others, without regard to title, legal form, size or location.

### Coverage:

The census covered the entire country.

### Frame:

In some States and UTs, the frame was given by the existing comprehensive Land Record System. In the States and UTs of which a comprehensive Land Record System did not exist, the list of all villages in each Patwari Circle or in each Revenue Inspector Circles or in Tehsils (administrative subdivisions of the District) was used.

### Methods:

- In the States/UTs having comprehensive Land Records, information on number and area of operational holdings was collected on a complete enumeration basis for all villages through retabulation of information available in the Land Records. Information on other items was collected on a sampling basis: 20% of the villages selected randomly from each Tehsil constituted the base. In these 20% villages, information on items different from number and area of holdings was compiled from the Relevant Revenue Records in respect of the resident operational holders.
- In the States/UTs where Land Records did not exist, a stratified two-stage sampling design was applied: the first stage was the village and the second one was the operational holding.
- From each District of the States, 20% of the villages were selected by a simple random sampling method. All operational holdings in the villages were listed in 5 major categories: Marginal (below 1 Ha), Small (1-2 Ha), Semi-Medium (2-4 Ha), Medium (4-10 Ha), Large (10 Ha and above). 25% of the holdings were selected from each of the first four categories, on the basis of circular systematic sampling methods, while all holdings were considered in the fifth category. For small States/UTs, the sample size could be larger than 20%.

### Data source:

Ministry of Agriculture. Department of Agriculture and Co-operation. All India Report on Agricultural Census 1990-91. New Delhi. 1998.

### Mailing address:

Ministry of Agriculture, Department of Agriculture and Co-operation, Agricultural Census Division, Room n. 120, Krishi Bhawan, Dr. Rajendra Road, 110002 New Delhi, India  
Tel. 0091 11 3782691; Fax 0091 11 386004/3384555.

## INDIA - Agricultural Census 1991 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	106 637 000
Area (ha)	165 507 000

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	106 637 000	165 507 000
Under 1 ha	63 388 000	24 894 000
1 and under 2 ha	20 092 000	28 827 000
2 and under 5 ha	16 817 000	51 223 000
5 and under 10 ha	4 686 000	31 903 000
10 ha and over	1 654 000	28 660 000

LEGAL STATUS OF THE HOLDER	Number of holdings	Area (ha)
Total	106 637 000	165 507 000
Civil persons	106 437 000	163 922 000
Others	200 000	1 585 000

LAND TENURE OF HOLDINGS	Number of holdings	Area (ha)
Total	106 637 000	165 507 000
Holdings under one form of tenure	104 214 000	160 566 000
Owned or in ownerlike possession	103 086 000	159 419 000
Rented from others	465 000	494 000
Operated under other single forms of tenure	663 000	653 000
Holdings under more than one form of tenure	2 423 000	4 941 000

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	165 507 000
Area owned or in ownerlike possession	162 955 000
Area rented from others	1 276 000
Area operated under other forms of tenure	1 276 000

LAND USE	Area (ha)
Total land	165 507 000
Cropland	152 659 000
All other land	12 848 000

TEMPORARY CROPS	Number of holdings	Area under crop (ha)
Wheat	27 299 000	24 651 000
Rice	49 473 000	43 602 000
Maize	12 474 000	5 991 000
Millet	8 209 000	11 617 000
Sorghum	13 167 000	15 349 000
Barley	3 013 000	1 162 000
Potatoes	402 000	732 000
Soybeans	1 136 000	2 236 000
Cotton	2 114 000	8 035 000
Tomatoes	160 000	52 000
Sugarcane	5 202 000	3 755 000
Pulses	-	20 366 000
Black pepper	2 556 000	194 000
Betelnut	2 889 000	171 000

PERMANENT CROPS	Number of holdings	Area (ha)
Apples	81 000	35 000
Grapes	37 000	23 000
Oranges	32 000	30 000
Pineapples	4 000	1 000
Bananas	3 829 000	325 000
Mangoes	4 488 000	501 000
Papayas	1 289 000	7 000
Cashew nuts	2 484 000	296 000

LIVESTOCK	Number of head
Cattle	204 584 000
Pigs	12 788 000
Sheep	50 783 000
Goats	115 279 000
Buffaloes	84 206 000
Horses	817 000
Mules	193 000
Asses	967 000
Camels	1 031 000

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## INDONESIA - Agricultural Census 1993 - Explanatory Notes

### **Historical outline:**

The 1993 Agricultural Census was the fourth agricultural census conducted by the Government of Indonesia. The Indonesia Agricultural Census was taken placed at first in 1963 and has been periodically conducted once in every ten years since then. The 1993 Agricultural Census covered various agricultural sub-sectors activities which each had different population characteristics and cultivation systems. Since the coverage of the census was very broad and diverse, the implementation of the census was done in several stages while the census results were presented in several publications.

### **Organization:**

The census was conducted by BPS-Statistics Indonesia, which was responsible for technical and administrative substances, including planning, organization, fieldwork, data processing, presentation and analysis. A technical team consisted of statisticians and agricultural experts from BPS as well as other agencies such as Ministry of Agriculture, National Planning Board and experts from universities in Indonesia was formed to decide type of data to be collected, review concept and definition, and design methodology and questionnaires to be used in the census. The technical team also had tasks in evaluating previous agricultural censuses and proposing solutions for previous problems. A total of 104 714 enumerators and 34 841 supervisors, either they were BPS employee or statistical partners, were specially trained to carried out the fieldwork.

### **Enumeration period:**

The fieldwork, including the updating maps and boundaries of enumeration area, building and household listing, and enumeration for each sub-sector were carried out during the period of July 1992 to October 1994

### **Reference date:**

Census data refer to the year of 1993. However, reference date is depending on census items, either the day of interview or one year period proceeding the enumeration day.

### **Definition:**

Agricultural households are considered land holding households as well as households without land, doing the following activities: paddy/secondary crops cultivation, horticulture cultivation, plantation, animal husbandry, poultry, fish catching and culture, forestry and meeting the minimum limit on the size of agricultural operation.

### **Coverage:**

The census covered all activities in agricultural sector in the whole country. The activities might be done by agricultural households as well as agricultural establishments. The agricultural census also collected data on village potential and village cooperative units. Data presented in this report, however, only refer to land holding farm household. Other agricultural holding, such as agricultural establishments, is not included.

### **Frame:**

The listing of buildings and households was done in both urban and rural areas, covered 20 per cent of total enumeration areas.

### **Methods:**

Data on village potentialities, village cooperative units, and agricultural establishments were collected using complete enumeration, while data on agricultural households covering land holding farm household, farmer's income and agricultural household were collected using sample enumeration. The sampling method used in sample census was two-stage systematic random sampling. Based on the results of the buildings and households listing, 20 percent of all Enumeration Area (EA) in the district villages were selected with probability proportionate to the number of households. Afterward, 20 percent of all holding farm households from selected EA were sampled. It was about 1,2 million holding farm households were selected to be enumerated.

### **Data source:**

BPS-Statistics Indonesia. Indonesia's Agricultural Census 1993. Organization and Activities. February 1996; The 1993 Agricultural Census Publications (10 series).

### **Mailing address:**

Bureau of Agricultural Statistics, BPS-Statistics Indonesia, Jl. Dr. Sutomo No. 6-8 Jakarta 10710 Indonesia.

## INDONESIA - Agricultural Census 1993 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	19 713 806
Area (ha)	17 145 036

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	19 713 806	17 145 036
Under 1 ha	13 955 905	5 105 398
1 and under 2 ha	3 312 218	4 254 082
2 and under 5 ha	2 175 575	5 754 989
5 and under 10 ha	232 200	1 442 915
10 ha and over	37 908	587 652

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	17 145 036
Area owned or in ownerlike possession	14 832 907
Area rented from others	2 312 129

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
29 637 430	21 241 874	8 395 556
of which: Holders	Male	Female
20 331 746	18 541 005	1 790 741

TEMPORARY CROPS	Number of holdings	Area harvested (ha)
Rice	10 972 358	-
Maize	6 177 424	-
Sorghum	73 031	-
Potatoes	90 109	31 169
Cassava	4 763 175	-
Soybeans	2 017 041	-
Tomatoes	128 160	13 905
Sweet potatoes	756 742	-
Peanuts/Groundnuts	1 558 711	-
Mungbeans	698 909	-

PERMANENT CROPS	Number of holdings	Total number of trees/vines
Apples	8 638	-
Grapes	4 216	-
Oranges	554 324	47 212 000
Pineapples	384 007	377 876 000
Bananas	3 194 147	306 873 000
Coffee	-	1 320 603 418
Rubber	-	787 935 663
Cacao	-	234 299 464

LIVESTOCK	Number of head
Cattle	8 652 879
Pigs	4 036 002
Sheep	1 970 054
Goats	4 605 952
Buffaloes	1 568 719
Horses	275 415
Chickens	102 913 110
Ducks	12 713 620
Geese	99 845
Turkeys	199 304
Quails	1 426 748
Doves	281 214
Rabbits	139 733

## IRAN - Agricultural Census 1993 - Explanatory Notes

### **Historical outline:**

Iran Agricultural Census is periodically conducted as decennial program. The first national census of agriculture was conducted in 1960 (Mehr 1339) on a sample enumeration basis. Data presented here are from General Census of Agriculture conducted in 1993.

### **Organization:**

The census was organized by the Statistical Center of Iran, Planning and Management Organization, in collaboration with the Ministry of Agriculture and Ministry of Jihad-e-Sazandegi, Islamic Republic of Iran. A total of 6859 enumerators, 2186 technical editors, 2186 crowd leaders, 710 technical assistants, and 24 supervisors were employed to carry out the field work.

### **Enumeration period:**

The census was conducted during the period of 17 October to 21 November 1993.

### **Reference date:**

Some census items refer to date of enumeration, while some others refer to previous calendar year (1371 Hejri-Shamsi).

### **Definition:**

Agricultural holding is the statistical unit of the census, defined as an economic unit of agricultural production or activities under single management without regard to title or legal form. Agricultural holdings are those meeting one or more of the following conditions:

- having or operating at least 400 m<sup>2</sup> of arable land
- having or operating at least 200 m<sup>2</sup> of land under permanent crops
- raising one or more cattle
- raising two or more sheep or goats
- raising five or more poultry
- raising honey-bees, silk worms, or fish on any scale

Agricultural production without land is also considered as a holding.

### **Coverage:**

The census covered all agricultural sectors in rural and urban areas of entire country, except forestry and pastures.

### **Frame:**

A list of agricultural holdings was prepared at the beginning of the field work.

### **Methods:**

Complete enumeration of all holdings was carried out in 17 352 enumeration areas. There was about 200 holdings in each area. Data were collected through direct interview.

### **Data source:**

Statistical Center of Iran. Detailed Results of General Census of Agriculture 1993.

### **Mailing address:**

Agricultural Statistics Department, Statistical Center of Iran, Dr. Fatemi ave., Tehran, Iran 14144.



## IRAN - Agricultural Census 1993 - Primary Results

TOTAL NUMBER AND CROPLAND AREA OF HOLDINGS	
Number	3 602 950
Cropland area (ha)	15 458 910

NUMBER AND CROPLAND AREA OF HOLDINGS CLASSIFIED BY SIZE OF CROPLAND AREA OF HOLDINGS		
Holding size classes	Number of holdings	Cropland Area (ha)
Total	3 602 950	15 458 910
Under 1 ha	1 662 040	310 720
1 and under 2 ha	423 150	544 020
2 and under 5 ha	658 330	2 001 800
5 and under 10 ha	433 550	2 897 000
10 and under 20 ha	273 940	3 547 730
20 and under 50 ha	124 420	3 449 230
50 and under 100 ha	20 650	1 300 550
100 and under 200 ha	5 160	638 650
200 and over	1 710	769 210

LEGAL STATUS OF THE HOLDER	Number of holdings
Total	3 602 950
Civil persons	3 599 890
Others	3 060

LAND USE	Number of holdings	Area (ha)
Cropland	2 808 530	15 458 910
Arable land	2 370 970	14 517 930
Permanent crops	1 450 930	940 980

TEMPORARY CROPS	Number of holdings	Area (ha)
Wheat	1 549 810	5 369 850
Rice	462 100	458 680
Maize	31 150	53 730
Sorghum	16 420	85 140
Barley	848 580	1 717 700
Potatoes	229 520	113 150
Soybeans	40 400	72 360
Cotton	82 170	117 070
Tomatoes	193 080	71 690
Sugar beets	115 420	169 160
Pulses	375 640	467 670
Melons, Cucumbers, Pumpkins	201 430	222 660
Onions	104 100	20 070

PERMANENT CROPS	Number of holdings	Total number of trees/vines
Apples	430 290	31 207 000
Pears	173 900	3 419 000
Peaches	120 240	5 394 000
Grapes	561 660	-
Oranges/Citrus	279 740	33 149 000
Pistachio	58 700	-
Dates	167 290	16 051 000
Tea	41 090	-

LIVESTOCK	Number of holdings	Number of head
Cattle	1 376 440	5 128 000
Sheep	1 193 770	37 420 000
Goats	1 080 070	18 923 000
Buffaloes	54 780	218 000
Horses	-	133 076
Mules	-	115 927
Asses	-	1 176 631
Chickens	2 446 730	23 529 000
Ducks, Geese, Turkeys	-	9 599 000

## ISRAEL - Agricultural Census 1995 - Explanatory Notes

### Historical outline:

The first census of agriculture in Israel was conducted in 1971 and the second in 1981. Data presented here refer to the 1995 Agricultural Survey, which is considered as the third nation-wide census of agriculture conducted in the country.

### Organization:

The Survey was commissioned by the Ministry of Agriculture (MOA) and carried out by the Agriculture Division of the Central Bureau of Statistics (CBS). For the organization of the survey, the MOA and the CBS formed a joint steering committee, accompanied by a public advisory committee headed by the Director of the Rural Planning and Development Authority of the Ministry of Agriculture.

### Enumeration period:

The field work took place from late 1995 up to the first half of 1996.

### Reference date:

The reference period for land area used for crops and livestock is the calendar year 1994.

### Definitions:

Agricultural Farm is considered an economic unit engaged in agriculture, whose estimated gross added value is greater than NIS 3000 (in 1995). Smaller units are not considered as farms for the purposes of the survey.

Types of farm:

Collective Farm: qibbuz or collective moshav or a farm shared by several qibbuzim

Multi-partner Farm on a Moshav: farm owned by the moshav association or by more than five families

Family A: a farm belonging to a family or up to 5 families in which at least one household member works on the farm

Family B: a farm belonging to a family, but whose members do not work on it.

### Coverage:

The survey covered farms in all sectors and all forms of settlement in the whole country. In Judea, Samaria and Gaza area, the survey included only Jewish Farms.

### Frame:

A framework of agricultural farms was prepared, consisting list of agricultural units.

- In *Qibbuzim* and *Collective Moshavim* sector, each locality was considered as a single farm, consequently, the frame for the sector was the official list of localities.
- For *Moshavim*, lists of farmers and families were prepared after visiting the moshavim.
- For Private farms in the rural and urban sector, the CBS gathered lists of growers and landholders from the various production councils, organizations and local bodies, and combined them into a single list.
- In all Arab and others sector, lists of growers were prepared by the CBS.
- A list of large farms was obtained from each of the Agriculture Ministry districts.

### Methods:

- All farms in *Qibbuzim* and *Collective Moshavim* sector were surveyed.
  - The *Moshavim* were sampled in two stages: first 130 were selected, and from them 2100 family farms were sampled.
  - For Private Farms in the rural and urban sector, 400 family farms out of 2700 were sampled.
  - In the Arab localities, 500 farms growers were sampled, including 110 *Bedouin* farms in the Negev.
- The survey estimates were obtained by multiplying the data from the sampled farm unit by an inflation coefficient that was the reciprocal of the probability of sampling this unit.

Two types of questionnaires were used: one was for the family farms and uninhabited farms, and the other was for qibbuz and collective moshav.

### Data source:

Central Bureau of Statistics. Agricultural Survey 1995. Publication No. 1081.

### Mailing address:

Mr. Meir Rotschild, Central Bureau of Statistics, Hakinya, Romema, P.O.B. 13015, Jerusalem 91130, Israel.

Tel. 02-6553364; 02-6553277; 03-5615840

## ISRAEL - Agricultural Census 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	25 448
Area (ha)	361 080

CROPLAND AREA OF HOLDINGS CLASSIFIED BY SIZE OF HOLDINGS	
Holding size classes	Area (ha)
Total	314 230
Under 0.5 ha	781
0.5 and under 1 ha	2 692
1 and under 2 ha	8 087
2 and under 4.2 ha	15 629
4.2 and under 11.2 ha	21 524
11.2 ha and over	265 517

LAND USE	Area (ha)
Total land	361 080
Cropland	314 230
Arable land	238 290
Permanent crops	75 940
All other land	46 850

TEMPORARY CROPS	Number of holdings	Area (ha)
Field crops	4 995	200 922
Vegetables	5 289	46 032
Flowers	3 155	3 952

PERMANENT CROPS	Number of holdings	Area in compact plantation (ha)
Citrus fruits	6 307	24 635

LIVESTOCK	Number of holdings	Number of head
Cattle	1 956	339 119
Sheep and Goats	2 235	304 892
Chickens	-	109 819
Geese	49	1 237
Turkeys	348	9 075

MEMBERS OF THE HOLDER'S HOUSEHOLD	
All persons	229 022

## JAPAN - Agricultural Census 1995 - Explanatory Notes

### Historical outline:

Japan participated for the first time in the Programme of the World Census of Agriculture in 1930. Since 1950, Japan has been conducting quinquennial censuses of agriculture. The sample surveys with the similar items of the census are carried out in the years when the census is not taken place. Data presented here refer to the 1995 Agricultural Census.

### Organization:

The Ministry of Agriculture, Forestry and Fisheries was responsible for the organization of census. About 200 000 enumerators and 11 100 supervisors were employed in the field work.

### Enumeration period:

The bulk of enumeration took place in the period of 1 to 14 February 1995.

### Reference date:

Data on inventory items refer to 1 February 1995 except in Okinawa, where data refer to December 1994. Other data refer to 12 months preceding the census.

### Definition:

The following groups of farm households are defined:

Farm household is a household that manage at least 0.1 Ha of cultivated land or has agricultural products' sales of at least 150 000 yen in the year prior the date of the census.

Commercial farm household is a farm household with at least 0.3 Ha of cultivated land or at least 500 000 yen of sales of agricultural products in the year prior to the census.

Non Commercial farm household is a farm household with less than 0.3 Ha of cultivated land and less than 500 000 yen of sales of agricultural products in the year prior to the census.

### Coverage:

The census covered the entire country. All sectors of agriculture were covered.

### Frame:

Checklists of all households that might be the farm households were prepared by personnel of municipalities. On the basis of these checklists some basic data were collected and the final lists of farm households were prepared at the time of actual survey. About 200 000 rural communities were used as Enumeration Areas, assigned to enumerators for data collection. There were, on average, 45 communities in each municipality and 23 farm households in each community.

### Methods:

Data were collected through direct interview method. Four different questionnaires were used:

1. Questionnaire for farm households.
2. Questionnaire for agricultural holdings other than farm households.
3. Questionnaire for agricultural services enterprises.
4. Questionnaire for General Survey of Farming, Region Environment.

### Data source:

Ministry of Agriculture, Forestry and Fisheries. Statistics and Information Department. Report on the findings of the 1995 Census of Agricultural in Japan. June 1997.

### Mailing address:

Ministry of Agriculture, Forestry and Fisheries, Statistics and Information Department, 2-1, 1-chome, Kasunigaseki, Chyoda-ku, Tokio, Japan.

## JAPAN - Agricultural Census 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	3 453 550
Cropland area (ha)	4 282 000

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF CROPLAND AREA OF HOLDINGS (civil persons only)		
Holding size classes	Number of holdings	Cropland area (ha)
Total	3 444 000	4 120 000
Under 1 ha	2 359 000	1 037 000
1 and under 2 ha	688 000	948 000
2 and under 5 ha	315 000	894 000
5 and under 10 ha	46 000	316 000
10 and under 20 ha	19 000	287 000
20 and under 50 ha	14 000	423 000
50 ha and above	3 000	215 000

LEGAL STATUS OF THE HOLDER	Area (ha)
Total	3 453 550
Civil persons	3 443 550
Corporation	5 688
Cooperative	486
Government	1 058
Others	2 768

EMPLOYMENT IN AGRICULTURE	Total
Holders and members of their households engaged mainly in agriculture	4 902 000

LAND USE	Number of holdings	Area (ha)
Cropland	3 453 550	4 282 000
Arable land	-	3 972 000
Permanent crops	735 000	310 000

TEMPORARY CROPS	Number of holdings	Area harvested (ha)
Wheat	117 345	135 366
Rice	2 300 678	1 959 427
Barley	20 747	13 176
Potatoes	1 198 720	85 934
Soybeans	454 431	27 335
Tomatoes	1 114 599	4 770
Sugarcane	17 077	13 608
Cucumbers	1 477 802	6 497
Tobacco	33 860	26 843
Green tea	93 544	36 822

PERMANENT CROPS (Compact plantation)	Number of holdings	Area (ha)
Apples	78 437	41 267
Pears	40 302	16 307
Peaches	43 510	9 499
Grapes	51 152	16 117
Chestnuts	80 993	18 129
Mandarins	115 174	53 304
Apricots	69 402	11 214

LIVESTOCK	Number of holdings	Number of head
Cattle	-	4 989 000
Pigs	22 100	10 621 000
Sheep	1 550	24 900
Goats	7 120	31 000
Horses	4 850	28 000
Broilers	7 860	145 950 700

## THAILAND - Agricultural Census 1993 - Explanatory Notes

### **Historical outline:**

The first Agricultural Census in Thailand was conducted in 1950, the second in 1963, and the third in 1978. The fourth agricultural census, to which data here presented refer, was postponed to 1993 from its initially planned for 1988 to follow the 1990 Population Census. Two Intercensal Surveys of Agriculture were also carried out in 1983 and 1988.

### **Organization:**

The 1993 Agricultural Census was organized and conducted by the National Statistical Office. The field work was conducted by 25 800 enumerators and 5 000 supervisors recruited for this purpose.

### **Enumeration period:**

Census enumeration was carried out during the period 15 April to 5 May 1993.

### **Reference date:**

Most data refer to the census day of 1 April 1993. Figures regarding crops and employment refer to the period 1 April 1992 to 31 March 1993.

### **Definition:**

A holding is defined as an economic unit of agricultural production under single management, comprising all livestock kept and all land used wholly or partly for agricultural production purposes. Minimum size of holding is defined as:

- the area operated of two rai (1 rai = 0.16 ha) and over; or
- two or more heads of cattle and/or buffaloes; or
- five or more pigs; or
- one hundred or more chicken and/or ducks; or
- income earned from selling crops or animals or animal products during the last 12 months mounting to 6 500 baths and over.

### **Coverage:**

The Agricultural Census covered entire national territory and all types of agricultural holdings.

### **Methods:**

Data were collected using the interview method. A combination of complete and sample enumeration was applied. The questionnaire was divided in two parts: the first part was used for collecting basic data on agricultural structures from all holdings while the second was used for collecting other data from a 25 percent sample of holdings.

### **Data source:**

Office of the Prime Minister. National Statistical Office. 1993 Agricultural Census.

### **Mailing address:**

Statistical Data Bank and Information Dissemination Division, National Statistical Office, Larn Lunang Rd. Bangkok, Thailand.

## THAILAND - Agricultural Census 1993 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	5 647 490
Area (ha)	19 002 071

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Total area (ha)
Total	5 647 490	19 002 071
Under 1 ha	1 114 038	574 967
1 and under 1.6 ha	745 982	877 737
1.6 and under 4.8 ha	2 542 125	6 867 882
4.8 and under 9.6 ha	973 871	6 086 702
9.6 and under 16.0 ha	199 737	2 287 102
16.0 and under 28.8 ha	54 625	1 045 482
28.8 and under 40.0 ha	8 272	270 334
40.0 and under 80.0 ha	6 126	317 449
80.0 and over	2 714	674 416

FRAGMENTATION OF HOLDINGS INTO SEPARATE PARCELS	
Number of holdings reporting:	
Total	5 647 490
1 parcel	3 259 122
2 - 3 parcels	2 014 247
4 - 5 parcels	304 437
6 parcels and more	69 684

LEGAL STATUS OF THE HOLDER	Number of holdings	Area (ha)
Total	5 647 490	19 002 071
Civil persons	5 644 708	18 826 413
Corporation	1 563	146 135
Others	1 219	29 523

LAND TENURE OF HOLDINGS	Number of holdings	Area (ha)
Total	5 647 490	19 002 071
Holdings under one form of tenure	5 112 329	16 220 195
Owned or in ownerlike possession	4 374 303	13 863 364
Rented from others	411 410	1 163 053
Operated under other single forms of tenure	326 616	1 193 778
Holdings under more than one form of tenure	535 161	2 781 876

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	19 002 071
Area owned or in ownerlike possession	15 200 535
Area rented from others	2 276 160
Area operated under other forms of tenure	1 525 376

MEMBERS OF THE HOLDER'S HOUSEHOLD		
All persons	Male	Female
23 972 524	11 912 444	12 060 080

LAND USE	Number of holdings	Area (ha)
Total land	-	19 002 071
Agricultural land	-	18 052 980
Cropland	-	17 817 827
Arable land	-	14 756 321
Permanent crops	-	3 061 506
Permanent meadows and pastures	120 377	235 153
Wood or forest land	112 716	281 633
All other land	-	667 458

TEMPORARY CROPS	Number of holdings	Area sown (ha)
Rice	4 156 106	10 786 592
Maize	428 471	112 057
Sorghum	20 380	852 631
Mang beans	73 071	143 921
Cassava	667 507	1 468 851
Soybeans	162 854	254 433
Cotton	21 064	23 534
Jute	27 956	25 326
Sugarcane	163 554	858 741
Kenaf	106 834	103 844
Sesame	20 499	36 633
Peanuts	88 889	46 206

PERMANENT CROPS	Number of holdings	Total number of trees/vines
Apples	211 362	13 470 553
Pears	1 124	149 057
Peaches	3 061	594 352
Mangoes	1 118 174	47 213 671
Tangerines	17 491	9 544 113
Coffee	43 626	55 671 870
Bananas	528 258	82 550 678
Tea	7 707	91 755 103
Rubber	529 868	-
Coconut	632 715	32 162 389

LIVESTOCK	Number of holdings	Number of head
Cattle	1 263 431	8 336 874
Pigs	590 616	6 185 953
Sheep	8 964	87 463
Goats	26 269	118 319
Buffaloes	1 425 152	4 709 304
Ducks	2 617 416	154 921 930
Geese	809 832	20 459 803
Turkeys	30 414	486 922
Silkworms	211 249	-

EMPLOYMENT IN AGRICULTURE		
Holders and household members engaged mainly in agriculture	Total	14 848 888
	Male	7 303 278
	Female	7 545 610

## VIET NAM - Agricultural Census 1994 - Explanatory Notes

### **Historical outline:**

The Viet Nam Agricultural Census 1994 was the first National Census of Agriculture conducted in Viet Nam.

### **Organization:**

The census was organized by the Department of Agriculture, Forestry and Fishery of the General Statistical Office (GSO), in collaboration with other relevant agencies such as the Ministry of Planning and Investment, the Ministry of Agriculture and Food Industry, the Ministry of Fishery, the Ministry of Finance, the General Cadastral Office, and the Central Economic Committee. For conducting and implementing the census, a technical working group was set up at central level while the guiding boards were set up with the participation of the relevant offices at the provincial, district and commune levels.

### **Enumeration period:**

The starting date of enumeration period was 1 July 1994. In order to avoid the rainy season, some localities in remote highland areas were allowed to start the fieldwork before 1 July.

### **Reference date:**

The census reference year is the twelve-month period from 1 July 1993 to 30 June 1994.

### **Coverage:**

The census had a nation-wide coverage. It covered all households, organizations, establishments and farms in the rural areas engaged in agriculture, forestry or fishery. In addition, in order to have a comprehensive picture of agriculture, forestry and fishery throughout the country, coverage was expanded to urban areas in some big cities and industrial provinces. However, the figures presented here are those related to agricultural households in the rural areas only.

### **Frame:**

A list of households from the administrative records, such as resident registers, was used as frame for the census.

### **Methods:**

The census consisted of two parts:

- Part 1: Basic information was collected in 1994 through complete enumeration of all rural households, communes, enterprises and establishments involved in agriculture, forestry or fishery.
- Part 2: Data on income, expenditure, economic structure and production efficiency (both crop and animal production) were collected in 1995 by sample survey.

The direct interview method was applied in both parts of census.

### **Data source:**

Kết quả tổng điều tra nông thôn và nông nghiệp năm 1994. Hanoi 1995.

### **Mailing address:**

General Statistical Office (SRV), 2 Hoang Van Thu Street, Hanoi, Viet Nam.  
Tel. 8463501, 8463539. Fax 84-4-8464345.



## VIET NAM - Agricultural Census 1994 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	9 528 896
Agricultural area (ha)	4 948 302

NUMBER OF HOLDINGS CLASSIFIED BY SIZE OF AGRICULTURAL AREA OF HOLDINGS	
Holding size classes	Number of holdings
Total	9 528 896
Holdings without land	109 116
Under 0.2 ha	2 567 689
0.2 and under 0.5 ha	4 189 179
0.5 and under 1 ha	1 546 642
1 and under 3 ha	1 002 523
3 and under 5 ha	93 343
5 and under 10 ha	18 572
10 ha and over	1 832

LAND USE	Area (ha)
Agricultural land	4 948 302
Cropland	4 925 154
Arable land	4 234 788
Permanent crops	690 366
Permanent meadows/pastures	23 148

TEMPORARY CROPS	Area sown (ha)
Rice	6 598 600
Maize	534 700
Cassava	262 200
Soybeans	132 000
Sugarcane	166 600

PERMANENT CROPS	Area (ha)
Oranges	55 828
Pineapples	29 792
Bananas	93 934

LIVESTOCK	Number of head
Cattle	3 266 129
Pigs	15 701 444
Buffaloes	2 872 365
Chickens	92 872 329
Ducks	32 882 381

## GERMANY - Agricultural Survey 1995 - Primary Results

### Historical outline:

The first Agricultural Census in Germany was taken place in 1949. Since then, the Census was conducted periodically once in approximately every ten years; i.e. in 1960, 1971, 1979, and 1991. In the intervening years, agricultural reports were carried out as an exhaustive survey in every fourth years and as a sample survey in the other years. Data presented here are from the 1995 sample survey.

### Organization:

The survey was conducted by Federal Statistical Office, which was responsible for the methodological, technical and organisational preparation of the survey. The Ministry for Food, Agriculture and Forestry and the Regional Statistical Offices were also involved in some part of the work. The enumerators and other authorities responsible for carrying out the field work of the survey should participate in training which were carried out in each region.

### Enumeration period:

Survey on livestock was carried out on 3 December 1994, while data on land use and labour force were collected in May and April 1995 respectively.

### Reference date:

Data on livestock refer to its enumeration day: 3 December 1994. Figures regarding land use and labour refer to the 12 months preceding the survey.

### Definition:

Holdings are technical and economic units which have a single management and the output of which are agricultural and forestry products. Agricultural holdings are holdings whose utilised agricultural area corresponds to at least one tenth of their wooded area.

The survey units are agricultural holdings:

with a utilised agricultural area of at least one hectare.

with natural production units which correspond to the average annual value of the market production of one hectare of utilised agricultural area.

with a wooded area of at least one hectare.

### Coverage:

The survey covered agricultural holdings of the entire country.

### Frame:

The register of holdings, which was continuously checked and updated, was used as frame for the survey. The register of holdings was compiled and managed in the Regional Statistical Offices.

### Methods:

The 1995 Survey employed 18 per cent of sampling rate. The sampling method applied for drawing sample was a combination of systematic and random sample. Agricultural Report 1993 was used as the sample frame. Stratification is on a regional basis, by *Länder*. There were 20 strata which its stratification characteristics and thresholds were determined by methodological criteria and experience. Data collection was carried out either through interview or by post.

### Data source:

European Commission. Farm Structure: Methodology of Community Survey. Theme 5. Series E. 1996; Farm Structure: 1995 Survey. Main Results. 1999.

### Mailing Address:

Statistisches Bundesamt, Gustav, Stresemann, Ring 11, D-65189 Wiesbaden, Germany.

E-Mail: [Info@Statistik-Bund.de](mailto:Info@Statistik-Bund.de)

## GERMANY - Agricultural Survey 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	566 900
Area (ha)	18 617 900

NUMBER AND AGRICULTURAL AREA OF HOLDINGS CLASSIFIED BY SIZE OF AGRICULTURAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Agricultural area (ha)
Total	566 900	17 156 900
Under 2 ha	90 600	103 000
2 and under 5 ha	88 600	294 800
5 and under 10 ha	84 000	605 300
10 and under 20 ha	100 000	1 457 300
20 and under 50 ha	132 300	4 215 000
50 and under 100 ha	51 600	3 506 000
100 ha and over	19 800	6 975 500

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Agricultural area (ha)
Total	17 156 900
Area owned or in ownerlike possession	6 531 400
Area rented from others	10 446 200
Area operated under other forms of tenure	179 300

EMPLOYMENT IN AGRICULTURE	Total
Holders and members of their households engaged mainly in agriculture	1 147 100
Hired permanent workers	178 100

LAND USE	Number of holdings	Area (ha)
Total land	566 900	18 617 900
Agricultural land	-	17 156 900
Cropland	-	11 987 500
Arable land	433 300	11 786 100
Permanent crops	72 700	201 400
Permanent meadows/past.	446 100	5 169 400
Wood or forest land	291 600	1 461 000

TEMPORARY CROPS	Number of holdings	Area (ha)
Wheat	260 000	2 567 200
Maize	45 100	319 000
Barley	286 400	2 103 100
Potatoes	132 900	317 200
Sugar beets	52 900	509 200

LIVESTOCK	Number of holdings	Number of head
Cattle	287 100	15 731 000
Pigs	206 400	24 297 500
Sheep	38 900	1 980 300
Horses, Mules and Asses	74 400	391 700
Poultry	187 900	96 000 000

## GREECE - Agricultural Survey 1995 - Primary Results

### Historical outline:

Surveys on the structure of agricultural holdings in Greece are carried out either as full or sample surveys. Exhaustive censuses have been conducted regularly in every ten years since 1950 while sample surveys were carried out in 1966/1967 for the first and in 1977/1978 for the second time. Since 1983, following Greece's accession to the European Community, the surveys of agricultural and livestock holdings have been carried out in every two years, the same intervals as the Community surveys. Data presented here are from the 1995 sample survey.

### Organization:

The Structure of Agricultural and Livestock Holdings Division, Directorate for the Primary Sector, was responsible for the preparation and technical details of the survey whilst the Methodology Division was responsible for the methodological matters. The compilation of documents with personal data was the responsibility of the Informatic Division.

### Enumeration period:

Survey was carried out during the period 30 September 1995 to 30 November 1996.

### Reference date:

Data on livestock refer to 30 September 1995. Figures regarding land use and labour force refer to the period 1 October 1994 to 30 September 1995.

### Definition:

Agricultural holdings are economic units that are subject to uniform management and produce agricultural products.

The survey units are agricultural holdings:

1. with a utilised agricultural area of at least one stremma (0.1 hectare). Utilised agricultural area includes arable land, kitchen gardens, permanent pasture and permanent crops.
2. with a utilised agricultural area of less than one stremma (0.1 hectare) provided that on 30 September of the survey year, the holding has at least one cow or two heads of other livestock, or at least 5 heads of small livestock (sheep, goats or pigs), or more than 50 heads of poultry, or more than 20 beehives.

### Coverage:

The survey covered agricultural holdings whose managers were permanently resident on the holding, even if temporarily absent.

### Frame:

The register of holdings, which was continuously checked and updated, was used as frame for the survey.

### Methods:

Multistage stratified random sampling of area was applied with a ten per cent sample; 3 strata from urban character and 3 strata from less-favoured areas and others. General Agricultural and Livestock Census 1991 was used as sampling base. Data were collected through personal interview.

### Data source:

European Commission. Farm Structure: Methodology of Community Survey. Theme 5. Series E. 1996; Farm Structure: 1995 Survey. Main Results. 1999.

### Mailing address:

National Statistical Office, Division of Census, Lycourgon St., Athens, 10166, Greece.

## GREECE - Agricultural Survey 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	802 400
Area (ha)	3 609 000

NUMBER AND AGRICULTURAL AREA OF HOLDINGS CLASSIFIED BY SIZE OF AGRICULTURAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Agricultural area (ha)
Total	802 400	3 578 200
Under 2 ha	354 500	315 300
2 and under 5 ha	248 700	786 900
5 and under 10 ha	120 000	818 700
10 and under 20 ha	54 000	731 500
20 and under 50 ha	21 800	625 800
50 and under 100 ha	2 700	172 400
100 ha and over	700	127 600

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Agricultural area (ha)
Total	3 578 200
Area owned or in ownerlike possession	2 637 700
Area rented from others	898 500
Area operated under other forms of tenure	42 000

EMPLOYMENT IN AGRICULTURE	Total
Holders and members of their households engaged mainly in agriculture	1 557 500
Hired permanent workers	9 200

LAND USE	Number of holdings	Area (ha)
Total land	802 400	3 609 000
Agricultural land	-	3 578 200
Cropland	-	2 994 300
Arable land	469 800	1 971 200
Permanent crops	562 500	1 023 100
Permanent meadows/past.	90 900	583 900
Wood or forest land	13 300	30 800

TEMPORARY CROPS	Number of holdings	Area (ha)
Wheat	129 900	756 000
Rice	7 100	28 000
Maize	97 900	153 500
Barley	66 400	104 000
Potatoes	49 700	24 700
Sugar beets	2 100	37 600

LIVESTOCK	Number of holdings	Number of head
Cattle	40 100	520 200
Pigs	33 700	847 600
Sheep	151 200	8 328 100
Goats	174 400	5 009 100
Horses, Mules and Asses	55 800	71 400
Poultry	416 900	27 090 000

## FRENCH POLYNESIA - Agricultural Census 1995 - Explanatory Notes

### Historical outline:

The French Polynesia Agricultural Census 1995, to which data presented here refer, was the first National Census of Agriculture conducted in French Polynesia.

### Organization:

The census was organized by the Institut Territorial de la Statistique (I.T.STAT.), in collaboration with the Service du Développement Rural (SDR) and the Chambre d'Agriculture et d'Élevage de Polynésie Française (CAEPF). The Service Central des Enquêtes et Etudes Statistiques (SCEES) of the Ministère de l'Agriculture, de la Pêche et de l'Alimentation of France mainland provided the financial support for the census.

### Enumeration period:

A preparatory phase took place at the beginning of 1995 and lasted approximately for six months. The enumeration phase started in September 1995 and was completed in March 1996. A third phase, dealing with data quality control, lasted from April to September 1996. Approximately 70 staff members of I.T.STAT, CAEPF and SDR, and 20 hired enumerators participated in the data collection.

### Reference date:

Data refer to the agricultural year 1995. Data on livestock refer to the day of enumeration.

### Definitions:

*Superficie agricole utilisée* includes arable land, fallow land, land under permanent crops, land under permanent meadows and pastures, and kitchen gardens.

*Superficie agricole utile* includes *superficie agricole utilisée* plus land occupied by buildings, roads, and ditches as well as unproductive land.

*Superficie totale* includes *superficie agricole utilisée*, wood or forestland, and all other land not suitable for agriculture.

Agricultural holding is an economic unit of agricultural production, totally or partially participating in the agricultural production, and satisfying at least one of the following conditions:

- having or operating 3 000 square meters of *superficie agricole utile*;
- having or operating 1 000 square meters of *superficie agricole utilisée*;
- having or operating 200 square meters of land under specialized cultivations;
- cultivating 20 scattered fruit trees;
- having 1 head of cattle, or 3 head of pigs of at least 20 kilos weight, or 5 goats, or 5 sheep;
- having 25 laying hens, or 50 poultry, or 10 female rabbits for fattening, or 5 beehives.

Agricultural holdings growing coconut trees only for copra production are not included in the census but were object of a specific survey.

### Coverage:

The census covered the entire territory of French Polynesia.

### Methods:

Complete enumeration of holdings was carried out through direct interview.

### Data source:

L'Agriculture Polynésienne. Recensement de l'Agriculture 1995. Principaux Résultats.

### Mailing address:

Institut Territorial de la Statistique de Polynésie Française, BP 395, 98713 Papetee (Tahiti), Polynésie Française.

Tel. (689) 54 32 32; FAX: 42 72 52; E-Mail: itstat@mail.pf

## FRENCH POLYNESIA - Agricultural Census 1995 - Primary Results

TOTAL NUMBER AND AREA OF HOLDINGS	
Number	6 223
Area (ha)	30 484

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Agricultural area (ha)
Total	6 223	18 534
Under 1 ha	4 789	1 561
1 and under 2 ha	733	1 003
2 and under 7.5 ha	493	1 662
7.5 and under 20 ha	98	1 190
20 ha and over	110	13 118

LEGAL STATUS OF THE HOLDER	Number of holdings
Total	6 223
Civil persons	6 143
Others	80

AREA OF HOLDINGS BY TENURE OF LAND OPERATED	Area (ha)
Total	18 534
Area owned or in ownerlike possession	11 251
Area rented from others	5 451
Area operated under other forms of tenure	1 832

EMPLOYMENT IN AGRICULTURE		
Holders and household members engaged mainly in agriculture	Total	32 109
	Male	16 950
	Female	15 159
Hired permanent workers	Total	650
	Male	553
	Female	97

LAND USE	Area (ha)
Total land	30 484
Agricultural land	18 534
All other land	11 950

LAND CROPS	Number of holdings	Area under crop (ha)
Maize	41	7
Potatoes	387	28
Cassava	1 172	78
Tomatoes	313	29
Sugarcane	29	8
Cocoyams	2 057	299
Vegetables	899	363
Fei	1 027	974

PERMANENT CROPS	Number of holdings	Area in compact plantation
Apples	18	2
Oranges	233	111
Pineapples	584	287
Bananas	2 053	450
Plantains	477	74
Coconut	474	371
Lemons	762	235
Avocados	100	55

LIVESTOCK	Number of holdings	Number of head
Cattle	305	8 037
Pigs	1 689	33 644
Sheep	23	722
Goats	439	27 286
Horses	455	2 527
Chickens	-	293 142
Ducks	61	2 028
Rabbits	42	1 648
Beehives	79	1 642