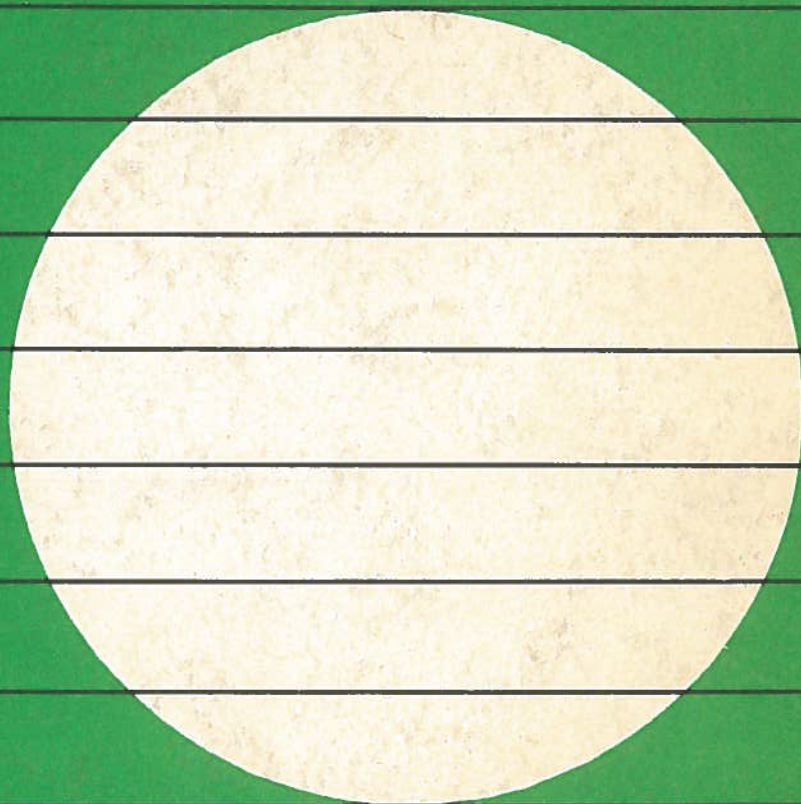


1970 WORLD CENSUS OF AGRICULTURE

ANALYSIS AND INTERNATIONAL
COMPARISON OF THE RESULTS



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ANALYSIS AND INTERNATIONAL COMPARISON OF THE RESULTS

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Rome, 1981

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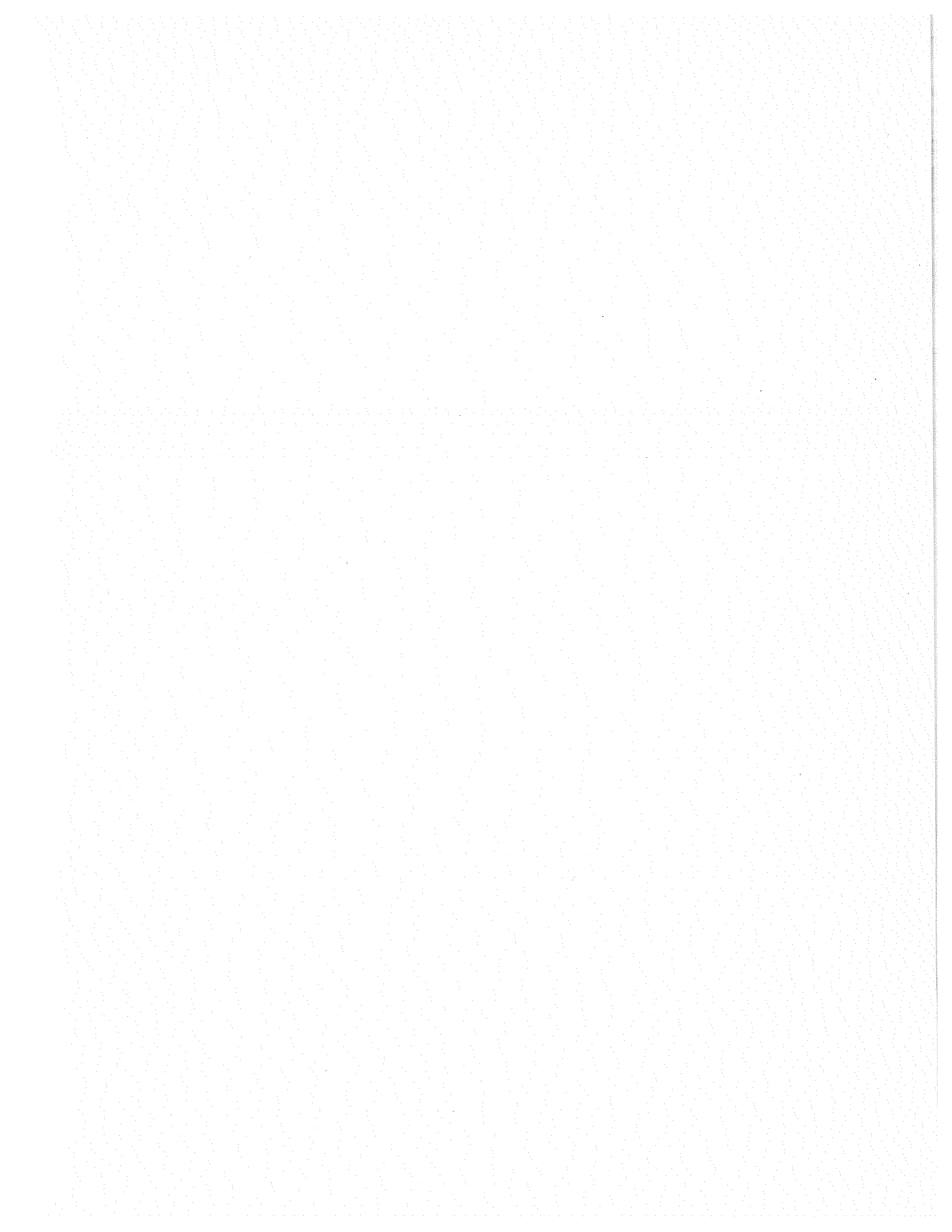
FOREWORD

FAO has been promoting decennial programmes of the World Census of Agriculture (WCA) since 1950, and the 1970 Programme was the third in that series. The countries that participated in the 1970 WCA, in general communicated to FAO their national census reports, prepared in diverse forms and languages. As soon as these national reports were reviewed they were processed in standard form, using the terminology and presentation suggested in the Programme for the 1970 WCA. The processed results, for a few countries at a time, were published regularly in Census Bulletins. Information dealing with the concepts, definitions and methodology of census taking, as applied by countries in the 1970 WCA, was issued separately in a publication entitled "Report on the 1970 World Census of Agriculture".

This publication provides, in an internationally comparable form, a summary of data describing the main characteristics of agricultural structures, such as number and area of agricultural holdings, land tenure, agricultural holders and land use. It contains data from 89 countries: 78 countries which issued complete and final census reports and 11 countries which issued only preliminary or partial reports. In addition, it contains comparable data, when available, for those countries which participated in the 1950 and 1960 WCA in order to provide a broader picture of the changes in agricultural structures which have occurred during the period 1950-1970. To facilitate further studies, particularly of the group of holdings with small areas, the data are tabulated, whenever possible, by appropriate size classes of areas of agricultural holdings.

There are numerous limitations which affect the comparability of data amongst countries and this should be kept in mind when studying the summary results of national censuses presented in this publication. Some of the more serious limitations are the following: time reference, definition of agricultural holding, scope and coverage. These are discussed to the extent feasible in the publication. Attempts were made wherever practicable to take care of apparent data errors. However, no claim is made here as to the reliability of reported data. Subject to these limitations, the comprehensive tabulations presented here may serve as a useful background for the study and development of related indicators of agrarian reform and rural development and may also be useful for planning and/or improving future national agricultural censuses.

The draft of this publication was prepared by an FAO Consultant, Mr. Dobrosav Tadić, Director of Economic Statistics, Federal Statistical Office, Belgrade, Yugoslavia, who worked closely with the staff of the Statistical Development Service of the Statistics Division.



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R E M A R K S

Geographic areas

The forms of presentation in this report does not imply official endorsement or acceptance by FAO of the 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.

Totals

Totals are given in many tables for a group of countries for which data are presented with number of countries presented shown in parenthesis. In cases of continents or regions, these totals do not represent totals for all countries in the region but only for those countries listed in the table. Totals are given so that the user will have a measure of the magnitude of the data for a group of countries.

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

These symbols appear in the tables throughout:

Category not applicable or data not available: ...

Magnitude 0 or less than half the unit specified: -

1. INTRODUCTION

Social and economic development of the agricultural sector and of rural areas in general is to a great extent affected by the state of and changes in the agricultural structure of the countries. The distribution of land and other resources among farmers, the "rights" under which agricultural land is operated, the system of land use, the relative size of operational units engaged in agricultural activity, as well as the ability and knowledge of the farming population to implement advanced production technology in most cases have a direct functional impact on the performance and efficiency of the whole agrarian and rural sectors and the implementation of agrarian reform and rural development programmes. Agriculture is one of the dynamic sectors of the economy in many countries and regions of the world. Studies on development and magnitude of modification in agricultural structure reveal trends of adjustments and the rate at which rationalization of farm structure is being carried out. A general idea of the extent and direction of changes in world and regional agricultural structure and rural development can be derived through analysis of data available from the national census reports of countries that participated in the decennial world census of agriculture programmes promoted by the Food and Agriculture Organization of the United Nations (FAO) since 1950. Although the census of agriculture provides quantitative information on only some main elements of farming structure, using the agricultural holding as a unit of observation, and although not all countries of the world participated in the decennial world agricultural censuses, the data available may be adequate for providing an overall indication of structural changes in the agriculture sector.

1.1 Census of agriculture

An agricultural census is, in one sense, an inventory of the resources used in agriculture - people, land, livestock, machinery, equipment, energy sources and other inputs - and of agricultural production - the plant and animal products resulting from the biological processes. A census of agriculture may be defined as a government sponsored operation for the collection of quantitative information on agricultural structure, using as unit of enumeration the agricultural holding and covering the whole country within a single agricultural year. The coverage of the country may be achieved either by complete enumeration or by sampling. Each of the decennial world census of agriculture programmes prepared by the FAO since 1950 provided an almost comprehensive framework for the taking of national agricultural censuses.

The preparation of the first world census of agriculture programme was initiated in 1924 by the International Institute of Agriculture (IIA), Rome. It was implemented in or around 1930 under the auspices of the IIA in which 63 countries and territories participated. The IIA planned for a second world census of agriculture programme for 1940 but the implementation did not materialize because of the second world war. The FAO, which had replaced the IIA in 1945, took over the work on the preparation of the decennial world census programmes started by the IIA. The FAO sponsored and provided leadership, expert assistance and guidance for the developing countries that participated in the programmes for the 1950, 1960 and 1970 World Censuses of Agriculture, in addition to the 1980 Programme now being implemented.

The main objectives of the World Census of Agriculture were:

1. to provide, as far as possible, accurate and comparable information, relevant to socio-economic developments on the structure of agriculture by supplying an agricultural inventory and structural and other data on physical and economic characteristics of holdings and socio-economic characteristics of holders for each country;
2. to serve as a basis for collecting current agricultural statistics by providing benchmarks and sampling frames for current surveys; and
3. to provide an organizational foundation with trained personnel for collecting, compiling and analyzing agricultural statistics in the statistically less developed countries.

For a more detailed description of the FAO decennial census programmes reference may be made to the Programme for the 1970 World Census of Agriculture (1970 Programme) and the Report on the 1970 World Census of Agriculture.

1.2 Purpose of the report

The main purpose of this report is to present national data from the census enumeration of agricultural holdings around 1970 on a systematic and comparable basis following the broad framework of the 1970 Programme thus providing an overall picture of agricultural structure in the world, regions and countries. The report also aims to provide an indication of structural changes in agriculture on the basis of data resulting from the FAO world decennial census programmes for 1950, 1960 and 1970 by comparing and inter-relating available census data of countries that participated in these programmes. The report summarized the 1970 census information on holdings, land use, tenure and ownership of land, fragmentation of agricultural holdings, crops and livestock, wood and fishery products, agricultural power and machinery, etc. Furthermore, the most relevant census data for 1950, 1960 and 1970 have been arranged and summarized by regions according to FAO classification of countries by economic classes and regions (cf. FAO Country Classification for Statistical Purposes, FAO, 1971) to indicate by elementary analysis the relatively wide differences in agricultural structure that exist between countries and among various groups of countries with differing degrees of economic and social achievements. As indicated below, countries participating in the decennial census programmes did not all take these censuses in 1970 or 1960 or 1950. In fact, the choice of the census year for each country is determined by its own national conditions and may be any year within the decades corresponding to the FAO Programme.

1.3 Scope and characteristics of census data

The principal aim of the world agricultural censuses was to provide in or around the same year internationally comparable information on agriculture. The 1970 Programme, as well as the programmes for the preceding decennial censuses, recommended the collection of data at the level of holding, on the following items:

1. The number of agricultural holdings and holders and their principal characteristics: age, main occupation and legal status of holder, size of holding, fragmentation of holding, system of tenure under which the holder operated the holding and type of holding (whether producing mainly for home consumption or for sale).
2. The utilization of land in the holding.
3. The area under crops, the volume of production of principal crops and the number of fruit trees and other permanent crops on the holding.
4. The number of livestock and the volume of production of some livestock products.

5. The number and characteristics of persons employed on holdings, the extent to which the work on holdings is carried on by the members of the holder's household or by hired agricultural workers.
6. The number and characteristics of persons living on holdings.
7. The number of agricultural machines owned, the kind of power used on holdings and means used to transport agricultural products from the holding.
8. The area of land provided with irrigation facilities, area of land irrigated and source of water used for irrigation purposes, and area of land provided with drainage facilities.
9. The use of fertilizer and soil dressings on holdings.
10. The production of wood products and fishery products obtained from agricultural holdings.
11. The extent to which agriculture is associated with other industries.

The 1970 Programme recommended standards for a minimum number of items on which data were required, subject to meeting national objectives and needs for data. Likewise, FAO recommendations for the 1970 Programme were adapted for each of the major agricultural regions in the world (America, Europe, the Near East, Asia and the Far East and Africa), by preparing five regional programmes, one for each region, within the framework of the world census programme. Moreover, most countries have made some modifications in FAO recommended concepts and methods in taking their censuses and also in tabulation of census results. In a number of countries different units of measurement were applied for some census items, thus making meaningful comparison of census data of participating countries more difficult to achieve. Results for the 1970 census for participating countries were published in one large volume or in several volumes consisting of several thousands of pages and received in FAO in many different languages. Many of the published national census results were released after over about a ten-year period and often the reports corresponded little to FAO recommended standards.

As in the case of the 1950 and 1960 decennial national censuses, the data relating to the 1970 Programme do not refer to the year 1970 but to the national census year in the corresponding decade and these census years vary from one country to another. This is an important qualification of the meaning of the years 1950, 1960 and 1970 used as general indicators of the corresponding decade. In fact, national censuses included under the general title of 1970 world census refer to national agricultural censuses undertaken during the decade 1966 to 1975. Countries which undertake more than one census during a decade decide on the actual census year to be considered as their participation in the FAO decennial programme. Most of the countries, however, undertook their decennial censuses during the period 1969 to 1972.

Data for use of land in holdings, land tenure, number of livestock, number of owned agricultural machineries and farm population usually relate to the time when the census enumeration took place. Data on crop areas and use of fertilizers usually refer to an agricultural or crop year covering a period of approximately twelve months. Very often, in countries where crops have been harvested more than once from the same area during the crop year, information on crop areas and crop production may have been collected at more than one time during the year. Hence, areas under crops may exceed the area size of the corresponding holdings. Generally, the census taking in most countries was completed within one or two months, but in a few countries enumeration of holdings had been extended

over longer periods, sometimes as long as one or two years. All these factors have affected the international comparability of census results and many adjustments and rearrangements of national data have had to be applied to render them, as far as possible, reasonably suitable for international comparisons. These adjustments are described in the appropriate chapters of this report, particularly in chapters concerned with area of holdings and land use classification.

1.4 Coverage of the report

Ideally, a world agricultural census would imply that an agricultural census should be carried out in each country for the same census year within a standardized framework such as the FAO programme. At the time of preparing the report, the information available at FAO showed that agricultural censuses in the 1970 decade were carried out by 107^{1/} countries with their census year falling during the period from 1968 to 1975. In this report, census data concerning the agricultural holdings are included for a total of 89 countries only. Whenever reasonably reliable data on agricultural holdings in a country were available, that country was included in the present report even though it might not have strictly satisfied the criteria of participation in the 1970 census, namely, that the census was taken according to the general framework of the FAO world or regional programme, especially if the unit of enumeration was the agricultural holding. This applied particularly to most African countries where the unit of enumeration was a farm household. Data on number, area of holding and on agricultural population for all 89 countries included in the report are presented in Table 1.1. A total of 18 countries which participated in the 1970 programme were not included in this report either because the census results were not available or the results could not be adjusted to be comparable with data from other countries for use in the report. These countries are: Antigua, Argentina, Barbados, Benin, Bulgaria, Dominica, Guinea, Guyana, Iran, Lao, Montserrat, Nicaragua, Nigeria, Paraguay, Romania, Spain, St. Vincent and Turkey.

Of the 89 countries for which census data were included in the report, 23 are from Africa, 15 are from North and Central America, 7 are from South America, 17 are from Asia, 21 are from Europe and 6 are from Oceania. Among countries included in the report, 28 belong to the group of developed countries and 61 to the group of developing countries. Out of the latter group, 16 countries were classified as Most Seriously Affected (MSA) countries. Countries for which no data on number of holdings from the 1970 censuses were available and, therefore, not covered by this report, are shown in Table 1.2. Countries covered by the report represent 53.4 percent of the total world population and 53.5 percent of the total world land area.

In this report, the allocation of countries to continents or regions used by FAO - see FAO Production Yearbook, Vol. 31 - has been utilized. Coverage by continents calculated on this basis is shown in Table 1.

1/ The figure 102 given in the Report on the 1970 World Census of Agriculture was up-dated by including Angola, Benin, Jordan, Paraguay and Réunion.

Table 1 - Coverage of the 1970 World Census of Agriculture

Continents (Number of countries included in the report is given in parenthesis)	Land area	Population
	..... Percent	
Total (89)	53.5	53.4
Africa (23)	52.1	37.1
North and Central America (15)	96.8	94.5
South America (7)	69.9	78.3
Asia ^{1/} (17)	36.0	47.0
Europe ^{1/} (21)	77.5	82.2
Oceania (6)	93.7	83.5
<hr/>		
^{1/} Excluding USSR.		

The group of 28 developed countries out of the 89 countries for which census data are presented in the report accounts for 45.6 percent of the total land area and 38.9 percent of the total population of all 89 countries. The group of 61 developing countries included in the report comprises 54.4 percent of the area and 61.1 percent of the population of all 89 countries. The developing countries covered by this report include a group of 16 MSA developing countries comprising 12.6 percent of the total area and 36 percent of the total population of the 89 countries.

The scope of agricultural censuses varied greatly from country to country and related primarily to national needs. Some countries limited the collection of data to a small number of items. Some of the countries which took a comprehensive census enquiry limited their tabulation of census data to a very restricted number of characteristics of the holding. For a few countries, tabulated data on many important items were not available (Angola, Lebanon, Nepal, Tanzania). These variations in the national practices with respect to the coverage of census items and the tabulation of census results appreciably affected the item coverage of the tables in this report, with the number of countries included in each table depending on the census items covered by each table. The country coverage of items included in the report, by section of the 1970 Programme, is shown in Table 2.

Table 2 - Number of countries for which census data are included in the report by section of FAO Programme and by economic groups of countries

Sections of the 1970 Programme	Total (39 countries)	Developed countries (28)	Developing countries	
			Total (61 countries)	MSA countries (16)
0. Holding, holder, tenure and type of holding	89	28	61	16
0.1 Tenure	60	21	39	8
1. Land utilization	81	27	54	14
2. Crops	73	27	51	14
3. Livestock and poultry ...	81	28	53	13
4. Employment in agriculture	51	18	33	7
5. Farm population	47	12	35	10
6. Agricultural power and machinery and general transport facilities	56	25	31	4
7. Irrigation and drainage .	29	14	15	3
8. Fertilizers and soil dressings	23	8	15	3
9. Wood and fishery products	5	4	1	-
10. Association of agri- cultural holdings with other industries	8	6	2	-

Thus, the coverage of principal characteristics of holdings (number, area and size) was fully achieved by countries for which census data were available in any form, both developed and developing. Tenure and ownership of holdings were less covered in the report. About one fourth of the developed and one third of the developing countries did not publish any census data at all on tenure of holdings and land in holdings and related partial information available for some countries could not be used for this report. Only 8 MSA countries reported tenure of land holdings. Therefore, data presented in this report do not fully represent the actual tenure situation in some regions of the world. Other census items connected with production of crops and livestock were also covered to a relatively lesser extent by the report, mostly because countries did not supply the relevant information. Area and production of principal crops were presented for almost all developed countries included in the report. However, data on crops assembled in the tables relate to only 51 out of the 61 developing countries. Data on number of livestock are also presented in the report for a relatively small number of countries. This is due to the fact that not all species of livestock are necessarily produced in each country. More specifically, 81 countries provided information on total number of cattle, 59 on horses, 26 on mules, 71 on pigs, 71 on sheep and 65 on goats.

Information on employment in agriculture and on farm population provided by countries and included in the report was relatively very scarce, particularly for developing countries of Africa and Latin America. Furthermore, very few developed countries supplied information on farm population, and data for only 12 developed countries were included in this report. Information on other census items such as information on wood and fishery products and on association of the holding with other industries was available for only a few countries.

In general, information on holdings, holders and area of land in holdings and to some extent on tenure of land covered by the report can be considered as satisfactorily representative for illuminating the structural pattern of most countries and regions in the world. Other census information less covered in specified tables of the report provides only a rough indication of the related characteristics of agriculture on a regional and world basis.

1.5 Accuracy of census results

Taking a census of agriculture is a very complex operation. It involves numerous subjects in the preparatory stages for the census, in the collection of the information and in the data processing of census results and their publication. A huge number of farmers were engaged in giving statistical information and also a huge number of field enumerators, supervisors and other statistical staff were engaged in the data collection, compilation, classification, processing and in the tabulation of the results of the 1970 round of censuses. Moreover, agriculture with its distinctive characteristics relating to biological processes of plant and livestock production with varying conditions in the organization of the producing units and in cultivating practices from area to area make census taking difficult in all countries. Furthermore, information on many of the census items which has to be collected is not easily obtainable from the respondent. All these and other factors affect the quality of data in different ways. The census results are, therefore, subject to various kinds of errors of differing orders of magnitude, depending on the conditions under which the census is conducted. Biases in data collection exist irrespective of whether the census is based on a sample or on a complete enumeration.

When the agricultural census is based on a sample the results are subject to sampling errors. The magnitude of these errors can be controlled by using appropriate probability sampling techniques and by increasing the sample size. Census results are, however, subject to other more serious errors usually called non-sampling errors. These are composed, inter alia, of response and interview errors arising at the stage of collection of the data and processing errors committed at the data processing stage. Other such errors arise at the preparatory stage for the census, especially those due to incompleteness of and/or errors in the frame used for sampling or for a complete enumeration, etc. Non-sampling errors arise in all censuses regardless of whether they are carried out by complete enumeration or on a sampling basis. The determination of the magnitude of these errors is very difficult. While procedures to reduce or somewhat control some of these errors exist, their elimination is practically impossible.

Many countries tried to examine and analyze the types and components of errors in their 1970 census data. Some countries implemented elaborate quality checks which involved many aspects of the problem of the accuracy of census data, and some countries applied only simple quality checks on the census totals.

One of the frequently applied methods of quality check of census results in most countries was indirect checks by comparing the census aggregates with the information available about some characteristics from some other sources which were independent of the

census itself. These checks were carried out after the census was completed and were frequently associated with problems of interpretation. The data from census and from other sources are usually not fully comparable because of differences in concept used and period covered. Moreover, the agreement between data from different sources does not always mean that the data are accurate.

Some countries carried out an evaluation of census data by direct checks of accuracy for the individual units. Quality checks were undertaken as a separate part of the census operation, through re-enumeration of holdings in sample areas. A sample of units was selected in each sample area and the accuracy of the information obtained from these units in the census was checked using some more reliable techniques, sometimes involving objective measurement. Usually, these post-enumeration sample checks covered the assessment of the completeness of the census enumeration and checking the accuracy of the response and of data processing errors. The information obtained by these quality check surveys might indicate those properties of the units which are associated with various types of errors in addition to result of attempts to measure the magnitude or direction of biases in the census aggregates. Many countries also used control procedures during the census enumeration and data processing stages to increase the accuracy of the census results, in addition to post-enumeration checks.

A systematic account of the work undertaken on quality checks in the 1970 censuses of agriculture is not possible because most national reports do not contain sufficient details of the quality checks carried out. Generally, post-enumeration surveys of a sample of areas and holdings included in the census were conducted on a small scale, usually covering only a few thousand holdings. The checking, interpretation and analysis of data from these surveys were difficult because of changes in holdings and names of holders, and because the surveys were usually taken some months after the census enumeration. Difficulties were encountered in matching reports from a post-enumeration survey with those of the census for individual holdings and in determining their relative reliability.

According to information available, a quality check of accuracy of 1970 census results was undertaken in 28 countries but results of the analysis of the information thus obtained have been published for only a few countries. Generally, the post-enumeration surveys were focused on checking the completeness of the enumeration of census units. For 10 countries for which data were available (3 in Africa, 3 in Asia, 2 in North and Central America, 1 in South America and 1 in Europe), the post-enumeration surveys showed that the counting of holdings was incomplete by about 1.3 to 15 percent. Net under-enumeration rate in counting agricultural holdings was estimated to be about 1.3 percent in Pakistan, 2 percent in Ecuador, 3 percent in Lesotho and Yugoslavia, 5 percent in Canada, Iraq and Malawi, 7 percent in Ghana, 13 percent in Indonesia and 15 percent in the United States of America (for small farms 31.6 percent and for large farms 3.3 percent). These figures are only illustrative and need not necessarily reflect on the actual comparative accuracies of the corresponding national census results. The census data for land area were incomplete by about 1.7 percent to 9 percent and for total crop land or cultivated land by about 8 to 16 percent. In some countries the quality check survey covered re-enumeration of livestock and area under individual crops. Data are not available on the results of these surveys but it is likely that the individual crop area and livestock numbers are much more underestimated (and in the case of livestock, sometimes over-estimated) than many other items of the census. An interesting example of rate of under-estimation and over-estimation of livestock was the differences found between census and quality check survey enumeration of livestock in Malawi. The number of cattle was over-counted in the main sample census survey by about 0.4 percent, goats by 7.2 percent and pigs by 35.4 percent than in post-

enumeration survey, while the number of chickens was under-counted in the main survey by about 45 percent. In some checks, it is sometimes difficult to decide whether the divergence between census and post-enumeration surveys results are due to errors or to changes taking place or to both.

The incompleteness in census enumeration resulted primarily from failure of census takers to obtain reports for all census units in their assigned area. However, very often under-reporting arose from respondents' biases in providing information on land area or number of livestock on the holding.

The method used for taking the census affects the reliability of the results. Generally, a census is conceived to be an operation for obtaining a record for every agricultural holding in a country. Such a complete enumeration is very costly, requiring adequate number of trained personnel who can plan and carry out such a large-scale undertaking and supervise its operations. Even then, a complete enumeration may not necessarily result in reliable information. In many countries, developed and developing, the prerequisites for a complete enumeration census were not easily met and less costly sampling methods were used in the 1970 censuses as substitutes for complete enumeration. These sampling censuses often included complete enumeration of large holdings or for some major census items; a complete enumeration in certain areas of the country and a sample enumeration in other areas or some other combinations of complete enumeration and sampling methods. A sample census was carried out in 35 countries out of 89 nations for which detailed data are included in this report. The number of holdings in the sample in those 35 countries varied from 2 912 in Brazil to 1 159 holdings in Botswana. The sampling fraction varied from 81.8 percent in the United States of America (where 50 percent of small holdings and all larger holdings were enumerated) to 0.5 percent of all holdings in Zaire. Two more countries which took a complete enumeration census, Greece and Portugal, tabulated the census returns from a sample of questionnaires only. (Detailed information on the use of sampling as a substitute for complete enumeration is given in the Report of the 1970 World Census of Agriculture, FAO Statistical Series No. 10, page 174, FAO, Rome, 1977.) As census information obtained by the sample surveys is subject to sampling errors, information on the sampling errors should normally be published together with the sample census results. However, only a few countries which carried out the 1970 census on a sample basis, reported the precision of the sample estimate for various characteristics of holdings. As an illustration, Table 3 shows the coefficients of variation for census estimates of selected items in selected national censuses.

The sample estimate for the value of a characteristic is expected not to deviate from the true value of the characteristic for all holdings by more than the standard error in 68 cases out of 100 repetitions of the same sampling procedure (assuming a normal distribution of the values of the characteristic). The coefficient of variation is the ratio of the standard error to the sample estimate and is normally expressed as a percentage. It can be used for calculating the interval around the sample estimate within which the true value falls, with the same probability (68 percent).

The facts mentioned above show that the reliability of census data is of varying degree for different items in a national census and amongst different national censuses. It is therefore difficult to find satisfactory measures of the accuracy of data for all national censuses. Nevertheless, while the data for censuses are subject to incompleteness and errors, their inaccuracy does not necessarily significantly impair their use for most purposes. Moreover, census data, however deficient, are the only data available for most countries for the analytical description of the factual characteristics of agricultural

holdings, their economic role, and the variation among holdings in the use of resources and in the degree of intensification of agricultural production. To achieve full comparability of census data among countries on an international standard is difficult, if not almost impossible.

Table 3 - Coefficients of variation for sample estimates of specified characteristics of holdings

	Cameroon	Ghana	Liberia	Malawi	Sierra Leone	Swaziland	Yugoslavia
	..... Percent						
Number of holdings	2.2	3.2	...	6.0	...	0.5
Area of holdings	3.0	...	0.7
Cultivated area	1.6	...	5.3	...	...	...	...
Area in temporary crops	2.3	...	...	...	1.3
Area under permanent crops	7.6	...	...	...	2.6
Area under crops	2.4	...	8.8	0.8
Area in maize	0.8	...	2.5	...	8.0	...
Area in groundnuts	4.0	...	12.0	...
Area in sorghum	20.6	...
Area in beans	20.0	...
Number of parcels	2.4	...	...	...
Number of cattle	2.5	...	11.6	...	9.2	0.6
Number of sheep	1.9	...	...	...	...	1.3
Farm population	1.1	...	...	...	...	...	...

1.6 Securing comparability of data and its limitations

In the presentation of data in this report, the recommendations contained in the 1970 Programme have been accepted as the standard. However, national censuses varied in the application of the basic concepts and methods of census taking and in the tabulation of the census results. Although the 1970 Programme was limited to agricultural holdings engaged in the production of crops and livestock production, some countries in Europe and South America included forestry as part of agricultural holdings. In certain cases, countries excluded kitchen gardens from the census. Some of the African and Asian countries counted as one holding separate holdings which belonged to members of one household. In a number of countries which had two major distinct organizational sectors in agriculture (traditional private and public or collective sectors) only the traditional private sector was included in the census. Some countries limited the collection of census data to a minimum number of census items. Furthermore, the lower limit in the delineation of the minimum size of the holdings to be covered by the census expressed in terms of area, number of livestock and/or

number of fruit trees differed greatly among countries. Large differences were encountered in the criteria for size classification of holdings and in the classification of land in holdings according to land use groups. To reduce the effect of these numerous and other deviations in national practices in census taking and in data tabulation for international comparability, adjustments were made whenever necessary in the data of some countries to make them conform as much as possible to the FAO recommended standards. In general, out of the 89 countries included in the report, about two thirds of countries complied more or less entirely with FAO standards in their presentation of the data on the main census characteristics. For one fifth of the countries various adjustments to the data were made and for one and for one eighth of the countries the data were presented as they had been published by the country with appropriate explanatory notes given in the respective tables of this report. Major adjustments and arrangements of national data were made for data on distribution of holdings and area in holdings by size classes, on land use groupings and on distribution of livestock by size of holding. When the national figures on area were expressed in units of measure other than the metric system, all data were converted into metric units. The details of the nature and methods of these adjustments are described in the corresponding sections of this report.

In spite of efforts to make national census data internationally comparable, in many cases full comparability of census data among countries could not be achieved. The differences for some characteristics of holdings among countries still remained and this was noted in connection with the respective tables in the report whenever it was considered that these differences could impair the comparability or the analysis of data. This also applied to comparisons of principal characteristics of holdings and changes over time in agricultural structure derived from the census results of the 1950, 1960 and 1970 decades. In presenting data for those three decennial censuses, care was taken to compare only those data which were based on the same concepts and definition of items and which generally referred to the same geographical coverage of the country concerned. Main discrepancies of data from one census to another when they occurred were described in connection with the relevant tables. The comparison of data for 1950, 1960 and 1970 censuses was to some extent facilitated by the fact that individual countries generally used the same concepts and criteria of holdings in consecutive censuses.

On the whole, the comparability of data among countries for the majority of the characteristics of holdings could be regarded as satisfactory. However, for a relatively small number of countries, the comparison of data on the number of holdings, their type and, in some cases on their size, was to some extent less satisfactory than that of data for the majority of countries which published or adjusted their census data according to FAO recommended standards. Modifications and adjustments made in this report illustrate the need for further efforts by countries to follow, wherever possible, recommended standards. These standards are mainly concerned with the desirability of making consecutive national censuses comparable over time for the same country while at the same time the major requirements of inter-country comparability could be facilitated. While national requirements should always have the highest priority in formulating national census plans, a certain measure of international comparability would be necessary to facilitate the assessment of world and regional studies on agricultural structure.

Notwithstanding the limitations on the comparability of the census results, the general and partial comparisons and analysis of the quantitative data on holdings for the 1970, 1960 and 1950 decades reveal very broad changes in the structural pattern of agricultural activity in some countries and regions of the world. However, these comparisons and analyses are not sufficient for most parts of the world, especially because a period of ten years between one national census and another is rather long. The changes in agricultural structure are

occurring more rapidly than formerly. Also, agricultural development now taking place requires more detailed and frequent data and more complex analysis to reveal actual changes not only in the world situation as a whole and by continent, but also in high income and low income countries as well as in each country over time. There is a very wide difference in resources, organizational pattern in agricultural units, productivity and output of agricultural enterprises between rich and poor countries. With improving comparability of census data among countries, it becomes feasible to arrange and systematize census data in such a way that they form a basis for more comprehensive and balanced comparisons and analyses of agricultural structure in various countries and groups of countries classified according to more homogeneous social and economic classes. Improvements in adjustment of census data which could better serve comparability and analysis may be achieved if census and other data sources are available to allow further data adjustments such as:

- Expressing the size of holding in terms of output units by calculating output from land either in wheat equivalent units, market value of production or some other better measure of the size of the holding than by area. Criteria for converting land areas into comparable units, e.g. conversion into a standard hectare, taking into account fertility, rainfall, agro-ecological zones, irrigation, land productivity, value of output, etc. may be possible. Other standardized input units, e.g. standard man-day, etc. may be used. These units will allow much better insight into the economic viability of holdings than simple comparisons of data on number and areas of holdings. It is common knowledge, for example, that holdings with 5 ha of land with irrigation and appropriate production practices may result in twice or more higher output than a traditionally managed holding with 20 ha of land.
- Expressing the size of holdings with livestock in livestock units, by transforming data on the number of different species of livestock into uniform livestock units, e.g. by using the average weight of live meat animals as a component in calculating total weight of herds. Similarly, appropriate coefficients may be used for other purposes. Comparison of number of livestock units instead of number of head of animals usually reveals great differences of improved and traditional livestock husbandry. These two kinds of derived type of information on size of holding could facilitate analysis of problems of so-called small holdings widely spread over developing countries in the world.
- Correlating data on tenure with output per unit (holding, hectare, livestock number) for various forms of tenure; private, co-operative or public. This information could be of great significance for the analysis of farm efficiency in different countries and among various groups of countries.

The limitations of data sources were major constraints which did not allow the use of such adjustments in the preparation of the present report.

TABLE 1.1 - Number and area of holdings by country and agricultural population per holding

Countries by continents (number of reporting countries is given in parenthesis)	Holdings			Agricultural population		
	Number (1000)	Area (1000 ha)	Number/ (1000)	Average		Persons per 1 ha of land
				Persons per holding	Persons per 1 ha of land	
ASIA (17)	103 681	231 371	579 455	5.6	2.5	2.5
BAHRAIN	1	4	...	...	...	...
INDIA	70 493	162 424	376 607	5.3	2.3	2.3
INDONESIA	14 375	16 394	79 159	5.5	4.8	4.8
IRAQ	591	5 732	4 286	7.4	0.8	0.8
ISRAEL	40	540	...	...	...	...
JAPAN	5 389	5 389	20 170	3.8	3.7	3.7
JORDAN	56	390	170	13.8	2.0	2.0
KOREA, Republic of	2 421	2 132	15 995	6.6	7.5	7.5
KUWAIT	0.4	3	13	32.5	4.3	4.3
LEBANON	143	620	487	3.4	0.8	0.8
NEPAL	1 722	1 654	10 545	6.1	6.4	6.4
PAKISTAN	3 762	19 913	35 574	9.5	1.8	1.8
PHILIPPINES	2 354	8 494	19 911	8.5	2.3	2.3
SAUDI ARABIA, Kingdom of	181	1 213	5 111	28.2	4.2	4.2
SINGAPORE	16	12	71	4.4	5.9	5.9
SRI LANKA	1 647	2 036	6 898	4.2	3.4	3.4
SYRIA	524	4 721	3 195	6.1	0.7	0.7
EUROPE (21)	18 666	204 906	64 830	3.5	0.3	0.3
AUSTRIA	362	7 490	1 104	3.0	0.1	0.1
BELGIUM	184	1 603	467	2.5	0.3	0.3
CZECHOSLOVAKIA	1 472	11 874	2 425	1.6	0.2	0.2
DENMARK	140	2 941	549	3.9	0.2	0.2
FINLAND	297	15 150	1 035	3.5	0.1	0.1
FRANCE	1 588	35 039	6 947	4.4	0.2	0.2
GERMANY, Fed Rep of	1 075	15 236	4 528	4.2	0.3	0.3
GREECE	1 047	3 586	4 041	3.9	1.1	1.1
HUNGARY	803	7 478	2 848	3.5	0.4	0.4
IRELAND	279	5 650	782	2.8	0.1	0.1
ITALY	3 607	25 064	10 060	2.8	0.4	0.4
LUXEMBOURG	8	135	27	3.4	0.2	0.2
MALTA	11	16	22	2.0	1.4	1.4
NETHERLANDS	185	2 143	1 058	5.7	0.5	0.5
NORWAY	155	7 772	462	3.0	0.1	0.1
POLAND	3 399	16 419	12 668	3.7	0.8	0.8
PORTUGAL	812	4 974	2 875	3.5	0.6	0.6
SPAIN	162	10 590	748	4.6	0.1	0.1
SWEDEN	153	1 292	488	3.2	0.4	0.4
SWITZERLAND	327	17 992	1 553	4.7	0.1	0.1
UNITED KINGDOM	2 600	12 462	10 145	3.9	0.8	0.8
YUGOSLAVIA	353	5 16 554	1 595	4.5	0.003	0.003
OCEANIA (6)	2	4	...	...	...	...
AMERICAN SAMOA	249	497 224	1 014	4.1	0.002	0.002
AUSTRALIA	34	245	247	7.3	1.0	1.0
FIJI	1	11	...	...	...	...
GUAM	1	11	...	...	...	...
NEW ZEALAND	63	19 030	334	5.3	0.02	0.02
PACIFIC ISLANDS (TRUST TERRITORY)	4	40	...	...	...	...
AFRICA (23)	14 428	131 185	90 090	6.2	0.7	0.7
ALGERIA	1 067	5 544	8 631	3.6	1.6	1.6
ANGOLA	48	4 180	3 614	0.9	0.9	0.9
BOTSWANA	925	1 490	4 937	5.3	3.3	3.3
CAMEROON	283	1 471	1 471	5.2	3.0	3.0
CENTRAL AFRICAN REPUBLIC	366	962	3 281	9.0	3.4	3.4
CHAD	143	197	498	3.5	2.5	2.5
CONGO	71	73	407	5.7	5.6	5.6
GABON	805	2 574	5 084	6.3	2.0	2.0
GHANA	550	2 753	3 642	6.5	1.3	1.3
IVORY COAST	1 487	5 132	9 237	6.2	1.5	1.5
KENYA	187	372	935	5.0	2.5	2.5
LESOTHO	122	366	1 152	9.4	3.1	3.1
LIBERIA	161	2 088	620	3.8	0.3	0.3
LIERIA	885	1 351	3 862	4.4	2.9	2.9
MALAWI	39	77	188	4.3	2.2	2.2
REUNION	286	521	1 891	6.6	3.6	3.6
SIERRA LEONE	90	89 298	6 637	73.7	0.1	0.1
SOUTH AFRICA	39	767	331	8.5	0.4	0.4
SWAZILAND	2 434	3 070	11 411	4.7	3.7	3.7
TANGANIA	233	329	1 437	6.2	4.4	4.4
TOGO	2 538	5 896	17 159	6.8	2.9	2.9
ZAMBIA	768	2 416	3 128	4.1	1.3	1.3
NORTH AND CENTRAL AMERICA (15)	6 018	653 221	43 740	7.3	0.1	0.1
BELIZE	10	233	...	...	...	...
CANADA	366	68 663	1 762	4.8	0.03	0.03
COSTA RICA	82	3 122	732	8.9	0.2	0.2
DOMINICAN REPUBLIC	305	2 736	2 660	8.7	1.0	1.0
EL SALVADOR	318	1 452	2 007	6.3	1.4	1.4
GUADELOUPE	23	69	84	3.6	1.2	1.2
HAITI	617	864	3 142	5.1	3.6	3.6
HONDURAS	195	2 630	1 697	8.7	0.6	0.6
JAMAICA	193	603	554	2.9	0.9	0.9
MEXICO	1 020	139 868	22 752	22.3	0.2	0.2
PANAMA	115	2 098	606	5.3	0.3	0.3
PUERTO RICO	33	525	225	6.8	0.4	0.4
ST. LUCIA	11	29	...	...	...	...
UNITED STATES	2 730	430 321	7 519	2.8	0.02	0.02
VIRGIN ISLANDS (U.S.)	0.2	8	...	...	...	...
SOUTH AMERICA (7)	8 392	399 715	64 345	7.7	0.2	0.2
BRAZIL	4 924	294 145	43 432	8.8	0.1	0.1
COLOMBIA	1 177	30 993	8 355	7.1	0.3	0.3
ECUADOR	519	7 949	3 072	5.9	0.4	0.4
PERU	1 391	23 545	6 253	4.5	0.3	0.3
SURINAME	16	94	83	5.2	0.9	0.9
URUGUAY	77	16 518	449	5.8	0.03	0.03
VENEZUELA	268	26 470	2 701	9.4	0.1	0.1

1/ Sources: World-Wide Demographic Estimates and Projections 1950-2000.
Data refer to population actively engaged in agriculture.

Area: in thousands of hectares
Population: in thousands

TABLE 1.2 - Area, population and arable land for countries and territories for which 1970 census results are not available

Countries by continents (number of reporting countries is given in parenthesis)	Total area of country	Population	Agricultu- ral population	Arable land
TOTAL (118)	6 227 330	1 676 372	967 026	630 070
AFRICA (33)	1 451 563	218 817	119 875	109 547
BENIN	11 262	2 686	1 336	294
BRITISH INDIAN OCEAN TERRITORY	8	...	...	8
BURUNDI	2 783	3 350	2 920	1 038
CAPE VERDE	403	268	167	38
COMOROS	217	270	181	75
EGYPT	100 145	33 329	18 124	2 725
EQUATORIAL GUINEA	2 805	285	228	125
ETHIOPIA	122 190	24 855	20 913	12 530
FRENCH TERRITORY OF THE AFARS AND THE ISSAS	2 200	...	...	1
GAMBIA	1 130	463	379	230
GUINEA	24 586	3 921	3 320	4 060
GUINEA-BISSAU	3 612	487	424	245
MADAGASCAR	58 704	6 932	6 194	2 576
MALI	124 000	5 047	4 592	11 597
MAURITANIA	103 070	1 162	1 017	1 000
MAURITIUS	186	824	280	101
MOROCCO	44 655	15 126	8 601	7 076
MOZAMBIQUE	78 303	8 234	6 050	2 785
NAMIBIA	82 429	766	426	650
NIGER	126 700	4 016	3 726	15 000
NIGERIA	92 377	55 073	34 178	22 690
RHODESIA	39 058	5 308	3 391	2 335
RWANDA	2 634	3 679	3 428	522
ST. HELENA	31	...	...	1
SAO TOME AND PRINCIPE	96	...	...	...
SENEGAL	19 619	3 925	3 127	2 225
SEYCHELLES	28	...	...	1
SOMALIA	63 766	2 789	2 361	1 010
SUDAN	250 581	15 695	12 870	6 330
TUNISIA	16 361	5 137	2 558	3 180
UGANDA	23 604	9 806	8 427	3 780
UPPER VOLTA	27 420	5 384	4 673	5 315
WESTERN SAHARA	26 600	...	...	2
NORTH AND CENTRAL AMERICA (21)	72 156	17 365	7 145	4 429
ANTIGUA	44	...	...	8
BAHAMAS	1 394	...	...	2
BARBADOS	43	239	48	33
BERMUDA	5	...	...	...
CAYMAN ISLANDS	26	...	...	...
COUNTRIES BY CONTINENTS (number of reporting countries is given in parenthesis)	Total area of country	Population	Agricultu- ral population	Arable land
NORTH AND CENTRAL AMERICA (cont'd)				
CUBA	11 452	8 565	2 620	2 310
DOMINICA	75	...	...	7
GREENLAND	34 170	...	...	...
GRENADA	34	...	...	2
GUATEMALA	10 889	5 298	3 230	1 220
MARTINIQUE	110	338	79	3
MONTSERAT	10	...	...	2
NETHERLANDS ANTILLES	96	...	...	8
NICARAGUA	13 000	1 970	990	750
PANAMA CANAL ZONE	143	...	...	1
ST. KITTS-NEVIS-ANGUILLA	36	...	...	8
ST. PIERRE AND MIQUELON	24	...	...	3
ST. VINCENT	34	...	...	14
TRINIDAD AND TOBAGO	513	955	178	55
TURKS AND CAICOS ISLANDS	43	...	...	1
VIRGIN ISLANDS (U.K.)	15	...	...	2
SOUTH AMERICA (7)	535 726	40 907	10 221	32 167
ARGENTINA	277 689	23 748	3 883	23 851
BOLIVIA	109 858	4 780	2 150	2 150
CHILE	75 690	9 369	2 277	5 000
FALKLAND ISLANDS	1 217	...	...	...
FRENCH GUYANA	9 100	...	...	...
GUYANA	21 497	709	199	360
PARAGUAY	40 675	2 301	1 211	805
ASIA (28)	1 764 844	1 072 158	735 842	221 114
AFGHANISTAN	64 750	16 978	13 866	7 870
BANGLADESH	14 400	67 962	58 141	8 883
BRUNEL	4 700	1 045	986	200
BRUTAN	577	133	21	6
BURMA	67 655	27 748	16 529	9 990
CHINA	959 696	771 840	522 998	125 050
CYPRUS	925	633	244	365
EAST TIFOR	1 493	604	393	70
HONG KONG	104	3 942	171	12
IRAN	164 800	28 359	12 761	15 580
KAMPUCHEA, Democratic	18 104	7 060	5 518	2 900
KOREA, Democratic People's Rep of	12 054	13 892	7 598	1 940
LAO	23 680	2 962	2 334	938
MACAU	2	...	...	...
MALAYSIA Peninsular	13 159	8 815	4 804	610
MALAYSIA Sabah	7 371	650	356	61

(continued)

Area: in thousands of hectares
Population: in thousands

TABLE 1.2 - Area, population and arable land for countries and territories for which 1970 census results are not available (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total area of country	Population	Agricultural population	Arable land	Countries by continents (number of reporting countries is given in parenthesis)	Total area of country	Population	Agricultural population	Arable land
ASIA (cont'd)					OCEANIA (17)	53 301	2 413	2 074	301
Malaysia: Sarawak	12 445	1 001	546	2 423	CANTON AND ENTERBURY ISLANDS	7	...	...	...
Malaysia: Peninsular	30	...	...	3	CHRISTMAS ISLAND	13	...	...	...
Maldives	156 500	1 248	772	744	COCOS ISLANDS	1	...	...	...
Mongolia	21 246	...	...	16	COOK ISLANDS	23	...	...	3
Oman	1 100	...	...	2	FRENCH POLYNESIA	400	...	...	5
Qatar	711	...	...	54	GILBERT ISLANDS	71	...	...	...
Sikkim	51 400	35 745	28 550	12 300	MAURU	2	...	...	...
Thailand	78 058	35 232	23 866	24 793	NEW CALEDONIA	1 906	...	...	28
Turkey	8 360	...	...	7	NIUE ISLAND	26	...	...	17
United Arab Emirates	33 256	39 106	29 889	4 732	NORFOLK ISLAND	4	...	...	...
Viet Nam	19 500	5 767	4 570	1 440	PAPUA NEW GUINEA	46 169	2 413	2 074	17
Yemen Arab Republic	28 768	1 436	929	125	SAMOA	284	...	...	42
Yemen, Democratic	109 520	81 944	29 575	34 712	SOLOMON ISLANDS	2 845	...	...	150
EUROPE (11)					TOKELAU	1	...	...	...
Albania	2 875	2 169	1 437	521	TONGA	70	...	...	24
Andorra	45	...	...	1	TUVALU	3	...	...	...
Bulgaria	11 091	8 490	3 957	4 142	VANUATU	1 476	...	...	15
Faeroe Islands	140	...	...	3	USSR	2 240 220	242 768	62 294	227 800
German Democratic Republic	10 818	17 058	2 214	4 618					
Gibraltar	1	...	...	...		
Iceland	10 300	204	37	...					
Liechtenstein	16	...	...	2					
Romania	23 750	20 244	11 337	9 733					
San Marino	6	...	...	1					
Spain	50 478	33 779	8 519	15 690					

2. HOLDINGS AND HOLDERS

2.1 Definition of holding and its limitations

The 1970 Programme envisaged that each country would obtain accurate and comparable information on the number of agricultural holdings and their main characteristics such as size, form of tenure, utilization of the land and type of holding (whether producing mainly for sale or mainly for home consumption).

The 1970 Programme generally defines an agricultural holding as all land used wholly or partly 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. Establishments and other units with no agricultural land and which raise or produce livestock and livestock products (e.g. piggeries, hatcheries, poultry batteries, dairy farms, feed lots, livestock kept by nomadic tribes, rabbitries, apiaries, etc.) are also to be considered as holdings, whether they are located in rural or urban areas. Establishments producing only forest products, race horses, fish, frogs, dogs or wild game are not to be considered as agricultural holdings. Where several farm units such as plantations, co-operative or collective farms and similar establishments share the same technical service, if a distinct area is assigned to an individual and such individual shares in the agricultural products of this land, or if a specific number of livestock or poultry is assigned to an individual and he shares in the livestock or poultry products, each such area or number of livestock is to be considered as an agricultural holding. The 1970 Programme, furthermore, characterizes the agricultural holding as a technical unit which, under the same management, has the same means of production, such as labour force, machinery and animals.

This definition of agricultural holding covers all establishments engaged in crop and livestock production, irrespective of their widespread variation in type and scope of activity. However, a basic element involved in defining the agricultural holding for census purposes is the concept of a holding as an operational unit, i.e. a single techno-economic unit, under the same management and having the same means of production and the responsibility for decision-making. It is not an ownership holding because the land (or livestock) in the holding may be fully owned, rented (or hired), partly owned and partly rented (or hired), or operated under some other arrangements.

Ideally, the census should include all agricultural holdings in a country whether large or small and whether in rural or urban areas. But in view of the large number of small holdings with different economic importance and for the reason of avoiding enumeration difficulties, a minimum limit is generally placed by countries on the size of holdings or size of operation or both. No uniform minimum limits in respect of area, volume of output, numbers of livestock or number of trees, were suggested in the 1970 Programme as these often vary from country to country. The 1970 Programme recommended, however, that the minimum size of agricultural holdings to be included in the census should be as low as possible.

Within this broad framework, and taking into account their own needs for data on agricultural structure, countries used criteria and definition of an agricultural holding in their censuses which were more or less as recommended by the 1970 Programme. Out of 89 countries for which data are included in this report, about two thirds of them generally used the same concept of holding as given in the 1970 Programme (including those which introduced a lower limit as to the size of a holding), while one third of them departed from this concept in their censuses which had the effect of enlarging or reducing its scope. About a dozen countries, mainly in Europe and the Americas, included forestry in the concept

of agricultural holding (e.g. Austria, Belgium, Brazil, Finland, Germany (Fed. Rep. of), Italy, Mexico, New Zealand, Portugal, South Africa and Sweden). Denmark included as holding equipment pools, Belgium and Netherlands included machine co-operatives, Yugoslavia included establishments engaged in agricultural services, Germany (Fed. Rep. of) included pisciculture, Norway included animals used by police and soldiers or in zoos, and Canada included experimental farms as holdings. In many Latin American countries (e.g. Colombia and Venezuela), parts of the same holding situated in different territorial divisions were counted as separate holdings.

Another departure from the above mentioned concept of a holding (other than introducing a minimum size) which resulted in reducing the number of holdings, is related to the exclusion of kitchen gardens from the census (e.g. Brazil, Italy). Similarly, some countries considered as one holding all the land operated by the holder and all land operated separately by other members of his household who also received all or a share of the resulting corresponding agricultural products (e.g. Fiji, Lesotho, Malawi, Mexico, Pakistan, Togo). In a number of countries, land operated by co-operative or collective farms, land operated by tribal or group settlements and land operated under other similar arrangements as well as community pastures, were counted as single holdings, although individual members of such units were allotted or controlled the operation of separate pieces of land (e.g. Canada, India, Ireland, Mexico, Peru, Poland, Tanzania). According to the 1970 Programme, these allotments should be counted as separate holdings. In some countries, the census did not cover all holdings and all areas in the country. In Angola, Cameroon, Central African Republic, Chad, Congo, Gabon, Haiti, Ivory Coast, Lesotho, Malawi, Sierra Leone and Togo, data referred only to small holdings of the traditional sector of agriculture, while commercial modern farms with usually large land area were excluded from the totals of holdings given in the census report. Totals of holdings given for Algeria and Poland referred to private holdings only since government, institutional and collective holdings were not included in the census data. Saudi Arabia excluded from the census nomadic tribes living in the desert. Some geographical areas in Chad, Indonesia, Japan, Pakistan and Tanzania were not covered by census enumeration which could have affected census totals for these countries. Table 3.1 provides under "remarks" information relating to completeness of censuses.

Most countries established minimum limits on the size of an operational unit to qualify as a holding to be included in the census. The cut-off points determined by these minimum limits differed greatly among countries. In countries with a large number of small holdings these limits influenced considerably the census totals for the number of holdings and to a lesser extent for the area in holdings. In countries where holdings are usually small in area, the minimum limits on the size of land tended to be small and in countries with large agricultural area and with large holdings the minimum limit of land tended to be large. For livestock holdings without land, generally no minimum limits were applied with respect to holdings having cattle and bovines. For livestock holdings without land and having only sheep, goats or pigs, the minimum limits ranged from 2 to 25 animals. For holdings having only poultry and other birds it ranged from 20 to 100 birds. A few countries, where perennial crops were the pattern, used a specified number of fruit bearing trees as a limiting criterion for the definition of agricultural holding in their censuses, with the minimum limit ranging from 5 to 50 olives, bananas, dates or similar trees. Some countries, especially those with developed agricultural industry, used the value of annual production or of annual sales of the produce as an additional element to limit the size of holdings included in the census. Very often, the limit used was a combination of several criteria, making the definition of a holding included in the census quite complex and sometimes difficult to apply in practice.

The criteria used by countries to fix the minimum limits of size of holding covered by their censuses were as follows:

Table 4 - Main minimum size criteria used by countries

A. <u>MINIMUM LAND AREA</u>	
No minimum specified (any land used for agricultural production)	Algeria, American Samoa, Angola, Bahrain, Botswana, Brazil, Cameroon, Central African Republic, Chad, Colombia, Congo, Costa Rica, El Salvador, Fiji, Gabon, Ghana, Guam, India, Iraq, Italy, Ivory Coast, Jordan, Kenya, Kuwait, Lebanon, Lesotho, Liberia, Libya, Malawi, Mexico, Nepal, Pacific Islands, Pakistan, Panama, Peru, Saudi Arabia, Sierra Leone, Singapore, Sri Lanka, South Africa, Swaziland, Tanzania, Togo, Venezuela, Zaire, Zambia
0.01 ha (agricultural area)	Belgium
0.0129 ha	Haiti
0.04 ha (under cultivation)	Jamaica
0.05 ha (cropland)	Belize, St. Lucia
0.05 ha	Japan (Western region), Portugal
0.063 ha	Dominican Republic
0.1 ha (agricultural area)	Czechoslovakia, Greece, Israel, Yugoslavia
0.1 ha	Ecuador, Indonesia, Ireland, Japan (Eastern region), Rep. of Korea, Philippines, Poland, Syria
0.112 ha	Malta
0.12 ha	Suriname
0.14 ha	Hungary
0.25 ha (agricultural area)	Guadeloupe, Réunion
0.25 ha	Switzerland
0.35 ha	Honduras
0.4 ha (agricultural area)	Northern Ireland (United Kingdom)
0.4 ha	Australia, Canada
0.5 ha (agricultural area)	Denmark, Norway
0.5 ha	Austria
0.8 ha	New Zealand
1 ha (arable area)	Finland
1 ha (agricultural area)	France, Luxembourg, Netherlands

(continued)

Table 4 - Main minimum size criteria used by countries (cont.d)

A. MINIMUM LAND AREA (cont.d)

1 ha	Germany (Fed. Rep. of), Uruguay
1.2 ha	Puerto Rico, Virgin Islands (U.S.)
2 ha (arable area)	Sweden
4 ha	England and Wales (United Kingdom), United States of America

B. INCLUSION OF HOLDINGS WITHOUT LAND OR WITH LESS THAN MINIMUM LAND AREA

(a) Minimum number of livestock

Any livestock	Algeria, American Samoa, Bahrain, Belgium, Costa Rica, Denmark, El Salvador, Fiji, Ghana, Guam, Italy, Jordan, Lebanon, Malta, Nepal, Pacific Islands, Panama, Peru, Sierra Leone, Sri Lanka, United Kingdom, Venezuela, Zambia
Any livestock or livestock product produced for sale	Iraq
1 head of livestock, or 50 fowls, or 20 rabbits or beehives	Hungary
1 head of cattle, or 2 pigs or sheep or goats, or 12 chickens	Belize, Jamaica, St. Lucia
1 head of cattle, or 2 pigs or sheep or goats, or 30 poultry or beehives	Switzerland
1 head of cattle or horse, or 3 pigs or goats or sheep, or 30 poultry, or 40 rabbits, or 5 beehives	Korea, Rep. of
1 head of cattle or breeding pig, or 3 store pigs or sheep, or 51 poultry	Netherlands
1 head of cattle, or 5 sheep or goats, or 20 chickens	Pakistan
1 head of cattle, or 5 sheep, or 10 goats, or 20 poultry	Botswana
1 head of cattle, or 3 pigs, or 6 goats or sheep, or 25 chickens	Guadeloupe, Indonesia

(continued)

Table 4 - Main minimum size criteria used by countries (cont.d)

(a) <u>Minimum number of livestock</u> (cont.d)	
1 head of adult or 2 head of young cattle, or 5 pigs or sheep or goats, or 2 equines	Ecuador
1 cow, or 2 head of other cattle or buffaloes or horses, or 5 sheep or goats or pigs, or 50 poultry, or 20 beehives	Greece, Yugoslavia
2 head of cattle or pigs, or 100 chickens	Suriname
3 head of cattle, 6 mules or goats or sheep, or 60 chickens	Dominican Republic
5 head of cattle, or 25 sheep or goats	Lesotho
5 head of cattle or pigs, or 25 sheep or goats, or 50 poultry	Zaire
10 livestock head	Portugal
10 head of cattle, or 2 000 chickens	Liberia
20 head of cattle, or 100 poultry	Philippines
(b) <u>Minimum area under specialized crops</u>	
0.25 ha under fruit or vineyards or 0.1 ha under berries or any area under commercial gardens	Austria
0.2 ha under hops, tobacco, vineyards, vegetables, flowers orchards or market gardens	France
0.07 ha under vineyards or orchards	Hungary
0.05 ha of paddy land	Indonesia
0.03 ha under horticultural crops or 0.07 ha under orchards or nurseries	Korea, Rep. of
Any vineyards	Luxembourg
0.1 ha under vineyards, tobacco, horticultural crops, medical plants or fruits	Switzerland
(c) <u>Minimum value of sales</u>	
Any sales of horticultural crops or fruits	Luxembourg
Any sales of horticultural crops	New Zealand

(continued)

Table 4 - Main minimum size criteria used by countries (cont.d)

<u>(c) Minimum value of sales (cont.d)</u>	
Any sales of tobacco, poppy seed vegetables, flowers or spices	Yugoslavia
Any sales	Belgium, Singapore, Suriname
10 000 Won	Korea, Rep. of
50 000 Yen	Japan
US \$100	Puerto Rico, Virgin Islands (U.S.)
US \$250	United States of America
Holdings with 0.3 ha or arable land or more registered for tax purpose	Sweden
<u>(d) Minimum value of agricultural production</u>	
DM 4 000	Germany (Fed. Rep. of)
<u>(e) Minimum standard man-days (smd)</u>	
26 smd	United Kingdom
<u>(f) Minimum number of fruit-bearing trees</u>	
Any crop trees	Greece, Iraq
10 trees	American Samoa, Belize, Guam, Pacific Islands, Portugal, Virgin Islands (U.S.)
12 economic trees	Jamaica
50 coconut trees or bunches of bananas or 5 producing litchis or mangoes	Réunion
<u>C. EXCLUSION OF HOLDINGS WITH MORE THAN MINIMUM LAND AREA</u>	
<u>Minimum value of sales</u>	
No sales	Singapore
At least Can. \$50	Canada
At least US \$50	United States of America
At least half of agricultural production	Denmark, Netherlands

Since the criteria for qualifying an agricultural holding for census enumeration differed amongst countries, the data on the number of holdings for the 89 countries included in the report are not entirely comparable. Greater differences in criteria applied in the census appear more among countries with large proportion of small holdings than between them and countries with relatively numerous large holdings. Thus, higher comparability of

data on number and area of holdings can be obtained when the holdings are classified by size of holding. Nevertheless, in spite of many differences and limitations, for a large majority of the 89 countries the number of holdings does indicate the prevailing conditions and the distribution of agricultural activity, and also very often the general feature of agriculture for various groups of countries and various regions in the world.

2.2 Number of holdings

The overall totals for the 89 countries included in the report cover around 152 million holdings and an area of about 2 137 million hectares. This total includes holdings of all sizes (ranging from those without land and holdings under 0.1 ha, as well as holdings with an area of more than 100 000 ha) and kinds. Data on holdings relate to all kinds of establishments; agricultural holdings operated by private individuals or households, corporations, co-operatives or collectives, tribal groups and government.

Out of the 152 million holdings, almost 124 million, or 81.8 percent, were reported in 61 developing countries and over 27.5 million, or 18.2 percent, were reported in 28 developed countries. The major proportion of enumerated holdings was in the group of countries in Africa, Asia and Latin America, where agriculture is the main economic activity. More than 86 million holdings, or almost 57 percent of all holdings were counted in MSA countries. Actually, India, Pakistan and Tanzania together accounted for more than half of all holdings enumerated in the 89 countries.

The total number of holdings listed in Table 2.1 obviously do not represent the total agricultural holdings in the listed countries, nor do they cover all its agricultural production. The number does not include small holdings operated by millions of households, families and individuals engaged in production of vegetables and livestock for consumption by members of the households. Thus, the totals for number of holdings shown in Table 2.1 and Table 3.1 may be exceeded by 15 to 20 million if all units producing some agricultural products in the countries were enumerated in the census. Similarly, figures for areas and number of holdings and for agricultural population shown in these tables may be subject to large underestimation.

Regarding geographical distribution of holdings, the numerous number was enumerated in 17 countries of Asia, over 103 million or 68.4 percent, of all holdings covered by the 1970 census. India alone has over 70 million holdings, Indonesia comes next with over 14 million and then Japan with over 5 million holdings. The figures indicate predominant fragmentation of holdings in these countries. In 21 European countries with relatively small size holdings, the number of holdings is also high, over 18 million, or 12.3 percent of total number of holdings in 89 countries. Italy (3.6 million), Poland (3.4 million), Yugoslavia (2.6 million), France (1.6 million) and Czechoslovakia (1.5 million) accounted for 68 percent of all holdings in Europe. Africa with 23 countries which took their censuses had around 14 million holdings, or 9.5 percent. The largest number of holdings in African countries was in Zaire (2.5 million), Tanzania (2.4 million), Kenya (1.5 million) and Angola (1.1 million). These four countries have more than half of all the holdings in the 23 African countries. In 15 North and Central American countries and in 7 South American countries, the number of holdings was much smaller, 6 million and 8 million holdings respectively, or 3.9 and 5.5 percent of the aggregated total for 89 countries. Less than 0.4 million holdings were enumerated in 6 countries and territories in Oceania.

In North and Central American countries, the United States (2.7 million), Mexico (1.0 million), Haiti (0.6 million) and Canada (0.4 million) accounted for more than 78 percent of the total number of holdings in this continent. More than 89 percent of 8 million holdings

in 7 countries of South America were enumerated, in Brazil (4.9 million), in Peru (1.4 million), and in Colombia (1.2 million). Australia enumerated 0.2 million holdings which accounted for more than half the total number of holdings enumerated by the 3 countries in Oceania.

2.3 Size of holdings

The size of holdings expressed in hectares of land was used as a general measure of the concentration and scale of agricultural activity. Examination of certain size groups of holdings in various countries could reveal the major similarities and differences in the structural pattern of their agriculture. To indicate the magnitude of agricultural operations and to present the distribution of land resources, census data have been arranged by size of holding for 84 countries following the size classification groups recommended by the 1970 Programme (five countries, i.e. Angola, Libya, South Africa, Belize and Jordan, out of the 89 countries included in this report did not provide data by size of holding). The distribution of holdings by land area size groups, given in Table 2.2, makes comparisons between countries more meaningful and has the advantage over that based on the overall total number of holdings and area in holdings.

In the absence of a better criterion suitable for all countries the 1970 Programme recommended that total areas of holdings should be used for classification of holdings by land area size groups. The large majority of countries (50) followed this recommendation but some countries adopted other narrower concepts of area for classification of their holdings by land area size groups; 16 countries, mostly African, used size of land area under crops (area actually used for temporary and permanent crops) as a basis for grouping of holdings; 12 countries, mostly European, adopted classification by size of agricultural area (arable land, land under permanent crops and land under permanent meadows and pastures); 2 countries used cropland (arable land and land under permanent crops); 2 countries used productive land (agricultural land and wood or forest land); 1 country used cultivated area; and 1 country used arable land as the basis for classification of holdings by size. (Details by country are given in the footnotes of Table 2.2.) The number of size groups for which data have been assembled or developed by interpolation (see Chapter 3 for more details on interpolation) for all 84 countries have been limited to 12 (including the holdings without land as a separate size class), because the use of a larger number of size groups was not suitable for all countries, taking account of the available data.

Since holdings with land area up to 1 ha play an important part in agriculture in many developing countries, the distribution of holdings, with land area smaller than 1 ha is treated in Chapter 3 for 33 countries (see Table 3.4). Similarly, a detailed classification of holdings with land area from 1 to 5 ha, the so-called "small holdings", is treated in Chapter 3, for 66 countries (see Table 3.5, where four size groups are utilized). In addition, large agricultural holdings usually employing advanced management techniques with land area of 1 000 ha and over, were classified by 2 size groups for 26 countries and are treated in Chapter 3 (see Table 3.6).

Data on the distribution of holdings by size of land area were available for 27 developed countries and for 57 developing countries (including 16 MSA countries). The distribution of holdings among these three groups of countries is shown in Table 5.

Table 5 - Distribution of holdings by size, by economic groups of countries

	Total (84 countries)	Developed countries (27)	Developing countries		Total (84 countries)	Developed countries (27)	Developing countries	
			Total (57 countries)	MSA countries (16)			Total (57 countries)	MSA countries (16)
.. Number of holdings in millions ..					..... Percent			
Total	150.1	27.5	122.6	86.1	100.0	18.3	81.7	57.3
Holdings with- out land	0.6	0.1	0.5	0.1	100.0	13.6	86.4	12.0
Under 1 ha ...	67.6	9.0	58.6	42.2	100.0	13.4	86.6	62.3
1 and under 2 ha	27.6	3.9	23.7	16.5	100.0	14.1	85.9	59.9
2 and under 5 ha	27.9	4.7	23.2	17.1	100.0	16.8	83.2	61.6
5 and under 10 ha	12.3	3.3	9.0	6.7	100.0	27.3	72.7	54.4
10 and under 20 ha	6.5	2.3	4.2	2.6	100.0	34.7	65.3	39.8
20 and under 50 ha	4.0	1.9	2.1	0.8	100.0	46.2	53.8	19.3
50 and under 100 ha	1.6	1.0	0.6	0.1	100.0	61.0	39.0	5.9
100 and under 200 ha	1.0	0.7	0.3	-	100.0	67.7	32.3	0.3
200 and under 500 ha	0.7	0.4	0.2	-	100.0	65.0	35.0	0.4
500 and under 1 000 ha	0.2	0.1	0.1	-	100.0	57.3	42.7	0.5
1 000 ha and over	0.2	0.1	0.1	-	100.0	52.8	47.2	0.4

It may be noted that out of the 67.6 million holdings enumerated with land area less than 1 ha, 86.4 percent were enumerated in 57 developing countries and out of 58.6 million holdings with land area under 1 ha enumerated in the 57 developing countries as a group, 42.2 million or 72 percent were enumerated in 16 MSA countries.

In the group of 16 MSA countries, the proportion of holdings with area under 1 ha is 77 percent in Nepal, more than 70 percent in Sri Lanka, 59 percent in Haiti, 58 percent in Tanzania, 50 percent in India, almost 43 percent in Cameroon and 42 percent in El Salvador. The proportion of these holdings in the remaining MSA countries is smaller and varies from

9 percent in the Ivory Coast to 38 percent in Sierra Leone. Among other developing countries, in Indonesia and Singapore more than 70 percent were holdings with land less than 1 ha, and in Gabon, Jamaica, Rep. of Korea, Liberia, Réunion, St. Lucia and Togo, more than one-half of all holdings were under 1 ha of land area.

In developed countries holdings with less than 1 ha of land were still numerous. This group of holdings accounted for about 33.4 percent of all holdings in the whole group of developed countries, but less than 30 percent in developed market economies. The highest proportion of holdings with land area under 1 ha in the group of developed market economies was in Japan (68 percent), and the smallest was in New Zealand (0.4 percent). In Canada and Denmark the percentage of holdings with land area less than 1 ha was also very small, around 1 percent. Holdings with land area under 1 ha in Sweden represent 2 percent of all holdings, in Germany (Fed. Rep. of) around 5 percent and in Austria, France, Israel, Netherlands and Norway around 10 percent. Greece, Switzerland and Yugoslavia had more than one-fifth of all holdings with land area less than 1 ha, while in Italy and Portugal one-third of all holdings had land area under 1 ha. The highest proportion of holdings with land area under 1 ha is found in Czechoslovakia and Hungary, 91 and 86 percent respectively. In centrally planned economies the plots of land given to members of co-operatives for their personal use were counted as separate agricultural holdings.

Data on average size of land area of holdings are given in Table 2.1 for all the countries for which data are available. Since the number of small holdings is large in most countries, the average size of land area of holdings expressed in hectares of land operated is relatively small, although this average size differs widely among countries and among various groups of countries. For the holdings enumerated in the 89 countries included in the report, the overall average size of land area of holdings was 14.1 ha. This average refers to both developed and developing countries and it reflects a rather distorted picture because small holdings are relatively numerous in the majority of developing countries. The average size of land area of holding for groups of countries, classified according to economic groups, is quite different from the average for all the 89 countries, as shown in Table 6 below.

Table 6 - Number and land area of holdings and average size of land area of holdings, by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Number of holdings (000)	Land area (000 hectares)	Average size of land area (hectares)
Total (89)	151 538	2 136 953	14.1
Developed countries (28)	27 558	1 315 371	47.7
Developing countries (61)	123 980	821 582	6.6
Of which: MSA countries (16)	(86 078)	(209 038)	2.4
African region (21)	14 177	39 800	2.8
Latin American region	11 314	553 952	49.0
Near East region (8)	1 658	14 771	8.9
Far East region (8)	96 790	212 759	2.2
Other developing countries (4)	41	300	7.3

Average size of holdings in the 28 developed countries was 47.7 ha, being about twenty times the average size of holding (2.4 ha) for 16 MSA countries. The smallest average size of holdings (2.2 ha) prevailed in developing countries of the Far East (e.g. Singapore 0.8 ha, Rep. of Korea 0.9 ha, Indonesia 1.1 ha and the Philippines 3.6 ha). The average size of holdings in African developing countries was also of very small size (2.8 ha) (e.g. Gabon 1.0 ha, Togo and Congo 1.4 ha, Malawi 1.5 ha, Zaire 2.3 ha, Liberia 3.0 ha, Angola 3.9 ha, Botswana 4.8 ha, Algeria 6.2 ha, Libya 13.0 ha and Swaziland 19.7 ha). In 20 developing Latin American countries, the average size of holdings was 49.0 ha (e.g. Uruguay 214.5 ha, Mexico 137.1 ha, Brazil 59.7 ha and Peru 16.9 ha).

In developed countries holdings are usually characterized by large or medium size operational units. Average size of holdings of more than 100 ha is found in countries in North America, South Africa and Oceania (e.g. Canada 187.6 ha, United States of America 157.6 ha, South Africa 992.2 ha, Australia 1 996.9 ha and New Zealand 302.1 ha). Average size of holdings in Western Europe ranged from 1.5 ha in Malta to 65.4 ha, in Sweden (e.g. Greece 3.4 ha, Yugoslavia 4.8 ha, Italy 6.9 ha, Germany (Fed. Rep. of) 14.2 ha, Denmark 21.0 ha, France 22.1 ha, Norway 50.1 ha, United Kingdom 55.0 ha). Average size of holdings in Japan was around 1 ha and in Israel was 13.5 ha. It should be noted that the average size of holdings was overestimated in countries which excluded small holdings from their census. This fact may affect analysis and comparability of average size of holdings between countries.

In centrally planned European countries, the average size of state agricultural holdings in 1970 varied as follows: 511 ha in Poland, 867 ha in German Dem. Rep., 4 265 ha in Czechoslovakia, 4 906 ha in Hungary and 5 646 ha in Romania. Co-operative or collective holdings in these countries were smaller (212 ha in Poland, 490 ha in German Dem. Rep., 631 ha in Czechoslovakia, 1 658 ha in Hungary and 1 746 ha in Romania). In the USSR, with its collective type of agriculture, the average size of State holdings was 20 529 ha and the average size of collective holdings was 6 094 ha^{1/}.

The size of holding could also be measured in terms of the number of head of livestock in agricultural holdings. Since the number of different species of livestock is not additive without the application of appropriate conversion factors and since the majority of countries did not tabulate data on the distribution of holdings by number of head for other species than for cattle, only the detailed distribution of holdings by number of cattle in herds for 30 countries was prepared. These data are presented in Table 7.6. It should be noted, however, that the number of livestock in holdings is subject to much larger variation over time and, hence, census data pertaining to the different time reference periods used by countries for this items of the 1970 Programme are not strictly comparable or additive. Disregarding this important limitation on available census data, it appears from Table 7.6 that more than one-fifth of all holdings reporting cattle in the 30 countries concerned had one head of cattle only and more than 53 percent of all holdings reported 4 head of cattle or less. Holdings with larger herds of cattle - 20 head and more - were small in number, around 23 percent, but they accounted for about 86 percent of the total number of cattle in the 30 countries.

Out of the 247.5 million head of cattle in the 30 countries for which distribution of holdings by size of cattle herds was prepared, more than 232 million or 94 percent was reported by holdings in developed countries. These figures reflect the fact that developed

^{1/} Source: Statistical Yearbook of the Council for Mutual Economic Assistance, 1978, pages 175 and 178, Moscow, Statistika 1978.

countries were engaged more in cattle production than developing countries and therefore provided more such distribution area. The distribution of holdings by size of cattle herd by economic groups of the 30 countries is shown in Table 7 below.

Table 7 - Distribution of holdings with cattle by size of cattle herd, by economic groups of countries

	Number of holdings reporting (000)	Percentage distribution			
		Total (30 countries)	Developed countries (20)	Developing countries	
				Total (10 countries)	MSA countries (1)
Total	10 898	100.0	100.0	100.0	100.0
Holdings with 1 head	2 442	22.4	15.2	65.4	14.4
Holdings with 2 head	1 710	15.7	16.7	9.6	27.8
Holdings with 3 to 4 head	1 709	15.7	16.5	10.6	20.6
Holdings with 5 to 9 head	1 256	11.5	12.6	5.2	18.2
Holdings with 10 to 19 head	1 215	11.1	12.4	3.6	9.9
Holdings with 20 to 49 head	1 510	13.9	15.7	3.0	6.0
Holdings with 50 to 99 head	635	5.8	6.6	1.1	1.8
Holdings with 100 to 199 head	275	2.5	2.8	0.9	0.9
Holdings with 200 to 499 head	112	1.0	1.1	0.4	0.4
Holdings with 500 head and over	34	0.3	0.3	0.2	0.1

The group of developed countries amongst the 30 countries concerned had an average of 24.9 head of cattle per holding, the group of developing countries had an average of 9.4 head of cattle per holding and the group of MSA developing countries had an average size of 10.6 head of cattle per holding.

2.4 Type of holding

To obtain some measure of the degree of commercialization of production on agricultural holdings, the 1970 Programme recommended that countries should attempt to classify holdings according to whether they are producing mainly for home consumption or mainly for sale. The first category was defined to comprise holdings whose agricultural output was mainly (i.e. 50 percent of it or more) consumed by the holder's household. If more than 50 percent of the output is for sale the holding is classified as producing mainly for sale.

It was suggested in the 1970 Programme that holdings producing mainly for sale should be classified further into four types of activity. These types were: (i) holdings producing mainly crops; (ii) holdings producing mainly livestock and poultry and their products; (iii) mixed holdings (i.e. mainly producing crops, livestock and/or poultry but not belonging to the first or second category); and (iv) other holdings. The term "mainly" meant 50

percent or more of the value of sales of the holding. The category "other holdings" comprises holdings not belonging to the preceding three categories such as holdings producing mainly silkworm products or honey and bees wax, etc.

The classification of holdings according to type was one of the additions in the 1970 Programme. However, relatively few countries supplied tabulation of holdings by type. Data reported by 31 countries on number and land area of holdings by type appear in Table 2.4. Only 20 of these countries classified holdings as requested by the FAO Programme, i.e. into those producing mainly for home consumption and those producing mainly for sale and 12 of which subdividing further the latter group by type of activity. The other 11 countries classified all holdings by type of activity. As shown by the summary Table 8 below, out of about 14.6 million holdings in 20 countries for which these data were available, about 52 percent of all holdings produced mainly for home consumption and about 48 percent of all holdings produced mainly for sale. From the data available for only 3 countries about 35 percent of holdings in developed countries were producing mainly for home consumption. This percentage is unrealistically high because one of the 3 reporting countries - Czechoslovakia - counted plots of land given to members of the co-operatives for their personal use as separate holdings. In the group of 17 developing countries less than one-third of all holdings were reported producing mainly for sale, while in 4 MSA countries only about one-fifth of all holdings were reported producing mainly for sale. It should be noted that the percentage of holdings producing mainly for home consumption was affected by exclusion of small holdings from the census (see Table 3).

Table 8 - Number and percentage distribution of holdings by type, by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Number of holdings reporting (000)	Mainly for home consumption		Mainly for sale	
		Number (000)	Percent	Number (000)	Percent
Total (20)	14 621	7 590	51.9	7 031	48.1
Developed countries (3)	7 631	2 705	35.4	4 926	64.6
Developing countries (17)	6 990	4 885	69.9	2 105	30.1
Of which: MSA countries (4)	(1 751)	(1 356)	77.4	(395)	22.6
African region (9)	5 895	4 394	74.5	1 501	25.5
Latin American region (4)	679	250	36.8	429	63.2
Near East region (3)	382	227	59.4	155	40.6
Other developing countries (1)	34	14	41.2	20	58.8

The majority of holdings in developing countries in the African region, about 75 percent, were subsistence holdings, producing agricultural products mainly for consumption by family members of the holder's household, while in Latin America only about 37 percent of the holdings were reported producing mainly for home consumption. Again, the small number of countries (4) reporting this information for this region makes this figure not necessarily representative of the true picture of the type of holdings in this region. It should be noted that information on holdings producing for home consumption was not available for developing countries in the Far East region.

Out of the 29 million holdings in 23 countries included in Table 2.4 which were classified by type of activity, 80 percent were crop producing holdings, about 17 percent were producing mainly livestock and poultry and their products, 2 percent belonged to the category (iii) of mixed holdings, and 2 percent were reported mainly producing for sale of honey, beeswax, silkworm products, etc.

2.5 Holders

The holder for census purposes is defined in the 1970 Programme as the person (civil or juridical) who has the responsibility for the operation of the agricultural holdings. He exercises the technical initiative and has full or major economic responsibility for the operation of the holding. The holder may be an owner, a member of the owner's household, a tenant, a renter or sharecropper. Whenever the technical and economic responsibility for operating the holding is shared by two or more persons not belonging to the same household, each one is to be considered as a holder in respect of the related holding. If two or more persons jointly operating a holding were members of the same household, only one of them was to be considered as a holder. The holder may be a civil person, a corporation, a co-operative or consciously planned collective, government or a tribe and/or clan.

According to the 1970 Programme, information concerning the age of the holder and the holder's main occupation is to be collected on holders who are civil persons. However, most countries (60) limited the data collected to the age of the holder, and only 36 countries tabulated data on major occupation, i.e. whether the main occupation of the holder was agricultural or non-agricultural. Data on the age of the holder reported refer mostly to civil persons (Japan, Rep. of Korea, Panama, etc.), but some countries which considered hired manager as holder provided information also on legal status (e.g. Canada). Other countries did not provide data on the age of the holder even for all civil persons (age not known, difficulty in identifying holders in joint holdings, etc.). The number of holders classified by five age groups appears in Table 2.5. Table 9 summarizes the data by economic and regional groupings of countries. Out of a total of almost 53 million holders in the 60 countries reporting age of holder, about 46 percent were under 45 years of age and holders having age 65 years and over constituted around 9 percent of all holders. In developed countries about 41 percent of all holders were reported having 55 years of age or more, in developing countries, the proportion of holders 55 years of age or more was about 20 percent, and in MSA developing countries it was about 24 percent.

Data indicated that a relatively greater number of older persons were left to operate holdings, especially in countries and regions where the opportunities for non-agricultural employment for younger persons were relatively good (Europe, North American countries and some countries elsewhere). Amongst developing countries, the proportion of older holders in the Near East region was relatively higher than in other regions, presumably because of traditions rather than economic and/or other reasons. A similar tendency is indicated for the Latin American region but to a lesser extent. In general, such a tendency exists to a noticeable extent in most market economy countries.

Table 9 - Holders classified by age, by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Number of holders reporting (000)	Holders having age:				
		Under 35 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
		..... Percent				
Total (60)	52 784	17.2	29.0	24.6	20.2	9.0
Developed countries (22)	22 877	12.1	24.5	22.5	25.4	15.5
Developing countries (38)	29 907	21.2	32.4	26.2	16.2	4.0
Of which: MSA countries (8) ...	(5 016)	18.1	29.9	28.0	14.9	9.1
African region (14)	6 399	20.3	29.9	24.5	20.8	4.5
Latin American region (10)	2 009	22.7	11.9	36.1	17.2	12.1
Far East region (5)	20 638	21.9	35.1	26.6	13.7	2.7
Near East region (5)	822	5.8	35.0	8.2	38.4	12.6
Other developing countries (4)..	39	10.3	27.0	30.0	31.0	1.7

2.6 Main occupation of the holder

Data for holders classified by main occupation appear in Table 2.6 for 36 countries. The summary Table 10 shows that out of more than 21 million holders in these countries 25.5 percent of them were reported having non-agricultural main occupation. The holders with non-agricultural main occupations included holders who have regular full-time jobs off the holding and operate the holdings only during the week-ends or delegate the operation of the holding to other members of their households or to a hired manager. This group of holders included also holders who have part-time jobs off the holding and holders who take part-time or full-time jobs during slack periods in the operations of their holdings.

The proportion of holders who have non-agricultural main occupations was greater in developed countries than in developing countries. In the 12 developed countries for which data were available about 31 percent of all holders had non-agricultural main occupations while in the 24 developing countries this proportion accounted for about 18 percent.

The lowest proportion of holders with non-agricultural main occupations was in developing countries in the African region, around 13 percent, and in developing countries in the Near East region - about 14 percent. In developing countries in the Latin American region more than 23 percent of all holders had non-agricultural main occupations. In MSA countries around 28 percent of all holders were mainly engaged in non-agricultural work off the holding. These figures show that holders with non-agricultural main occupations were not confined to only developed countries but were also encountered, although to a lesser extent, in developing countries of Latin American and of the Far East regions, as well as in some of the MSA countries. It is worth noting that in the MSA countries as a group, relatively more holders had a non-agricultural main occupation as compared with other developing countries.

Table 10 - Holders by main occupation, by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Number of holders reporting (000)	Main occupation	
		Agricultural	Non-agricultural
		..... Percent	
Total (36)	21 390	74.5	25.5
Developed countries (12)	12 040	68.9	31.1
Developing countries (24)	9 350	81.6	18.4
Of which: MSA countries (2)	(2 424)	72.2	27.8
African region (7)	4 677	87.3	12.7
Latin American region (8)	1 846	76.8	23.2
Far East region (1)	1 619	67.7	32.3
Near East region (4)	1 169	86.0	14.0
Other developing countries (4)	39	76.3	23.7

TABLE 2.1 - Number of holdings by country, agricultural population per holding and average size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Number of all holdings (1000)	Agricul- tural population (1000)	Average per holding	
			Agricul- tural population (persons)	Area (ha)
TOTAL (89)	151 538	843 755	5.6	14.1
AFRICA (23)	14 428	90 090	6.2	9.1
ALGERIA	900	8 631	9.6	6.2
ANGOLA	1 067	3 614	3.4	3.9
BOTSWANA	48	535	11.1	4.8
CAMEROON	926	4 937	5.3	1.6
CENTRAL AFRICAN REPUBLIC	283	1 471	5.2	1.7
CHAD	366	3 281	9.0	2.6
COMO	143	498	3.5	1.4
GABON	71	407	5.7	1.0
GHANA	805	5 084	6.3	3.2
IVORY COAST	550	3 642	6.6	5.0
KENYA	1 487	9 237	6.2	4.1
LESOTHO	187	935	5.0	2.0
LIBERIA	122	1 152	9.4	3.0
LIBYA	161	620	3.9	13.0
MALAWI	885	3 884	4.4	1.5
REUNION	39	168	4.3	2.0
SIERRA LEONE	286	1 891	6.6	1.8
SOUTH AFRICA	90	6 637	7.7	992.2
SWAZILAND	39	331	8.5	19.7
TANZANIA	2 434	11 411	4.7	1.3
TOGO	233	1 437	6.2	1.4
ZAMBIA	2 538	17 159	6.8	2.3
ZAMBIA	768	3 128	4.1	3.1
NORTH AND CENTRAL AMERICA (15)	6 018	43 740	7.3	108.5
BELIZE	10	...	...	23.3
CANADA	366	1 762	4.8	187.6
COSTA RICA	82	732	8.9	38.1
DOMINICAN REPUBLIC	305	2 660	8.7	9.0
EL SALVADOR	318	2 007	6.3	4.6
GUADELOUPE	23	84	3.7	3.0
HAITI	617	3 142	5.1	1.4
HONDURAS	195	1 697	8.7	13.5
JAMAICA	193	554	2.9	3.1
MEXICO	1 020	22 752	22.3	137.1
PANAMA	115	606	5.3	18.2
PURTO RICO	33	225	6.8	15.9
ST. LUCIA	11	...	...	2.6
UNITED STATES	2 730	7 519	2.8	157.6
VIRGIN ISLANDS (U.S.)	0.2	...	...	40.0
SOUTH AMERICA (7)	8 392	64 345	7.7	47.6
BRASIL	4 924	43 432	8.8	59.7
COLOMBIA	1 177	8 355	7.1	26.3
ECUADOR	519	3 072	5.9	15.3
PERU	1 391	6 253	4.5	16.9
SURINAME	16	83	5.2	5.9
URUGUAY	77	449	5.6	214.7
VENEZUELA	288	2 701	9.4	91.9
Countries by continents (number of reporting countries is given in parenthesis)	Number of all holdings (1000)	Agricul- tural population (1000)	Average per holding Agricul- tural population (persons)	Area (ha)
ASIA (17)	103 681	579 155	5.6	2.2
BHARAIN	1	...	...	4.3
INDIA	70 493	376 607	5.3	2.3
INDONESIA	14 375	79 159	5.5	1.1
IRAQ	591	4 362	7.4	9.7
ISRAEL	40	286	7.2	13.5
JAPAN	5 354	20 170	3.8	1.0
JORDAN	56	770	13.8	7.0
KOREA, Republic of	2 421	15 996	6.6	0.9
KUWAIT	0.4	13	32.5	6.1
LEBANON	143	487	3.4	4.3
NEPAL	1 722	10 545	6.1	1.0
PAKISTAN	3 762	35 574	9.5	5.3
PHILIPPINES	2 354	19 911	8.5	3.6
SAUDI ARABIA, Kingdom of	181	5 111	28.2	6.7
SINGAPORE	16	71	4.4	0.8
SRI LANKA	1 647	6 898	4.2	1.2
SYRIA	524	3 195	6.1	9.0
EUROPE (21)	18 666	64 830	3.5	11.0
AUSTRIA	362	1 104	3.0	20.7
BELGIUM	184	467	2.5	8.7
CZECHOSLOVAKIA	1 472	2 425	1.6	8.1
DENMARK	140	549	3.9	21.0
FINLAND	297	1 035	3.5	51.0
FRANCE	1 588	6 947	4.4	22.1
GERMANY, Federal Republic of	1 075	4 528	4.2	14.2
GREECE	1 047	4 041	3.9	3.4
HUNGARY	803	2 848	3.5	9.3
IRELAND	279	782	2.8	20.3
ITALY	3 607	10 060	2.8	6.9
LUXEMBOURG	8	27	3.4	16.9
MALTA	11	22	2.0	1.5
NETHERLANDS	185	1 058	5.7	11.6
NORWAY	155	462	3.0	50.1
POLAND	3 399	12 668	3.7	4.9
PORTUGAL	812	2 875	3.5	6.1
SWEDEN	162	746	4.6	65.4
SWITZERLAND	153	488	3.2	8.4
UNITED KINGDOM	327	1 553	4.7	55.0
YUGOSLAVIA	2 600	10 145	3.9	4.8
OCEANIA (6)	353	1 595	4.6	1 463.3
AMERICAN SAMOA	2	...	...	2.0
AUSTRALIA	249	1 014	4.1	1 996.9
FIJI	34	247	7.3	7.2
GUAM	1	...	...	11.0
NEW ZEALAND	63	334	5.3	302.1
PACIFIC ISLANDS (TRUST TERRITORIES)	4	...	...	10.0

1/ Source: World-Wide Demographic Estimates and Projections 1950-2000.
Data refer to population actively engaged in agriculture.

TABLE 2.2 - Number of holdings by size of total area

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Holdings without land	Under 1 ha	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
TOTAL (84)		150 130 472	608 925	57 647 904	27 595 454	27 876 966	12 260 191	6 497 211	3 983 514	1 648 487	1 003 169	657 057	185 162	166 432
AFRICA (20)		13 110 850	206 457	5 221 506	3 643 406	2 952 512	718 071	216 498	133 636	11 270	3 448	1 933	705	1 408
ALGERIA	1973	899 545	168 683	161 667	108 448	180 277	128 496	89 312	49 216	10 007	2 637	802		
BOENANA 2/	1969	48 014	9 381	4 857	7 020	14 213	12 283	3 078	260					
CAMEROON 3/	1972/73	925 895	...	395 141	282 330	215 791	29 555	3 078	...					
CENTRAL AFRICAN REPUBLIC 2/	1973/74	283 450	...	91 298	100 653	166 258	36 476	2 914	...					
CHAD	1972/73	366 475	...	72 377	88 450	166 258	36 476	2 914	...					
CONGO 3/	1972/73	143 485	...	53 570	64 552	24 716	647	...						
GABON 3/	1974/75	71 074	...	48 288	12 036	20 716	...	...				
GHANA 3/	1970	805 200	...	304 000	193 000	71 000	...	...	14 100	...	...	...	...	...
IVORY COAST 2/	1974/75	549 708	...	52 421	89 656	209 414	136 900	51 468	9 564	285	...	...	...	...
KENYA 4/	1974	1 486 639	...	472 173	480 375	452 977	147 897	445	334	302	392	810	496	436
LESOTHO 2/	1970	187 421	2 345	52 560	63 313	8 425	8 425	...	...	...	...	...	...	...
LIBERIA 3/	1971	131 745	2 353	64 174	28 892	19 560	3 738	2 131	2 331	411	120	35	...	...
MALAWI 3/	1968/69	685 000	...	348 332	306 231	232 437	...	...	...	...	...	...	...	...
REUNION 5/	1972/73	39 111	7 895	20 895	4 840	4 000	1 381	...	...	...	...	...	...	...
SINTRA LEONE 3/	1970/71	286 137	...	108 531	77 115	84 650	15 841	...	...	...	...	...	...	...
SWAZILAND	1971/72	39 377	...	10 303	11 347	12 433	4 725	...	...	...	...	...	...	...
TANZANIA 3/	1971/72	2 434 425	...	1 414 750	563 861	328 050	50 125	23 647	53 952	...	...	...	...	...
TOGO 3/	1970	232 657	...	125 545	59 941	38 728	8 443	...	...	...	...	...	...	...
ZAMBIA 4/	1970	2 537 502	...	1 052 684	974 056	479 157	25 962	4 757	121	144	220	170	82	149
ZAMBIA 4/	1970/71	1 67 990	17 800	369 800	204 576	131 968	29 026	10 427	3 758	121	79	116	125	254
NORTH AND CENTRAL AMERICA (14)		6 008 005	154 256	1 116 204	529 810	597 457	405 950	449 707	841 346	786 540	585 074	387 474	85 081	69 106
CANADA	1971	366 128	...	3 190	3 860	9 876	10 822	15 444	59 756	81 068	79 702	102 470	...	...
COSTA RICA	1973	81 562	4 564	14 413	7 522	13 308	9 095	8 777	12 436	5 801	2 922	1 929	...	...
DOMINICAN REPUBLIC	1971	304 830	...	97 881	61 150	75 812	33 803	16 909	12 078	3 974	1 791	884	222	216
EL SALVADOR	1970/71	318 041	47 173	132 464	59 063	43 414	15 598	9 164	6 986	2 238	1 103	636	139	63
GUADALUPE 2/	1969/72	22 577	...	9 287	6 716	5 371	9 917	...	...	...	...	...	...	...
HAWAII	1971	616 710	...	361 985	141 930	89 410	18 550	3 945	890	...	...	...	...	...
HONDURAS	1974	195 341	...	33 771	38 650	52 360	28 264	19 220	15 170	4 433	1 971	1 057	276	169
JAMAICA	1968/69	193 359	4 768	108 817	38 120	29 568	8 039	2 280	336	336	225	293	...	...
MEXICO	1970	1 020 016	87 157	255 020	112 602	154 155	101 922	78 984	83 232	49 119	33 530	28 036	13 780	22 479
PANAMA	1971	115 364	10 092	20 032	14 859	19 509	13 937	14 179	14 138	5 526	1 920	853	211	108
PUEBTO RICO	1970	32 687	...	2 477	5 108	12 096	5 683	3 543	2 001	810	557	412	...	...
ST. LUCIA	1973/74	10 930	...	7 125	1 433	1 230	327	...	...	...	...	...	...	...
UNITED STATES	1959	2 730 250	...	69 604	38 766	91 388	158 970	276 868	633 588	633 177	461 304	250 876	69 958	45 771
VIRGIN ISLANDS (U.S.)	1970	212	...	58	31	40	23	18	19	7	7	9	...	...
SOUTH AMERICA (7)		8 373 601	14 509	1 300 829	1 050 642	1 775 560	1 150 198	1 060 633	1 059 027	447 100	269 641	190 657	62 792	52 013
BRASIL	1970	6/4 905 642	...	396 846	488 562	914 835	719 387	768 448	824 090	341 854	215 329	151 514	47 503	36 874
COLOMBIA	1970/71	1 176 811	...	268 705	177 828	253 692	159 659	117 863	100 010	47 763	26 553	16 344	4 927	3 487
ECUADOR	1974	519 111	10 866	134 684	83 218	118 079	54 935	41 425	42 537	22 276	5 760	3 897	1 615	689
PERU	1971/72	1 390 877	...	483 939	280 698	339 727	153 141	78 699	46 648	12 944	7 034	4 245	1 615	2 187

(continued)

See footnotes at end of table.

TABLE 2.2 - Number of holdings by size of total area (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Holdings without land	Under 1 ha	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
SOUTH AMERICA (cont'd)														
SURINAME	1969	16 078	7	3 521	4 095	5 739	1 784	581	257	28	22	20	13	11
URUGUAY	1970	77 163	...	...	3 439	7 646	11 897	12 259	13 071	7 927	6 603	6 734	3 626	3 961
VENEZUELA	1971	287 919	3 636	13 134	32 802	75 842	49 395	41 358	32 414	14 308	8 340	7 903	3 883	4 904
ASIA (16)														
BAHRAIN	1973/74	855	...	166	176	290	64	64	16	2	...	...	...	...
INDIA	1970/71	70 493 000	...	35 682 000	13 432 000	13 365 000	5 248 000	2 135 000	566 000	65 000	...	...	...	...
INDONESIA	1973	14 375 343	...	10 115 055	2 597 636	1 353 483	223 604	83 764	...	...	...	...	...	...
JAPAN	1971	591 178	52 021	67 225	65 767	107 421	126 718	109 671	53 052	5 808	1 952	1 090	453	1 801
ISRAEL 1/	1971	40 210	2 900	5 079	6 700	12 572	11 164	1 081	242	81	64	170	125	...
JAPAN 8/	1970	5 354 074	...	3 639 144	1 285 680	345 721	71 299	12 230	...	...	...	...	...	...
KOREA, Republic of 1/	1970	2 421 420	20 209	1 600 229	639 788	161 194	...	...	...	...	...	...	...	...
KHART	1970	449	...	61	53	46	...	39	18	13	1	...	...	...
LEBANON	1970	2 139 492	225	66 254	23 225	26 952	12 811	5 513	3 545	1 229	429	209	...	...
NEPAL	1971/72	1 721 546	13 852	1 321 626	190 295	146 437	36 666	10 997	1 512	147	14	...	...	...
PAKISTAN	1971/73	3 761 940	...	520 617	538 421	1 500 772	793 928	289 146	94 951	24 105	...	...	...	...
PHILIPPINES	1971	2 354 469	...	319 363	644 375	1 031 553	243 847	85 736	24 035	5 560	...	...	...	...
SAUDI ARABIA, Kingdom of	1973/74	180 670	...	69 245	37 636	33 537	17 722	12 357	6 577	2 002	1 594	...	...	...
SINGAPORE	1973	15 741	...	12 178	2 812	701	50	...	...	...	...	...	...	...
SRI LANKA	1973	10/1 645 260	9 512	1 161 589	278 327	162 725	22 304	7 071	3 732	...	...	...	...	...
SYRIA	1970/71	524 133	54 784	75 524	66 768	125 759	78 367	64 874	45 366	8 230	2 792	1 669	...	...
EUROPE (21)														
AUSTRIA 11/	1970	18 665 540	80 200	5 341 974	2 553 246	4 211 424	3 074 692	1 929 813	1 107 527	244 884	92 746	17 494	5 715	5 825
BELGIUM 5/	1970	362 216	...	34 171	41 569	71 034	62 281	73 464	62 413	11 597	3 651	1 936	...	...
CZECHOSLOVAKIA 5/	1970	184 005	4 543	49 065	15 373	28 799	33 059	33 480	17 089	2 222	375	...	...	...
DENMARK 5/	1970	1 472 462	...	1 343 030	47 283	48 064	21 959	2 106	2 285	254	747	2 700	2 642	1 392
FINLAND 5/	1969/70	140 197	...	1 419	3 121	9 988	29 510	43 989	43 904	7 055	1 611	...	...	...
FRANCE 5/	1970/71	297 257	...	...	33 573	75 223	97 935	67 989	20 625	1 620	...	...	...	...
GERMANY, Fed Rep of 5/	1971	1 587 643	3 678	166 719	115 873	209 798	250 466	354 826	369 610	93 222	27 125	...	...	...
GREECE 5/	1971	1 074 637	10 660	53 265	138 255	225 420	213 417	252 773	166 691	17 898	2 626	614	...	...
HUNGARY	1972	1 047 260	38 912	225 820	233 106	360 854	164 340	42 760	8 840	880	...	...	...	...
IRELAND	1970	802 892	...	690 114	47 908	19 956	2 813	162	65	67	85	131	323	2 356
ITALY	1970	279 450	...	7 478	15 619	33 469	56 577	78 903	67 399	15 920	4 087	...	...	...
LUXEMBOURG 5/	1970	3 607 262	16 061	1 151 234	660 063	889 714	457 362	240 362	111 103	29 265	22 098	...	...	...
MALTA	1968/69	1 608	...	669	506	975	994	1 547	2 619	298	...	...	...	...
NETHERLANDS 5/	1970	10 803	...	5 701	2 458	2 158	444	38	4	...	...	...	...	...
NORWAY 5/	1969	184 613	3 494	17 000	14 483	28 014	39 155	52 079	27 881	2 283	224	...	...	...
POLAND	1970	154 977	...	12 077	21 237	55 167	42 240	17 938	5 822	496	...	...	...	...
PORTUGAL	1970	3 398 959	...	662 183	472 692	967 488	886 334	373 327	35 980	955	...	...	...	...
SWEDEN 12/	1968	811 656	2 852	313 775	167 189	181 427	77 748	41 716	17 716	4 494	2 102	1 497	652	488
	1971	161 946	...	3 614	8 318	30 639	39 135	36 685	32 719	8 132	2 704	...	...	...

See footnotes at end of table.

(continued)

TABLE 2.2 - Number of holdings by size of total area¹(cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Holdings without land	Under 1 ha	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
EUROPE (cont'd)														
SWITZERLAND 11/	1969	152 859	...	32 688	13 445	22 939	33 469	38 023	11 475	706	88	26	...	-
UNITED KINGDOM	1970	326 698	...	14 213	17 568	40 104	39 517	49 576	86 399	47 318	24 669	10 295	1 890	1 149
YUGOSLAVIA	1969	2 600 140	...	557 741	463 507	910 194	515 937	128 470	22 888	202	258	295	208	440
OCEANIA (6)														
AMERICAN SAMOA	1970	352 696	...	11 879	8 683	26 743	24 613	23 017	42 932	46 516	45 414	56 361	30 291	36 247
AUSTRALIA	1970/71	1 923	...	783	598	394	86	53	9	...	-	-	-	-
FIJI	1968/69	249 485	...	1 542	3 307	14 609	12 934	15 716	29 732	32 274	33 024	45 477	27 019	33 851
GUM	1970	33 521	...	8 508	3 533	7 972	7 945	3 620	1 943	...	-	-	-	-
NEW ZEALAND	1970	1 121	...	535	276	175	56	36	25	18	...	-	-	-
PACIFIC ISLANDS (TRUST TERRITORY)	1972	62 789	...	227	455	2 048	2 728	3 292	11 012	14 085	12 390	10 884	3 272	2 396
	1970	3 857	...	284	514	1 545	864	300	211	139	...	-	-	-

1/ Unless otherwise specified in footnotes. 2/ Classification by land under temporary crops. 3/ Classification by land under crops. 4/ Classification by land under crops for traditional sector and by total area for modern sector. 5/ Classification by agricultural area. 6/ Excluding 18 377 holdings of size not reported. 7/ Classification by cropland. 8/ Classification by cultivated area (land under crops and cultivated pastures). 9/ Excluding 3 319 holdings of size not reported. 10/ Excluding 2 012 holdings of size not reported. 11/ Classification by productive land (agricultural land and wood and forest land). 12/ Classification by arable land.

TABLE 2.3- Percent distribution of holdings by size of total area^{1/}

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Holdings without land	Under 1 ha	1 ha and under 2	2 ha and under 5	5 ha and under 10	10 ha and under 20	20 ha and under 50	50 ha and under 100	100 ha and under 200	200 ha and under 500	500 ha and under 1000	1000 ha and over
Percent														
TOTAL (84)		100.0	0.4	45.0	18.4	18.6	8.2	4.3	2.7	1.1	0.7	0.4	0.1	0.1
AFRICA (20)		100.0	1.6	39.8	27.7	22.5	5.5	1.7	1.0	0.1	0.3	-	0.1	-
ALGERIA	1973	100.0	18.8	18.0	12.1	20.0	14.3	9.9	5.5	1.1	0.3	-	-	-
BOTSWANA ^{2/}	1968/69	100.0	19.5	10.1	14.6	29.6	25.6	-	0.5	...	-	-	-	-
CAMEROON ^{3/}	1972/73	100.0	...	42.7	30.5	23.3	3.2	0.3	...	...	-	-	-	-
CENTRAL AFRICAN REPUBLIC ^{3/}	1973/74	100.0	...	35.7	29.7	2.5	...	...	...	...	-	-	-	-
CHAD	1972/73	100.0	...	19.7	24.0	45.4	10.1	0.8	...	-	-	-	-	-
CONGO ^{3/}	1972/73	100.0	...	37.5	44.4	17.4	0.7	-	-	-	-	-	-	-
GABON ^{3/}	1974/75	100.0	...	67.6	18.3	14.1	...	-	-	-	-	-	-	-
GHANA ^{2/}	1970	100.0	...	37.7	24.2	24.0	8.8	3.5	1.8	...	-	-	-	-
IVORY COAST ^{3/}	1974/75	100.0	-	9.4	16.4	38.0	24.9	9.4	1.8	0.1	...	0.1	-	-
KENYA ^{4/}	1974	100.0	...	31.8	26.9	31.1	9.9	-	-	-	0.1	...	...	-
LESOTHO ^{3/}	1970	100.0	1.1	28.3	33.7	32.6	4.3	...	-	-	-	-	-	-
LIBERIA ^{3/}	1971	100.0	0.3	52.7	23.7	16.1	3.1	1.8	1.9	0.3	0.1	...	...	-
MALAWI ^{5/}	1968/69	100.0	...	39.1	34.6	26.3	...	-	-	-	-	-	-	-
REUNION ^{5/}	1972/73	100.0	20.5	53.8	12.8	10.3	2.6	...	-	-	-	-	-	-
SIERRA LEONE ^{3/}	1970/71	100.0	...	37.8	26.9	29.7	5.6	...	-	-	-	-	-	-
SWAZILAND	1971/72	100.0	...	25.6	28.2	33.4	12.8	...	-	-	-	-	-	-
TANZANIA ^{3/}	1971/72	100.0	...	58.1	23.2	13.5	2.1	1.0	2.2	...	-	-	-	-
TOGO ^{3/}	1970	100.0	...	54.1	25.8	16.7	3.4	...	-	-	-	-	-	-
ZAMBIA ^{4/}	1970	100.0	...	41.5	38.3	18.9	1.0	0.2	-	-	0.1	...	...	0.1
ZAMBIA ^{4/}	1970/71	100.0	2.3	48.1	26.6	17.2	3.8	1.4	0.5	-	-	-	-	-
NORTH AND CENTRAL AMERICA (14)		100.0	2.6	18.6	8.8	9.9	6.8	7.5	14.0	13.1	9.8	6.4	1.4	1.1
CANADA	1971	100.0	...	0.8	1.1	2.7	3.0	4.1	16.4	22.1	21.9	27.9	...	...
COSTA RICA	1973	100.0	6.1	17.1	9.8	15.9	11.0	11.0	14.6	7.3	3.7	2.5	0.6	0.4
DOMINICAN REPUBLIC	1971	100.0	...	32.1	20.0	24.9	11.1	5.6	3.9	1.3	0.7	0.3	0.1	...
EL SALVADOR	1971	100.0	14.8	41.8	18.6	13.5	5.0	2.8	2.2	0.6	0.3	0.2	0.1	...
GUADELOUPE ^{5/}	1969/72	100.0	...	39.1	30.4	26.1	4.4	...	-	-	-	-	-	-
HAITI	1971	100.0	...	58.7	23.0	14.4	3.1	0.6	0.2	...	-	-	-	-
HONDURAS	1974	100.0	...	17.5	20.0	26.7	14.4	9.7	7.7	2.1	1.0	0.5	0.2	0.1
JAMAICA	1968/69	100.0	2.5	56.3	19.7	15.3	4.2	1.2	0.5	0.2	0.1	0.1	...	...
MEXICO	1970	100.0	8.5	25.0	11.1	15.1	10.0	7.8	8.1	4.8	3.3	2.7	1.4	2.2
PANAMA	1971	100.0	8.7	17.4	13.0	16.5	12.2	12.2	12.2	5.2	1.7	0.9	0.2	...
PUERTO RICO	1970	100.0	...	6.1	15.1	36.4	18.2	12.1	6.1	3.0	1.8	1.2	...	...
ST. LUCIA	1973/74	100.0	...	63.6	9.1	9.1	9.1	9.1	...	...	...	...	...	...
UNITED STATES	1969	100.0	...	1.4	3.3	3.3	5.8	10.1	23.2	23.2	16.9	9.2	2.6	1.7
VIRGIN ISLANDS (U.S.)	1970	100.0	...	50.0	-	50.0	...	-	-	-	-	-	-	-

For footnotes see table 2.2

(continued)

TABLE 2.3 - Percent distribution of holdings by size of total area^{1/} (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census number of holdings	Total number of holdings	Holdings without land	Under 1 ha	1 ha and under 2	.2 ha and under 5	5 ha and under 10	10 ha and under 20	20 ha and under 50	50 ha and under 100	100 ha and under 200	200 ha and under 500	500 ha and under 1000	1000 ha and over	Percent	
															1000 ha and over	500 ha and under 1000
SOUTH AMERICA (7)		100.0	0.5	15.2	12.5	20.5	13.7	12.7	12.6	5.3	3.2	2.3	0.8	0.6		
BRAZIL	1970	100.0	...	8.1	10.0	18.7	14.7	15.7	16.7	7.0	4.4	3.1	1.0	0.8		
COLOMBIA	1970/71	100.0	...	22.9	15.1	21.6	13.6	10.0	8.5	4.1	2.2	1.4	0.4	0.3		
ECUADOR	1974	100.0	2.1	26.0	16.0	22.7	10.6	7.9	8.1	4.2	1.2	0.8	0.2	0.2		
PERU	1972	100.0	1.7	33.1	18.8	24.4	11.0	5.7	3.3	0.9	0.5	0.3	0.1	0.1		
SURINAME	1969	100.0	...	18.8	25.0	37.5	12.5	6.2	...	-	-	-	-	-		
URUGUAY	1970	100.0	...	-	3.9	10.4	15.6	15.6	16.9	10.3	9.1	9.1	3.9	5.2		
VENEZUELA	1971	100.0	1.4	4.5	11.5	26.4	17.0	14.2	11.4	4.9	2.8	2.8	1.4	1.7		
ASIA (16)		100.0	0.1	52.3	19.3	17.9	6.7	2.8	0.8	0.1	...	-	-	-		
BAHRAIN	1974	100.0	...	-	-	100.0	-	-	-	-	-	-	-	-		
INDIA	1970/71	100.0	...	50.6	19.1	19.0	7.4	3.0	0.8	0.1	...	-	-	-		
INDONESIA	1973	100.0	...	70.4	18.1	9.4	1.5	0.6	-	-	...	-	-	-		
IRAQ	1971	100.0	8.8	11.3	11.2	18.1	21.5	18.6	9.0	1.0	0.3	0.2	...	-		
ISRAEL ^{1/}	1971	100.0	7.5	12.5	17.5	30.0	27.5	2.5	-	2.5	...	-	-	-		
JAPAN ^{2/}	1970	100.0	...	68.0	24.0	6.5	1.3	0.2	...	...	-	-	-	-
KOREA, Republic of ^{1/}	1969/70	100.0	0.8	66.1	26.4	6.7	-	-	...	...	-	-	-	-
KUWAIT	1970	100.0	...	48.6	13.6	11.8	10.2	8.7	4.0	2.9	0.2	...	-	-		
LEBANON	1970	100.0	0.2	47.1	16.4	18.6	9.3	4.3	2.9	0.7	0.3	0.2	...	-		
NEPAL	1971/72	100.0	0.8	76.8	11.1	8.5	2.1	0.6	0.1	...	-	-	-	-		
PAKISTAN	1971/73	100.0	...	13.8	14.3	39.9	21.1	7.7	2.5	0.6	...	-	-	-		
PHILIPPINES	1971	100.0	...	13.6	27.4	43.8	10.4	3.6	1.0	0.2	...	-	-	-		
SAUDI ARABIA, Kingdom of	1973/74	100.0	...	38.1	21.0	18.2	9.9	6.6	3.9	1.1	1.1	...	-	-		
SINGAPORE	1973	100.0	...	77.4	17.9	4.4	0.3	...	-	-	...	-	-	-		
SRI LANKA	1973	100.0	0.6	70.6	16.9	9.9	1.3	0.4	0.2	...	-	-	-	-		
SYRIA	1970/71	100.0	10.5	14.3	12.8	24.0	14.9	12.4	8.6	1.5	0.6	0.4	...	-		
EUROPE (21)		100.0	0.4	29.0	13.8	22.7	16.4	10.1	5.7	1.2	0.5	0.1	...	-		
AUSTRIA ^{1/}	1970	100.0	...	9.4	11.6	19.6	17.1	20.2	17.1	3.3	1.1	0.6	...	-		
BELGIUM ^{2/}	1970	100.0	2.7	26.6	8.2	15.8	18.5	17.9	9.2	1.1	...	-	-	-		
CZECHOSLOVAKIA ^{2/}	1970	100.0	...	91.2	3.2	3.3	1.5	0.1	0.1	...	...	0.2	0.2	0.1		
DENMARK ^{2/}	1970	100.0	...	0.7	2.1	7.2	20.7	31.4	31.4	5.0	1.5	...	-	-		
FINLAND ^{2/}	1969	100.0	...	...	11.1	25.3	33.0	22.9	7.1	0.7	0.1	...	-	-		
FRANCE ^{2/}	1970	100.0	...	10.5	7.3	13.2	15.7	22.4	23.3	5.9	1.7	...	-	-		
GERMANY, Fed Rep of ^{2/}	1971	100.0	0.4	4.9	12.8	20.9	19.8	23.5	15.5	1.7	0.3	0.1	...	-		
GREECE ^{2/}	1971	100.0	1.1	21.6	22.3	34.5	15.7	4.1	0.9	...	-	-	-	-		
HUNGARY	1972	100.0	4.9	85.9	6.0	2.5	0.4	-	-	...	-	-	-	-		
IRELAND	1970	100.0	...	2.7	5.6	12.0	20.2	28.2	24.1	5.7	1.5	...	-	-		

(continued)

For footnotes see table 2.2

TABLE 2.3 - Percent distribution of holdings by size of total area^{1/} (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number holdings	Holdings without land	Under 1 ha	1 ha and under 2	2 ha and under 5	5 ha and under 10	10 ha and under 20	20 ha and under 50	50 ha and under 100	100 ha and under 200	200 ha and under 500	500 ha and under 1000	1000 ha and over
				Percent										
EUROPE (cont'd)														
ITALY	1970	100.0	0.4	31.9	18.9	24.7	13.0	6.7	3.1	0.8	0.6	...	...	...
LUXEMBOURG ^{2/}	1970	100.0	...	12.5	...	12.5	12.5	12.5	37.5	12.5	...	...	...	...
MALTA	1968/69	100.0	...	54.5	...	18.2	9.1	...	...	...	...	...	...	...
NETHERLANDS ^{5/}	1969/70	100.0	2.2	9.2	8.1	15.1	21.1	28.1	15.1	1.1	...	...	...	...
NORWAY ^{5/}	1969	100.0	...	7.7	13.5	35.5	27.1	11.6	3.9	0.6	...	...	...	...
POLAND ^{5/}	1970	100.0	...	19.5	13.9	28.5	25.1	11.0	1.1	...	...	...	...	...
PORTUGAL	1968	100.0	0.4	38.7	20.6	22.3	9.6	5.2	2.2	0.5	0.2	0.1	0.1	0.1
SWEDEN 12/ 11/	1971	100.0	...	1.9	4.9	19.1	24.1	22.8	20.4	4.9	1.9	...	...	...
SWITZERLAND	1969	100.0	...	21.4	8.3	15.0	21.9	24.9	7.5	0.5	...	...	...	...
UNITED KINGDOM	1970	100.0	...	4.3	5.5	12.2	12.2	15.3	24.5	14.4	7.7	3.0	0.6	0.3
YUGOSLAVIA	1969	100.0	...	21.5	17.8	35.0	19.2	4.9	0.9	...	...	...	...	...
OCEANIA (6)														
AUSTRALIA	1969	100.0	...	3.1	2.6	7.4	7.1	6.8	12.5	13.1	12.8	15.9	8.5	10.2
AMERICAN SAMOA	1970/71	100.0	...	50.0	50.0	...	...	...	...	...	...	...	...	...
AUSTRALIA	1968/69	100.0	...	0.4	1.2	6.0	5.2	6.4	12.0	12.9	13.3	18.1	10.8	13.7
FIJI	1969	100.0	...	24.2	9.1	24.2	24.2	12.1	6.1	...	...	...	...	...
GUAM	1969	100.0	...	50.0	20.0	20.0	10.0	...	...	...	...	...	...	...
NEW ZEALAND	1972	100.0	...	1.6	1.6	3.2	4.8	4.8	19.0	22.2	19.0	17.5	4.8	3.2
PACIFIC ISLANDS (Trust Territory)	1969	100.0	...	...	25.0	25.0	25.0	25.0	...	...	...	...	...	...

For footnotes see table 2.2

Number: in thousands
Area: in thousand hectares

TABLE 2.4 - Number and area of holdings by type of holding

Countries by continents (number of reporting countries is given in parenthesis)	Holdings producing mainly for home consumption		Holdings producing mainly for sale ^{1/}				Other holdings		
	Number	Area	Total		Livestock and poultry holdings		Number	Area	
			Number	Area	Number	Area			
<u>TOTAL (31)</u>									
<u>AFRICA (9)</u>									
CAMEROON	835	...	91	...	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	286	...	81	...	...	...	...	...	...
CONGO	120	...	24	...	...	...	...	...	...
GABON	401	...	404	...	...	...	...	...	...
LESOTHO	180	349	7.5	18.3	...	...	0.1	0.3	...
LIBERIA	83	80	39	...	36	...	...	...	...
SWAZILAND	37	97	2.3	9	2	...	0.3	1	...
ZAIRE	2 016	...	521	...	...	...	...	...	...
ZAMBIA	436	...	331	...	121	...	136	...	...
<u>NORTH AND CENTRAL AMERICA (6)</u>									
CANADA ^{2/ 3/}	...	...	258	58 770	91	24 857	4	1 101	352
EL SALVADOR	55	60	215.6	1 393	205	1 062	...	...	24
MEXICO ^{3/}	...	...	1	137 223	633	62 999	82	13 558	6 029
PANAMA	82	...	23	...	17	...	...	...	...
PUERTO RICO ^{3/}	...	...	33.2	...	21	...	0.2	...	...
UNITED STATES ^{2/ 3/}	...	...	1 733	371 629	604	97 814	127	22 995	4 353
<u>SOUTH AMERICA (3)</u>									
BRAZIL ^{3/}	...	...	4 924	294 145	3 937	117 881	...	...	23 494
SURINAME	6	11	10	83	5	56	3	20	...
VENEZUELA	107	4 171	180.8	22 300	115	2 343	30	4 557	67
<u>ASIA (7)</u>									
INDONESIA ^{3/}	...	...	14 374	14 168	12 479	11 669	...	...	...
IRAQ ^{3/}	...	...	591.3	5 732.8	520	5 594	5	37	0.8
JAPAN	780	...	4 567	...	4 062	...	...	...	...
JORDAN	26	97	29	293	17	150	7	114	6
LEBANON	72	...	74.1	...	57	...	11	...	...
SAUDI ARABIA, Kingdom of	129	...	52	...	...	...	...	...	...
SINGAPORE ^{3/}	...	...	16	11.5	2	1	13	10	...
<u>EUROPE (3)</u>									
CZECHOSLOVAKIA	1 348	645	124	6 319	43	28	51	6 151	...
LUXEMBOURG ^{3/}	...	...	8	...	1	...	1	...	...
PORTUGAL	577	1 441	235	3 534	...	...	...	...	...
<u>OCEANIA (3)</u>									
AUSTRALIA ^{3/}	...	...	228	486 102	67	27 712	...	...	...
FIJI	14	...	20	...	...	...	...	...	...
NEW ZEALAND ^{3/}	...	...	62	...	5	...	2	...	...

1/ Includes all holdings for countries which did not report separately holdings producing mainly for home consumption (see also footnote 3). Data refer to all enumerated holdings, including those producing mainly for home consumption, and also those producing mainly for sale. 2/ Holdings with sales of \$2 500 and over in related national currency unit. 3/ All holdings were included under category "holdings producing mainly for sale".

TABLE 2.5 - Number of holders classified by age

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holders reporting	Number of holders having age:				
			Under 35	35 to 44	45 to 54	55 to 64	65 and over
TOTAL (60)		52 784 237	9 086 574	15 299 813	13 004 003	10 654 507	4 739 340
AFRICA (14)		6 399 303	1 299 985	1 914 209	1 569 673	1 328 282	287 154
BOTSWANA	1969	47 754	3 343	7 641	11 938	10 028	14 804
CAMEROON	1972/73	925 895	236 117	238 513	227 358	137 749	86 158
CENTRAL AFRICAN REPUBLIC	1973/74	283 343	75 967	86 848	80 823	32 750	6 955
CHAD	1972/73	366 475	130 241	101 672	80 803	35 300	18 459
CONGO	1972/73	143 485	24 595	35 125	44 816	30 631	8 318
GABON	1974/75	71 074	2 652	11 787	19 527	37 108	...
GHANA	1970	804 800	80 000	408 900	315 900	...	...
IVORY COAST	1974/75	549 708	48 799	135 034	156 100	116 728	93 047
LESOTHO	1970	187 421	17 843	40 979	50 412	38 987	39 200
LIBERIA	1971	121 152	16 662	31 684	33 886	21 352	17 568
REUNION	1972/73	36 635	8 396	15 308	...	10 286	2 645
SIERRA LEONE	1970/71	286 137	51 224	71 093	68 115	95 705	...
SWAZILAND	1971/72	38 808	4 770	-	18 916	15 122	...
ZAIRE	1970	2 536 616	599 376	729 625	461 079	746 536	...
NORTH AND CENTRAL AMERICA (9)		3 711 573	493 918	768 586	977 863	898 073	573 133
CANADA	1971	366 128	55 535	83 431	106 568	80 945	39 749
DOMINICAN REPUBLIC	1971	253 076	57 128	65 030	62 117	38 312	30 489
GUADELOUPE	1969/72	22 577	3 617	5 122	5 934	4 918	2 986
JAMAICA	1968/69	192 196	18 307	59 913	46 838	42 161	24 977
PANAMA	1971	104 669	28 576	25 543	22 338	16 639	11 573
PUERTO RICO	1970	31 527	1 966	4 274	7 476	8 925	8 886
ST. LUCIA	1973/74	10 938	2 200	2 527	2 672	2 100	1 439
UNITED STATES	1969	2 730 250	326 567	522 698	723 977	704 014	452 994
VIRGIN ISLANDS (U.S.)	1970	212	22	48	43	59	40
SOUTH AMERICA (3)		1 394 274	343 303	76 741	577 728	233 223	163 279
PERU	1971/72	1 092 736	283 592	-	503 732	178 461	126 951
SURINAME	1969	16 078	3 286	4 392	3 311	2 619	2 470
VENEZUELA	1971	285 460	56 425	72 349	70 685	52 143	33 858
ASIA (12)		26 830 783	5 528 494	9 121 909	6 955 331	4 201 250	1 023 799
BAHRAIN	1973/74	771	58	176	261	171	105
INDONESIA	1973	14 237 152	3 153 491	5 464 922	3 871 103	1 747 636	...
IRAQ	1971	587 765	...	242 864	...	273 460	71 441
ISRAEL	1971	29 431	3 007	6 144	7 334	6 509	6 437
JAPAN	1970	5 341 844	952 607	1 591 693	1 400 852	1 045 040	351 652
JORDAN	1975	53 831	9 843	...	26 228	7 930	9 830
KOREA, Republic of	1970	2 417 368	496 771	666 398	626 019	446 921	181 259
KUWAIT	1970	319	64	100	78	37	40
PHILIPPINES	1971	2 354 469	605 462	685 964	552 196	343 479	167 368
SAUDI ARABIA, Kingdom of	1973/74	179 384	37 278	44 623	41 006	34 084	22 393
SINGAPORE	1973	15 741	2 291	4 083	3 703	5 664	...
SRI LANKA	1973	1 612 708	267 622	414 942	426 551	290 319	213 274
EUROPE (18)		14 409 203	1 416 842	3 407 807	2 911 673	3 981 545	2 691 336
AUSTRIA	1970	279 849	45 814	234 035	...	...	...
BELGIUM	1970	179 881	22 486	43 452	45 747	45 237	22 959
CZECHOSLOVAKIA	1970	1 462 906	215 047	270 501	298 121	401 619	277 618
DENMARK	1970	140 197	28 271	35 623	39 080	23 060	14 163
FRANCE	1970/71	1 587 643	130 347	358 140	392 766	432 210	274 180

See footnotes at end of table.

(Continued)

TABLE 2.5 Number of holders classified by age (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year.	Total number of holders reporting	Number of holders having age:				
			Under 35	35 to 44	45 to 54	55 to 64	65 and over
<u>EUROPE</u> (cont'd)							
GERMANY, Federal Republic of	1971	1 060 618	142 344	295 752	255 808	238 070	128 644
GREECE	1971	1 012 240	10 220	340 520	-	456 680	204 820
HUNGARY	1972	799 761	115 807	184 194	195 691	162 952	141 117
ITALY	1970	3 607 262	206 096	714 273	841 203	1 026 426	819 264
LUXEMBOURG	1970	7 608	569	1 511	1 736	2 131	1 661
MALTA	1968/69	10 699	1 474	2 112	2 521	2 811	1 781
NETHERLANDS	1970	178 077	26 491	43 175	48 271	41 307	18 833
NORWAY 2/	1969	144 534	11 439	23 456	39 064	41 038	29 537
PORTUGAL	1968	811 656	87 025	162 928	193 126	195 458	173 119
SWEDEN	1971	143 759	20 667	31 774	21 609	22 365	47 344
SWITZERLAND	1969	143 165	16 012	31 472	38 313	35 574	21 794
UNITED KINGDOM	1970	241 372	53 904	49 757	← 109 910	109 910	27 801
YUGOSLAVIA	1969	2 597 976	282 829	585 132	498 617	744 697	486 701
<u>OCEANIA</u> (4)							
		39 101	4 032	10 561	11 735	12 134	639
AMERICAN SAMOA	1970	1 729	364	497	467	285	116
FIJI	1968/69	33 462	3 366	9 218	10 047	10 831	...
GUAM	1970	876	93	225	258	188	112
PACIFIC ISLANDS (TRUST TERRITORY)	1970	3 034	209	621	963	830	411

1/ Excluding holdings with less than 0.5 ha. 2/ Male holder. Total female holders 9 959.

TABLE 2.6 - Holdings and area operated by main occupation of the holder

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holders reporting	Agricultural main occupation		Non-agricultural main occupation	
			Number	Area (ha)	Number	Area (ha)
TOTAL (36)		21 390 142	15 931 857	...	5 458 285	...
AFRICA (7)		4 677 529	4 084 964	...	592 565	...
ANGOLA	1969/70	1 067 230	898 158	...	169 072	...
GABON	1974/75	68 926	1/53 240	...	2/15 686	...
GHANA	1970	804 800	1/652 500	...	3/152 300	...
LIBERIA	1971	121 152	1/100 896	...	3/20 256	...
REUNION	1972/73	39 111	17 706	...	21 405	...
SWAZILAND	1971/72	38 808	27 440	86 382	11 368	20 015
ZAIRE	1970	2 537 502	1/2 335 024	...	2/202 478	...
NORTH AND CENTRAL AMERICA (5)		158 344	122 274	...	36 070	...
BELIZE	1973	10 004	8 476	...	1 528	...
PANAMA	1971	104 669	83 499	1 561 556	21 170	223 793
PUERTO RICO	1970	32 687	23 278	...	9 409	...
ST. LUCIA	1973/74	10 772	6 960	12 465	3 812	8 587
VIRGIN ISLANDS (U.S.)	1970	212	61	...	151	...
SOUTH AMERICA (3)		1 687 357	1 294 730	...	392 627	...
PERU	1971/72	1 385 819	1 033 111	...	352 708	...
SURINAME	1969	16 078	10 176	...	5 902	...
VENEZUELA	1971	285 460	251 443	...	34 017	...
ASIA (6)		2 822 761	2 119 064	...	703 697	...
BAHRAIN	1973/74	771	484	1 920	287	1 161
IRAQ	1971	590 994	531 408	5 353 268	59 586	272 748
ISRAEL	1971	34 900	4/17 200	...	5/17 700	...
JORDAN	1975	53 906	34 773	300 125	19 133	66 205
SRI LANKA	1973	1 618 787	1 096 659	1 237 813	522 128	317 340
SYRIA	1970/71	523 403	438 540	4 373 245	84 863	296 906
EUROPE (11)		12 004 835	8 280 840	...	3 723 995	...
FRANCE	1970/71	1 587 643	1 359 022	28 335 501	228 621	1 569 253
GERMANY, Federal Republic of	1971	1 060 617	611 701	...	448 916	...
GREECE	1971	1 047 260	758 720	3 035 230	288 540	551 064
HUNGARY	1972	799 761	165 487	139 911	634 274	240 396
ITALY	1970	3 607 262	2 777 021	...	830 241	...
MALTA	1968/69	10 784	3 647	...	7 137	...
NETHERLANDS	1970	178 077	149 945	1 912 475	28 132	109 351
NORWAY	1969	154 493	102 794	...	51 699	...
PORTUGAL	1968	811 656	608 869	...	202 787	...
SWITZERLAND	1969	149 306	88 604	1 104 100	60 702	123 686
YUGOSLAVIA	1969	2 597 976	1 655 030	...	942 946	...
OCEANIA (4)		39 316	29 985	...	9 331	...
AMERICAN SAMOA	1970	1 746	654	...	1 092	...
FIJI	1968/69	33 462	2/27 347	...	3/6 115	...
GUAM	1970	913	168	...	745	...
PACIFIC ISLANDS (TRUST TERRITORY)	1970	3 195	1 816	...	1 379	...

1/ Holders with agricultural occupation only. 2/ Holders with agricultural and non agricultural occupation. 3/ Holders with agricultural and other occupation. 4/ Holders working only on-farm. 5/ 11 800 holders working only off-farm plus 5 900 holders working on and off-farm.

3. AREA OF AGRICULTURAL HOLDINGS

3.1 Total area of holdings

The area within the boundaries of a holding may be arable land (including land temporarily fallow), land under permanent crops, permanent grazing land (cultivated or uncultivated), waste land, woodland, roads or lanes, ornamental gardens, swamp, streams, ditches, river beds, and fish and other ponds, land occupied by buildings, etc. Since the areas of these categories in a holding differ amongst holdings and amongst countries, the 1970 Programme suggested that the total gross area of a holding comprising all types of land within its boundaries should be recorded. Total area of a holding was classified in the 1970 Programme into five main categories - arable land, land under permanent crops, land under permanent meadows and pastures, wood or forest land and all other land. An exception to this recommendation was made in the case of shifting cultivation for which the 1970 Programme proposed that the total area of the holding should consist of the area under crops, during the census reference period, plus the area prepared for cultivation, but not planted, at the time of census enumeration.

The total area of agricultural holdings enumerated in the census very often was affected by the inclusion or omission of some categories of land from the area of holdings. In 14 African countries (Botswana, Cameroon, Central African Republic, Chad, Congo, Gabon, Ghana, Ivory Coast, Lesotho, Liberia, Malawi, Sierra Leone, Tanzania, Togo), where shifting cultivation was the usual practice, land in the three categories, namely, permanent meadows and pastures, wood or forest land and all other land were excluded from the total area of all holdings. In India, Indonesia, Philippines, Brazil, Suriname, Venezuela and others where shifting cultivation was practised on part of the holdings, the reported area of these holdings comprised only land under crops or land cultivated on the holdings. In two countries in Asia (Japan and Rep. of Korea) and in four countries in Europe (Denmark, Greece, Luxembourg and Netherlands) wood or forest land and "all other land" were excluded from the total area of holding. In Algeria "unproductive land" was excluded from the total area of holding and in Israel only cropland and "all other land" were recorded as land in agricultural holdings.

The total area in holdings was also affected by the omission of some kinds of holdings from the census. Relatively large areas of holdings operated by co-operatives, corporations and government in Algeria, Angola, Cameroon, Central African Republic, Congo, Gabon, Ivory Coast, Malawi, Sierra Leone, Togo, Haiti and Poland were excluded from the census. In South Africa, area of holdings operated by the Bantu tribes were excluded from the census. Omission from the census of some administrative regions, as was the case in Chad, Indonesia, Japan, Pakistan and Tanzania, also affected the total area in holdings. In the case of some countries, the omission from the census of many small holdings because of criteria for minimum size of holdings to be included in the census did not have a significant effect upon the total area of holdings, as area of these small holdings represented only a negligible fraction of the area of all holdings. The extent to which such minimum limits affected the total area in holdings is difficult to assess because of the lack of adequate information. The comparability and analysis of the data included in this report are subject to the limitations on the national data arising from the factors which affect the total area in holdings.

The area of all agricultural holdings in the 89 countries included in the report totalled 2 137 million ha (see Table 3.1 and Summary Table 11) and represented around 16 percent of the world's land area of about 13 075 million ha, which include China and the

USSR, or about 22 percent if China and USSR are excluded. The 89 countries had a total land area of about 7 164 million ha and approximately one-third of this area was in agricultural holdings. In developed countries, the proportion of area of land in agricultural holdings was much higher than the corresponding proportion for developing countries. In 28 developed countries around 40.2 percent of the total land area was in agricultural holdings, while in 61 developing countries this proportion was only around 21.1 percent. The proportion of area of agricultural holdings in 16 MSA countries was almost a quarter of their total land area, which shows that the rate of use of productive land in the MSA countries has reached a relatively higher level as compared with the other developing countries as a group. The developing countries in the Latin American region, however, have the highest proportion of area in holdings to total land area amongst all regions of the developing countries

Table 11 - Total land area and area in agricultural holdings by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Total land area (million ha)	Area in holdings (million ha)	Percent
Total (89)	7 164	2 137	29.8
Developed countries (28)	3 268	1 315	40.2
Developing countries (61)	3 896	822	21.1
Of which: MSA countries (16)	(903)	(209)	23.1
African region (21)	1 282	40	3.1
Latin American region (20)	1 488	554	37.2
Near East region (8)	465	15	3.2
Far East region (8)	659	213	32.3
Other developing countries (4)	2	0.3	15.0

In general, much of the land outside agricultural holdings is not suitable for crops or pastures. However, there are large areas of land especially grazing and range land in the United States, Australia, Uruguay and South Africa which were used for agricultural purposes but not considered as agricultural holdings as defined by the 1970 Programme and by these countries. Many countries of Africa, Asia, Europe and Latin America excluded communal or public pastures and grazing land in agricultural holdings. Similarly, nomadic grazing areas in Iraq, Libya and Algeria were not included in agricultural holdings.

More than half of the total area of holdings enumerated in the 89 countries was located in the 28 developed countries. Oceania alone had area in holdings almost one-quarter of the total land area. The total area in holdings in both Australia and the United States is about 43 percent of the total area in holdings in all the 89 countries. Each of the three other countries, Brazil, Mexico and India, had more than 100 million ha of area in holdings. These five countries together had the largest area in holdings which is more than two-thirds of the area in holdings in all the 89 countries.

3.2 Adjustment of data for size groups of holdings

The size of holding in terms of land area is one of the major characteristics of holdings investigated in agricultural censuses. The classification of holdings according to size of land area provides useful information on the level of concentration of agricultural production and on the pattern of distribution of a large proportion of holdings. Most of the 151 million holdings in the 89 countries are used for crop production and the size of land area may limit the magnitude of agricultural operations, particularly for the 69 million smaller holdings with land area less than 2 ha.

Total area of holdings was suggested by the FAO Programmes as the most practicable international criterion for use in classifying holdings by size groups. Out of the 84 countries for which tabulations are presented in the report by size of holding 50 countries used total area, as recommended by the 1970 Programme, for classification of holdings; 16 countries used land under crops; 12 countries used agricultural area; 2 countries used cropland and 2 countries used productive land (agricultural land and wood or forest land); one country used cultivated land and one country used arable land (details are given in the footnotes to Table 3.2).

The 1970 Programme suggested 18 size of holding groups for the classification and tabulation of holdings by size. These size groups were as follows:

1. Holdings without land	10. 5 and under 10 ha
2. Under 0.1 ha	11. 10 and under 20 ha
3. 0.1 and under 0.2 ha	12. 20 and under 50 ha
4. 0.2 and under 0.5 ha	13. 50 and under 100 ha
5. 0.5 and under 1 ha	14. 100 and under 200 ha
6. 1 and under 2 ha	15. 200 and under 500 ha
7. 2 and under 3 ha	16. 500 and under 1 000 ha
8. 3 and under 4 ha	17. 1 000 and under 2 500 ha
9. 4 and under 5 ha	18. 2 500 ha and over.

Many countries did not provide the data according to the FAO recommended size groups. This was due to a number of reasons. As indicated earlier, the choice of the minimum size limit for a holding to be enumerated in the census differed amongst countries. The number of holdings over 1 000 ha if any, were not numerous in many countries and, hence, the larger two groups were often combined into one size group, e.g. 1 000 ha and over. Some countries, mainly in Africa, covered in their censuses only the traditional agricultural sector which generally did not include large holdings. Also, in a few countries, the larger holdings were enumerated separately but the related data were not available. Data were available for size groups under 1 ha for 33 countries (see Table 3.4), and only 26 countries provided separate data for the size groups 1 000 ha and above (see Table 3.6). Furthermore, because units of area measurement different from the hectare were used in some countries it was necessary to readjust the data for these countries to conform to the FAO classification. Similar adjustments were necessary for countries using the metric system and which did not conform to the 1970 Programme recommended size classes. For these reasons and to enable the utilization of available data for 84 countries for the size groups used in this report it was necessary to limit the classification of holdings in this report for comparative purposes to eleven size groups only (see Table 3.2). In this way there was no need to adjust data in the case of 48 countries. The adjustment of national data, using interpolation, for each of the eleven size group used in this report was required in the case of 15 countries and territories, i.e. American Samoa, Botswana, Canada, Fiji, Ireland,

Jamaica, Lesotho, Malawi, Malta, Puerto Rico, Sierra Leone, Togo, United States, Virgin Islands (U.S.) and Zambia. In the case of other 21 countries partial adjustment had to be made for the size group under 1 ha, estimates by interpolation were made for 8 countries: Australia, Denmark, Dominican Republic, New Zealand, Norway, Sri Lanka, St. Lucia and Sweden; for the size groups 1 ha to under 5 ha, estimates by interpolation were made for 18 countries and territories: Australia, Denmark, Dominican Republic, Greece, Guam, Iraq, Mexico, New Zealand, Norway, Pacific Islands, Philippines, Portugal, Sri Lanka, St. Lucia, Swaziland, Syria, Sweden and Uruguay; for the size group 5 to 10 ha estimates by interpolation were made for 5 countries: Australia, Portugal, Sri Lanka, St. Lucia and Syria; for size groups 10 to 20 ha and 20 to 50 ha interpolation estimates were made for 7 countries: Czechoslovakia, Dominican Republic, Mexico, Pakistan, Philippines, Portugal and St. Lucia; for size groups 100 to 500 ha adjustments were made for Ecuador and for size groups 200 to 1 000 ha for New Zealand.

In countries using acres as a unit of measurement of land area, size groups with limits of 2.5, 5, 25, 50, 250 and 500 acres were approximately the same as some of the proposed FAO size classes when converted to hectares, and in these cases it was not considered necessary to adjust the related national data. The conversion of limits given in acres into hectares was made, therefore, by simply applying the factor 0.4 instead of 0.40468. The estimation of the number of holdings and area of holdings for the required size groups was generally made by a method (linear interpolation on probit scale) based on the assumption that the distribution of agricultural holdings classified by size follow log-normal distribution.

3.3 Land area of holdings by size of total area

The distribution of the land area of holdings by size of total area is shown in Table 3.2 and the corresponding percentage distribution in Table 3.3. Data were available for 150.1 million holdings with a total area of about 2 041 million ha. Out of this total area 29 million ha were in 67.6 million holdings with less than 1 ha of total area, and 2 012 million ha were in 81.9 million holdings having a total area of 1 ha or more. The remaining 0.6 million holdings were mostly livestock holdings using communal pastures and reporting no land operated.

A number of countries (11) which did collect data on total land area of holdings (i.e. all categories of land use) did not classify data by size of total area, but used another measure of size of holdings as criterion for classification. Seven of these countries, i.e. Belgium, Czechoslovakia, Fed. Rep. of Germany, Finland, France, Norway and Réunion classified data on total area by size of agricultural area (cropland plus permanent meadows and pastures); two countries, i.e. Austria and Switzerland, classified data on total area by size of productive area (agricultural area and wood and forest land); Israel classified data on total area by size of cropland and Sweden by size of arable land. Similarly, the Rep. of Korea collected data on land area but classified them by size of cropland. For all these countries, whenever available, data on total land area are shown classified by size, whatever criterion for classification was applied.

Table 12 summarizes the available data on land area of holdings by size of holdings and by economic groups of countries.

Table 12 - Distribution of land area of holdings by size of holding and by economic groups of countries

	Total (84 countries)		Developed countries (27)		Developing countries			
					Total (57 countries)		MSA countries (16)	
	Million ha	Percent	Million ha	Percent	Million ha	Percent	Million ha	Percent
Total	1 041	100.0	1 226	100.0	814	100.0	209	100.0
Under 1 ha	29	1.4	5	0.4	24	2.9	17	8.4
1 and under 2 ha	40	2.0	7	0.5	33	4.1	24	11.4
2 and under 5 ha	94	4.6	21	1.8	72	8.9	54	25.9
5 and under 10 ha	95	4.7	34	2.8	62	7.6	46	22.0
10 and under 20 ha	97	4.8	40	3.2	57	7.0	34	16.0
20 and under 50 ha	126	6.2	64	5.2	62	7.6	20	9.6
50 and under 100 ha	121	5.9	73	6.0	48	5.9	9	4.2
100 and under 200 ha	149	7.3	105	8.5	44	5.4	0.4	0.2
200 and under 500 ha	221	10.8	151	12.3	70	8.6	0.8	0.4
500 and under 1 000 ha ...	128	6.3	73	6.0	56	6.9	0.6	0.3
1 000 ha and over	939	46.0	653	53.3	286	35.1	2.5	1.2

As conditions governing agriculture widely vary among countries, similarly the distribution of area in holdings by size of holding varies also between various economic groups of countries. In a group of 27 developed countries, holdings with size less than 5 ha had only 2.7 percent of land in all holdings, while the corresponding percentage for a group of 16 MSA countries was about 46. At the other end of the scale, holdings with 100 ha or more in size accounted for about 80 percent of the total area of all holdings in developed countries, while the corresponding percentage for this group of holdings in MSA countries was about 2. The proportion of land in holdings of medium size from 20 to under 100 ha was practically of the same order of magnitude in both developed and developing countries and also in the sub-group of MSA developing countries. Largest holdings with land more than 1 000 ha accounted for about 53 percent of all land in holdings in developed countries and around 35 percent in developing countries and about 1 percent in the sub-group of MSA countries.

Data for 66 countries were available (or estimated by interpolation for Ireland, Kenya, Lebanon, Nepal and Tanzania) on the number and area of small holdings with land area from 1 to under 5 ha classified into four classes: 1 and under 2 ha, 2 and under 3 ha, 3 and under 4 ha and 4 and under 5 ha. Figures on distribution of number and area of these small holdings (1 to 5 ha) for the 66 countries are presented in Table 3.5 and summarized by economic groups of countries in Table 13. Referring to Table 2.2 the total number of these small holdings was 55.5 million in all 84 countries included in the report and they accounted for 37.1 percent of all holdings in the 84 countries. Also referring to Table 3.2 the area in holdings of 1 to under 5 ha in the 84 countries totalled 134 million ha and

represented 6.6 percent of the area in all the holdings. Out of about 54.8 million small holdings with land from 1 to under 5 ha in the 66 countries, about 46.8 million holdings or about 85 percent were located in developing countries and only around 8 million holdings or about 15 percent in developed countries. Similarly, about 84 percent of the area in holdings with 1 to under 5 ha of land belonged to holdings in developing countries. The percentage distribution of the number of and area in holdings with land area of 1 to under 5 ha by detailed size classes, was almost the same in developed as in developing countries, with a slight variation in the group of MSA countries mainly in the size group 4 to under 5 ha (last two columns of Table 13).

Table 13 - Distribution of holdings and area of holdings having land from 1 to under 5 ha, by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Total holdings 1 to under 5 ha		Percentage distribution of holdings and area							
	Number (000)	Area (000 ha)	1 and under 2 ha		2 and under 3 ha		3 and under 4 ha		4 and under 5 ha	
			Number	Area	Number	Area	Number	Area	Number	Area
			..... Percent							
Total (66)	54 767	125 915	49.9	31.5	24.7	26.0	14.8	22.1	10.6	20.4
Developed countries (20) ..	8 012	20 587	46.3	30.4	23.7	23.0	15.6	21.1	14.4	25.5
Developing countries (46) ..	46 755	105 328	50.5	31.6	24.9	26.7	14.7	22.3	9.9	19.4
Of which: MSA countries (16)	(33 702)	(77 814)	49.1	30.5	25.3	26.7	15.1	22.5	10.5	20.3

Table 3.4 shows the distribution of number and area of holdings with less than 1 ha, classified in two size groups (under 0.5 ha and 0.5 ha to under 1 ha) from data available in 33 countries. It should be noted that because of various minimum limits of size of land area applied in different countries for determining the holdings to be enumerated in the census, the number and area of holdings with land less than 1 ha are, to a great extent, understated, particularly in developed countries. Even then, this group of enumerated very small holdings represents 45 percent of the total number of all enumerated holdings with land in 84 countries. However, the share of these very small holdings in the total area in all enumerated holdings was negligible; it accounted for only 1.4 percent of the area in holdings in the 84 countries. Around 63 percent of the total of 58.8 million holdings with land area less than 1 ha enumerated in the 33 countries were holdings under 0.5 ha. These smaller holdings had less than 34 percent of the total of 6.3 million ha in all holdings less than 1 ha. More than 85 percent of holdings under 0.5 ha were enumerated in developing countries and about 72 percent of those holdings were mostly in Asian and African MSA countries.

Data on distribution of the number of holdings combined by the distribution of land area in holdings by size groups, usually provide a good insight into the structural pattern and into the degree of concentration of land in various size groups of holdings. In general, these distributions reveal one of the main features of the pattern of land resources, that a relatively large proportion of the land area holding is concentrated in a small proportion of holdings. Approximately 67.6 million or about 45 percent of all holdings in 84 countries

had an area of only 29.5 million ha, or 1.4 percent of the total area in all holdings. On the other hand, around 1 million holdings or 0.7 percent of all holdings had 1 288 million ha or 63 percent of all land in holdings.

The degree of land concentration varies to some extent according to the level of economic and social development in various groups of countries as indicated by Table 14 below showing the percentage distribution of the number of holdings and of area in holdings by economic groups of countries.

Table 14 - Distribution of number and area of holdings by size and by economic groups of countries

	Total (84 countries)		Developed countries (27)		Developing countries			
	Holdings	Area	Holdings	Area	Total (57 countries)		MSA countries (16)	
					Holdings	Area	Holdings	Area
	..... Percent							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 1 ha ^{1/}	45.5	1.4	33.1	0.4	48.1	2.9	49.0	8.4
1 and under 2 ha	18.4	2.0	14.2	0.5	19.3	4.1	19.2	11.4
2 and under 5 ha	18.6	4.6	17.1	1.8	18.9	8.9	20.0	25.9
5 and under 10 ha	8.2	4.7	12.2	2.8	7.3	7.6	7.8	22.0
10 and under 20 ha	4.3	4.8	8.2	3.2	3.5	7.0	3.0	16.0
20 and under 50 ha	2.6	6.2	6.7	5.2	1.7	7.6	0.9	9.6
50 and under 100 ha	1.1	5.9	3.7	6.0	0.5	5.9	0.1	4.2
100 and under 200 ha	0.7	7.3	2.5	8.5	0.3	5.4	-	0.2
200 and under 500 ha	0.4	10.8	1.6	12.3	0.2	8.6	-	0.4
500 and under 1 000 ha ..	0.1	6.3	0.4	6.0	0.1	6.9	-	0.3
1 000 ha and over	0.1	46.0	0.3	53.3	0.1	35.1	-	1.2

^{1/} Including holdings without land.

In the MSA countries, almost all land area in holdings belongs to a group of holdings with land area less than 100 ha, while in developed countries four-fifths of total land area in holdings belong to a small number of large holdings with land area of 100 ha or more.

TABLE 3.1 - Number and area of holdings

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings	Area (ha)	Remarks	Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings	Area (ha)	Remarks
TOTAL (89)		151 538 383	2 136 952 763		SIERRA LEONE	1970/71	286 137	520 572	Traditional sector only
AFRICA (23)		14 429 501	131 185 746		SOUTH AFRICA	1971	90 422	89 297 821	Excluding Bantu tribal holdings
ALGERIA	1973	899 545	5 544 145	Private sector only	SWAZILAND	1971/72	39 377	766 775	Excluding Zanzibar and Pemba
ANGOLA	1969/70	1 067 230	4 179 600	Traditional sector only	TANZANIA	1971/72	2 434 425	3 069 950	Excluding Zanzibar and Pemba
BOTSWANA	1969	48 014	228 209	Traditional sector only	TOGO	1970	232 657	328 909	Traditional sector excl. the parishes of Lomé, Aného, Tsévié, Palimé, Atakpamé, Sokodé, Bassari
CAMEROON	1972/73	925 895	1 489 758	Traditional sector only excluding the prefectures of Bamingui-Bangorai, Vakaga, Haut- Mbomou	ZAIRE	1970	2 537 502	5 896 181	Excl. 11 cities & 68 urban centres
CENTRAL AFRICAN REPUBLIC	1973/74	283 450	491 465	Traditional sector including 8 prefectures: Kanem Lac, Logone occidental, Logone oriental, Tandjillé, Mayo-Kébi, Moyen Chari, Chari Baguirmi	ZAMBIA	1970/71	767 990	2 416 187	
CHAD	1972/73	366 475	962 166	Traditional sector including 8 prefectures: Kanem Lac, Logone occidental, Logone oriental, Tandjillé, Mayo-Kébi, Moyen Chari, Chari Baguirmi	NORTH AND CENTRAL AMERICA (15)				
CONGO	1972/73	143 485	196 774	Traditional sector excluding the cities of Brazza- ville, Pointe Noire, Loubome & N'Kayi	GUADELOUPE	1970	22 577	68 714	Traditional sector only
GABON	1974/75	71 074	72 738	Traditional sector only	HAITI	1971	616 710	863 520	Traditional sector only
GHANA	1970	805 200	2 574 200	Traditional sector	HONDURAS	1974	195 341	2 629 859	
IVORY COAST	1974/75	549 708	2 753 491	Traditional sector only (Modern sector consists of 550 holdings with 100 ha or more)	JAMAICA	1968/69	193 359	602 659	
KENYA	1974	1 486 639	6 131 776	Pastoral zone excl. Traditional sector only	MEXICO	1970	1 020 016	139 868 191	
LESOTHO	1970	187 421	372 342	Pastoral zone excl. Traditional sector only	PANAMA	1971	115 364	2 098 062	Excluding the indigenous zones
LIBERIA	1971	121 745	365 673	Traditional sector	Puerto Rico	1970	32 687	524 575	
LIBYA	1974	160 999	2 088 383	Traditional sector	ST. LUCIA	1973/74	10 938	29 138	
MALAWI	1968/69	885 000	1 361 400	Traditional sector only	UNITED STATES	1969	2 730 250	430 321 437	
REUNION	1972/73	39 111	77 231	Traditional sector only	VIRGIN ISLANDS (U.S.)	1970	212	8 284	

(continued)

TABLE 3.1 - Number and area of holdings (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings	Area (ha)	Remarks	Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings	Area (ha)	Remarks
<u>SOUTH AMERICA (7)</u>					<u>SRI LANKA</u>	1973	1 647 272	2 036 142	
BRAZIL	1970	4 924 019	399 714 903		SYRIA	1970/71	524 133	4 721 383	
COLOMBIA	1970/71	1 176 811	294 145 466		<u>EUROPE (21)</u>		18 665 540	204 906 166	
ECUADOR	1974	519 111	30 993 190		AUSTRIA	1970	362 216	7 490 463	
PERU	1971/72	1 390 877	7 949 403		BELGIUM	1970	184 005	1 602 864	
SURINAME	1969	16 078	23 545 147		CZECHOSLOVAKIA	1970	1 472 462	11 874 100	
URUGUAY	1970	77 163	16 517 730		DENMARK	1970	140 197	2 941 316	
VENEZUELA	1971	287 919	26 470 134		FINLAND	1969/70	297 257	15 150 223	
<u>ASIA (17)</u>					FRANCE	1970/71	1 587 643	35 039 217	
BAHRAIN	1973/74	855	3 702		GERMANY, Fed Rep of	1971	1 074 637	15 236 139	
INDIA	1970/71	70 493 000	162 124 000	Excl. the Union Territory of Mizoram	GREECE	1971	1 047 260	3 586 294	
INDONESIA	1973	14 375 343	16 393 826	Excl. Irian Jaya	HUNGARY	1972	802 892	7 476 103	
IRAQ	1971	591 178	5 732 481		IRELAND	1970	279 450	5 650 000	
ISRAEL	1971	40 210	539 800		ITALY	1970	3 607 262	25 064 218	
JAPAN	1970	5 354 074	5 388 554	Excl. Ryukyu Is.	LUXEMBOURG	1970	7 608	135 143	
JORDAN	1975	55 548	390 403		MALTA	1968/69	10 803	15 899	Excl. the Island of Comino (2.6 km ²)
KOREA, Republic of	1970	2 421 420	2 132 233		NETHERLANDS	1970	184 613	2 142 597	Excl. 327 116 holdings having less than 0.5 ha of agricultural area with total area of 732 543 ha and with agricultural area of 30 921 ha
KUWAIT	1970	449	2 726		NORWAY	1969	154 977	7 772 091	
LEBANON	1970	142 811	619 627		POLAND	1970	3 398 959	16 418 552	Private sector only
NEPAL	1971/72	1 721 545	1 654 022		PORTUGAL	1968	811 656	4 974 157	Excl. area under permanent meadows and pastures & all other land in 16 095 holdings in the size class 0.3 to 2.0 ha
PAKISTAN	1971/73	3 761 940	19 913 400	The census covered the 4 Provinces of Sind, Baluchistan, Punjab & the North West Frontier. Some sub-divisions such as Shakargari, Cholistan & areas of D.G.Khan from Punjab, Mithi from Sind, Mari Bagti from Baluchistan and Northern areas of Gilgit and Baltistan could not be included in the census coverage.	SWEDEN	1971	161 946	10 589 946	
					SWITZERLAND	1969	152 559	1 292 110	
					UNITED KINGDOM	1970	326 698	17 992 312	
					YUGOSLAVIA	1969	2 600 140	12 462 422	
					OCEANIA (6)		352 696	516 553 846	
					AMERICAN SAMOA	1970	1 923	4 212	
					AUSPITALIA	1971	249 485	497 223 700	
					FIJI	1968/69	33 521	245 332	
					GUAM	1970	1 121	10 586	
					NEW ZEALAND	1972	62 789	19 030 369	
					PACIFIC ISLANDS (TRUST TERRITORY)	1970	3 857	39 647	
PHILIPPINES	1971	2 354 469	8 493 735						
SAUDI ARABIA, Kingdom of	1973/74	180 670	1 213 462	Excl. the nomadic tribes living in the desert					
SINGAPORE	1973	15 741	11 833						

TABLE 3.2 - Area of holdings by size of total area ^{1/}

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area of holdings	Under 1 ha	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
Thousands of hectares													
TOTAL (84)		2 040 737	29 459	40 296	93 774	95 450	97 191	126 242	120 939	149 291	221 016	128 312	938 773
<u>AFRICA</u> (20)		35 608	2 879	5 289	9 099	5 145	2 750	2 511	741	458	707	500	5 529
ALGERIA ^{2/}	1973	5 544	63	144	560	873	1 201	1 419	655	346	283	...	-
BOTSWANA ^{2/4/}	1969	228	3	11	46	157	...	11	...	-	-	-	-
CAMEROON ^{3/4/}	1972/73	1 480	204	405	638	192	41	...	...	-	-	-	-
CENTRAL AFRICAN REPUBLIC	1973/74	491	53	146	245	43	4	...	-	-	-	-	-
CHAD ^{3/}	1972/73	962	42	132	520	229	39	...	-	-	-	-	-
CONGO ^{3/}	1972/73	197	36	91	66	4	...	-	-	-	-	-	-
GABON ^{3/}	1974/75	73	23	18	32	...	-	-	-	-	-	-	-
GHANA ^{3/}	1970	2 574	239	294	663	526	394	458	...	-	-	-	-
IVORY COAST ^{3/}	1974/75	2 753	30	135	701	942	674	253	...	-	-	-	-
KENYA ^{5/}	1974	6 132	274	601	1 478	1 105	5	11	22	57	269	345	1 965
LESOTHO ^{3/}	1970	372	32	94	187	59	...	-	-	-	-	-	-
LIBERIA ^{3/}	1971	366	31	42	60	26	29	72	27	16	63	...	-
MALAWI ^{5/1/}	1968-69	1 361	205	441	715	...	-	-	-	-	-	-	-
REUNION ^{5/1/}	1972/73	75	12	8	18	37	...	-	-	-	-	-	-
SIERRA LEONE ^{3/}	1970/71	521	46	115	256	104	...	-	-	-	-	-	-
SWAZILAND	1971/72	767	6	17	40	44	...	-	-	-	-	-	660
TANZANIA ^{3/}	1971/72	3 070	674	793	963	330	140	170	...	-	-	-	-
TOGO ^{3/}	1970	329	51	80	111	87	...	-	-	-	-	-	-
ZAIRE ^{5/}	1970	5 897	685	1 449	1 418	200	70	4	11	29	51	56	1 924
ZAMBIA ^{5/}	1970/71	2 416	170	273	382	187	153	113	8	10	41	99	980
NORTH AND CENTRAL AMERICA (14)		652 982	551	764	1 936	2 943	6 534	27 866	56 193	82 426	135 350	58 151	280 263
CANADA	1971	68 663	2	5	30	86	237	1 925	6 024	11 312	49 042	...	-
COSTA RICA	1973	3 123	6	10	43	65	123	387	396	392	577	339	785
DOMINICAN REPUBLIC	1971	2 736	41	75	236	231	231	357	268	249	268	148	632
EL SALVADOR	1970/71	1 452	70	81	132	111	127	215	154	152	191	95	124
GUADELOUPE ^{5/6/}	1970	62	5	9	16	6	2	2	2	20	...	-	-
HAITI	1971	864	185	212	273	121	49	24	...	-	-	-	-
HONDURAS	1974	2 630	22	54	164	201	268	461	301	267	313	184	395
JAMAICA	1968/69	603	39	54	83	55	30	28	23	30	261	...	-
MEXICO	1970	139 868	145	183	553	778	1 198	2 783	3 714	4 916	9 148	10 023	106 427
PANAMA	1971	2 098	5	17	55	90	183	415	363	252	238	139	341
PUERTO RICO	1970	525	1	6	34	38	47	61	56	87	195	...	-
ST. LUCIA	1973/74	29	2	3	3	2	2	2	2	3	11	...	-
UNITED STATES	1969	430 321	28	56	314	1 159	4 037	21 205	44 890	64 745	75 100	47 223	171 564
VIRGIN ISLANDS (U.S.)	1970	8	0.02	0.04	0.1	0.1	0.3	0.6	0.4	1	6	...	-

(continued)

See footnotes at end of table.

TABLE 3.2 - Area of holdings by size of total area ^{1/} (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total area of holdings	Thousands of hectares										500 and under 1 000 ha	1 000 ha and over			
			Under 1 ha	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					
SOUTH AMERICA (7)																	
BRAZIL	1970	399 714	619	1 406	5 436	8 070	14 614	32 466	30 777	36 826	57 325	43 048	169 127				
COLOMBIA	1970/71	294 145	236	658	3 003	5 186	10 743	25 425	23 902	29 700	45 958	33 084	116 250				
ECUADOR	1974	30 993	127	239	781	1 088	1 599	3 054	3 198	3 552	4 700	3 329	9 426				
PERU	1971/72	7 945	63	112	364	378	558	1 312	1 353	682	994	544	1 589				
SURINAME	1969	23 545	185	349	1 026	1 011	1 243	1 339	843	908	1 087	1 087	14 523				
URUGUAY	1970	94	2	6	18	12	7	7	2	2	6	9	23				
VENEZUELA	1970	16 518	•••	5	25	80	169	411	559	931	2 133	2 561	9 644				
	1971	26 470	6	37	219	315	512	910	920	1 051	2 291	2 534	17 667				
ASIA (16)																	
BAHRAIN	1973/74	230 976	22 565	27 851	57 026	47 513	37 732	22 523	10 553	1 125	1 103	697	2 288				
INDIA	1970/71	4	0.1	1	1	1	1	0.5	0.1	•••	•••	•••	•••				
INDONESIA	1973	162 124	14 545	19 282	41 928	36 305	28 521	15 572	5 971	•••	•••	•••	•••				
IRAQ	1971	16 394	4 104	3 397	3 762	1 450	1 456	•••	•••	•••	•••	•••	2 225				
ISRAEL ^{2/10/}	1971	5 733	33	87	327	866	1 422	1 493	375	255	304	571	2 225				
JAPAN ^{11/}	1971	537	6	14	44	125	25	12	11	24	87	126	63				
KOREA, Republic of ^{9/12/}	1970	5 389	1 730	1 785	960	778	135	•••	•••	•••	•••	•••	•••				
KUWAIT	1970	2 130	863	449	449	•••	•••	•••	•••	•••	•••	•••	•••				
LEBANON	1970	3	0.1	0.2	0.2	0.3	0.6	0.5	0.9	0.2	•••	•••	•••				
NEPAL	1970	619	23	32	81	87	74	105	88	54	7	•••	•••				
PAKISTAN	1971/72	1 854	450	287	456	256	149	43	9	4	•••	•••	•••				
PHILIPPINES	1971/73	19 913	268	769	4 993	5 286	3 729	2 605	2 263	•••	•••	•••	•••				
SAUDI ARABIA, Kingdom of	1971	8 494	162	802	3 099	1 553	1 084	613	1 181	•••	•••	•••	•••				
SINGAPORE	1973/74	1 213	33	51	100	119	165	188	128	429	•••	•••	•••				
SRI LANKA	1973	12	6	2	2	0.2	•••	603	•••	•••	•••	•••	•••				
SYRIA	1970/71	2 036	350	386	442	155	106	603	•••	•••	637	•••	•••				
		4 721	37	90	382	531	871	1 288	526	359	•••	•••	•••				
EUROPE (21)																	
AUSTRIA ^{13/}	1970	204 902	2 840	4 968	20 192	31 606	35 235	39 337	19 277	21 895	8 302	4 474	16 776				
BELGIUM	1970	7 490	25	65	245	464	1 104	1 926	855	556	2 250	•••	•••				
CZECHOSLOVAKIA ^{6/14/}	1970	1 602	30	24	104	252	489	500	152	51	•••	•••	•••				
DENMARK	1970	11 874	592	80	189	187	173	235	817	1 411	2 145	2 355	3 690				
FINLAND ^{5/}	1970	2 941	1	5	36	216	623	1 305	455	300	•••	•••	•••				
FRANCE ^{6/}	1969/70	15 150	•••	498	2 513	5 029	4 410	2 126	382	192	•••	•••	•••				
GERMANY, Fed. Rep. of ^{6/15/}	1970/71	35 039	244	317	1 061	2 477	6 298	12 892	6 896	4 654	•••	•••	•••				
GREECE ^{6/}	1971	15 234	85	272	923	1 853	4 311	5 624	1 424	464	276	•••	•••				
HUNGARY	1971	3 586	113	330	1 165	1 093	553	243	89	•••	•••	•••	•••				
IRELAND	1972	7 476	236	64	60	18	2	3	5	13	47	251	6 777				
	1970	5 650	6	24	140	451	1 155	2 072	1 084	718	•••	•••	•••				

See footnotes at end of table.

(continued)

TABLE 3.2 - Area of holdings by size of total area ^{1/} (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total area of holdings	Thousands of hectares										1 000 ha and over				
			Under 1 ha	1 and 2 ha	2 and 5 ha	5 and 10 ha	10 and 20 ha	20 and 50 ha	50 and 100 ha	100 and 200 ha	200 and 500 ha	500 and 1 000 ha					
EUROPE (cont'd)																	
ITALY	1970	25 064	615	1 030	2 938	3 325	3 354	3 353	2 037	8 412	...	...	...	...	...	...	...
LUXEMBOURG ^{5/}	1970	135	0.3	0.7	3	7	23	82	19	...	...	...	...	...	...	...	...
MALTA	1968/69	16	2	3	1	3	0.5	0.1	...	...	...	...	...	...	...	...	...
NETHERLANDS ^{6/}	1970	2 143	10	20	94	290	737	794	144	54	...	...	...	...	...	...	...
NORWAY ^{6/}	1969	7 772	100	354	2 180	2 810	1 517	666	145	...	...	...	...	...	...	...	...
POLAND	1970	16 419	306	690	3 259	6 324	4 853	927	60	...	...	...	...	...	...	...	...
PORTUGAL	1968	4 975	125	208	537	475	579	504	298	282	...	...	...	...	...	...	...
SWEDEN ^{16/}	1971	10 590	55	227	1 401	2 101	2 167	2 374	1 023	1 162	...	...	...	...	...	...	...
SWITZERLAND ^{13/}	1969	1 292	14	21	80	257	538	314	45	12	...	...	...	...	...	...	...
UNITED KINGDOM	1970	17 992	9	25	135	287	728	2 625	3 331	3 378	...	...	...	...	...	...	...
YUGOSLAVIA	1969	12 462	273	770	3 122	3 607	1 629	772	15	36	...	...	...	...	...	...	...
OCEANIA (6)		516 555	5	12	85	173	226	1 539	3 353	6 561	18 229	21 442	454 785				
AMERICAN SAMOA	1970	4	0.4	0.8	1	0.5	0.5	0.7	...	...	...	...	...	...	...	...	...
AUSTRALIA	1971	497 224	1	4	46	54	235	1 024	2 355	4 775	14 242	13 155	454 362				
FIJI	1968/69	245	3	5	21	53	48	112	...	...	...	...	...	...	...	...	...
GUAM	1970	11	0.1	0.3	0.4	0.5	1	1	8	...	...	...	...	...	...	...	...
NEW ZEALAND	1972	19 030	0.2	1	8	20	58	395	1 016	1 785	3 287	2 246	10 223				
PACIFIC ISLANDS (TRUST TERRITORY)	1970	10	0.2	1	5	5	4	6	19	...	...	...	...	...	...	...	...

1/ Unless otherwise specified in footnotes. 2/ Classification by land under temporary crops. 3/ Classification by land under crops. 4/ Excluding 9 200 ha of fallow land. 5/ Classification by land under crops for traditional sector and by total area for modern sector. 6/ Classification by agricultural area. 7/ Excluding 2 612 ha in holdings without agricultural area. 8/ Agricultural area. 9/ Classification by cropland. 10/ Excluding 4 472 ha in holdings without cropland. 11/ Classification by cultivated area (land under crops and cultivated pastures). 12/ Excluding 2 039 ha in holdings without cropland. 13/ Classification by productive land (agricultural land and wood or forest land). 14/ Excluding 1 297 ha in holdings without agricultural area. 15/ Excluding 2 858 ha of land in holdings without agricultural area. 16/ Classification by arable land.

TABLE 3.2 - Percent distribution of area of holdings by size of total area^{1/}

Countries by continents (number of reporting countries is given in parenthesis)	Year	Total area	Less than 1 ha.	1 ha and under 2	2 ha and under 5	5 ha and under 10	10 ha and under 20	20 ha and under 50	50 ha and under 100	100 ha and under 200	200 ha and under 500	500 ha and under 1000	1000 ha and over
Percent													
TOTAL (84)		100.0	1.4	2.0	4.6	4.7	4.8	6.2	5.9	7.3	10.8	6.3	46.0
AFRICA (20)		100.0	8.1	14.9	25.6	14.4	7.7	7.0	2.1	1.3	2.0	1.4	15.5
ALGERIA 2/	1973	100.0	1.1	2.6	10.1	15.8	21.7	25.6	11.8	6.2	5.1	...	...
BOTSWANA 2/	1969	100.0	1.3	4.8	20.2	68.9	...	4.8	...	...	...	...	...
CAPE VERDE 1/ A/	1972/73	100.0	1.8	27.3	43.1	13.0	3.8	...	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC 2/	1973/74	100.0	10.8	29.7	45.9	8.8	6.8	...	...	...	...	...	...
CHAD 1/	1972/73	100.0	4.4	1.1	54.0	4.1	...	...	...	...	...	...	...
COTE D'IVOIRE 2/	1972/73	100.0	18.3	46.2	33.5	2.0	...	...	...	...	...	...	...
GAMBIA 3/	1974/75	100.0	31.5	24.7	43.8	...	...	...	...	...	...	...	...
GHANA 1/	1970	100.0	9.3	11.4	25.8	20.4	15.3	17.8	...	...	...	...	...
GUINEA 1/	1974/75	100.0	1.1	4.8	25.5	34.2	24.5	9.2	0.6	...	...	...	...
IVORY COAST 3/	1974/75	100.0	4.5	9.8	24.1	18.0	0.1	0.2	0.4	0.9	4.4	5.6	32.0
KENYA 5/	1970	100.0	8.6	25.3	50.3	15.9	...	...	...	...	...	...	...
LESOTHO 2/	1971	100.0	8.5	11.5	16.4	7.1	7.9	19.7	7.4	4.4	17.2	...	...
LIBERIA 3/	1968/69	100.0	15.1	38.4	52.5	...	...	...	...	...	...	...	...
MALAWI 5/ 1/	1972/73	100.0	16.0	10.7	24.0	49.3	...	...	...	...	...	...	...
REUNION 5/ 1/	1970/71	100.0	8.8	28.1	43.1	20.0	...	...	...	...	...	...	...
SIERRA LEONE 1/	1971/72	100.0	0.6	3.2	5.2	5.7	...	...	...	...	...	...	...
SWAZILAND 1/	1971/72	100.0	22.0	25.8	31.4	10.7	4.6	5.5	...	...	...	...	...
TANZANIA 3/	1970	100.0	15.5	24.3	33.7	26.5	...	...	...	...	...	...	...
TOGO 3/	1970	100.0	11.6	24.6	24.0	3.4	1.2	0.1	0.2	0.5	0.9	0.9	32.6
ZAMBIA 5/	1970/71	100.0	7.0	11.3	15.8	7.7	6.3	4.7	0.3	0.4	1.7	4.1	40.6
NORTH AND CENTRAL AMERICA (14)		100.0	0.1	0.1	0.3	0.5	1.0	4.3	8.6	12.6	20.7	8.9	42.9
CANADA	1971	100.0	...	...	...	0.1	0.4	2.8	8.8	16.5	71.4	...	...
COSTA RICA	1973	100.0	0.2	0.3	1.4	2.1	3.9	12.4	12.7	12.6	18.4	...	...
DOMINICAN REPUBLIC	1971	100.0	1.5	2.7	8.6	8.4	8.5	13.1	9.6	9.1	9.8	...	...
EL SALVADOR	1970/71	100.0	4.8	5.6	9.1	7.6	8.8	14.8	10.6	10.5	13.2	...	...
GUATEMALA 5/ 2/	1970	100.0	8.1	14.5	25.8	9.7	3.2	3.2	3.2	32.3	...	...	...
HAITI	1971	100.0	21.4	24.5	31.6	14.0	5.7	2.8	...	...	...	...	...
HONDURAS	1974	100.0	0.8	2.1	6.2	7.6	10.2	17.5	11.5	5.0	11.9	...	...
JAMAICA	1968/69	100.0	6.5	8.9	13.8	9.1	5.0	4.6	3.8	43.3	...	...	...
MEXICO	1970	100.0	0.1	0.1	0.4	0.5	0.9	2.0	2.6	3.5	6.5	...	...
PANAMA	1971	100.0	0.3	0.8	2.6	4.3	8.7	19.8	17.3	12.0	11.3	...	...
PUERTO RICO	1970	100.0	0.2	1.2	6.5	7.2	9.0	11.6	10.7	16.6	37.0	...	...
ST. LUCIA	1973/74	100.0	6.9	6.9	10.3	6.9	6.9	6.9	6.9	10.3	38.0	...	...
UNITED STATES	1969	100.0	...	...	0.1	0.3	0.9	4.9	10.4	15.0	17.5	...	...
VIRGIN ISLANDS (U.S.)	1970	100.0	...	...	...	...	...	7.5	5.0	12.5	75.0	...	...

(continued)

For footnotes see table 3.2

TABLE 3.3 - Percent distribution of area of holdings by size of total area¹ (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year	Total area	Less than 1 ha	1 ha and under 2	2 ha and under 5	5 ha and under 10	10 ha and under 20	20 ha and under 50	50 ha and under 100	100 ha and under 200	200 ha and under 500	500 ha and under 1000	1000 ha and over
Percent													
<u>SOUTH AMERICA</u> (7)		100.0	0.2	0.4	1.4	2.0	3.6	8.1	7.7	9.2	14.3	10.8	42.3
BRAZIL	1970	100.0	0.1	0.2	1.0	1.6	3.7	8.6	8.1	10.1	15.6	11.3	39.5
COLOMBIA	1970/71	100.0	0.4	0.8	2.5	3.5	5.2	9.9	10.3	11.4	15.2	10.4	30.4
ECUADOR	1971	100.0	0.8	1.4	4.6	4.8	7.0	16.5	17.0	8.6	12.5	6.8	20.0
PERU	1971/72	100.0	0.8	1.5	4.3	4.3	4.3	5.7	3.6	3.9	5.3	4.6	61.7
SURINAME	1969	100.0	2.1	6.4	19.2	12.8	7.4	7.4	2.1	2.1	6.4	9.6	24.5
URUGUAY	1970	100.0	...	...	0.2	0.5	1.0	2.5	3.4	5.6	12.9	15.5	58.4
VENEZUELA	1971	100.0	...	0.1	0.8	1.2	1.9	3.5	3.5	4.0	8.7	9.6	56.7
<u>ASIA</u> (16)		100.0	9.8	12.0	24.7	20.6	16.3	9.7	4.6	0.5	0.5	0.3	1.0
BAHRAIN	1973/74	100.0	2.5	7.5	25.0	25.0	25.0	12.5	2.5	...	...	...	...
INDIA	1970/71	100.0	9.0	11.9	25.8	22.4	17.6	9.6	3.7	...	...	...	...
INDONESIA	1973	100.0	25.0	20.7	23.0	8.8	8.9	...	...	...	...	...	13.6
IRAQ	1971	100.0	0.6	1.5	5.7	15.1	24.8	26.0	6.5	4.5	5.3	10.0	...
ISRAEL 2/ 10/	1971	100.0	1.1	2.6	8.2	23.3	4.7	2.2	2.0	4.5	15.2	23.5	11.7
JAPAN 11/	1970	100.0	32.1	33.2	17.8	14.4	2.5	...	...	...	...	...	...
KOREA, Republic of 2/12	1970	100.0	38.4	40.5	21.1	...	...	...	...	...	...	...	...
KUWAIT	1970	100.0	3.3	3.3	6.7	10.0	20.0	16.7	30.0	6.7	...	...	...
LEBANON	1970	100.0	3.6	5.2	13.1	14.1	11.9	17.0	14.2	8.8	12.1	...	...
NEPAL	1971/72	100.0	27.2	17.3	27.6	15.5	9.0	2.6	0.6	0.2	...	...	...
PAKISTAN	1971/73	100.0	1.3	3.9	25.1	26.5	16.7	13.1	11.4	...	...	...	...
PHILIPPINES	1971	100.0	1.9	9.4	36.5	18.3	12.8	7.2	13.9	...	...	...	...
SAUDI ARABIA, Kingdom of	1973/74	100.0	2.7	4.2	8.2	9.6	15.5	...	10.6	35.4	...	...	...
SINGAPORE	1973	100.0	49.0	32.9	15.9	...	...	...	...	...	...	...	...
SRI LANKA	1973	100.0	17.2	19.0	21.7	7.6	4.9	29.6	...	...	...	...	...
SYRIA	1970/71	100.0	0.8	1.9	3.1	11.2	18.5	27.3	11.1	7.6	13.5	...	...
<u>EUROPE</u> (21)		100.0	1.4	2.4	9.9	15.4	17.2	19.2	9.4	10.7	4.0	2.2	8.2
AUSTRIA 13/	1970	100.0	0.3	0.9	3.3	6.2	14.8	25.7	11.4	7.4	30.0	...	...
BELGIUM 5/	1970	100.0	1.9	1.5	6.5	15.7	30.5	31.2	9.5	3.2	...	...	...
CZECHOSLOVAKIA 5/14/	1970	100.0	5.0	0.7	1.6	2.0	1.4	2.0	6.9	11.9	18.0	19.8	31.1
DEMARK 6/	1970	100.0	...	0.2	1.2	7.3	21.2	44.4	15.5	10.2	...	...	...
FINLAND 5/	1969/70	100.0	...	3.3	16.6	33.2	29.1	14.0	2.5	1.3	...	...	...
FRANCE 6/	1970/71	100.0	0.7	0.9	3.0	7.1	18.0	36.8	19.7	13.8	...	...	...
GERMANY, Fed Rep of 5/15	1971	100.0	0.6	1.8	6.1	12.2	28.3	36.9	9.3	3.0	1.8	...	...
GREECE 5/	1971	100.0	3.1	9.2	32.5	30.5	15.4	5.8	2.5	...	...	...	...
HUNGARY	1972	100.0	3.2	0.9	0.8	0.2	...	...	0.1	...	0.6	3.4	90.6
IRELAND	1970	100.0	0.1	0.4	2.5	8.0	20.4	36.7	19.2	12.7	...	...	...

(continued)

For footnotes see table

TABLE 3.3 - Percent distribution of area of holdings by size of total area¹ (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year	Total area	Less than 1 ha	1 ha and under 2	2 ha and under 5	5 ha and under 10	10 ha and under 20	20 ha and under 50	50 ha and under 100	100 ha and under 200	200 ha and under 500	500 ha and under 1000	1000 ha and over
Percent													
ITALY	1970	100.0	2.4	4.1	11.7	13.3	13.4	13.4	8.1	33.6	...	-	-
LUXEMBOURG (6/	1970	100.0	0.2	0.5	2.2	5.2	17.0	60.7	14.2	...	...	-	-
MALTA	1968/69	100.0	12.5	18.8	43.8	18.8	3.1	0.6	...	-	-	-	-
NETHERLANDS (5/	1970	100.0	0.5	0.9	4.4	13.5	34.4	37.0	6.7	2.6	...	-	-
NORWAY (6/	1969	100.0	1.3	4.5	26.0	36.2	19.5	8.6	1.9	...	...	-	-
POLAND	1970	100.0	1.9	4.2	19.8	38.5	29.6	5.6	0.4	...	-	-	-
PORTUGAL	1968	100.0	2.5	4.2	10.8	9.6	11.6	10.1	6.0	5.7	9.2	8.9	21.4
SWEDEN (6/	1971	100.0	0.5	2.1	13.2	20.6	20.5	22.4	9.7	11.0	...	-	-
SWITZERLAND (3/	1969	100.0	1.1	1.6	6.2	19.9	41.6	24.3	3.6	0.9	0.8	...	-
UNITED KINGDOM	1970	100.0	...	0.1	0.8	1.6	4.0	14.6	18.5	18.8	16.8	7.1	17.7
YUGOSLAVIA	1969	100.0	2.2	5.7	25.0	26.9	13.0	6.2	0.1	0.3	0.8	1.2	16.6
OCEANIA (6)		100.0	-	-	-	-	0.1	0.3	0.7	1.3	3.5	4.1	90.0
AMERICAN SAMOA	1970	100.0	10.0	20.0	25.0	12.5	15.0	17.5	...	-	-	-	-
AUSTRALIA	1971	100.0	...	...	...	...	...	0.2	0.5	1.0	3.0	3.9	91.4
FIJI	1968/69	100.0	1.2	2.1	9.8	21.6	19.6	45.7	...	-	-	-	-
GUAM	1970	100.0	0.9	2.6	8.9	3.5	4.4	8.9	70.8	...	-	-	-
NEW ZEALAND	1972	100.0	...	...	...	0.1	0.3	2.1	5.3	9.4	17.3	11.8	53.7
PACIFIC ISLANDS (Trust Territory)	1970	100.0	0.3	2.5	12.4	12.5	10.1	14.9	47.3	...	-	-	-

For footnotes see table 3.2

Area: in hectares TABLE 3.4 - Number and area of holdings and percent distribution of holdings under 1 hectare

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings	Holdings with land under 1 ha			Percent distribution			
			Holdings with land under 1 ha		All holdings	Holdings with land under 1 ha			
			Total under 1 ha	Under 0.5 ha		Under 0.5 ha	Total under 1 ha		
TOTAL (33)		111 058 031 275 659 788	56 790 121 6 340 959	37 011 757 2 147 007	21 778 364 4 193 952	100.0 100.0	52.9 2.3	33.3 0.8	19.6 1.5
AFRICA (13)		10 020 639 18 025 036	4 200 937 2 286 628	1 872 119 535 506	2 328 818 1 751 312	100.0 100.0	41.9 12.7	18.7 3.0	23.2 5.7
CAMEROON	1972/73	925 895 1 480 558	395 141 204 017	185 031 51 038	210 110 152 979	100.0 100.0	42.7 13.2	20.0 3.5	22.7 10.3
CENTRAL AFRICAN REPUBLIC	1973/74	201 450 491 465	91 298 52 810	32 554 9 369	58 734 43 441	100.0 100.0	32.2 10.7	11.5 1.9	29.7 0.8
CFAD	1972/73	366 475 962 166	72 377 41 498	27 477 7 774	44 900 33 724	100.0 100.0	19.8 4.3	7.5 0.8	12.3 3.5
CONGO	1972/73	143 485 196 774	53 570 35 431	11 690 4 152	41 880 31 279	100.0 100.0	37.3 18.0	8.1 2.1	22.2 1.9
GUIN	1971/75	71 074 72 738	48 260 22 986	28 703 8 531	19 595 14 355	100.0 100.0	67.9 31.6	40.4 11.9	21.5 15.7
IVORY COAST	1974/75	549 708 2 753 491	52 421 30 327	13 419 5 143	33 002 25 184	100.0 100.0	9.5 1.1	3.5 0.2	6.0 0.9
KENYA 1/	1974	1 483 422 3 458 300	472 173 273 860	206 344 60 000	265 829 213 860	100.0 100.0	31.8 7.9	13.9 1.7	17.9 5.2
LESOTHO	1970	187 421 372 342	92 481 85 452	36 792 10 194	55 689 67 258	100.0 100.0	43.3 25.0	19.6 4.9	23.7 18.1
REUNION	1972/73	39 117 77 211	20 995 11 621	17 125 8 264	3 870 3 357	100.0 100.0	53.7 15.0	43.8 10.7	9.9 4.5
TANZANIA	1971/72	2 434 425 3 069 950	1 414 790 674 142	779 090 213 531	655 700 460 601	100.0 100.0	58.1 22.0	35.0 7.0	26.1 15.0
TOGO	1970	232 657	64 919	26 737	36 182	100.0	27.9	12.4	15.5
ZAIRE 2/	1970	2 536 615 3 021 916	1 052 684 685 007	278 447 88 576	774 237 596 431	100.0 100.0	41.5 17.9	11.0 2.3	30.2 15.6
ZAMBIA 2/	1970/71	766 900 1 269 105	369 800 169 677	220 700 60 834	149 100 108 843	100.0 100.0	48.2 12.3	28.8 4.8	19.4 8.5
NORTH AND CENTRAL AMERICA (4)		772 614 9 408 686	264 889 122 884	132 019 33 719	132 870 69 165	100.0 100.0	34.3 1.3	17.1 0.4	17.2 0.9
COSTA RICA	1973	61 562 3 122 456	14 413 6 167	7 900 1 714	6 513 4 473	100.0 100.0	17.7 0.2	9.7 0.06	8.0 0.14
DOMINICAN REPUBLIC	1971	304 820 2 736 274	97 980 41 167	49 651 12 208	48 329 28 959	100.0 100.0	32.1 1.5	16.3 0.4	15.8 1.1
EL SALVADOR	1970/71	2 370 848 1 451 824	132 464 70 827	61 257 18 425	71 267 51 862	100.0 100.0	48.9 4.9	22.6 1.3	25.3 3.5

See footnotes at end of table.

(continued)

TABLE 3.4 - Number and area of holdings and percent distribution of holdings under 1 hectare (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings	Holdings with land under 1 ha			Percent distribution			
			Total under 1 ha	Under 0.5 ha	0.5 and under 1 ha	All holdings	Holdings with land under 1 ha		
							Total under 1 ha	Under 0.5 ha	0.5 and under 1 ha
NORTH AND CENTRAL AMERICA (cont'd)									
PANAMA	1971	115 354 2 098 062	20 032 5 243	13 211 1 372	6 821 3 871	100.0 100.0	17.4 0.25	11.5 0.0	5.9 0.18
SOUTH AMERICA (2)									
PERU	1971/72	1 406 955 23 638 980	463 245 178 703	314 523 75 409	148 722 103 294	100.0 100.0	32.9 0.8	22.2 0.3	10.6 0.4
SURINAME	1969	1 390 877 23 545 147	459 724 176 841	313 669 75 002	146 655 101 839	100.0 100.0	33.0 0.7	22.5 0.3	10.5 0.4
ASIA (7)									
BAHRAIN	1973/74	16 078 93 833	3 521 1 562	1 454 407	2 067 1 455	100.0 100.0	21.9 2.0	9.0 0.4	12.9 1.6
INDIA	1970/71	92 955 943 171 346 442	51 172 093 2 618 403	32 619 415 803 699	18 552 678 1 814 797	100.0 100.0	55.0 1.5	35.0 0.5	20.0 1.0
INDONESIA	1973	14 315 343	166 102	60 22	106 80	100.0 100.0	19.4 2.8	7.0 0.6	12.4 2.2
JAPAN 4/	1970	70 423 000 162 124 000	35 682 000 14 545	23 178 000 5 446	12 524 000 2 099	100.0 100.0	50.6 8.9	32.9 3.3	17.7 5.6
KOREA, Republic of	1970	2 421 420 2 132 233	1 600 229 818 599	715 235 227 667	824 994 590 932	100.0 100.0	66.1 38.4	32.0 10.7	34.1 27.7
SAUDI ARABIA, Kingdom of	197 /74	180 570 1 213 462	69 245 33 085	34 213 9 334	35 030 23 151	100.0 100.0	38.3 2.7	18.9 0.8	19.4 1.9
EUROPE (7)									
AUSTRIA	1970	5 901 880 53 239 644	2 688 957 1 134 151	2 073 681 698 674	615 276 435 477	100.0 100.0	45.5 2.1	35.1 1.3	10.4 0.8
CZECHOSLOVAKIA	1970	1 472 462 11 874 100	1 343 030 552 179	1 210 578 492 575	132 452 99 504	100.0 100.0	91.2 5.0	82.2 4.2	9.0 0.8
HUNGARY	1972	902 892 7 476 103	690 114 235 512	509 428 116 280	180 686 120 232	100.0 100.0	85.9 3.2	63.4 1.6	22.5 1.5
NETHERLANDS	1970	164 612 2 142 597	17 000 6 711	6 220 1 657	10 789 7 887	100.0 100.0	9.2 0.5	3.4 0.1	5.8 0.4
SWITZERLAND	1969	152 859 1 292 110	32 688 14 533	21 672 5 734	11 016 8 759	100.0 100.0	21.4 1.1	14.2 0.4	7.2 0.7
UNITED KINGDOM	1970	325 693 17 992 312	14 213 7 845	4 864 1 136	9 349 6 709	100.0 100.0	4.4 0.04	1.5 0.01	2.9 0.03
YUGOSLAVIA	1969	2 600 140 12 452 422	557 741 273 371	315 511 81 025	242 230 192 346	100.0 100.0	21.4 2.1	12.1 0.6	9.3 1.5

1/ Small farms. 2/ Traditional sector. 3/ Excluding 47 173 holdings without land. 4/ Farm households.

TABLE 3.5 - Number and area of holdings and percent distribution of holdings with land from 1 to 5 hectares by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total of all holdings	Holdings with land 1-5 hectares					Percent distribution					
		Total	1 and 2 ha		3 and 4 ha		Total of all holdings	1 and 2 ha		3 and 4 ha		5 ha
			under 2 ha	3 ha	4 ha	5 ha		under 2 ha	3 ha	4 ha	5 ha	
TOTAL (66)	147 383 1 909 079	54 767 125 915	27 337 39 603	13 550 32 802	8 100 27 800	5 780 25 710	100.0 100.0	37.2 6.6	18.6 2.1	9.2 1.7	5.5 1.5	3.9 1.3
AFRICA (17)	12 790 34 976	6 456 14 114	3 571 5 190	1 519 3 704	834 2 848	542 2 372	100.0 100.0	50.6 40.3	27.9 14.8	11.9 10.6	6.5 8.1	4.3 6.8
ALGERIA	900 5 544	288 704	108 144	76 175	57 186	47 199	100.0 100.0	32.0 12.7	12.0 2.6	8.5 3.2	6.3 3.3	5.2 3.6
CAMEROON	926 1 480	498 1 043	282 405	125 305	65 220	26 113	100.0 100.0	53.8 70.5	30.5 27.4	13.5 20.6	7.0 14.9	2.8 7.6
CENTRAL AFRICAN REPUBLIC	283 491	185 391	101 146	52 126	22 76	10 43	100.0 100.0	65.4 79.5	35.7 29.7	18.4 25.7	7.8 15.5	3.5 8.7
GHANA	366 962	254 652	88 132	84 208	51 175	31 137	100.0 100.0	69.4 67.8	24.0 13.7	23.0 21.5	13.9 18.2	8.5 14.3
CONGO	143 197	90 157	65 91	19 45	4 14	2 7	100.0 100.0	62.9 79.7	45.4 46.2	13.3 22.8	2.8 7.1	1.4 3.6
GABON	71 73	23 50	13 18	5 13	3 10	2 9	100.0 100.0	32.4 68.4	18.3 24.6	7.1 17.8	4.2 12.3	2.8 12.3
GHANA	805 2 574	388 957	195 294	72 173	42 143	79 347	100.0 100.0	48.2 37.2	24.2 11.4	9.0 6.7	5.2 5.6	9.8 13.5
IVORY COAST	550 2 753	299 836	90 135	79 194	72 247	58 260	100.0 100.0	54.4 30.4	16.4 4.9	14.4 7.1	13.1 9.0	10.5 9.4
KENYA	1 487 6 732	863 2 079	400 601	224 553	132 461	107 464	100.0 100.0	58.0 33.9	26.9 9.8	15.0 9.0	8.9 7.5	7.2 7.6
LESOTHO	187 372	124 281	63 94	25 68	21 69	11 50	100.0 100.0	66.3 75.5	33.7 25.3	15.5 18.3	11.2 18.5	5.9 13.4
LIBERIA	122 366	49 102	29 42	10 23	7 22	3 15	100.0 100.0	40.2 27.9	23.8 11.5	8.2 6.3	5.7 6.0	2.5 4.1
MALAWI	885 1 361	538 1 136	306 441	109 257	78 264	45 194	100.0 100.0	60.8 85.0	34.6 32.4	12.3 18.9	8.8 19.4	5.1 14.3
SINTRA LEONE	286 521	162 371	77 115	41 99	32 105	12 52	100.0 100.0	56.6 71.2	26.9 22.1	14.3 19.0	11.2 20.1	4.2 10.0
SWAZILAND	39 767	23 57	11 17	5 11	3 11	4 16	100.0 100.0	59.0 7.4	28.2 2.2	12.8 1.4	7.7 1.4	10.3 2.4
TANZANIA	2 434 3 070	892 1 756	564 793	201 485	84 288	43 190	100.0 100.0	36.7 57.2	23.2 25.8	8.3 15.8	3.4 9.4	1.8 6.2
ZAIRE	2 536 5 897	1 452 2 867	974 1 449	317 805	118 414	44 199	100.0 100.0	57.2 48.6	38.4 24.6	12.5 13.6	4.6 7.0	1.7 3.4
ZAMBIA	768 2 416	337 655	205 273	71 164	43 143	18 75	100.0 100.0	43.8 27.1	26.7 11.3	9.2 6.8	5.6 5.9	2.3 3.1

(continued)

TABLE 3.5 - Number and area of holdings and percent distribution of holdings with land from 1 to 5 hectares by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total of all holdings		Holdings with land 1-5 hectares					Percent distribution						
	Total holdings	No. (1000) Area (1000 ha)	1 and 2 ha		3 ha		4 and 5 ha		1 and 2 ha		3 ha		4 and 5 ha	
			No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
NORTH AND CENTRAL AMERICA (12)	5 997	1 125	530	238	185	152	100.0	18.7	8.8	4.3	3.1	2.5		
	652 945	2 694	762	622	635	675	100.0	0.4	0.1	0.1	0.1	0.1		
CANADA	366	14	4	5	4	1	100.0	3.8	1.1	1.4	1.1	0.2		
	68 663	35	5	12	12	6	100.0	0.05	-	0.02	0.02	0.01		
COSTA RICA	82	21	8	6	3	4	100.0	25.6	9.8	7.3	3.6	4.9		
	3 123	52	10	15	11	16	100.0	1.7	0.3	0.5	0.4	0.5		
DOMINICAN REPUBLIC	305	137	61	35	26	15	100.0	44.9	20.0	11.5	8.5	4.9		
	2 736	311	75	83	88	65	100.0	11.4	2.8	3.0	3.2	2.4		
EL SALVADOR	318	102	59	25	10	8	100.0	32.1	18.6	7.9	3.1	2.5		
	1 452	213	81	61	34	37	100.0	14.7	5.6	4.2	2.3	2.6		
GUADELOUPE	23	12	7	3	1	1	100.0	52.0	30.4	13.0	4.3	4.3		
	1 62	25	9	7	5	4	100.0	40.3	14.5	11.3	8.1	6.4		
HAITI	617	231	142	42	31	16	100.0	37.4	23.0	6.8	5.0	2.6		
	864	485	212	100	104	69	100.0	56.1	24.5	11.6	12.0	8.0		
HONDURAS	195	91	39	29	11	12	100.0	46.7	20.0	14.9	5.6	6.2		
	2 630	218	54	70	41	53	100.0	8.3	2.0	2.7	1.6	2.0		
JAMAICA	193	68	38	18	9	3	100.0	35.2	19.7	9.3	4.7	1.5		
	603	137	54	40	28	15	100.0	22.7	9.0	6.6	4.6	2.5		
MEXICO	1 020	267	113	47	51	56	100.0	26.2	11.1	4.6	5.0	5.5		
	139 868	736	183	120	180	253	100.0	0.5	0.1	0.1	0.1	0.2		
PANAMA	115	35	15	9	6	5	100.0	30.4	13.0	7.8	5.2	4.4		
	2 098	72	17	20	17	18	100.0	3.4	0.8	1.0	0.8	0.8		
PUERTO RICO	33	17	5	7	3	2	100.0	51.5	15.1	21.2	9.1	6.1		
	525	40	6	15	10	9	100.0	7.6	1.1	2.9	1.9	1.7		
UNITED STATES	2 730	130	39	32	30	29	100.0	4.8	1.4	1.2	1.1	1.1		
	430 321	370	56	79	105	130	100.0	0.09	0.01	0.02	0.03	0.03		
SOUTH AMERICA (7)	8 392	2 768	1 051	741	566	410	100.0	33.0	12.5	8.8	6.8	4.9		
	399 714	6 842	1 406	1 747	1 898	1 791	100.0	1.7	0.4	0.4	0.5	0.4		
BRAZIL	4 924	1 404	489	367	314	234	100.0	28.5	9.9	7.5	6.4	4.7		
	294 145	3 661	658	891	1 076	1 036	100.0	1.2	0.2	0.3	0.4	0.3		
COLOMBIA	1 177	432	178	113	85	56	100.0	36.7	15.1	9.6	7.2	4.8		
	30 993	1 020	239	260	279	242	100.0	3.3	0.8	0.8	0.9	0.8		
ECUADOR	519	201	83	60	32	26	100.0	38.7	16.0	11.5	6.2	5.0		
	7 949	476	112	143	107	114	100.0	6.0	1.4	1.8	1.4	1.4		
PERU	1 391	601	261	161	107	72	100.0	43.2	18.7	11.6	7.7	5.2		
	23 545	1 375	349	370	350	306	100.0	5.9	1.5	1.6	1.5	1.3		
SURINAME	16	10	4	3	2	1	100.0	62.5	25.0	18.7	12.5	6.3		
	94	24	6	6	6	6	100.0	25.6	6.4	6.4	6.4	6.4		
URUGUAY	77	11	3	4	2	2	100.0	14.3	3.9	5.2	2.6	2.6		
	16 518	30	5	9	7	9	100.0	0.18	0.03	0.05	0.04	0.06		
VENEZUELA	288	109	33	33	24	19	100.0	37.9	11.5	11.5	8.3	6.6		
	26 470	256	37	68	73	78	100.0	1.0	0.1	0.3	0.3	0.3		

(continued)

See footnotes at end of table.

TABLE 3.5 - Number and area of holdings and percent distribution of holdings with land from 1 to 5 hectares by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total of all holdings	Holdings with land 1-5 hectares					Percent distribution											
		Total	1 and under 2 ha		2 and under 3 ha		3 and under 4 ha		4 and under 5 ha		Total of all holdings	Holdings with 1-5 ha	1 and 2 and under 3 ha					
			1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha								
<u>ASIA</u> (13)	103 605	39 180	19 807	2 426	5 333	3 594	100.0	36.9	19.1	9.1	5.2	3.5						
Area (1000 ha)	230 484	84 958	27 835	22 711	18 366	15 946	100.0	36.8	12.1	9.8	3.0	6.9						
<u>INDIA</u>	70 493	26 797	13 432	6 722	3 959	2 684	100.0	38.0	19.1	9.5	5.6	3.8						
Area (1000 ha)	162 124	61 210	19 282	16 353	13 646	11 929	100.0	37.8	11.9	10.1	8.4	7.4						
<u>INDONESIA</u>	14 375	3 951	2 598	853	336	164	100.0	27.5	18.1	5.9	2.3	1.2						
Area (1000 ha)	16 394	7 159	3 397	1 949	1 068	705	100.0	43.7	20.7	11.9	6.8	4.3						
<u>IRAQ</u>	591	173	66	51	37	19	100.0	29.3	11.2	8.6	6.3	3.2						
Area (1000 ha)	5 733	414	87	121	124	82	100.0	7.2	1.5	2.1	2.2	1.4						
<u>ISRAEL</u>	40	20	7	5	4	4	100.0	50.0	17.5	12.5	10.0	10.0						
Area (1000 ha)	540	58	14	12	14	18	100.0	10.8	2.6	2.2	2.6	3.4						
<u>JAPAN</u>	5 354	1 632	1 286	256	32	38	100.0	30.5	24.0	4.8	1.0	0.7						
Area (1000 ha)	5 389	2 746	1 786	614	178	168	100.0	50.9	33.1	11.4	3.3	3.1						
<u>KOREA, Republic of</u>	2 421	801	640	124	13	24	100.0	33.1	26.4	5.1	0.6	1.0						
Area (1000 ha)	2 132	1 312	863	289	46	114	100.0	61.6	40.5	13.6	2.2	5.3						
<u>LEBANON</u>	143	49	23	13	7	6	100.0	34.3	16.1	9.1	4.9	4.2						
Area (1000 ha)	619	113	32	30	24	27	100.0	18.3	5.2	4.8	3.9	4.4						
<u>NEPAL</u>	1 722	336	190	87	39	20	100.0	19.5	11.0	5.0	2.3	1.2						
Area (1000 ha)	1 654	743	287	221	142	93	100.0	44.9	17.3	13.4	8.6	5.6						
<u>PAKISTAN</u>	3 762	2 039	538	580	500	421	100.0	54.2	14.3	15.4	13.3	11.2						
Area (1000 ha)	19 913	5 762	769	1 383	1 729	1 876	100.0	28.9	3.8	7.0	8.7	9.4						
<u>PHILIPPINES</u>	2 354	1 676	644	515	344	173	100.0	71.2	27.4	21.9	14.6	7.3						
Area (1000 ha)	6 494	3 901	802	1 202	1 147	750	100.0	45.9	9.4	14.2	13.5	8.8						
<u>SAUDI ARABIA, Kingdom of</u>	181	72	36	17	12	5	100.0	39.8	21.0	9.4	6.6	2.8						
Area (1000 ha)	1 213	151	51	39	39	22	100.0	12.4	4.2	3.2	3.2	1.8						
<u>SRI LANKA 2/</u>	1 645	441	270	141	9	13	100.0	26.8	16.9	8.6	0.5	0.8						
Area (1000 ha)	1 558	617	375	349	31	62	100.0	52.4	24.0	22.4	2.0	4.0						
<u>SYRIA</u>	524	193	67	62	41	23	100.0	36.6	12.6	11.8	7.8	4.4						
Area (1000 ha)	4 721	472	90	144	138	100	100.0	10.0	1.9	3.1	2.9	2.1						
<u>EUROPE</u> (15)	16 316	6 198	2 371	1 595	1 137	1 075	100.0	38.0	14.5	9.8	7.1	6.6						
Area (1000 ha)	93 491	17 328	4 401	3 993	4 036	4 898	100.0	18.5	4.7	4.3	4.3	5.2						
<u>AUSTRIA</u>	362	113	42	25	23	23	100.0	31.2	11.6	6.9	6.4	6.3						
Area (1000 ha)	7 490	310	65	61	81	103	100.0	4.1	0.8	0.8	1.1	1.4						
<u>BELGIUM</u>	184	44	15	9	10	10	100.0	23.9	8.2	4.9	5.4	5.4						
Area (1000 ha)	1 602	128	24	23	33	48	100.0	8.0	1.5	1.4	2.1	3.0						
<u>CZECHOSLOVAKIA</u>	1 472	95	47	20	5	23	100.0	6.5	3.2	1.4	0.3	1.6						
Area (1000)	11 874	269	80	60	20	109	100.0	2.3	0.7	0.5	0.2	0.9						

(continued)

See footnotes at end of table.

TABLE 3.5 - Number and area of holdings and percent distribution of holdings with land from 1 to 5 hectares by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total of all holdings	Holdings with land 1-5 hectares					Total holdings	Percent distribution								
		1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 ha		Holdings with 1-5 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha				
<u>EUROPE (cont'd)</u>																
GERMANY, Fed. Rep of	No. (1000) Area (1000 ha)	1 075 15 236	138 272	40 107	54 202	131 614	363 1 195	138 272	40 107	54 202	131 614	100.0 100.0	12.8 1.8	3.7 0.7	5.0 1.3	12.2 4.0
GREECE	No. (1000) Area (1000 ha)	1 047 3 586	233 1 165	177 414	121 403	63 276	594 2 258	233 1 165	177 414	121 403	63 276	100.0 100.0	22.2 32.5	16.9 11.6	11.6 11.2	6.0 7.7
HUNGARY	No. (1000) Area (1000 ha)	803 7 476	48 64	12 28	5 18	3 14	68 124	48 64	12 28	5 18	3 14	100.0 100.0	6.0 0.9	1.5 0.4	0.6 0.2	0.4 0.2
IRELAND	No. (1000) Area (1000 ha)	279 5 650	16 24	5 13	6 24	22 103	49 164	16 24	5 13	6 24	22 103	100.0 100.0	5.7 0.4	1.8 0.3	2.2 0.4	7.9 1.8
ITALY	No. (1000) Area (1000 ha)	3 607 25 064	680 1 030	413 1 049	246 855	230 1 034	1 569 3 968	680 1 030	413 1 049	246 855	230 1 034	100.0 100.0	18.9 4.1	11.4 4.2	6.8 3.4	6.4 4.1
MALTA	No. (1000) Area (1000 ha)	11 16	3 3	1 3	2 2	...	5 10	3 3	1 3	2 2	...	100.0 100.0	27.3 18.7	9.1 18.8	9.1 12.5	...
NETHERLANDS	No. (1000) Area (1000 ha)	185 2 143	14 20	10 25	9 32	9 37	42 114	14 20	10 25	9 32	9 37	100.0 100.0	7.5 0.9	5.4 1.2	4.9 1.5	4.9 1.7
POLAND	No. (1000) Area (1000 ha)	3 399 16 419	473 690	371 913	316 1 094	280 1 252	1 449 3 949	473 690	371 913	316 1 094	280 1 252	100.0 100.0	13.9 4.2	10.9 5.6	9.3 6.7	8.3 7.6
PORTUGAL	No. (1000) Area (1000 ha)	812 4 975	167 208	93 215	59 196	29 126	348 745	167 208	93 215	59 196	29 126	100.0 100.0	20.5 4.2	11.4 4.3	7.3 4.0	3.6 2.5
SWITZERLAND	No. (1000) Area (1000 ha)	153 1 292	13 21	9 23	7 23	7 34	36 101	13 21	9 23	7 23	7 34	100.0 100.0	8.5 1.6	5.8 1.8	4.6 1.8	4.6 2.6
UNITED KINGDOM	No. (1000) Area (1000 ha)	327 17 992	18 25	15 37	11 38	14 61	58 161	18 25	15 37	11 38	14 61	100.0 100.0	5.5 0.1	4.6 0.2	3.3 0.2	4.3 0.4
YUGOSLAVIA	No. (1000) Area (1000 ha)	2 600 12 462	464 710	395 1 022	284 1 015	231 1 085	1 374 3 832	464 710	395 1 022	284 1 015	231 1 085	100.0 100.0	17.8 5.7	15.2 8.2	10.9 8.2	8.9 8.7
OCEANIA (2)	No. (1000) Area (1000 ha)	283 497 469	7 9	11 25	5 17	7 28	30 79	7 9	11 25	5 17	7 28	100.0 100.0	2.5 -	3.9 -	1.7 -	2.5 -
AUSTRALIA	No. (1000) Area (1000 ha)	249 497 224	3 4	7 16	3 9	5 21	18 50	3 4	7 16	3 9	5 21	100.0 100.0	1.2 -	2.8 -	1.2 -	2.0 -
FIJI	No. (1000) Area (1000 ha)	34 245	4 5	4 9	2 8	2 7	12 29	4 5	4 9	2 8	2 7	100.0 100.0	11.8 2.0	11.7 3.7	5.9 3.3	5.9 2.8

1/ Agricultural area. 2/ Excluding estates.

TABLE 3.6 - Number and area of holdings with 1 000 hectares and over by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings (1 000)	Total area of all holdings (1 000 ha)	Holdings with 1 000 ha and less than 2 500		Holdings with an area of 2 500 ha and over	
			Number	Area (1 000 ha)	Number	Area (1 000 ha)
<u>TOTAL</u> (26)	37 944	1 582 729	121 175	147 355	65 748	795 505
<u>AFRICA</u> (3)	4 064	12 796	371	571	312	7 439
KENYA	1 487	6 132	244	369	192	5 480
SWAZILAND	39	767	56	94	42	143
ZAIRE	2 538	5 897	71	108	78	1 816
<u>NORTH AND CENTRAL AMERICA</u> (7)	4 765	582 255	55 567	73 450	27 675	219 304
COSTA RICA	82	3 123	220	321	80	464
DOMINICAN REPUBLIC	305	2 763	216	632	...	...
EL SALVADOR	318	1 452	48	74	15	50
HONDURAS	195	2 630	129	185	40	209
MEXICO	1 020	139 868	9 727	14 380	12 752	92 047
PANAMA	115	2 098	75	106	33	235
UNITED STATES	2 730	430 321	45 152	57 752	14 755	126 299
<u>SOUTH AMERICA</u> (7)	8 374	399 714	31 167	43 632	20 846	125 497
BRAZIL	4 906	294 145	1/21 492	1/29 271	2/15 382	2/86 979
COLOMBIA	1 177	30 993	2 363	3 395	1 104	6 031
ECUADOR	519	7 949	433	630	176	960
PERU	1 391	23 545	1 170	1 737	1 017	12 791
SURINAME	16	94	11	23	...	...
URUGUAY	77	16 518	2 784	4 305	1 177	5 339
VENEZUELA	288	26 470	2 914	4 271	1 990	13 397
<u>ASIA</u> (2)	14 415	16 931	1 833	2 289	...	...
INDONESIA	14 375	16 394	1 801	2 226	...	...
ISRAEL	40	537	32	63	...	...
<u>EUROPE</u> (5)	6 014	54 779	3 702	5 957	2 123	10 821
CZECHOSLOVAKIA	1 472	11 874	977	1 547	415	2 143
HUNGARY	803	7 476	1 288	2 246	1 058	4 532
PORTUGAL	812	4 975	375	561	113	505
UNITED KINGDOM	327	17 992	845	1 245	304	1 936
YUGOSLAVIA	2 600	12 462	217	358	223	1 705
<u>OCEANIA</u> (2)	312	516 254	28 535	21 456	14 792	432 444
AUSTRALIA	249	497 224	27 019	19 196	13 912	424 481
NEW ZEALAND	63	19 030	1 516	2 260	880	7 963

1/ Holdings with 1 000 ha and less than 2 000. 2/ Holdings with 2 000 ha and over.

4. LAND USE

4.1 Classification of land use in agricultural holdings

Census data on land use facilitate studies of present and prospective patterns of the utilization of land in holdings, the general level of intensification of agricultural activity and of related characteristics of land management practices in agricultural holdings.

The 1970 Programme recommended the classification of land areas in holdings without duplication to five groups:

1. Arable land
2. Land under permanent crops
3. Land under permanent meadows and pastures
4. Wood or forest land
5. All other land.

All the land in the holding had to be classified according to its utilization amongst the five groups, generally reflecting the major use of the land for the census time reference period. For this purpose, the gross areas of the fields comprising a holding were to be allotted to the proper category, with the total area allotted to the five categories being equal to the total area of the holding (see Chapter 2). The 1970 Programme recognized that some countries might need a more detailed classification and suggested for this purpose further subdivisions of some of the recommended major groups.

Arable land comprises all land generally under rotation used for the cultivation of temporary crops, as temporary meadows, as market or kitchen gardens or left temporarily fallow or lying idle. The 1970 Programme suggested the following subdivisions of arable land:

- (i) land under temporary crops (except market and kitchen gardens and cultivation under glass);
- (ii) land under temporary meadows (for mowing or pasture);
- (iii) land under market and kitchen gardens, including cultivation under glass;
- (iv) land temporarily fallow;
- (v) all other arable land.

Land under temporary crops was defined as land used for crops whose growing cycle was under one year and which was newly sown or planted after each harvest, including land temporarily fallow but intended or used for temporary crops during the census year. Crops with a growing period of more than one year were also to be considered temporary crops if the harvesting destroyed the plant. Land under temporary meadows comprised land temporarily cultivated with herbaceous forage crops with a rotation period less than five years. Land under market and kitchen gardens, including cultivation under glass, was suggested to be recorded separately and arable land under specialized cultivation of vegetables, flowers, bulbs and ornamental plants, including their cultivation in greenhouses, was to be recorded also under this category. Temporarily fallow land was defined as land resting for a period less than five years before being planted again and which could be brought back into cultivation by means of normal cultivation practice. The category of other arable land comprises all arable land not elsewhere classified and includes land prepared for cultivation and not planted, land on which all crops failed, arable land damaged by floods, etc.

Land under permanent crops comprises land cultivated with crops which occupy the land for a long period of time and do not need to be replanted after each harvest. Wood or forest land and land under permanent meadows or pastures are excluded from this category. Nurseries, except those for forest trees which are to be classified under wood or forest land, are to be treated as permanent crops.

Land under permanent meadows and pastures comprises land in the holding used permanently, i.e. for five years or more, for herbaceous forage crops either seeded and cared for or existing naturally. Land with permanent meadows and pastures on which trees or shrubs are grown are to be recorded under this category only if the growing of forage crops thereon is the most important use of the land. The 1970 Programme suggested the subdivision of this group into two categories according to whether the meadows and pastures were cultivated or uncultivated.

Wood or forest land comprises all natural or planted wood lots or tracts of timber in the holding which have or will have value as wood, timber or other forest products or for protection.

The group of all other land comprises all land in the holding not included under any one of the other major groups. The 1970 Programme suggested the subdivision of this group into unused potentially productive but not yet developed land and other land not classified elsewhere which includes land occupied by buildings, parks, ornamental gardens, roads, lanes, wasteland, land under water, etc.

National census practices as regards classification of land use differed appreciably and, in many cases, also differed from the FAO recommended classification. Some of these differences were related to the definition of area of the holding discussed earlier in Chapter 3. As stated there, while a majority of countries used total gross area, many countries used other concepts such as area under crops (temporary and permanent), agricultural area (arable land and land under permanent crops and under permanent meadows and pastures), cropland (arable land and land under permanent crops), cultivated area, or only arable land. Naturally, these deviations were reflected in the size groups used for the tabulation of national census data on areas in holdings by land use categories. The details of the deviations of national data from the FAO recommended classification are presented in Table 4.1.

Wherever possible, adjustments were made to the national data to enable more meaningful inter-country comparisons of land use data. The main adjustments were in the case of arable land and land under permanent crops. Among the 81 countries included in Table 4.2, 27 countries which provided data on total cropland did not provide separate data on its two components of arable land and land under permanent crops. In view of the importance of the two latter categories, estimates of the related data were made whenever possible. For 18 countries which reported data on areas under individual crops, land under permanent crops was generally obtained by summation of area under individual permanent crops. Area of arable land was estimated as the difference between total cropland area and land area under permanent crops. In case of two of these countries (Sierra Leone and Togo) only data on the two most important permanent crops, i.e. coffee and cocoa, were available. For two other countries (New Zealand and Sweden) arable land and land under permanent crops were estimated proportionately to the relevant 1960 census results. For seven countries no estimates of land use area were available.

4.2 Major uses of land

The prevailing pattern of land use in any country is mainly the product of its history, ecology, topography, economic resources, degree of social development and public policy measures for agrarian reform and rural development. In densely settled countries where for centuries land has been a scarce resource, use of land has generally been very intensive, while in countries where land has been relatively plentiful and easy to obtain, the land use pattern was greatly influenced by type of land ownership and control. Land management practices and the extent of the use of improved production technologies also affected the land use pattern.

There was a great diversity of land utilization in the 81 countries included in the report for which adequate data on land use were available. Tables 4.2 and 4.3 show the pattern of land utilization by country for the 1970 national censuses. Similar diversity in land use among economic groups of countries is reflected in Table 15 below.

Table 15 - Distribution of area of holdings by land use classes and by economic groups of countries

	Total (81 countries)		Developed countries (27)		Developing countries			
	Million ha	Percent	Million ha	Percent	Total (54 countries)		MSA countries (14)	
					Million ha	Percent	Million ha	Percent
Total area	2 026	100.0	1 226	100.0	800	100.0	206	100.0
Cropland	684	33.7	375	30.6	309	38.6	187	90.5
Arable land	(635)	(31.3)	(365)	(29.8)	(270)	(33.7)	(174)	(84.5)
Land under permanent crops	(37)	(1.8)	(10)	(0.8)	(27)	(3.4)	(7)	(3.3)
Cropland not classified as arable land or land under permanent crops ..	(12)	(0.6)	-	-	(12)	(1.5)	(6)	(2.7)
Permanent meadows and pastures	874	43.1	571	46.6	303	37.9	6	(2.9)
Wood or forest land	188	9.3	93	7.6	95	11.9	5	2.5
All other land	280	13.9	187	15.2	93	11.6	8	4.1

Table 15 and a scrutiny of Table 4.2 show a number of characteristics of land use in agricultural holdings. Arable land and land under permanent meadows are the most significant categories of land use in holdings. Cropland, which includes arable land, occupies about one-third of all land in holdings in the 81 countries as a whole. Countries with large areas in agricultural holdings tended to have relatively little cropland and more land under permanent meadows and pastures. Arable land comprises around 31 percent of all land in holdings and is the major source of the world's production of food and fibres. Land under permanent crops accounted for around 1.8 percent of all land in holdings in the 81 countries,

but the proportion of this land use category varied greatly among countries in different climatic and ecological zones. The total area of land under permanent meadows and pastures in the 81 countries was about 874 million ha and represented about 43 percent of the total area of all holdings. Most of the land under permanent meadows and pastures was in North and Latin American countries and in Oceania. For some countries, data on land under permanent meadows and pastures were not available and in several countries land in permanent meadows and pastures were included with the category of all other land. Therefore, information on permanent meadows and pastures given in Table 4.2 understates to some extent the actual situation for this category of land use in a number of countries. Similarly, data on wood or forest land, which accounted for about 9 percent of total area of all holdings were understated because considerable areas under this category were included with the category of all other land in a number of countries (e.g. Ireland, Australia) and in some countries, mainly in Africa where shifting cultivation is a common practice, the area of wood or forest land was not included as part of the agricultural holdings.

As shown in Table 15, the pattern of land utilization, according to the 1970 census data, varies considerably between economic groups of developed, developing and MSA countries. In developed countries, the largest proportion of land was under permanent meadows and pastures (about 47 percent) and the smallest proportion of land was under permanent crops (less than 1 ha). The proportions of arable land in developed and developing countries were about the same magnitude (about 30 and 34 percent respectively). Data on land use in MSA countries apparently indicate a different pattern from that for other countries. This apparent pattern indicates that almost all land in holdings in MSA countries was under crops (about 91 percent) and that other uses of land in MSA countries were of negligible magnitude, except for land under permanent crops, which accounted for 3 percent of all area in holdings. It should be noted that the distribution of land in holdings in the MSA countries by land use categories is not comparable with that in developed or other developing countries, because for most of the MSA countries census data did not cover other land use classes except land under crops. Many of these countries practise shifting cultivation for which only the land under crops and land prepared for cultivation were to be considered as constituting the holding.

Because of the importance of arable land for food production, related information was assembled for 74 countries for which data were available as shown in Table 4.2. Arable land in these 74 countries totalled about 635 million ha and represented around 32 percent of all land in holdings.

The proportional share of arable land in holdings varies among continents and among economic groups of countries. Countries of Oceania and South America had the smallest proportion of arable land compared with total land in holdings, about 10 percent. Arable land in North and Central American countries comprised about 38 percent of all land in holdings, in European countries 42 percent, in African countries about 43 percent, and in Asian countries about 86 percent.

Out of 635 million ha of arable land in the 74 countries included in Table 4.2 about 58 percent were concentrated in developed countries and 42 percent in the group of developing countries. Arable land in the group of MSA countries totalled 174 million ha and accounted for about 65 percent of all arable land in the group of developing countries.

In Table 4.4 data on total arable land and in Table 4.5 data on average arable land per holding by size of holding are presented for 42 countries. These countries have about 334 million ha of arable land and most of this (around 71 percent) was concentrated in holdings with less than 50 ha in size. The percentage distribution of arable land by size of holding differed considerably from the distribution of all land in holdings by size of holding in the same countries, as shown by Table 16.

Table 16 - Distribution of total and arable land by size of holding for 42 countries

Size class	Total land in holding		Arable land	
	Million ha	Percent	Million ha	Percent
Total	1 260	100.0	334	100.0
Under 1 ha	21	1.7	19	5.6
1 and under 2 ha	30	2.3	25	7.4
2 and under 5 ha	73	5.8	54	16.2
5 and under 10 ha	60	6.3	52	15.6
10 and under 20 ha	80	6.3	48	14.3
20 and under 50 ha	86	6.8	39	11.8
50 and under 100 ha	56	4.5	19	5.7
100 and under 200 ha	61	4.8	14	4.2
200 and under 500 ha	77	6.2	15	4.6
500 and under 1 000 ha	64	5.1	15	4.4
1 000 ha and over	632	50.2	34	10.1

For holdings of less than 5 ha, arable land represented 80 percent of total area in holdings. In holdings under 20 ha of size arable land accounted for 70 percent. Only 5 percent of the total area of holdings with land area of 1 000 ha and over was arable land. It should be noted that about two-thirds of arable land in holdings with land area of 1 000 ha and over was reported by Australia.

When analyzing data on average arable land per holding in Table 4.5 it should be kept in mind that countries used different criteria for classification of data by size of holding (see footnotes in Table 3.2). Consequently, the highest averages in individual size groups are found in Sweden which classified data by size of arable land.

Information on various categories of arable land was presented in Table 4.6 for 44 countries which provided the required data. The area under temporary crops represents the most important category of use of arable land. From data presented in Table 4.6 it appears that area under temporary crops comprises more than 71 percent of all arable land in 44 countries. Land temporarily fallow represents about 11 percent of all arable land in the 44 countries presented in Table 4.6. Europe has the smallest percentage of temporarily fallow land in all arable land (about 3 percent). This proportion of land temporarily fallow is about 7 percent in Asia, and is much larger in all other continents.

TABLE 4.1 - Deviations from FAO census programme categories for land utilization

Countries by continents	Cropland ^{1/}	FAO Programme categories				
		Arable land (1)	Land under permanent crops (2)	Permanent meadows and pastures (3)	Wood or forest land (4)	All other land (5)
<u>AFRICA</u>						
ALGERIA	none	none	none	none	Includes unproductive land	n.a.
BOTSWANA	n.a.	Land under temporary crops	n.a. (negligible)	n.a.	n.a.	n.a.
CAMEROON	Land under crops plus fallow land	n.a.	n.a.	n.a.	n.a.	n.a.
CENTRAL AFRICAN REPUBLIC	Land under crops	n.a. ^{2/}	n.a. ^{2/}	n.a.	n.a.	n.a.
CHAD	Land under crops	n.a.	n.a.	n.a.	n.a.	n.a.
CONGO	Land under crops	n.a. ^{2/}	n.a. ^{2/}	n.a.	n.a.	n.a.
GABON	Land under crops	n.a.	n.a.	n.a.	n.a.	n.a.
GHANA	Land under crops	Land under temporary crops	none	n.a.	n.a.	n.a.
IVORY COAST	Land under crops	Land under temporary crops plus bananas, plantains and pineapples	none	n.a.	n.a.	n.a.
MALAWI	Land under crops	n.a.	n.a.	n.a.	n.a.	n.a.
REUNION	Includes 3	n.a. ^{2/}	n.a. ^{2/}	Included under cropland	none	none
SIERRA LEONE	Land under crops	n.a. ^{2/}	n.a. ^{2/}	n.a.	n.a.	n.a.
TANZANIA	Land under crops	n.a.	n.a.	n.a.	n.a.	n.a.
TOGO	Land under crops	n.a. ^{2/}	n.a. ^{2/}	n.a.	n.a.	n.a.
ZAIRE	Land under crops	Includes 2 of traditional sector	none (modern sector only)	none (modern sector only)	none (modern sector only)	none (modern sector only)
ZAMBIA (Modern sector only)	Land under crops plus fallow land	n.a.	n.a.	none	n.a.	n.a.
<u>NORTH AND CENTRAL AMERICA</u>						
CANADA	none	n.a. ^{2/}	n.a. ^{2/}	none	none	none
MEXICO	none	Includes pine-apples	Excludes pine-apples	none	none	none
PUERTO RICO	none	n.a. ^{2/}	n.a. ^{2/}	none	none	none
UNITED STATES	none	n.a. ^{2/}	n.a. ^{2/}	Included under 5 for holdings with sales of less than US \$2 500	none	Includes 3 for holdings with sales of less than US \$2 500

See footnotes at end of table.

(continued)

TABLE 4.1 - Deviations from FAO census programme categories for land utilization (cont'd)

Countries by continents	FAO Programme categories					
	Cropland ^{1/}	Arable land (1)	Land under permanent crops (2)	Permanent meadows and pastures (3)	Wood or forest land (4)	All other land (5)
NORTH AND CENTRAL AMERICA (cont'd) VIRGIN ISLANDS (U.S.)	none	n.a. ^{2/}	n.a. ^{2/}	none	none	none
SOUTH AMERICA SURINAME	Excludes fallow land	Excludes fallow land	none	none	Included under 5	Includes 4, fallow land and area not planted during 1968-69 agricultural season
BAHRAIN	none	none	none	Included under 5	n.a.	Includes 3
INDIA	Excludes miscellaneous tree crops	n.a. ^{2/}	Fruit trees only	Includes miscellaneous tree crops	Includes land not potentially productive	Unused land potentially productive only
KOREA, Republic of	none	Includes some permanent crops (medicinal plants)	Includes nurseries of forest trees Excludes some permanent crops	none	n.a.	n.a.
PAKISTAN	none	n.a. ^{2/}	Fruit trees only	Included under 5	none	Includes 3
SAUDI ARABIA, Kingdom of	none	none	none	Included under 5	none	Includes 3 and 4
SRI LANKA	Land under crops	Land under temporary crops	none	none	none	none
EUROPE	none	n.a. ^{2/}	n.a. ^{2/}	none	none	none
BELGIUM	Includes permanent grassland	n.a. ^{2/}	n.a. ^{2/}	n.a.	n.a.	n.a.
DENMARK	none	Excludes market and kitchen gardens	Includes market and kitchen gardens	none	none	none
FINLAND	none	Includes alfalfa on pure stand for 5 years or more	none	Excludes alfalfa on pure stand for 5 years or more	none	none
FRANCE	none	none	none	Excludes "rough grazing land"	Included under 5	Includes 4 and "rough grazing land"
IRELAND	none	none	none	Included under 5	Included under 5	Includes 3 and 4
MALTA	n.a. ^{2/}	none	n.a. ^{2/}	Included under 5	Included under 5	Includes 3 and 4

(continued)

See footnotes at end of table.

TABLE 4.1 - Deviations from FAO census programme categories for land utilization (cont'd)

Countries by continents	Cropland ^{1/}	FAO Programme categories					All other land (5)
		Arable land	Land under permanent crops (2)	Permanent meadows and pastures (3)	Wood or forest land (4)		
EUROPE (cont'd)							
NETHERLANDS	none	n.a. ^{2/}	n.a. ^{2/}	none	n.a.	n.a.	n.a.
PORTUGAL	none	Excludes temporary crops grown in association with permanent crops or forest trees	Includes temporary crops grown in association with permanent crops	none	Includes temporary crops grown in association with forest trees	none	none
SWEDEN	none	n.a. ^{2/}	n.a. ^{2/}	none	none	none	none
OCEANIA							
AMERICAN SAMOA	none	n.a. ^{2/}	n.a. ^{2/}	none	Included under 5	Included under 5	Includes 4
AUSTRALIA	none	none	none	none	Included under 5	Included under 5	Includes 4
FIJI	none	n.a. ^{2/}	n.a. ^{2/}	none	Included under 5	Included under 5	Includes 4
GUAM	none	n.a. ^{2/}	n.a. ^{2/}	none	Included under 5	Included under 5	Includes 4
NEW ZEALAND	Land under crops and temporary meadows and pastures	n.a. ^{2/}	n.a. ^{2/}	none	none	none	none
PACIFIC ISLANDS (TRUST TERRITORY)	none	n.a. ^{2/}	n.a. ^{2/}	none	Included under 5	Included under 5	Includes 4

^{1/} Cropland: this is not an explicit category of FAO Programme. It is the sum of arable land and land under permanent crops. ^{2/} Entry was estimated.
n.a. = not available.

TABLE 4.2 - Area of holdings classified by land use groups

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area of country ('000 ha)	Total area of holdings	Cropland	Arable land	Land under permanent crops	Permanent meadows and pastures	Wood or forest land	All other land
TOTAL (81)		6 695 249	2 026 430 664	684 280 922	635 374 816	37 337 215	874 000 929	188 453 840	279 694 973
AFRICA (20)		1 156 877	34 141 524	27 040 132	14 678 819	5 272 352	3 922 354	566 880	2 612 158
ALGERIA	1973	238 174	5 544 145	5 207 611	4 993 785	213 826	121 912	214 622	...
BOTSWANA	1969	60 037	228 209	228 209	228 209	..	...	...	...
CAMEROON	1972/73	45 544	1 489 758	1 489 758	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	1973/74	62 298	491 465	491 465	433 581	57 884	...	...	...
CHAD	1972/73	128 400	962 166	962 166	...	...	...	...	...
CONGO	1972/73	34 200	196 774	196 774	99 360	97 414	...	...	...
GABON	1974/75	26 767	72 738	72 738	...	...	...	...	...
GHANA	1970	23 654	2 574 260	2 574 260	993 400	1 580 800	...	...	...
IVORY COAST	1974/75	32 243	2 753 491	2 753 491	939 418	1 814 073	...	...	...
KENYA	1974	58 264	6 132 000	2 553 900	1 759 500	794 400	1 792 700	126 700	1 658 700
LESOTHO	1970	3 035	372 342	372 342	372 257	85	...	...	...
LIBERIA	1971	11 137	365 673	365 673	126 110	239 563	...	...	...
MALAWI	1968/69	11 848	1 361 400	1 361 400	...	...	...	...	...
NEGHON	1972/73	252	77 231	46 289	45 373	916	...	15 012	15 930
SIERRA LEONE	1970/71	7 174	520 572	520 572	432 672	117 900	...	...	...
SWAZILAND	1971/72	1 736	766 775	150 877	147 816	3 061	464 400	91 809	59 689
TANZANIA	1971/72	94 509	3 070 000	3 070 000	...	...	...	...	...
TOGO	1970	5 600	328 909	328 909	295 104	33 805	...	...	...
ZAMBIA	1970	234 541	5 896 181	4 160 859	3 842 234	318 625	1 186 733	118 737	429 852
ZAMBIA 1/	1970/71	75 261	937 495	1 132 999	...	...	356 609	...	447 987
NORTH AND CENTRAL AMERICA (14)		2 171 544	652 357 253	252 598 085	248 244 852	4 353 233	256 699 522	71 859 937	71 199 709
BELIZE	1973/74	2 296	232 519	84 921	73 819	11 102	36 586	84 484	26 528
CANADA	1971	997 614	68 663 191	38 650 487	38 568 732	81 755	19 232 483	4 659 670	6 120 551
COSTA RICA	1973	5 070	3 122 456	490 459	283 309	207 150	1 558 053	716 518	357 426
DOMINICAN REPUBLIC	1971	4 873	2 736 274	1 144 469	826 590	317 879	1 252 308	316 410	23 087
EL SALVADOR	1970/71	2 139	1 451 894	651 935	488 436	163 499	554 881	168 044	77 034
GUADELOUPE	1970	178	68 714	52 769	45 199	7 570	9 696	6 076	173
HONDURAS	1974	11 209	2 629 859	1 596 312	1 413 013	183 299	470 111	193 071	370 365
JAMAICA	1968/69	1 096	602 659	249 190	193 814	55 376	130 090	81 202	142 177
MEXICO	1970	202 206	139 868 191	23 138 405	21 688 198	1 450 207	74 498 820	19 857 788	22 373 178
PANAMA	1971	7 565	2 098 062	541 807	431 043	110 764	1 140 795	345 064	70 396
PUNTO RICO	1970	890	524 575	206 554	130 554	68 000	187 126	92 718	38 177
ST. LUCIA	1973/74	62	29 130	16 868	5 320	11 548	2 973	7 690	1 607
UNITED STATES	1969	936 312	430 321 437	185 770 098	184 085 098	1 665 000	157 622 531	45 330 245	41 598 563
VIRGIN ISLANDS (U.S.)	1970	34	8 284	3 811	3 727	84	3 069	957	445

(continued)

See footnotes at end of table.

TABLE 4.2 - Area of holdings classified by land use groups (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area of country (1 000 ha)	Total area of holdings	Cropland	Arable land	Land under permanent crops	Permanent meadows and pastures	Wood or forest land	All other land
<u>SOUTH AMERICA (6)</u>		1 218 893	391 690 498	50 474 843	39 128 751	11 346 092	215 666 923	67 600 728	57 928 004
BRAZIL	1970	851 197	294 145 466	33 983 796	25 999 728	7 984 058	154 138 529	57 881 182	48 141 959
COLOMBIA	1970/71	113 891	30 993 190	3 438 668	5 310 754	2 347 944	17 464 571	...	5 858 951
PERU 2/	1971/72	128 522	23 470 145	3 456 085	3 143 388	292 697	15 370 053	3 083 520	1 560 487
SURINAME	1969	16 327	93 833	38 172	30 315	7 857	8 830	...	46 831
URUGUAY	1970	17 751	16 517 730	1 851 720	1 803 371	48 349	13 629 235	613 854	422 920
VENEZUELA	1971	91 205	26 470 134	3 506 482	2 841 225	665 177	15 075 704	6 022 172	1 855 656
<u>ASIA (14)</u>		973 123	226 781 346	207 919 160	195 127 150	8 372 080	4 451 965	5 338 343	9 071 868
BAHRAIN	1973/74	62	3 702	1 649	586	1 063	...	...	2 053
INDIA 3/	1970/71	328 048	162 062 000	149 582 000	148 693 000	689 000	3 086 000	4 603 000	4 791 000
INDONESIA 4/	1973	190 435	14 168 181	12 678 482	9 843 938	2 734 544	87 719	197 081	1 204 899
IRAQ	1971	43 492	5/5 731 685	4 999 866	4 848 366	151 500	39 300	10 800	681 719
ISRAEL	1971	2 070	539 800	380 200	301 100	79 100	...	...	159 600
JAPAN 5/	1970	37 231	5 372 494	4 848 773	4 373 406	475 367	523 721	...	...
JORDAN	9 774	390 403	345 726	345 726	316 459	30 267	1 559	1 089	41 029
KOREA, Republic of	1970	9 848	2 132 233	2 117 608	2 007 433	110 175	14 625	...	...
KUWAIT	1970	1 782	2 726	642	594	48	39	...	2 045
PAKISTAN	1972	80 394	19 913 400	18 454 704	18 288 026	166 678	...	49 693	1 409 003
PHILIPPINES	1971	30 000	8 493 735	7 176 420	4 644 254	2 532 166	690 968	433 707	192 620
SAUDI ARABIA, Kingdom of	1973/74	214 959	1 213 462	1 114 769	1 034 774	79 995	...	...	96 693
SRI LANKA	1973	6 561	2 036 142	1 797 391	675 214	1 122 177	8 034	42 973	187 744
SYRIA	1970/71	18 457	4 721 383	4 419 930	...	...	...	...	301 453
<u>EUROPE (21)</u>		377 179	284 806 166	93 260 568	85 487 664	7 773 504	52 549 820	42 541 052	16 554 726
AUSTRIA	1970	8 385	7 490 463	1 557 605	1 489 285	88 020	2 037 179	3 060 990	774 689
BELGIUM	1970	3 051	1 602 864	813 203	752 642	60 561	727 103	14 979	47 579
CZECHOSLOVAKIA	1970	12 768	11 874 100	5 258 608	5 146 078	112 530	1 706 532	4 426 202	482 758
DENMARK	1970	4 307	2 941 316	2 941 316	2 937 487	3 829	...	...	...
FINLAND	1969/70	33 761	15 150 223	2 677 165	2 669 057	8 108	153 444	9 795 837	2 525 777
FRANCE	1970/71	54 703	35 039 217	17 574 880	16 086 464	1 488 416	12 329 873	3 118 311	2 016 153
GERMANY, Federal Republic of	1971	24 858	15 235 139	7 536 680	7 377 209	159 471	5 114 371	1 832 699	752 359
GREECE	1971	13 194	3 586 294	3 516 198	2 675 148	841 050	70 096	...	...
HUNGARY	1972	9 303	7 476 103	5 431 181	4 954 821	476 360	1 234 956	443 888	406 078
IRELAND	1970	7 028	5 650 000	647 562	644 195	3 367	4 147 093	...	855 345
ITALY	1970	30 123	25 064 218	11 903 143	8 839 917	3 063 226	5 469 589	5 404 183	2 287 303
LUXEMBOURG	1970	259	135 143	66 049	64 602	1 447	69 094	...	...
MALTA	1968/69	32	15 899	15 180	13 885	1 295	...	...	719
NETHERLANDS	1970	3 362	2 142 597	957 181	821 426	35 755	1 285 416	...	...
NORWAY	1969	32 422	7 772 091	741 593	728 761	12 832	213 740	3 426 548	3 395 240

See footnotes at end of table.

(continued)

TABLE 4.2 - Area of holdings classified by land use groups (cont'd)

Area: in hectares

Countries by continents (number of reporting countries is given in parenthesis)	Consus Year	Total area of country (1 000 ha)	Total area of holdings	Cropland	Arable land	Land under permanent crops	Permanent meadows and pastures	Wood or forest land	All other land
EUROPE (cont'd)									
POLAND	1970	31 268	16 418 552	11 445 891	11 276 982	168 909	2 874 044	1 212 330	886 287
PORTUGAL	1968	9 238	4 974 157	3 072 241	2 478 138	596 073	143 338	1 732 441	23 167
SPAIN	1971	44 996	23 589 346	3 032 418	3 038 418	4 000	374 224	5 801 355	1 361 949
SWITZERLAND	1969	4 129	1 292 110	386 515	367 723	18 792	751 898	132 952	20 745
UNITED KINGDOM	1970	24 482	17 992 312	7 201 115	7 128 968	12 147	10 502 386	153 337	135 474
YUGOSLAVIA	1969	25 586	12 462 422	6 581 874	6 024 558	557 316	3 285 444	2 025 050	570 074
OCEANIA (6)									
AMERICAN SAMOA	1970	797 733	316 553 877	52 988 134	52 708 180	279 954	340 690 325	546 900	122 328 518
AUSTRALIA	1971	20	4 212	3 064	1 370	1 694	257	...	891
FUJI	1968/69	768 685	497 223 700	43 930 400	43 744 200	186 200	335 583 400	...	117 709 900
GUAN	1970	1 827	245 332	146 374	82 197	64 177	37 033	...	61 895
NEW ZEALAND	1970	55	10 586	4 339	3 727	612	4 394	...	1 853
PACIFIC ISLANDS (TRUST TERRITORY)									
	1972	26 868	19 030 400	8 676 700	8 864 200	12 507	5 058 300	546 960	4 548 500
	1970	178	39 647	27 257	12 486	14 771	6 941	...	5 449

1/ Commercial sector only, excluding 209 487 ha of land not classified by land use and 1 269 196 ha in the traditional sector. 2/ Excludes 75 002 ha of land in holdings with less than 0.5 ha not classified by land use. 3/ Excludes 62 000 ha of land not classified by land use. 4/ Excludes 2 225 645 ha in estates not classified by land use. 5/ Discrepancy (796 ha) between the area of holdings reporting land utilization and total area of holdings (table 3.1) are probably due to the rounding errors at holding level. 6/ Excludes 16 060 ha of land in institutional holdings not classified by land use.

TABLE 4.3 - Area of holdings as percentage of total area of country and percent distribution of area in holdings by use of land

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Holding area as percentage of total area of country	Percent distribution of holding area by use						
			Total area of holdings	Cropland			Permanent meadows and pastures	Wood and forest land	All other land
				Total	Arable land	Land under permanent crops			
<u>TOTAL (31)</u>		30.3	100.0	33.7	31.3	1.8	43.1	9.3	13.9
<u>AFRICA (20)</u>		3.0	100.0	79.2	43.0	15.4	11.5	1.7	7.7
ALGERIA	1973	2.3	100.0	93.9	90.1	3.8	2.2	3.9	...
BOTSWANA	1969	0.4	100.0	100.0	100.0	...	...	...	...
CAMEROON	1972/73	3.1	100.0	100.0	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	1973/74	0.8	100.0	100.0	88.2	11.8	...	...	...
CHAD	1972/73	0.7	100.0	100.0	...	...	...	...	...
CONGO	1972/73	0.6	100.0	100.0	50.5	49.5	...	...	...
GABON	1974/75	0.3	100.0	100.0	...	...	...	...	...
GHANA	1970	10.8	100.0	100.0	38.6	61.4	...	...	...
IVORY COAST	1974/75	8.5	100.0	100.0	34.1	65.9	...	...	...
KENYA	1974	10.5	100.0	41.6	28.7	12.9	29.2	2.1	27.1
LESOTHO	1970	12.3	100.0	100.0	100.0	-	...	...	...
LIBERIA	1971	3.3	100.0	100.0	34.5	65.5	...	...	...
MALAWI	1968/69	11.5	100.0	100.0	...	...	...	...	...
REUNION	1972/73	30.6	100.0	59.9	58.8	1.2	...	19.4	20.6
SIERRA LEONE	1970/71	7.3	100.0	100.0	77.4	22.6	...	...	...
SWAZILAND	1971/72	44.2	100.0	19.7	19.3	0.4	60.5	12.0	7.8
TANZANIA	1971/72	3.2	100.0	100.0	...	...	...	...	...
TOGO	1970	5.9	100.0	100.0	89.7	10.3	...	...	...
ZAIRE	1970	2.5	100.0	70.6	65.2	5.4	20.1	2.0	7.3
ZAMBIA 1/	1970/71	1.2	100.0	14.2	...	...	38.0	...	47.8
<u>NORTH AND CENTRAL AMERICA (14)</u>		30.0	100.0	38.7	38.0	0.7	39.4	11.0	10.9
BELIZE	1973/74	10.1	100.0	36.5	31.7	4.8	15.7	36.3	11.4
CANADA	1971	6.9	100.0	56.3	56.2	0.1	28.0	6.8	8.9
COSTA RICA	1973	61.6	100.0	15.7	9.1	6.6	49.9	22.9	11.5
DOMINICAN REPUBLIC	1971	56.2	100.0	41.8	30.2	11.6	45.8	11.6	0.8
EL SALVADOR	1970/71	67.9	100.0	44.9	33.6	11.3	38.2	11.6	5.3
GUADELOUPE	1970	38.8	100.0	76.8	65.8	11.0	14.1	8.8	0.3
HONDURAS	1974	23.5	100.0	60.7	53.7	7.0	17.9	7.3	14.1
JAMAICA	1968/69	55.0	100.0	41.3	32.1	9.2	21.6	13.5	23.6
MEXICO	1970	69.2	100.0	16.5	15.5	1.0	53.3	14.2	16.0
PANAMA	1971	27.7	100.0	25.8	20.5	5.3	54.4	16.4	3.4
PUERTO RICO	1970	58.9	100.0	39.4	26.4	13.0	35.6	17.7	7.3
ST. LUCIA	1973/74	47.0	100.0	57.9	18.3	39.6	10.2	26.4	5.5
UNITED STATES	1969	46.0	100.0	43.2	42.8	0.4	36.6	10.5	9.7
VIRGIN ISLANDS (U.S.)	1970	24.4	100.0	46.0	45.0	1.0	37.0	11.6	5.4

(continued)

For footnotes see table 4.2

TABLE 4.3 - Area of holdings as percentage of total area of country and percent distribution of area in holdings by use of land (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Holding area as percentage of total area of country	Total area of holdings	Percent distribution of holding area by use								
				Total	Cropland		Land under permanent crops	Permanent meadows and pastures	Wood and forest land	All other land		
					Arable land	Land under permanent crops						
<u>SOUTH AMERICA</u> (6)												
BRAZIL	1970	32.1	100.0	12.9	10.0	2.9	55.1	17.2	14.8			
COLOMBIA	1970/71	34.6	100.0	11.5	8.8	2.7	52.4	19.7	16.4			
PERU 2/	1971/72	27.2	100.0	24.7	17.1	7.6	56.4	...	18.9			
SURINAME	1969	18.3	100.0	14.7	13.4	1.3	65.5	13.1	6.7			
URUGUAY	1970	0.6	100.0	40.7	32.3	8.4	9.4	...	49.9			
VENEZUELA	1971	29.0	100.0	11.2	10.9	0.3	82.5	3.7	2.6			
			100.0	13.2	10.7	2.5	56.9	22.8	7.1			
<u>ASIA</u> (14)												
BAHRAIN	1973/74	23.3	100.0	91.7	86.0	3.7	2.0	2.4	3.9			
INDIA 3/	1970/71	6.0	100.0	44.6	15.9	28.7	...	...	55.4	
INDONESIA 4/	1973	49.4	100.0	92.3	91.7	0.6	1.9	2.8	3.0			
IRAQ	1971	7.4	100.0	89.5	70.2	19.3	0.6	1.4	8.5			
ISRAEL	1971	13.2	5/100.0	87.2	84.5	2.7	0.7	0.2	11.9			
JAPAN 6/	1970	26.1	100.0	70.4	55.8	14.6	...	...	29.6	
JORDAN	1975	14.4	100.0	90.2	81.4	8.8	9.8	...	...	
KOREA, Republic of	1970	4.0	100.0	88.8	81.0	7.8	0.4	0.3	10.5			
KUWAIT	1970	21.6	100.0	99.3	94.1	5.2	0.7	...	...	
PAKISTAN	1970	0.2	100.0	23.6	21.8	1.8	1.4	...	...	
PHILIPPINES	1972	24.8	100.0	92.7	91.8	0.8	...	0.2	7.1			
SAUDI ARABIA, Kingdom of	1971	28.3	100.0	84.5	54.7	29.8	8.1	5.1	2.3			
SRI LANKA	1973/74	0.6	100.0	91.9	85.3	6.6	...	...	8.1	
SYRIA	1970/71	31.0	100.0	88.3	33.2	55.1	0.4	2.1	9.2			
		25.6	100.0	93.6	...	...	...	...	6.4
<u>EUROPE</u> (21)												
AUSTRIA	1970	54.3	100.0	45.5	41.7	3.8	25.6	20.7	8.1			
BELGIUM	1970	89.3	100.0	20.8	20.2	0.6	28.0	40.9	10.3			
CZECHOSLOVAKIA	1970	52.5	100.0	50.7	47.0	3.7	45.4	0.9	3.0			
DENMARK	1970	92.9	100.0	44.3	43.3	1.0	14.4	37.3	4.0			
FINLAND	1969/70	68.3	100.0	100.0	99.9	0.1	...	...	...
FRANCE	1970/71	45.0	100.0	17.7	17.6	0.1	1.0	64.6	16.7			
GERMANY, Federal Republic of	1971	64.1	100.0	50.2	46.0	4.2	35.2	8.9	5.7			
GREECE	1971	61.3	100.0	49.5	48.4	1.1	33.6	12.0	4.9			
HUNGARY	1972	27.2	100.0	98.0	74.6	23.4	2.0	...	...	
IRELAND	1970	80.4	100.0	72.7	66.3	6.4	16.5	5.4	5.4			
ITALY	1970	80.4	100.0	11.5	11.4	0.1	73.4	...	15.1			
LUXEMBOURG	1970	83.2	100.0	47.5	35.3	12.2	21.8	21.6	9.1			
MALTA	1968/69	52.2	100.0	48.9	47.8	1.1	51.1	...	...	
NETHERLANDS	1970	49.7	100.0	95.5	87.3	8.2	...	...	4.5	
NORWAY	1970	63.7	100.0	40.0	38.3	1.7	60.0	...	...	
POLAND	1969	24.0	100.0	9.5	9.4	0.1	2.8	...	...	
	1970	52.5	100.0	69.7	68.7	1.0	17.5	7.4	43.6			

(continued)

For footnotes see table 4.2

TABLE 4.3 - Area of holdings as percentage of total area of country and percent distribution of area in holdings by use of land (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Holding area as percentage of total area of country	Total area of holdings	Percent distribution of holding area by use						
				Total	Cropland		Permanent meadows and pastures	Wood and forest land	All other land	
					Arable land	Land under permanent crops				
EUROPE (cont'd)										
PORTUGAL	1968	54.0	100.0	61.8	49.8	12.0	2.9	34.8	0.5	
SWEDEN	1971	23.5	100.0	28.6	28.6	-	3.5	54.8	13.1	
SWITZERLAND	1969	31.3	100.0	29.9	28.5	1.4	58.2	10.3	1.6	
UNITED KINGDOM	1970	73.5	100.0	40.0	38.6	0.4	58.4	0.9	0.7	
YUGOSLAVIA	1969	48.7	100.0	52.8	48.3	4.5	26.4	16.2	4.6	
OCEANIA (6)										
AMERICAN SAMOA	1970	64.8	100.0	10.3	10.2	0.1	66.0	0.1	23.7	
AUSTRALIA	1971	21.1	100.0	72.7	32.5	40.2	6.1	...	21.2	
FIJI	1968/69	54.7	100.0	8.8	8.8	-	67.5	...	23.7	
CUAN	1970	13.4	100.0	59.7	33.5	26.2	15.1	...	25.2	
NEW ZEALAND	1972	19.2	100.0	41.0	35.2	5.8	41.5	...	17.5	
PACIFIC ISLANDS (TRUST TERRITORY)	1970	70.8	100.0	46.5	46.6	...	26.5	2.9	23.9	
		22.3	100.0	68.8	31.5	37.3	17.5	...	13.8	

For footnotes see table 4.2

Area: in thousand hectares

TABLE 4.4 - Arable land by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total arable land	Under 1 ha	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
TOTAL (42)	334 295.3	18 701.6	24 902.6	54 193.2	52 115.0	47 695.6	39 470.5	19 106.9	13 992.0	15 504.4	14 857.1	33 756.4
AFRICA (4)	6 405.0	83.8	346.4	1 000.3	1 176.7	1 270.3	1 360.3	604.9	311.5	250.8	...	...
ALGERIA	4 993.8	35.6	97.9	455.8	788.0	1 119.9	1 329.9	604.4	311.5	250.8	...	...
IVORY COAST	973.6	25.0	93.9	365.4	328.0	150.4	30.4	0.5	...	...	...	...
LESOTHO	372.3	38.2	147.9	167.2	39.0	...	...	...	...	...	...	...
REUNION	45.3	5.0	6.7	11.9	21.7	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (7)	3 641.4	906.1	179.0	266.0	235.5	271.9	454.0	308.4	260.7	349.8	153.0	257.0
COSTA RICA	283.3	1.7	3.3	11.5	13.5	23.1	61.9	48.1	34.8	38.9	17.4	29.1
DOMINICAN REPUBLIC	826.5	826.6	...	...	...	...	...	...	...	...	...	...
EL SALVADOR	488.4	56.6	64.4	83.8	49.8	42.9	48.8	28.2	25.3	36.5	22.5	29.6
HONDURAS	1 413.0	19.0	43.9	107.2	107.2	132.8	230.2	162.2	157.1	184.7	100.2	168.5
JAMAICA	193.8	...	55.4	31.6	23.7	6.9	4.3	3.9	7.4	60.6	...	...
PANAMA	431.0	2.2	10.3	31.0	40.8	65.6	108.5	65.8	35.8	28.3	12.9	29.8
ST. LUCIA	5.3	...	1.7	0.9	0.5	0.6	0.3	0.2	0.3	0.8	...	...
SOUTH AMERICA (5)	33 768.0	299.6	782.8	2 714.3	3 098.5	4 347.2	6 208.0	3 493.7	3 036.9	3 744.9	2 245.3	3 796.8
BRAZIL	25 999.7	202.9	522.6	1 834.5	2 340.6	3 662.8	5 475.6	2 976.7	2 445.4	2 886.5	1 622.4	2 029.7
PERU	1/3 093.4	93.3	238.0	749.6	585.0	422.8	324.4	145.4	139.7	122.3	63.1	209.8
SURINAME	30.3	0.7	2.3	6.9	4.8	1.8	1.7	0.1	0.3	0.7	1.8	9.2
URUGUAY	1 803.4	...	...	11.2	31.7	67.6	140.1	145.9	208.4	344.7	269.6	584.2
VENEZUELA	2 841.2	2.7	19.9	112.1	135.4	192.2	266.2	225.6	243.1	390.7	288.4	963.9
ASIA (7)	165 666.7	16 098.0	21 886.2	41 967.5	35 509.2	28 084.9	15 456.3	5 368.9	559.4	240.5	495.8	...
INDIA	148 693.0	13 615.0	18 036.0	39 184.0	33 426.0	26 121.0	13 784.0	4 527.0	...	...	...	...
IRAQ	4 848.4	15.7	92.4	204.0	677.8	1 215.5	1 384.7	318.8	203.2	240.5	495.8	...
ISRAEL	65.5	1.2	5.9	28.2	12.4	17.8	...	...	...	...	...	...
JAPAN	4 373.4	1 524.8	1 539.3	831.5	477.8	...	...	...	...	...	...	...
KOREA, REP. OF	2 007.4	793.2	821.5	392.7	...	...	...	...	...	...	...	...
PHILIPPINES	4 644.2	124.5	1 350.6	1 245.0	811.5	583.8	119.1	409.7	...	...	...	...
SAUDI ARABIA, Kingdom of	1 034.8	23.6	40.5	82.1	103.7	146.8	168.5	113.4	356.2	...	...	...

(continued)

See footnotes at end of table.

Area: in thousand hectares

TABLE 4.4 - Arable land by size of holding (cont'd.)

Countries by continents (number of reporting countries is given in parenthesis)	Total arable land	Under 1 ha	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
<u>EUROPE</u> (18)	81 070.0	1 313.6	1 707.1	8 232.4	12 065.0	13 642.8	15 437.8	7 998.8	7 259.0	2 704.6	2 258.4	8 450.5
AUSTRIA	1 469.6	7.7	19.1	74.3	156.6	410.1	599.5	104.9	35.3	62.1	...	...
CZECHOSLOVAKIA	5 146.1	399.9	42.6	107.3	99.1	...	34.5	5.6	58.6	685.7	1 409.0	2 303.8
FINLAND	2 669.1	...	47.9	257.3	710.2	931.5	571.7	104.4	46.1	...	...	...
FRANCE	3/15 961.4	14.6	47.9	213.0	686.7	2 435.6	6 060.6	3 642.2	2 860.8	...	...	...
GERMANY, FED. REP. OF	7 377.2	13.6	100.8	382.8	832.0	2 063.6	2 808.2	769.2	407.0	...	...	...
GREECE	2 675.1	55.8	...	1 040.7	856.0	442.5	204.3	75.8	...	...	...	...
HUNGARY	4 954.8	113.7	45.1	48.3	14.3	1.3	0.8	1.4	4.4	23.7	155.1	4 546.7
ITALY	8 839.9	216.4	410.3	1 297.1	1 648.9	1 712.6	1 564.0	784.9	1 205.7	...	...	...
LUXEMBOURG	4/ 64.2	...	0.2	1.1	3.4	11.8	39.9	7.8	...	...	...	...
MALTA	13.9	2.9	3.2	5.8	1.7	0.3	...	...	...	...	...	...
NETHERLANDS	5/ 860.5	8.3	14.3	40.3	84.2	197.5	354.4	114.7	46.8	...	...	...
NORWAY	728.8	...	28.6	134.3	214.1	188.0	134.5	29.1	...	...	...	...
POLAND	11 277.0	222.4	493.1	2 313.1	4 437.8	3 234.5	547.7	28.4	...	...	...	...
PORTUGAL	2 479.1	85.1	...	356.0	...	633.7	263.0	143.7	135.8	219.0	201.7	441.1
SWEDEN	6/3 032.4	...	16.1	114.9	296.2	542.2	1 022.1	551.6	489.3	...	...	...
SWITZERLAND	7/ 367.4	1.9	2.4	11.1	52.5	166.1	111.1	15.2	4.5	2.6	...	...
UNITED KINGDOM	7 128.9	3.0	8.3	35.6	70.9	217.0	1 002.6	1 512.5	1 944.7	1 660.1	419.0	155.2
YUGOSLAVIA	6 024.6	168.3	427.0	1 799.4	1 900.4	454.5	118.9	7.4	20.0	51.4	73.6	1 003.7
<u>OCEANIA</u> (1)	43 744.2	0.4	1.1	12.7	30.1	78.5	554.1	1 332.3	2 564.5	8 213.8	9 704.6	21 252.1
AUSTRALIA	43 744.2	0.4	1.1	12.7	30.1	78.5	554.1	1 332.3	2 564.5	8 213.8	9 704.6	21 252.1

1/ Excluding 50 000 ha in holdings with size not reported.

2/ Family farms only.

3/ Excluding market and kitchen gardens.

4/ Excluding 374 ha under market and kitchen gardens.

5/ Including area under pome and stone fruit.

6/ Including land under fruits and berries.

7/ Excluding area under glass.

TABLE 4.5 - Average area of arable land by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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
..... Hectares												
TOTAL (42)	3.1	0.4	1.3	2.5	5.2	9.0	14.7	25.3	37.5	64.3	162.0	381.4
<u>AFRICA</u> (4)	4.3	0.3	1.3	2.2	4.3	9.0	23.1	58.7	118.1	312.7	...	-
ALGERIA	6.8	0.2	0.9	2.5	6.1	12.5	27.0	60.4	118.1	312.7	...	-
IVORY COAST ^{1/}	1.8	0.5	1.0	1.7	2.4	2.9	3.2	1.8	...	-	-	-
LESOTHO	2.0	0.5	1.5	3.1	5.9	...	-	-	-	-	-	-
REUNION	1.4	0.2	1.4	3.0	15.7	...	-	-	-	-	-	-
<u>NORTH AND CENTRAL AMERICA</u> (7)	3.1	2.2	0.8	1.1	2.2	3.8	7.3	13.8	26.2	61.7	113.9	300.2
COSTA RICA	3.7	0.1	0.4	0.9	1.5	2.6	5.0	8.3	11.9	20.2	35.2	97.1
DOMINICAN REPUBLIC	2.7	8.4	...	-	-	-	-	-	-	-	-	-
EL SALVADOR	1.8	0.4	1.1	1.9	3.2	4.7	7.0	12.5	23.0	57.3	161.8	469.8
HONDURAS	7.2	0.6	1.1	2.0	3.8	6.9	15.2	36.5	79.7	174.7	363.0	997.0
JAMAICA	1.0	0.4	0.4	1.1	2.9	3.0	4.7	11.6	32.9	206.8	...	-
PANAMA	3.7	0.1	0.7	1.6	2.9	4.6	7.7	11.9	18.6	33.1	61.1	275.9
ST. LUCIA	0.5	0.2	0.2	0.7	1.5	3.0	4.7	9.5	16.7	42.1	...	-
<u>SOUTH AMERICA</u> (5)	5.1	0.3	1.0	2.0	3.3	4.8	6.8	9.3	12.8	22.0	39.4	79.2
BRAZIL	5.2	0.5	1.1	2.0	3.3	4.8	6.6	8.7	11.4	19.1	33.9	55.0
PERU ^{2/}	2.2	0.2	0.9	2.2	3.8	5.4	7.0	11.2	19.9	28.8	39.1	95.9
SURINAME	1.9	0.2	0.6	1.2	2.7	3.1	6.5	3.6	13.6	35.0	138.4	836.4
URUGUAY	23.4	0.2	0.6	1.0	2.7	5.5	10.7	18.4	31.6	51.2	74.4	147.5
VENEZUELA	9.9	0.2	0.6	1.5	2.8	4.6	8.2	15.8	29.1	49.4	74.3	196.6
<u>ASIA</u> (7)	2.0	0.4	1.4	2.8	6.2	11.7	24.2	63.2	155.0	190.9	857.8	...
INDIA	2.1	0.4	1.4	2.9	6.4	12.3	24.4	69.6	...	-	-	-
IRAQ	9.0	0.2	1.4	1.9	5.3	11.1	26.1	54.9	104.1	220.6	1 094.5	...
ISRAEL	1.8	0.2	0.7	2.2	1.1	16.5	...	-	-	-	-	-
JAPAN ^{3/}	0.8	0.4	1.2	2.4	6.7	...	-	-	-	-	-	-
KOREA, REPUBLIC OF	0.8	0.5	1.3	2.4	...	-	-	-	-	-	-	-
PHILIPPINES	2.0	0.4	1.2	2.2	3.3	5.8	13.9	73.7	...	-	-	-
SAUDI ARABIA, Kingdom of	5.7	0.3	1.1	2.4	5.9	11.9	25.6	50.6	223.5	...	-	-

(continued)

See footnotes at end of table.

TABLE 4.5 - Average area of arable land by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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
	..... Hectares											
EUROPE (18)	4.5	0.3	0.7	2.0	4.1	7.7	15.8	36.4	83.7	154.6	395.2	1 450.7
AUSTRIA	4.1	0.2	0.5	1.0	2.5	5.6	9.6	9.0	9.7	32.0	...	-
CZECHOSLOVAKIA	3.5	0.3	0.9	2.2	4.5	7.9	12.3	22.0	78.4	254.0	533.3	1 655.0
FINLAND	9.0	-	1.4	3.4	7.3	13.7	27.7	64.4	157.9	...	-	-
FRANCE 4/	10.1	0.1	0.4	1.0	2.7	6.9	16.4	39.1	105.5	...	-	-
GERMANY, FEDERAL REPUBLIC OF	6.9	0.2	0.7	1.7	3.9	8.2	16.8	43.0	155.0	...	-	-
GREECE	2.6	0.2	0.2	1.8	5.2	10.2	23.1	86.1	...	-	-	-
HUNGARY 2/	6.5	0.2	0.9	2.4	5.1	8.0	12.3	20.9	51.8	180.9	480.1	1 929.8
ITALY 5/	2.4	0.2	0.6	1.5	3.5	7.1	14.1	26.8	54.6	...	-	-
LUXEMBOURG	8.4	-	0.4	1.1	3.4	7.6	15.2	26.2	...	-	-	-
MALTA 7/	1.3	0.5	1.3	2.7	3.8	7.9	...	-	-	-	-	-
NETHERLANDS	4.7	0.4	1.0	1.4	2.2	3.6	12.7	50.3	208.9	...	-	-
NORWAY	4.7	0.3	0.9	2.4	5.1	10.5	23.1	58.7	...	-	-	-
POLAND	3.3	0.3	1.0	2.4	5.0	8.7	15.2	29.7	...	-	-	-
PORTUGAL 3/	3.1	0.3	1.0	1.0	...	5.3	14.8	32.0	64.6	146.3	309.4	903.9
SWEDEN 9/	18.7	0.1	1.4	3.7	7.6	14.8	31.2	67.8	181.0	...	-	-
SWITZERLAND 10/	2.4	0.2	0.5	0.5	1.6	4.4	9.7	21.5	51.1	100.0	...	-
UNITED KINGDOM	21.8	0.2	0.5	0.9	1.8	4.4	12.5	34.1	78.8	161.2	221.7	135.1
YUGOSLAVIA	2.3	0.4	0.9	2.0	3.7	3.5	5.2	36.6	77.5	174.2	353.8	2 281.1
OCEANIA (1)	175.3	0.3	0.3	0.9	2.3	5.0	18.6	41.3	77.7	180.6	359.2	627.8
AMSPRALIA	175.3	0.3	0.3	0.9	2.3	5.0	18.6	41.3	77.7	180.6	359.2	627.8

1/ Temporary crops.
 2/ Excluding 50 000 ha in holdings with size not reported.
 3/ Farm households only.
 4/ Excluding market and kitchen gardens.
 5/ Excluding 71 315 ha in holdings with size not reported.
 6/ Excluding 374 ha under market and kitchen gardens.
 7/ Including area of home and stone fruits.
 8/ Excluding 800 302 ha of land with temporary crops associated with permanent crops or forest trees.
 9/ Including land under fruits and berries.
 10/ Excluding area under glass.

TABLE 4.6 - Arable land by land use groups

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total arable land	Under temporary crops	Under temporary meadows	Under market and kitchen gardens	Temporarily fallow	All other arable land
TOTAL (44)		351 754 430	250 389 906	45 343 149	5 233 995	38 061 662	11 715 718
AFRICA (5)		6 036 831	4 071 397	154 573	58 934	1 145 990	4 937
ALGERIA	1973	4 993 785	3 277 022	55 761	57 595	1 603 407	...
KENYA 1/	1974	477 600	301 600	97 300	...	78 703	...
LESOTHO	1970	372 257	323 535	...	189	38 382	4 151
REUNION	1972/73	45 373	40 865	1 512	1 150	1 060	786
SWAZILAND	1971/72	147 816	122 375	...	...	25 441	...
NORTH AND CENTRAL AMERICA (8)		25 398 222	11 302 703	4 975 559	16 034	9 053 987	49 939
BELIZE	1973/74	73 819	25 162	8 059	...	4 942	35 656
COSTA RICA	1973	283 309	140 983	...	3 256	124 787	14 283
DOMINICAN REPUBLIC	1971	826 590	513 634	89 673	12 778	205 505	...
EL SALVADOR	1970/71	468 436	381 776	...	...	106 660	...
HONDURAS	1974	1 413 013	395 056	877 666	...	140 291	...
JAMAICA	1968/69	183 614	179 902	...	...	13 912	...
MEXICO	1970	21 688 198	9 747 583	4 000 161	...	8 240 454	...
PANAMA	1971	431 043	213 607	...	...	217 436	...
SOUTH AMERICA (4)		13 098 708	6 192 980	1 417 780	61 950	4 714 372	711 626
COLOMBIA	1970/71	3 310 724	2 111 701	...	...	5 129 023	...
PERU	1971/72	3 143 385	1 378 995	...	...	723 316	436 077
URUGUAY	1970	1 903 371	1 035 247	413 463	61 950	292 706	...
VENEZUELA	1971	2 841 225	1 067 037	1 004 312	...	494 327	275 549
ASIA (9)		192 142 809	164 101 226	86 409	3 466 410	14 382 532	10 206 232
BAHRAIN	1973/74	506	305	...	261	...	...
INDIA	1970/71	143 693 000	134 933 060	...	...	9 257 000	4 503 060
INDONESIA	1973	2 943 938	5 573 620	...	3 441 126	938 592	...
IRAQ	1971	4 848 366	...	...	...	1 729 627	3 118 739
JAPAN	1970	4 373 406	4 182 361	84 696	...	106 349	...
JORDAN	1975	316 459	199 575	1 713	24 403	77 162	13 603
PAKISTAN	1972	18 286 025	15 005 130	...	...	1 319 413	1 963 483
PHILIPPINES	1971	4 644 254	3 891 982	...	...	752 272	...
SAUDI ARABIA, Kingdom of	1973/74	1 034 774	315 253	...	...	112 117	607 404
EUROPE (17)		71 343 660	54 388 100	12 308 029	1 630 667	2 273 881	742 984
CZECHOSLOVAKIA	1970	5 146 078	4 900 436	82 434	163 208	...	...
DENMARK	1970	2 937 487	2 928 754	...	6 959	1 774	...
FINLAND	1969/70	2 659 057	1 312 410	1 244 877	...	55 221	56 549
FRANCE	1970/71	15 086 464	11 669 515	3 931 377	125 072	360 500	...
GERMANY, Federal Republic of	1971	7 377 209	7 310 199	...	67 010	...	...

(continued)

See footnote at end of table.

TABLE 4.6 - Arable land by land use groups (cont'd)

Area: in hectares

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total arable land	Under temporary crops	Under temporary meadows	Under market and kitchen gardens	Temporarily fallow	All other arable land
<u>EUROPE</u> (cont'd)							
GREECE	1971	2 675 148	2 248 278	...	...	426 870	...
HUNGARY	1972	4 954 821	4 160 594	...	118 539	126 960	548 728
ITALY	1970	8 839 917	6 139 916	2 405 434	294 567	...	...
LUXEMBOURG	1970	64 602	49 128	13 541	374	1 559	...
MALTA	1968/69	13 885	12 053	...	...	1 832	...
NETHERLANDS	1970	821 426	647 071	48 250	118 010	8 095	...
NORWAY	1969	728 761	316 607	403 200	1 295	7 659	...
PORTUGAL	1968	2 479 138	1 501 250	140 481	106 213	663 301	67 893
SWEDEN	1971	3 028 418	1 912 141	1 026 422	...	75 846	14 009
SWITZERLAND	1969	367 723	242 986	106 751	7 279	...	10 707
UNITED KINGDOM	1970	7 128 968	4 495 795	2 307 371	228 115	97 687	...
YUGOSLAVIA	1969	6 024 558	4 540 967	597 890	394 026	446 577	45 098
<u>OCEANIA</u> (1)							
AUSTRALIA	1971	43 744 200	10 333 500	27 400 800	...	6 009 900	...
		43 744 200	10 333 500	27 400 800	...	6 009 900	...

1/ Large farms only.

5. LAND TENURE, LEGAL STATUS AND FRAGMENTATION

5.1 FAO classification of land tenure

Land tenure for census purposes describes the rights under which the holder controls and operates the holding. These rights specify, inter alia, whether the holder owns, rents or otherwise operates the holding or parts thereof and the conditions under which some forms of tenure are exercised. Land tenure of agricultural holdings affects the level and distribution of agricultural production, investment in agriculture and the efficiency of farming. The fragmentation of the holding into two or more parcels is often related to the land tenure situation. Information on land ownership as part of land tenure characteristics of holdings should be distinguished from information on land ownership or agricultural land and land owners as such. It is not practicable to collect the latter information from agricultural holders as defined for agricultural census purposes and has to be collected through special enquiries. Nevertheless, data on land ownership in holdings as a form of land tenure in agricultural censuses provide important information on ownership by agricultural holders from the operational side, i.e. in relation to those actually using the land in holdings. The following classification of land tenure and related definitions were recommended in the 1970 Programme:

1. Area owned or held in ownerlike possession. Area owned by the holder represents land in the holding over which the holder possesses title of ownership and hence has the right to determine both the kind and extent of use of land and has also the right to transfer the land to others. If these rights belong to other members of the holder's household, the related land is treated as owned by the holder. Area held in ownerlike possession refers to land in the holding which the holder, while not possessing the title of ownership, legally uses it without consideration of other interests and without interference from others and the holder always has complete economic responsibility for the use of the land. This includes land in the holding operated under perpetual lease, hereditary tenure, and under long-term leases usually ranging from 30 to 99 years, and the rent of which is sometimes only nominal. It also includes land which, without legal title of ownership nor of a long-term lease, has been peacefully and uninterruptedly operated by the holder for a period of over thirty years without payment of rent. Furthermore, it includes land operated under a system when a villager receives a plot, rent free, from tribal, ejidal or other communal land and retains it as long as he cultivates it by his own labour and that of his family without the right to sell or mortgage such land.

2. Area rented. Land in the holding which the holder uses under a rental agreement with the owner of the land is included in this category. The terms of agreement between the holder and the owner of the land vary greatly within and among countries. The agreement is usually for a short term but may be for a longer term; it may be written or oral. There are many variations in the way of paying rent depending on country practices. The 1970 Programme suggested further classification of rented land into six groups:

- (i) Area rented for a fixed amount of money;
- (ii) Area rented for a fixed amount of produce;
- (iii) Area rented for a fixed amount of money and some produce;
- (iv) Area rented for a share of the produce or its equivalent in money;
- (v) Area rented in exchange for services;
- (vi) Area operated under other forms of renting, including area operated gratuitously (rent free) and in right of usufructuary mortgages.

Rental arrangement for a share of produce means that the holder agrees to deliver to the landlord a share of the crops, livestock or livestock products or to pay the equivalent in money. The responsibility for operating the rented land may be shared (to a limited degree) by the holder with the landlord. Rental arrangements under which the area is rented in exchange for services includes cases when the holder is granted the use of land instead of wages. This is very often the case when agricultural labourers operate land received from the landlord in return for which they must work, unpaid, for a certain number of days per week and also when the holder operates land in part payment for services to an organization such as government, to the church or to others.

3. Area operated on a squatter basis. This refers to land in the holding operated by the holder without any right of use of the land and without the consent of the other, even though this may sometimes be tolerated by him. The holder does not pay rent and he keeps all the agricultural products of the land.

4. Area under tribal or traditional communal forms of tenure. The land under this form of tenure is held by a tribe, community, village or clan but the joint or communal exploitation of land is not the result of careful planning. This form of tenure prevails in many African countries where the title to the land is vested in the chief of the tribe and is of communal character. This title is not absolute; it is only usufructuary.

5. Area under other forms of tenure not included in the previous categories. This includes forms of tenure not falling under any of the preceding forms such as land operated under transitory forms of tenure including land operated by trustees, land assigned in some countries to members of collective agricultural holdings for individual use, land under inheritance proceedings, etc.

The area of land in the holding operated under each of the above mentioned forms of tenure should be reported separately. The 1970 Programme suggested two approaches for tabulation of data on tenure:

- (a) tenure of holding (holding approach); and
- (b) tenure of the land (area approach).

Under (a), holdings are classified according to whether they are operated under one single form of tenure or more than one (e.g. holdings owned, rented, or partly owned and partly rented, partly owned and partly occupied on a squatter basis, etc.). Under (b), holdings operated under more than one form of tenure are dissolved into their different land tenure components, showing the area owned, rented, operated by squatters, etc.

In this report available data on tenure of holdings are compiled in Tables 5.1 - 5.5, and commented in Section 5.2, while available data on tenure of land are compiled in Tables 5.6 - 5.10, and discussed in Section 5.3. It can be noted from the tables that many countries provided data relating to only one of the two approaches.

5.2 Number and area of holdings by tenure of holding

Table 5.1 contains data on the number and area of holdings in each of which all land is operated under a single form of land tenure for each of the five forms of tenure as well as for the category of holdings with more than one form of tenure for 46 countries for which data were available. Corresponding percentage distribution on number and area of holdings by tenure is shown in Table 5.2. In a number of countries where holdings were operated mostly under a single special traditional form of tenure data on tenure were not collected by the census. This was the situation in many African countries where holdings were usually operated under arrangements made by the tribe, community or village but no

information was obtained on the nature of these arrangements. Data on tenure for 46 countries presented in Table 5.1 encompass 120 million holdings or about 79 percent of the 152 million holdings in the 89 countries included in the report. The larger proportion of reporting holdings, about 77 percent, are located in countries in Asia.

Table 17 below summarizes available data on land tenure by economic groups of countries. The main characteristics of the tenure structure of agriculture in these 46 countries is that ownership and renting are by far the predominant forms of land tenure. Over 95 million of the 120 million holders, or about 79 percent of all holders in the 46 countries, operated only land they owned and holders who rent all the land they operate totalled more than 8 million tenants, or around 7 percent of all holders. All other single forms of tenure of holding such as holdings operated by squatters and holdings operated under tribal or communal forms are apparently of marginal importance accounting for a total of 4.4 million of holdings, less than 4 percent of all holdings in the 46 countries.

Table 17 - Holdings by tenure of holding, and by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Holdings reporting tenure (000)	Holdings operated under one tenure form			Holdings operated under more than one tenure form
		Owned by the holder or held in ownerlike possession	Rented from others	Under other single tenure form	
		..... Percent			
Total (46)	120 310	79.2	7.1	3.7	9.9
Developed countries (14)	14 924	66.7	9.9	-	23.4
Developing countries (32).....	105 386	81.0	6.7	4.2	8.1
Of which: MSA countries (5) ...	(75 278)	88.1	5.7	0.9	5.3
African region (4)	3 533	5.2	1.6	86.2	6.9
Latin American region (15)	8 585	60.7	17.2	15.4	6.6
Near East region (4)	232	88.1	7.1	0.2	4.6
Far East region (6)	93 029	85.8	5.9	-	8.2
Other developing countries (3)..	7	87.1	5.3	2.3	5.3

Table 17 shows also the extent of variation in tenure arrangements under which holdings were operated in groups of countries with different social and economic conditions. Available census data show that in developing countries out of 105 million holdings about 86 million holdings, or about 81 percent, were owned by the holder or held in ownerlike possession while the proportion of owned holdings in developed countries was much smaller, about 67 percent of all holdings. The proportion of holdings owned or held in ownerlike possession was highest in MSA countries; it comprised more than 88 percent of all holdings in these countries. The share of rented holdings was larger in developed countries, about 10 percent, than in developing countries where it was about 7 percent. This share varied between regions of developing countries, from about 1.6 percent in African region to 17.2 percent in countries of Latin America region.

There were 12 million holdings, or around 10 percent of all holdings, each of which operated under more than one tenure form. Nearly all these holdings comprised land owned and land rented from others. The operators of these holdings were mainly owners and tenants at the same time. Many holders classified in this group of tenure owned some land and resorted to renting additional land for increasing the size of their agricultural operation. These holdings had around 327 million ha of land or about 27 percent of total land of all holdings in 46 countries. This double form of tenure was widespread over European and North and Latin American countries and also in Asian countries.

Data on holdings and area in holdings operated by tribal and other communal system of tenure shown in Table 5.1 understate the extent of communal tenure of land. In many countries communal grazing land was not included in the census. In the 4 African countries for which data on tenure were available, land used for grazing, land left fallow and unused land usually was not allotted to individual holders or households and was retained under the control of the community of the tribal chiefs. Such land of the tribe, group or clan not allotted to individuals or households was not included in the census and consequently was not identified as land belonging to holdings operated by the community or tribe. This is in accordance with the 1970 Programme in the case of some types of communal grazing land and of shifting cultivation but the extent of deviation from the Programme recommendations is not known. Holdings operated on a squatter basis totalled more than 1.2 million. This figure also does not indicate the full extent of the operation of holdings by squatters, because a number of countries included the data for squatters under the category "area of the holding which is operated under other forms of tenure". Most of the holdings operated by squatters were reported from Latin American countries.

The holdings operated under different tenure forms differ in their average sizes. The average sizes were 7.7 ha for holdings owned by the holder or held in ownerlike possession, 2.6 ha for rented holdings, 24.1 ha for holdings operated by squatters and 27.3 for holdings operated under more than one tenure form. The interpretation of these differences should also take into consideration the distribution of countries for which data are available by continents and regions. The largest number of rented holdings were found in North and South American countries. The average size of rented holdings in North and Central America was around 111 ha and in countries of South America around 18.6 ha. In European countries the average size of rented holdings was rather small, 10.3 ha. The average size of holdings owned or held in ownerlike possession was again largest in North and Central American countries, 76.0 ha and in South American countries, 67.5 ha. Owned holdings in European countries were of 6.7 ha on an average and in countries of Asia 2.2 ha.

As already mentioned, around 80 percent of all holdings were operated fully by owners or held in ownerlike possession. The number of these holdings and their distribution by size for 42 countries are presented in Table 5.3. The data in this table indicate that a large proportion of holdings, 84 percent, belongs to the size group of less than 5 ha. In Asian countries more than half of all owned holdings were of less than 1 ha in size. Similarly, in three African countries about 44 percent of owned holdings was with land less than 1 ha. Relatively significant proportion of owned holdings in five South American countries, around 9 percent, was with land less than 1 ha.

Holdings rented from others represent around 7 percent of all holdings in the 46 countries for which data on tenure of holdings were available. The distribution of rented holdings by size of holding is shown for 31 countries in Table 5.4. Available data indicate that 38.6 percent of rented holdings were in the size class of less than 1 ha and about 80 percent in the classes of less than 5 ha. In eight Asian and five South American countries which also supplied data on number of owned holdings by size, the proportion of rented holdings with land less than 1 ha was respectively 46 and 18 percent.

Since the system of renting may be different in various countries and regions, data on holdings and area in holding rented from others classified by type of renting were assembled and presented in Table 5.5. The data on form of renting available only for 17 countries, indicate that the predominant form of land renting in most countries was rent paid in fixed amount of money or produce or both in four countries (United States, Colombia, Pakistan and Philippines). The most important form of renting (in terms of number of holdings) was for share of produce.

5.3 Area in holdings by tenure of land operated

Table 5.6 classifies the areas in holdings according to form of tenure of areas within the holdings for 49 countries for which the data were available. The percentage distribution of area in holdings by tenure for these countries is given in Table 5.7. Areas within holdings operated under the same form of tenure were aggregated for all reporting countries. Because a part of holdings in all countries are operated under mixed form of tenure, corresponding data on area of holdings classified by tenure of holding presented in Table 5.1 and on area in holdings classified by tenure of land shown in Table 5.6 differ, although they are normally highly correlated.

The data assembled in Table 5.6 for the 49 countries shows that more than 1 315 million ha of all land in holdings or about 76 percent was owned by the holders or held in ownerlike possession. Actually the area shown in Table 5.1 as area of holdings owned by the holder or held in ownerlike possession (61 percent of total) understates the magnitude of this category because a considerable part of the 327 million ha shown in Table 5.1 for the area of holdings operated under more than one tenure form was owned or held in ownerlike possession by the holder. Also, the data on land owned in Table 5.6 refer only to the ownership of land in the holdings which are actually operated by land owners. The areas of land outside the holding and owned by the holder and rented to and operated by other holders is not included. Thus, the total area of land owned by holders and rented in and outside their holdings may be considerably greater than the total owned land in agricultural holdings shown in Table 5.6.

The 286 million ha of land rented from others represented about 16 percent of the area of all holdings in the 49 countries. This area included not only the rented land operated by tenants in wholly rented holdings but also rented land in those holdings which are operated under more than one single tenure form (partly owned and partly rented, etc.). The largest proportion of rented land in holdings was in Malta about 88 percent, in Belgium about 71 percent, in Bahrain 62 percent, in New Zealand about 50 percent, in Netherlands and in France 48 percent, in Pakistan 46 percent, in Iraq and in the United Kingdom 41 percent and in the United States 37 percent.

Data on land owned or held in ownerlike possession by size of holding was assembled for 29 countries in Table 5.8. These data show that the major share of land owned by the holder was concentrated in the larger holdings with about 54 percent of land owned being in holdings with land area of 200 ha and over. On the other hand, the proportion of all land owned which was reported in small holdings with land area of less than 1 ha was only 0.6 percent in 29 countries as a whole. Even in Asian countries, where small holdings are numerous this share for the group of five reporting countries was only about 5 percent.

Available data on land rented by the holder from others classified by size of holding are given in Table 5.9 for 31 countries. It can be seen from these data that a considerable share (over 40 percent) of all rented land is found in holdings with land area of 200 ha and over, showing that in many countries rented holdings may be large.

Data on land rented from others, classified by form of renting, which was available for 18 countries is shown in Table 5.10. Of the 58 million ha of land rented in these 18 countries, 46 percent was rented with fixed rentals, 27 percent of area was rented for share of produce, very little percentage was rented in exchange for service. Out of the 27 percent of land classified as rented under other form of renting most of it was reported in France as a combination of all forms of renting except for share of produce which was reported separately.

5.4 Legal status of holder

The 1970 Programme suggested that information regarding the legal status of the holder should be obtained according to the following groupings of holdings:

1. Holdings operated by civil persons consisting of holdings operated by an individual, holdings operated by two or more persons who share the technical and economic responsibility for the operation of the holding without a legal contract and holdings operated jointly by two or more households without legal contract. It should be noted that when a single household operated a holding one individual in the household was to be designated as a holder.
2. Holdings operated by a corporation consisting of holdings operated by, or on behalf of, two or more persons who have a separate legal status as such without being a co-operative or a collective. Joint stock companies are examples of corporations.
3. Holdings operated by co-operative or consciously planned collective comprising respectively those holdings by a body constituted as a co-operative according to applicable legislation in the country or by a group of persons, not necessarily related by blood, who, voluntarily or by mandate of the governing authority, joined together to exercise land rights in common. Such collectives include "ejidos" of Mexico and other collectives of recent origin.
4. Government holdings comprising those operated by central or local government, either directly or through a special body.
5. Holdings operated by tribe or clan when operated jointly by the tribe, clan or parts thereof but excluding tribal land assigned to individuals.
6. Other holdings consisting of holdings operated by holders not belonging to any of the previous categories.

Data regarding the legal status of the holder were available for 41 countries and are presented in Table 5.11 and the corresponding percentage distribution in Table 5.12. Available data on number and area of holdings by size of holding were compiled in Tables 5.13 to 5.15 for holdings operated by civil persons, corporations and co-operatives. The data indicate that private individuals (one individual or household, two or more individuals or two or more households) operated about 99 percent of the 46 million holdings in 41 countries; 0.1 percent of all holdings were operated by various forms of co-operatives and consciously planned collectives; 0.5 percent of all holdings were operated by corporations, and 0.3 percent of all holdings were operated by government agencies and by other legal status forms, including holdings operated by tribes and in some countries those operated by certain types of co-operatives of recent origin which were not reported separately. Holdings operated by civil persons were generally much smaller in size than holdings operated under juridical persons and, therefore, distribution of area of holdings by legal status of holder gives a different picture from that of the corresponding number of

holdings. Holdings operated by civil persons include around 75 percent of the area in all reporting holdings; about 16 percent of the area was operated by corporations; little less than 6 percent of the area was operated by co-operatives, and less than 3 percent of the area was operated by government holdings and holdings with tribal or other legal status categories.

Table 18 below summarizes the data of Table 5.11 by economic groupings of countries and by regional groupings of developing countries. This table indicates that the legal status of holdings was quite similar between the two groups of developed and developing countries, but there was a notable difference in the case of the two MSA countries.

Table 18 - Holdings by legal status of holder, by economic groups of countries

Economic groups of countries (number of reporting countries is given in parenthesis)	Number of holdings reporting (000)	Legal status of holder				
		Civil person	Corpora- tion	Co-oper- atives	Govern- ment	Tribal and other forms
		..... Percent				
Total (41)	46 425	98.8	0.5	0.1	0.3	0.3
Developed countries (18)	16 033	98.9	0.4	0.1	0.1	0.5
Developing countries (23)	30 392	98.7	0.6	0.1	0.4	0.2
Of which: MSA countries (2)	(1 840)	92.3	0.1	0.1	5.6	2.1
African region (2)	2 659	98.7	0.9	0.2	-	0.2
Latin American region (12)	8 302	97.7	1.8	0.3	0.1	0.1
Near East region (6)	990	98.8	1.2	-	-	-
Far East region (3)	18 441	99.1	-	0.1	0.6	0.2

In MSA countries compared with the groups of developed and of developing countries, a relatively larger proportion of holdings was operated by government (about 6 percent) or by tribe or clan (about 2 percent) while holdings and area in holdings operated by civil persons accounted for around 92 percent, almost 7 percentage points smaller in proportion than in the group of developed countries and about 6 percentage points smaller than in the group of developing countries.

5.5 Hired managers

Data on number and area of holdings operated with the assistance of a hired manager, classified by size of holding are presented in Table 5.16. The 1970 Programme defined a hired manager as a person responsible for making day-to-day decisions and supervising others. In some countries a hired manager was considered as a holder of holding which he operated for the account of somebody else. Available data for the 14 countries have shown that more than 114 million ha of land in holdings in these countries were operated by hired

managers. They operate often large holdings with size of more than 200 ha. The largest holdings operated by hired managers in these countries were reported in the South American countries, about 335 ha on an average, followed by the North and Central American countries with size of holdings averaging 319 ha. In European countries, the average size of holdings operated by hired managers was relatively smaller, averaging 130 ha. The average size of holdings operated by managers in three Asian countries was 2.1 ha only, which was of the same order of magnitude as the corresponding average size of holding operated by the holder. The interpretation of these data is strictly limited to the 14 countries and does not necessarily reflect the prevailing situation in all reporting countries for which data are not available.

5.6 Fragmentation of holdings

One of the characteristics of organization of land in agricultural holdings in many countries is that the land is divided into numerous non-contiguous parcels. A parcel is defined by the 1970 Programme as all land in the holding entirely surrounded by land or water of other holdings or by land or water not forming part of any holding. The extent of fragmentation of land in holdings in many cases could limit the level of mechanization of agricultural work and rational implementation of advanced technology in agricultural production.

Data on number of parcels in holdings, available for 45 countries, are shown in Table 5.17. These countries had more than 39 million holdings consisting of 80 million parcels, or an average of 4.1 parcels per holding. The most fragmented holdings were encountered in eight European countries with an average number of parcels of about 6 per holding, followed by two South American countries (Peru and Suriname) averaging around 4 parcels per holding; 15 African countries averaging around 3 parcels per holding and nine Asian countries with the number of parcels per holding averaging 3. The relatively smallest fragmentation of land in holdings was reported in eight North and Central American countries with an average of less than 2 parcels per holding. About 40 percent of the total number of reporting holdings had 2 or 3 parcels per holding and holdings with 10 or more parcels comprised 2.9 percent of all holdings reporting. Only about 21 percent of the holdings were not fragmented. The average size of parcel for 45 countries was of 1.4 ha (in Europe 0.9 ha, in Asia 1.9 ha, in Africa 0.9 ha, in North and Central America 4.3 ha, and in South America 5 ha).

Data on average number of parcels per holding classified by size of holding were available for 22 countries and are shown in Table 5.18. These data show that although the number of parcels is generally increasing with size of holdings this is not so in all countries. Thus, the most fragmented holdings in Peru are those in the class 2-5 ha and in Hungary in the class 5-10 ha.

TABLE 5.1 - Number and area of holdings by tenure of holdings

Countries by continents (number of reporting countries is given in parenthesis)	All holdings		Owned by the holder or in communita possession		Rented from others		By squatter		Under tribal or com- munal tenure forms		Under other single form		Holdings operated under more than one tenure form		Holdings without land
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	
TOTAL (46)	120 417 368	202 381 846	95 374 575	34 981 575	8 539 096	107 964 356	1 213 477	89 211 673	3 046 033	1 103 584	151 493	2 070 309	11 985 853	27 050 349	106 852
AFRICA (4)	3 541 316	1 642 454	183 088	151 516	57 057	50 111	70 633	91 436	2 976 733	671 896	...	...	245 910	471 505	7 895
CAMEROON	925 895	1 489 778	21 874	36 501	48 247	39 602	69 449	91 436	550 840	871 896	...	...	235 491	450 343	...
EGYPT	39 111	46 289	18 043	24 763	8 816	10 509	...	...	...	...	...	...	4 357	11 020	7 895
ETHIOPIA	38 808	106 397	33 399	90 255	...	...	1 184	...	2 425 893	...	...	...	5 409	16 142	...
SENEGAL	2 537 502	...	109 772	...	...	...	...	...	...	...	...	...	653	...	...
AMERICA (11)	4 167 828	5 608 911	3 611	2 494 079	89 615 259	540 519	136 463	933 114	17 018	10 290	27 596	100 286	904 478	307 575	47 675
CANADA	366 128	68 653	191	251 066	30 896 030	19 200	3 839 474	...	...	...	...	...	98 862	34 127 987	...
COSTA RICA	81 562	3 122 456	...	69 568	2 835 080	3 821	37 993	...	...	...	...	...	7 908	243 494	...
DOMINICAN REPUBLIC	304 820	...	...	186 761	...	30 861	...	61 089	...	...	...	...	63 360	...	...
EL SALVADOR	318 041	1 451 594	112 422	1 119 279	76 256	104 682	...	...	17 018	10 290	20 996	74 509	44 176	143 214	47 173
GUATEMALA	22 577	62 465	10 518	34 485	4 321	5 940	...	...	2 143	...	...	...	5 595	20 125	...
HONDURAS	195 341	2 629 859	129 322	2 228 218	44 054	140 387	...	...	...	...	...	...	19 445	242 001	...
PANAMA	105 272	2 088 062	12 902	545 414	4 671	73 961	75 394	933 114	...	...	...	...	12 301	545 573	...
PUERTO RICO	32 687	524 575	27 954	329 081	3 394	54 233	...	...	...	...	...	...	2 339	141 251	...
ST. LUCIA	10 938	39 138	7 563	26 979	2 007	5 899	...	...	...	...	...	...	872	1 330	502
UNITED STATES	2 730 250	430 351 437	1 705 130	151 794 463	352 928	55 686 833	...	...	...	...	...	...	671 507	222 840 141	...
VIRGIN ISLANDS	212	6 284	187	...	...	...	...	...	...	...	...	...	...	3 345	...
SOUTH AMERICA (6)	7 564 629	391 690 498	4 610	793 315	817 434	1 308 284	24 353 409	1 005 409	28 182 827	52 480	215 725	1 804 802	429 542	21 316 501	3 643
BRAZIL	4 924 019	294 145 466	2 575 372	42 873 710	1 066 595	17 940 833	811 338	21 191 265	...	...	...	...	130 804	12 124 658	...
CHILE	1 176 811	30 993 190	808 778	23 121 855	156 534	1 629 980	47 901	2 933 182	...	...	...	...	81 123	1 912 704	...
PERU	171 082	23 470 145	673 068	19 264 400	93 618	1 255 420	59 090	599 827	52 180	215 725	...	...	194 368	2 135 671	...
SURINAME	16 078	93 833	3 245	41 128	7 954	20 570	...	...	2 802	8 844	...	...	2 070	23 191	7
URUGUAY	271 163	16 517 730	45 205	8 700 215	17 668	3 149 218	4 233	174 984	...	...	...	...	10 057	4 493 313	...
VENEZUELA	287 919	26 470 134	173 124	21 816 166	15 998	548 288	82 847	3 277 569	...	...	...	...	9 115	687 578	3 616
ASIA (10)	93 286 414	269 621 599	80 005	802 276 035	974	5 532 354	12 281 891	935	4 047	102	5 673	164 878	7 685	255 129 086	24 969
BAHRAIN	855	3 702	316	1 385	528	2 248	...	...	...	...	...	...	13	69	...
INDONESIA	170 123 000	161 500 000	64 222 000	47 699 000	2 838 000	3 950 000	...	...	...	...	...	...	2 763 000	9 851 000	...
JAPAN	14 375 343	16 393 826	10 747 835	12 483 946	456 641	347 018	...	...	...	...	...	...	3 170 621	3 523 312	...
KOREA, Republic of	390 403	37 355	283 707	8 278	47 527	142 880	...	...	...	...	...	...	54	53 732	...
PHILIPPINES	2 421 420	2 117 608	1 596 466	1 398 700	229 038	142 880	...	...	...	...	...	...	575 763	576 566	20 512
AUSTRALIA (12)	449	2 726	320	2 551	123	165	...	...	...	...	...	...	...	10	...
PAKISTAN	1971/73	2/19 854	311	5 668 618	7 850 581	296 468	5 668 176	...	...	...	...	...	...	6 135 154	...
PHILIPPINES	1971	2 352 011	8 147 493	1 364 990	5 345 429	681 658	1 746 455	...	...	...	...	...	...	950 841	...
SAUDI ARABIA, Kingdom of	1973/74	1 211 530	166 752	970 215	7 654	178 022	...	...	...	...	...	...	...	58 400	...
SINGAPORE	1973	15 741	...	1 172	...	13 973	...	...	...	...	...	...	...	...	...
EUROPE (12)	11 890 300	90 461 479	8 006 806	53 315 923	1 160 517	11 330 206	...	...	...	...	...	...	2 720 301	25 815 350	22 676
AUSTRIA	362 216	6 680 868	254 421	5 161 231	6 796	62 465	...	...	...	...	...	...	91 065	1 457 190	...
BELGIUM	179 462	1 540 308	56 977	109 018	42 812	427 456	...	...	...	...	...	...	86 366	1 003 830	...
FRANCE	1 581 447	...	658 704	...	232 559	...	...	...	...	...	...	...	696 184	...	...
FRANCE, Federal Republic of	1 087 755	12 616 257	424 835	3 764 151	11 971	128 355	...	...	...	...	...	...	567 245	7 723 721	3 578
GERMANY	3 607 262	25 064 218	2 536 533	19 190 981	241 924	1 903 428	...	...	...	...	...	...	410 748	4 049 849	16 061
ITALY	10 803	15 899	1 014	689	7 942	10 832	...	...	...	...	...	...	1 762	4 378	89
JAPAN	10/181 119	2 142 597	66 831	597 642	40 833	575 576	...	...	...	...	...	...	71 355	969 319	...
NORWAY	154 977	...	122 147	9 412	...	...	...	...	...	...	...	...	23 418	...	...
POLAND	3 398 559	16 418 552	2 659 592	12 655 562	198 830	369 664	...	...	...	...	...	...	510 537	3 393 126	...
PORTUGAL	811 656	4 974 157	522 755	2 900 401	138 255	691 229	...	...	...	...	...	...	147 794	1 382 527	2 952
SPAIN	161 946	3 016 323	97 038	1 212 326	19 416	625 256	...	...	...	...	...	...	45 490	1 178 739	...
SWEDEN	326 698	17 992 312	165 559	1 803 940	89 822	5 535 741	...	...	...	...	...	...	60 317	4 652 631	...
UNITED KINGDOM	6 901	54 445	6 010	45 459	367	4 202	4 202	199	...	...	...	...	367	4 332	...
AMERICA (3)	1 923	4 212	1 595	3 541	267	490	...	...	...	...	...	...	61	101	...
AMERICAN SAMOA	1 121	10 586	9 850	47	47	222	...	...	...	...	...	...	120	243	...
GUAM	3 857	39 647	3 502	32 078	53	3 490	...	...	...	...	...	...	302	4 079	...

1/ Data refers to agricultural area. 2/ Data refers to subistence sector. 3/ Excluding 308 238 holdings not classified by tenure. 4/ Excluding 370 000 holdings not classified by tenure. 5/ Excluding 252 holdings not reported and 59 089 ha in Government holdings. 6/ Excluding 2 458 holdings and 346 242 ha not reported by tenure. 7/ Excluding 317 holdings and 1 932 ha not reported. 8/ Predominant forms of tenure. 9/ Excluding 190 holdings not reported by tenure. 10/ Excluding 3 494 holdings not reported by tenure. 11/ Data refer to arable area of holdings with 2 ha or more of arable area.

TABLE 5.2 - Percent distribution on number and area of holdings by tenure

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings		Holdings operated under one form of tenure								Holdings operated under more than one tenure form		Holdings without land	
		Number	Area	Owned by the holder in ownable possession	Rented from others		By squatter		Under tribal or communal tenure forms		Under other single form		Number		Area
					Number	Area	Number	Area	Number	Area	Number	Area			
TOTAL (46)		100.0	100.0	79.2	61.1	7.1	9.0	1.0	2.4	2.5	0.1	0.1	0.2	27.2	0.1
AFRICA (4)		100.0	100.0	5.2	9.2	1.6	3.0	2.0	5.6	84.1	53.1	...	...	29.1	0.2
CAMEROON	1972/73	100.0	100.0	2.4	2.5	5.2	2.7	7.5	6.1	59.5	58.5	...	...	30.2	...
REUNION 1/	1972/73	100.0	100.0	45.1	53.5	22.6	22.7	...	...	...	...	...	...	23.8	35.2
SWAZILAND 2/	1971/72	100.0	100.0	86.1	84.8	...	...	...	...	...	...	...	...	15.2	...
ZAMBIA	1970	100.0	...	4.3	...	...	...	...	...	95.5	...	...	...	...	...
NORTH AND CENTRAL AMERICA (11)		100.0	100.0	59.8	37.2	13.0	11.8	3.3	0.1	0.4	-	0.7	-	50.7	1.1
CANADA	1971	100.0	100.0	68.6	44.7	5.2	5.6	...	...	...	...	...	...	26.2	...
COSTA RICA	1973	100.0	100.0	85.4	90.8	4.7	1.2	...	...	...	...	0.2	0.2	49.7	...
DOMINICAN REPUBLIC	1971	100.0	...	54.7	...	10.1	...	20.0	...	...	...	0.5	...	7.8	...
EL SALVADOR	1970/71	100.0	100.0	35.3	77.1	24.0	7.2	...	...	5.4	0.7	6.6	5.1	13.9	14.9
GUADALOUPE 1/	1970	100.0	100.0	46.6	55.2	19.1	9.5	...	...	...	...	9.5	3.1	24.8	...
HONDURAS	1974	100.0	100.0	66.2	84.7	22.6	5.3	...	...	...	...	1.3	0.7	10.0	...
PANAMA	1971	100.0	100.0	12.3	26.0	4.4	3.5	7.6	44.5	...	...	...	...	11.7	...
PUEERTO RICO	1970	100.0	100.0	85.5	62.7	7.3	10.3	...	...	...	...	...	...	7.2	...
SA. LUCIA	1973/74	100.0	100.0	69.2	92.6	18.3	2.8	...	...	...	...	...	...	0.0	...
UNITED STATES	1969	100.0	100.0	35.3	...	12.9	12.9	...	...	...	...	...	...	24.6	...
VIRGIN ISLANDS	1970	100.0	100.0	83.2	56.9	8.0	2.7	...	...	...	...	...	...	3.6	...
SOUTH AMERICA (6)		100.0	100.0	61.8	80.6	17.3	6.2	13.3	7.1	0.7	0.1	1.1	0.5	5.7	-
BRAZIL	1970	100.0	100.0	60.4	82.6	20.4	6.1	15.5	7.2	...	...	...	...	2.7	...
COLOMBIA	1970/71	100.0	100.0	68.7	74.6	11.1	5.1	4.0	9.5	...	...	6.0	4.5	7.1	...
PERU	1971/72	100.0	100.0	62.2	82.1	8.6	4.5	5.5	2.6	4.8	0.9	1.0	0.8	18.0	...
SURINAME	1969	100.0	100.0	26.2	43.3	49.5	22.0	...	...	...	...	17.4	9.4	12.9	...
URUGUAY	1970	100.0	100.0	58.6	52.7	22.9	19.0	5.5	1.1	...	...	...	...	13.0	...
VENEZUELA	1971	100.0	100.0	60.1	82.4	5.6	2.1	28.8	12.4	...	...	1.1	0.8	3.2	7.3
ASIA (10)		100.0	100.0	85.8	83.9	5.9	5.9	-	-	-	-	-	0.1	8.2	-
BAHRAIN	1973/74	100.0	100.0	37.0	37.4	61.5	60.7	...	...	...	...	...	...	1.5	...
INDIA	1970/71	100.0	100.0	92.0	91.5	4.0	2.4	...	...	...	...	...	...	4.0	...
INDONESIA	1973	100.0	100.0	74.3	76.2	3.2	2.1	...	...	...	...	...	...	22.0	...
JORDAN	1975	100.0	100.0	67.3	72.7	14.9	12.0	0.6	1.0	-	0.2	0.1	0.1	8.5	8.6
KOREA, Republic of	1970	100.0	100.0	65.9	56.1	9.5	6.7	...	...	...	...	...	...	23.8	0.0
KUWAIT	1970	100.0	100.0	75.1	93.6	26.7	6.0	...	...	...	...	...	...	0.2	...
PAKISTAN	1971/73	100.0	100.0	41.7	39.5	34.5	29.6	...	...	...	...	...	...	30.9	...
PHILIPPINES 6/	1971	100.0	100.0	58.0	65.5	29.0	21.4	...	...	...	...	1.5	1.5	11.4	...
SAUDI ARABIA, Kingdom of 1/	1973/74	100.0	100.0	92.5	80.1	4.2	14.7	...	...	-	0.4	...	...	3.3	...
SINGAPORE 8/	1973	100.0	...	7.4	...	88.8	...	3.8	...	...	...	...	...	...	...

For footnotes see table 5.1.

(continued)

TABLE 5.2 - Percent distribution on number and area of holdings by tenure (cont'd)

Countries by continents (number of reporting countries is given in parentheses)	Census year	All holdings		Holdings operated under one form of tenure										Holdings operated under more than one tenure form		Holdings without land
		Number	Area	Owned by the holder or in organizational possession	Hired or in share		By squatter	Under tribal or communal tenure forms		Under other single form	Number	Area	Number	Area		
					Number	Area		Number	Area						Number		Area
EUROPE (12)		100.0	100.0	67.6	56.9	3.3	12.5	...	...	...	...	...	...	23.0	28.6	0.1
AUSTRIA	1970	100.0	100.0	73.0	77.3	1.9	0.3	...	...	...	...	...	...	25.1	21.6	...
BELGIUM	1970	100.0	100.0	26.0	7.1	23.9	27.8	...	...	...	...	...	...	48.1	69.1	...
FRANCE (1)	1970/71	100.0	...	41.5	...	14.5	...	...	...	...	...	...	...	43.9	...	...
GERMANY, Fed Rep of	1971	100.0	100.0	33.3	29.8	6.7	9.3	...	...	...	...	...	...	53.1	61.2	0.3
ITALY	1970	100.0	100.0	81.5	76.2	6.7	7.5	...	...	...	...	...	...	11.4	16.2	0.4
MALTA	1968/69	100.0	100.0	9.1	4.3	73.3	68.1	...	...	...	...	...	...	16.5	27.6	0.8
NETHERLANDS	1970/71	100.0	100.0	38.1	27.5	22.5	26.9	...	...	...	...	...	...	39.4	45.2	...
NORWAY	1969	100.0	...	78.8	...	3.1	...	...	...	...	...	...	...	15.1	...	...
POLAND	1970	100.0	100.0	72.1	77.1	5.8	2.2	...	...	...	...	...	...	15.0	20.7	...
PORTUGAL	1968	100.0	100.0	64.4	58.3	17.0	13.9	...	...	...	...	...	...	18.2	27.8	0.4
SWEDEN (1)	1971	100.0	100.0	60.0	48.2	12.0	20.7	...	...	...	...	...	...	28.0	39.1	...
UNITED KINGDOM	1970	100.0	100.0	51.6	43.4	27.5	30.8	...	...	...	...	...	...	20.9	25.6	...
OCCEANIA (3)		100.0	100.0	87.1	83.3	5.3	7.7	...	...	...	...	...	...	5.3	8.0	...
AMERICAN SAMOA	1970	100.0	100.0	83.0	84.1	13.9	11.6	...	...	...	...	...	...	3.1	4.3	...
GUAM	1970	100.0	100.0	84.4	91.0	4.2	2.1	...	...	...	...	...	...	0.4	0.7	...
PACIFIC ISLANDS (TRUST TERRITORY)	1970	100.0	100.0	96.9	80.9	1.4	6.8	...	...	...	...	...	...	7.6	10.3	...

For footnotes see table 5.1

TABLE 5.3 - Number of holdings owned by the holder or held in ownerlike possession, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings	Under 1 ha	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
TOTAL (42)		94 419 576	44 618 320	17 346 930	17 319 220	7 529 078	3 931 240	1 996 702	851 524	448 068	237 742	80 346	54 406
AFRICA (3)		161 214	70 778	46 538	37 336	5 633	242	78	104	229	90	61	125
REUNION	1972/73	18 043	14 705	1 580	1 030	728	...	...	...	...	...	...	...
SWAZILAND	1971/72	33 399	9 234	20 042	4 123	...	...	...	...	...	...	...	...
ZAIRE	1970	109 772	46 839	44 958	16 264	782	242	78	104	229	90	61	125
NORTH AND CENTRAL AMERICA (11)		1 646 957	111 701	190 771	126 720	45 200	162 934	292 665	368 075	214 283	90 823	30 570	13 215
CANADA	1971	251 066	3 576	9 237	9 237	7 555	33 538	11 180	105 461	64 287	27 460	7 557	...
COSTA	1973	69 660	16 893	135 771	10 325	7 555	7 558	...	5 281	2 669	1 756	458	271
DOMINICAN REPUBLIC	1971	166 761	30 990	19 422	24 364	11 710	7 635	6 148	1 975	968	531	122	53
EL SALVADOR	1970/71	112 422	39 494	2 838	2 631	729	...	...	...	...	...	...	...
GUATEMALA	1970	10 518	4 320	2 838	2 631	729	...	...	...	...	...	...	...
HONDURAS	1974	129 322	14 072	18 871	36 070	93 087	16 614	13 528	3 957	1 750	972	251	150
PANAMA	1971	12 906	2 256	1 593	1 504	1 673	1 739	2 115	1 021	461	297	83	65
PUERTO RICO 1/	1970	5 431	46	668	1 106	...	1 643	829	618	311	160	54	...
ST. LUCIA	1973/74	7 563	...	5 895	966	424	159	55	19	26	19	...	...
UNITED STATES 2/	1969	881 121	...	...	40 365	...	94 025	258 799	249 793	143 805	59 625	22 033	12 616
VIRGIN ISLANDS (U.S.)	1970	187	54	...	52	22	23	15	10	6	3	2	...
SOUTH AMERICA (5)		4 633 057	420 304	449 395	822 169	660 700	726 216	792 903	334 242	197 183	140 894	48 736	40 315
BRASIL	1970	2 974 842	107 408	153 378	410 777	428 653	568 556	668 046	280 631	166 295	118 967	40 366	31 855
COLOMBIA	1970/71	808 179	191 674	114 888	163 578	109 155	81 573	72 910	35 355	20 308	12 836	3 969	2 523
PERU	1971/72	673 068	112 935	163 662	295 945	91 798	48 179	30 601	8 768	4 884	3 117	1 295	1 884
SURINAM	1969	3 245	576	721	1 130	465	207	94	11	10	12	10	9
VENEZUELA	1971	173 123	7 711	16 746	40 739	30 629	27 701	21 252	9 467	5 776	5 962	3 096	4 044
ASIA (8)		79 965 932	42 008 135	15 429 391	14 283 476	5 428 597	2 220 152	578 701	76 403	1 077	...	...	...
BAHRAIN	1973/74	316	80	70	93	45	17	9	2	...	...	...	...
INDIA	1970/71	64 522 000	32 837 000	12 169 000	12 179 000	4 811 000	1 949 000	516 000	61 000	...	...	...	...
INDONESIA 2/	1973	10 746 522	7 493 808	1 939 024	1 059 540	182 777	71 373	...	...	...	...	...	...
KOREA, Republic of	1970	1 596 405	1 074 977	407 769	113 640	...	...	...	...	...	...	...	...
KUWAIT	1970	328	139	45	33	42	37	19	13	1	...	...	...
PAKISTAN	1971/73	1 568 618	363 748	286 504	499 168	247 782	110 980	50 285	10 151	...	...	...	...
PHILIPPINES	1971	1 364 990	173 121	591 998	341 441	170 678	77 601	6 530	3 621	...	...	...	...
SAUDI ARABIA, Kingdom of	1973/74	165 752	65 242	34 981	30 561	16 273	11 144	5 859	1 616	1 076	...	...	...
EUROPE (12)		8 006 806	2 005 906	1 229 675	2 107 772	1 388 055	827 321	332 146	72 970	35 296	5 935	979	751
AUSTRIA	1970	264 421	28 977	33 253	54 067	43 724	47 904	42 832	8 927	3 097	1 640	...	...
BELGIUM	1970	50 277	31 782	6 532	6 393	3 297	1 731	453	68	21	...	...	...
NETHERLANDS	1970/71	658 704	135 168	83 768	123 955	113 355	111 457	73 035	13 575	4 371	...	...	...
GERMANY, Fed Rep of	1971	424 835	42 414	91 556	107 586	68 077	62 256	46 400	5 669	877	...	...	...
ITALY	1970	2 938 533	1 028 988	574 283	799 300	349 054	169 500	72 991	18 649	15 768	...	...	...

(Continued)

See footnotes at end of table.

TABLE 5.3 - Number of holdings owned by the holder or held in ownerlike possession, by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings	Under 1 ha	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
EUROPE (cont'd)													
MALTA	1968/69	1 014	858	105	44	5	2	***	***	***	***	***	***
NETHERLANDS	1970	68 931	11 786	9 013	12 880	14 366	14 493	5 814	489	90	***	***	***
NORWAY	1969	122 147	***	29 827	46 478	30 962	11 227	3 370	283	***	***	***	***
POLAND 4/	1970	2 689 592	517 469	378 313	792 346	713 791	259 916	26 950	807	***	***	***	***
PORTUGAL	1968	522 755	197 710	***	203 565	***	103 529	12 499	2 976	1 240	748	288	209
SWEDEN	1971	97 038	***	11 246	25 888	27 253	18 400	11 384	2 079	788	***	***	***
UNITED KINGDOM	1970	168 559	10 754	11 759	25 270	24 171	26 915	36 418	19 448	9 044	3 547	691	542
OCEANIA (3)		6 010	1 496	1 160	1 747	693	375	209	130	***	***	***	***
AMERICAN SAMOA	1970	1 595	802	***	645	60	80	5	3	***	***	***	***
GUAM	1970	913	464	261	72	49	32	20	15	***	***	***	***
PACIFIC ISLANDS (TRUST TERRITORY)	1970	3 502	230	899	1 030	784	263	184	112	***	***	***	***

1/ Holdings with sales of \$1 200 and over. 2/ Holdings with sales of \$2 500 and over. 3/ Excluding estates. 4/ Private sector.

TABLE 5.4 - Number of holdings rented from others, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings rented from others	Under 1 ha	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
TOTAL (31)	1970	7 896 803	3 044 641	1 408 647	1 905 092	770 731	382 107	248 451	72 764	41 355	15 245	3 179	4 591
AFRICA (1)	1970	8 816	5 050	2 045	1 450	271	...	-	-	-	-	-	-
REUNION	1972/73	8 816	5 050	2 045	1 450	271	...	-	-	-	-	-	-
NORTH AND CENTRAL AMERICA (5)	1970	133 123	73 196	37 053	17 119	2 735	1 349	1 053	291	178	100	32	17
COSTA RICA	1973	3 821	1 495	800	901	218	161	137	51	30	18	6	4
EL SALVADOR	1970/71	76 256	50 574	18 430	6 161	567	216	176	50	43	36	3	-
GUADELOUPE	1970	4 321	1 896	1 546	808	71	...	-	-	-	-	-	-
HONDURAS	1974	44 054	18 138	14 560	8 187	1 608	768	545	132	75	21	12	8
PANAMA	1971	4 671	1 093	1 717	1 062	271	204	195	58	30	25	11	5
SOUTH AMERICA (5)	1970	1 290 615	227 527	239 490	356 208	206 647	123 198	70 024	25 336	23 762	11 824	2 447	4 152
BRAZIL	1970	1 006 505	167 134	180 587	274 964	168 151	101 004	56 381	20 594	21 293	10 409	2 053	3 935
COLOMBIA	1970/71	166 539	42 161	33 424	43 055	20 881	13 076	8 601	3 101	1 282	699	183	76
PERU	1971/72	93 619	15 263	20 847	30 357	14 686	7 287	3 277	725	681	340	86	70
SURINAME	1969	7 954	1 946	2 360	2 922	582	82	59	-	-	3	...	-
VENEZUELA	1971	15 998	1 023	2 272	4 910	2 347	1 749	1 706	915	506	373	125	71
ASIA (3)	1970	5 509 809	2 518 087	1 013 033	1 378 280	448 995	122 215	26 965	1 807	427	...	-	-
BAHRAIN	1973/74	526	85	104	192	93	45	7	...	-	-	-	-
INDIA	1970/71	2 838 000	1 704 000	570 000	418 000	107 000	32 000	6 000	1 000	...	-	-	-
INDONESIA 1/	1973	456 346	393 658	48 241	12 559	1 499	389	...	-	-	-	-	-
KOREA, Republic of	1970	229 039	186 303	36 501	6 235	...	-	...	-	-	-	-	-
KUWAIT	1970	120	79	16	20	3	2	...	-	-	-	-	-
PAKISTAN	1971/73	1 296 468	126 011	157 802	620 561	295 685	78 798	17 611	...	...	-	-	-
PHILIPPINES	1971	681 658	105 371	199 062	319 328	43 990	10 466	2 917	524	...	-	-	-
SAUDI ARABIA, Kingdom of	1973/74	7 652	2 580	1 307	1 385	725	515	430	283	427	...	-	-
EUROPE (10)	1970	954 340	220 746	116 999	152 027	112 067	135 342	150 403	45 325	16 988	3 321	700	422
AUSTRIA	1970	6 726	1 105	1 265	1 803	1 048	821	507	119	29	29	...	-
BELGIUM	1970	42 819	9 737	3 638	6 769	8 082	8 734	4 911	813	135	...	...	-
FRANCE	1970/71	232 559	12 007	10 289	22 293	31 246	57 330	75 019	19 500	4 875	...	...	-
GERMANY, Federal Republic of	1971	71 997	3 669	9 055	13 765	11 312	14 922	15 949	2 635	690	...	...	-
ITALY	1970	241 924	83 960	44 418	48 107	25 660	19 684	13 821	4 074	2 200	...	...	-
NETHERLANDS	1970	40 833	4 185	2 861	5 412	6 576	11 171	9 788	775	45	...	...	-
NORWAY	1969	9 412	...	2 002	3 045	1 348	1 348	655	46	...	...	...	-
POLAND	1970	198 830	103 316	38 541	38 349	13 536	4 779	309	...	...	...	...	-
SWEDEN	1971	19 418	...	421	1 826	3 022	4 338	6 513	2 407	891	...	...	-
UNITED KINGDOM	1970	89 822	2 767	4 489	10 658	9 269	12 215	22 931	14 956	8 123	3 292	700	422
OCEANIA (2)	1970	100	35	27	8	16	3	6	5	...	-	-	-
GUAM	1970	47	22	14	2	4	2	2	1	...	-	-	-
PACIFIC ISLANDS (TRUST TERRITORY)	1970	53	13	13	6	12	1	4	4	...	-	-	-

1/ Data refer to farm households only.

TABLE 5-5 - Number and area of rented holdings by form of renting

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All rented holdings		Fixed amount of money				Fixed amount of produce				Fixed amount of money and produce				Shares of produce				Exchange for services		Other forms	
		Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)
TOTAL (17)		1 701 933	65 625 070	134 167	18 091 019	98 078	188 134	174 517	11 992 703	832 170	23 662 120	52 287	194 520	500 774	11 496 576								
AFRICA (1)		48 241	39 602	15 003	17 321	6 235	5 108	1 323	1 662	-	-	-	-	25 680	15 511								
CAMEROON	1972/73	48 241	39 602	15 003	17 321	6 235	5 108	1 323	1 662	-	-	-	-	25 680	15 511								
NORTH AND CENTRAL AMERICA (5)		386 550	51 384 218	103 888	18 022 932	36 890	19 688	41 871	7 763 173	116 693	16 147 723	2 248	1 546	84 960	9 429 136								
COSTA RICA	1973	3 821	37 993	1 474	24 926	-	-	-	-	359	3 562	-	-	1 988	9 505								
DOMINICAN REPUBLIC	1971	30 861	-	5 121	-	14 735	-	1 541	-	-	-	-	-	9 464	-								
EL SALVADOR	1970/71	76 256	104 662	44 434	73 897	22 155	19 688	1 977	2 608	1 860	1 966	2 248	1 546	3 582	4 957								
GUADALUPE	1970	4 321	5 940	868	-	-	-	-	-	3 499	4 979	-	-	-	-								
UNITED STATES 1/	1969	271 291	51 235 623	52 033	17 923 168	-	-	38 353	7 760 565	110 979	16 137 216	-	-	69 926	9 414 674								
SOUTH AMERICA (3)		277 926	5 834 618	-	-	-	-	15 086	2 933 699	100 426	951 930	49 994	192 785	112 320	1 756 203								
COLOMBIA	1970/71	166 539	1 629 980	-	-	-	-	-	-	98 114	804 545	-	-	88 465	825 435								
PERU	1971/72	93 679	1 055 420	-	-	-	-	-	-	-	-	-	-	43 655	682 634								
URUGUAY	1970	17 668	3 149 218	-	-	-	-	15 086	2 933 699	2 312	147 385	49 994	192 786	270	68 134								
ASIA (5)		690 580	7 664 571	7 341	39 963	54 963	163 338	429	715 262	570 838	6 474 192	45	188	56 974	271 638								
BHARAIN	1973/74	526	2 248	465	1 929	9	57	19	126	5	39	28	97	-	-								
JORDAN	1975	8 276	47 547	1 098	4 223	5 071	34 952	410	2 767	1 556	5 024	17	91	124	470								
KUWAIT	1970	120	165	98	113	9	27	-	-	-	-	-	-	13	25								
PAKISTAN	1971/72/73	-	5 868 176	-	-	-	-	-	742 369	-	-	-	-	-	-								
PHILIPPINES	1971	681 658	1 746 455	5 660	33 688	49 864	128 302	-	-	569 277	1 384 732	-	-	56 837	199 733								
EUROPE (3)		378 736	702 061	7 875	10 793	-	-	115 868	578 907	34 213	88 275	-	-	220 840	24 086								
FRANCE	1970/71	232 559	-	-	-	-	-	-	-	15 807	-	-	-	216 752	-								
ITALY	1968/69	7 922	10 832	7 875	10 793	-	-	-	-	-	-	-	-	47	39								
PORTUGAL	1968	138 255	691 229	-	-	-	-	115 868	578 907	18 406	88 275	-	-	4 041	24 047								

1/ Holdings with sales of US \$2 500 and over.

TABLE 5.6 - Area in holdings by tenure

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Area of holdings	Area owned or in ownerlike possession	Total area rented from others	Area operated by squatters	Area operated by tribal or communal tenure form	Area operated under other forms
TOTAL (49)		1 734 714 739	1 315 687 462	286 313 566	33 975 837	72 016 764	26 721 110
AFRICA (6)		3 020 173	777 313	170 039	178 103	1 833 453	61 265
CAMEROON	1972/73	1 489 777	57 952	111 323	170 934	1 149 568	...
CENTRAL AFRICAN REPUBLIC	1973/74	491 465	880	276	4 672	485 637	...
LIBERIA	1971	365 673	146 046	...	...	158 513	61 114
REUNION 1/	1972/73	46 289	28 294	17 995	...	...	...
SIERRA LEONE	1970/71	520 572	445 405	32 784	2 497	39 735	151
SWAZILAND	1971/72	106 397	98 736	7 661	...	...	...
NORTH AND CENTRAL AMERICA (10)		649 081 064	388 956 465	184 282 213	3 117 360	69 734 392	2 990 634
BELIZE	1973	232 519	176 148	56 371	...	...	...
CANADA	1971	68 663 191	49 359 612	19 303 579	...	...	...
COSTA RICA	1973	3 122 456	3 013 591	89 622	...	...	19 243
DOMINICAN REPUBLIC	1971	2 736 274	1 933 562	132 290	262 104	...	408 318
EL SALVADOR	1970/71	1 451 894	1 199 844	164 228	...	10 290	77 532
GUADALOUPE 1/	1970	62 465	45 879	13 530	...	...	3 056
MEXICO	1970	139 868 191	62 243 958	3 669 841	1 747 805	69 724 102	2 482 485
PANAMA	1971	2 098 062	862 671	127 940	1 107 451	...	...
PUERTO RICO	1970	524 575	416 869	107 706	...	...	...
UNITED STATES	1969	430 321 437	269 704 331	160 617 106	...	...	...
SOUTH AMERICA (6)		391 690 498	328 607 383	30 037 187	30 343 364	292 719	2 409 845
BRAZIL	1970	294 145 466	250 514 909	20 828 610	22 801 947	...	...
COLOMBIA	1970/71	30 993 190	24 195 294	2 025 580	3 119 452	...	1 652 864
PERU 2/	1971/72	23 470 145	20 691 013	1 413 293	721 597	292 719	351 523
SURINAME	1969	93 833	53 681	29 478	...	...	10 674
URUGUAY	1970	16 517 730	10 993 128	5 084 282	275 496	...	164 824
VENEZUELA	1971	26 470 134	22 159 358	655 944	3 424 872	...	229 960
ASIA (8)		36 214 790	22 794 045	12 747 755	337 010	4 929	331 051
BAHRAIN	1973/74	3 702	1 407	2 295	...	...	...
IRAQ 3/	1971	5 736 111	3 008 638	2 346 717	273 756	...	107 600
ISRAEL	1971	539 800	506 400	22 500	...	...	10 900
JAPAN 4/	1970	5 109 179	4 822 716	286 463	...	...	...
KOREA, Republic of	1970	2 117 608	1 754 268	363 340	...	...	...
PAKISTAN	1971/73	19 913 400	10 678 813	9 175 498	...	...	5/ 59 089
SAUDI ARABIA, Kingdom of	1973/74	1 213 462	995 745	196 051	...	4 929	16 737
SRI LANKA 6/	1973	1 581 528	1 026 058	354 891	63 254	...	137 325
EUROPE (15)		138 410 286	101 099 738	37 168 776	...	...	141 772
AUSTRIA 7/	1970	6 680 887	6 314 629	366 258	...	...	...
BELGIUM 1/	1970	1 540 306	439 915	1 100 391	...	...	...
FINLAND 8/	1969/70	2 669 057	2 493 041	176 016	...	...	...
FRANCE 1/	1970/71	31 726 853	16 437 582	15 289 271	...	...	...
GERMANY, Fed Rep of 1/	1971	12 616 227	8 963 598	3 616 390	...	...	36 239
ITALY	1970	25 064 218	21 199 919	3 864 299	...	...	...
LUXEMBOURG	1970	135 143	81 760	53 383	...	...	...
MALTA	1968/69	15 899	1 850	14 049	...	...	...
NETHERLANDS 1/	1970	2 142 597	1 112 124	1 030 473	...	...	...
NORWAY 1/	1969	955 333	815 128	140 205	...	...	...
POLAND	1970	16 418 552	15 080 642	1 232 377	...	...	105 533
PORTUGAL	1968	4 974 157	3 530 140	1 444 017	...	...	...
SWEDEN 2/	1971	3 016 323	1 915 504	1 100 819	...	...	...
UNITED KINGDOM	1970	17 992 312	10 524 013	7 468 299	...	...	...
YUGOSLAVIA	1969	12 462 422	12 189 893	272 529	...	...	...
OCEANIA (4)		516 297 928	473 452 518	21 907 596	...	151 271	20 786 543
AMERICAN SAMOA	1970	4 212	3 639	573	...	...	...
AUSTRALIA	1971	497 223 700	464 192 700	12 456 500	...	...	20 574 500
NEW ZEALAND	1972	19 030 369	9 221 947	9 445 108	...	151 271	212 043
PACIFIC ISLANDS (TRUST TERRITORY)	1970	39 647	34 232	5 415	...	...	...

1/ Agricultural area. 2/ Excludes area of 75 062 ha in holdings under 0.5 ha which is not classified by tenure.

3/ Discrepancies among the area of holdings reporting tenure, the area of holdings reporting utilization of land and the total area of holdings are probably due to the rounding errors at holding level. 4/ Cultivated land. 5/ Area of 59 089 ha in Government holdings. 6/ Small farms. 7/ Excludes shares of area from rights on common property. 8/ Arable land.

9/ Data refer to arable land of holdings with 2 ha or more of arable land.

TABLE 5.7 - Percent distribution of area in holdings by tenure

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Area of holdings	Area owned or in ownerlike possession	Total area rented from others	Area operated by squatters	Area oper- ated by tribal or communal tenure form	Area operated under other forms
<u>TOTAL</u> (49)		100.0	75.8	16.5	2.0	4.2	1.5
<u>AFRICA</u> (6)		100.0	25.7	5.6	5.9	60.7	2.0
CAMEROON	1972/73	100.0	3.9	7.5	11.5	77.1	...
CENTRAL AFRICAN REPUBLIC	1973/74	100.0	0.2	0.1	0.9	98.3	...
LIBERIA	1971	100.0	39.9	...	...	43.4	16.7
REUNION 1/	1972/73	100.0	61.2	38.8	...	...	...
SIERRA LEONE	1970/71	100.0	85.6	6.3	0.5	7.6	-
SWAZILAND	1971/72	100.0	92.8	7.2	...	...	...
<u>NORTH AND CENTRAL AMERICA</u> (10)		100.0	60.0	28.4	0.5	10.7	0.4
BELIZE	1973	100.0	75.8	24.2	...	...	...
CANADA	1971	100.0	71.9	28.1	...	...	...
COSTA RICA	1973	100.0	96.5	3.0	...	...	0.5
DOMINICAN REPUBLIC	1971	100.0	70.6	4.8	9.6	...	15.0
EL SALVADOR	1970/71	100.0	82.6	11.3	...	0.7	5.3
GUADELOUPE 1/	1970	100.0	73.4	21.7	...	...	4.9
MEXICO	1970	100.0	44.5	2.6	1.2	49.9	1.8
PANAMA	1971	100.0	41.1	6.1	52.8	...	...
PUERTO RICO	1970	100.0	79.5	20.5	...	...	...
UNITED STATES	1969	100.0	62.6	37.3	...	...	...
<u>SOUTH AMERICA</u> (6)		100.0	83.8	7.7	7.7	0.1	0.6
BRAZIL	1970	100.0	85.2	7.1	7.8	...	...
COLOMBIA	1970/71	100.0	78.1	6.5	10.1	...	5.3
PERU 2/	1971/72	100.0	88.1	6.0	3.1	1.3	1.5
SURINAME	1969	100.0	57.2	31.4	...	...	11.4
URUGUAY	1970	100.0	66.6	30.8	1.6	...	1.0
VENEZUELA	1971	100.0	83.7	2.5	12.9	...	0.9
<u>ASIA</u> (8)		100.0	62.9	35.2	0.9	-	0.9
BAHRAIN	1973/74	100.0	38.0	62.0	...	...	...
IRAQ 3/	1971	100.0	52.4	40.9	4.8	...	1.9
ISRAEL	1971	100.0	93.9	4.1	...	...	1.9
JAPAN 4/	1970	100.0	94.4	5.6	...	...	...
KOREA, Republic of	1970	100.0	82.8	17.2	...	...	...
PAKISTAN	1971/73	100.0	53.6	46.1	...	...	5/ 0.3
SAUDI ARABIA, Kingdom of	1973/74	100.0	82.1	16.2	...	0.4	1.4
SRI LANKA 6/	1973	100.0	64.9	22.4	4.0	...	8.7
<u>EUROPE</u> (15)		100.0	73.0	26.8	...	...	0.1
AUSTRIA 7/	1970	100.0	94.5	5.5	...	...	...
BELGIUM 1/	1970	100.0	28.6	71.4	...	...	...
FINLAND 8/	1969/70	100.0	93.4	6.6	...	...	...
FRANCE 1/	1970/71	100.0	51.8	48.2	...	...	...
GERMANY, Federal Republic of 1/	1971	100.0	71.0	28.7	...	...	0.3
ITALY	1970	100.0	84.6	15.4	...	...	...
LUXEMBOURG	1970	100.0	60.5	39.5	...	...	...
MALTA	1968/69	100.0	11.6	88.4	...	...	...
NETHERLANDS 1/	1970	100.0	51.9	48.1	...	...	...
NORWAY 1/	1969	100.0	85.3	14.7	...	...	...
POLAND	1970	100.0	91.8	7.5	...	...	0.6
PORTUGAL	1968	100.0	71.0	29.0	...	...	...
SWEDEN 2/	1971	100.0	63.5	36.5	...	...	...
UNITED KINGDOM	1970	100.0	58.5	41.5	...	...	...
YUGOSLAVIA	1969	100.0	97.8	2.2	...	...	...
<u>OCEANIA</u> (4)		100.0	91.7	4.3	...	-	4.0
AMERICAN SAMOA	1970	100.0	86.4	13.6	...	...	...
AUSTRALIA	1971	100.0	93.3	2.5	...	...	4.1
NEW ZEALAND	1972	100.0	48.5	49.6	...	0.8	1.1
PACIFIC ISLANDS (TRUST TERRITORY)	1970	100.0	86.3	13.7	...	...	...

For footnotes see table 5.6

TABLE 5.8 - Area owned by the holder of held in ownership possession, by size of holding

Area: in hectares	Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings	Holder no.	1 and under 2 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		
					1 and under 2 ha	2 ha	5 and under 10 ha	10 and under 20 ha	20 ha	20 and under 50 ha	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							
	TOTAL (29)		460 384 483	2 546 987	4 936 383	16 983 802	25 473 175	32 494 782	47 592 028	56 016 587	43 693 404	53 184 990	39 543 337	157 781 968	39 543 337	157 781 968	39 543 337	157 781 968	39 543 337	157 781 968	39 543 337	157 781 968	
	NORTH AND CENTRAL AMERICA (4)		5 121 985	29 413	48 656	145 172	179 676	266 875	677 263	650 346	634 986	864 483	508 494	1 096 539	508 494	1 096 539	508 494	1 096 539	508 494	1 096 539	508 494	1 096 539	
	COSTA RICA	1973	3 013 594	5 260	8 450	36 592	60 111	116 745	373 906	384 457	378 145	554 866	328 554	765 103	328 554	765 103	328 554	765 103	328 554	765 103	328 554	765 103	
	EL SALVADOR	1970/71	1 109 844	21 015	33 960	92 515	96 428	116 755	240 700	142 223	138 255	165 226	85 677	107 045	85 677	107 045	85 677	107 045	85 677	107 045	85 677	107 045	
	GUATEMALA	1970	45 679	2 485	4 570	9 863	28 957	33 375	102 657	123 661	118 526	144 369	94 243	223 397	94 243	223 397	94 243	223 397	94 243	223 397	94 243	223 397	
	PANAMA	1971	862 671	645	1 676	5 882	14 156	33 375	102 657	123 661	118 526	144 369	94 243	223 397	94 243	223 397	94 243	223 397	94 243	223 397	94 243	223 397	
	SOUTH AMERICA (5)		328 553 702	238 472	658 331	2 833 172	5 013 061	10 655 028	25 486 328	24 279 331	28 251 326	45 496 889	36 143 715	149 498 039	36 143 715	149 498 039	36 143 715	149 498 039	36 143 715	149 498 039	36 143 715	149 498 039	
	BRASIL	1970	250 514 909	60 717	212 030	1 401 208	3 303 807	8 239 997	21 247 651	20 172 437	23 717 804	37 608 729	28 869 877	105 774 613	28 869 877	105 774 613	28 869 877	105 774 613	28 869 877	105 774 613	28 869 877	105 774 613	
	COLOMBIA	1970/71	24 185 294	51 373	162 834	540 462	812 874	1 204 294	2 357 924	2 493 601	2 850 330	3 865 730	2 700 436	7 115 356	2 700 436	7 115 356	2 700 436	7 115 356	2 700 436	7 115 356	2 700 436	7 115 356	
	PERU	1971/72	20 691 013	82 725	260 373	751 237	731 722	745 580	1 009 856	661 437	719 154	1 045 074	955 194	1 718 669	955 194	1 718 669	955 194	1 718 669	955 194	1 718 669	955 194	1 718 669	
	URUGUAY	1970	10 993 128	17 997	3 531	17 997	56 050	170 149	247 527	325 478	513 351	1 193 110	1 542 351	6 983 272	1 542 351	6 983 272	1 542 351	6 983 272	1 542 351	6 983 272	1 542 351	6 983 272	
	VENEZUELA	1971	22 450 398	3 617	19 553	182 222	202 668	374 708	623 366	626 384	750 687	1 184 247	2 065 812	15 606 142	2 065 812	15 606 142	2 065 812	15 606 142	2 065 812	15 606 142	2 065 812	15 606 142	
	ASIA (3)		16 438 871	894 294	1 308 345	2 746 428	2 868 627	2 375 482	2 742 072	2 826 180	500 149	251 266	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028
	INDIA	1973/74	1 407	49	104	300	323	245	378	108	108	251 266	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	
	IRAQ	1971	3 008 638	18 483	81 230	187 089	367 600	709 813	717 717	250 284	218 928	251 266	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	
	KOREA, Republic of	1970	1 754 288	654 726	714 528	385 074	2 389 126	2 033 335	1 832 493	1 810 111	281 221	251 266	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	
	PAKISTAN	1971/73	10 678 873	189 536	464 161	2 140 054	1 111 378	452 091	1 771 584	1 05 677	281 221	251 266	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	
	SAUDI ARABIA, Kingdom of	1973/74	295 745	31 500	48 322	93 972	111 378	452 091	1 771 584	1 05 677	281 221	251 266	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	246 028	
	EUROPE (14)		101 017 973	1 384 666	2 930 159	11 251 618	17 384 868	15 655 726	18 456 549	8 255 896	12 625 598	4 233 034	1 046 198	4 803 676	1 046 198	4 803 676	1 046 198	4 803 676	1 046 198	4 803 676	1 046 198	4 803 676	
	AUSTRIA	1970	6 314 629	24 072	56 729	212 624	390 630	908 130	1 561 070	356 505	395 229	2 269 570	2 269 570	4 803 676	2 269 570	4 803 676	2 269 570	4 803 676	2 269 570	4 803 676	2 269 570	4 803 676	
	BELGIUM	1970	439 915	15 792	12 459	42 845	84 787	135 999	510 967	26 395	10 781	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	DENMARK	1969/70	2 453 041	10 666	45 151	245 677	680 614	861 826	514 515	86 728	37 430	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	FRANCE	1970/71	16 037 582	147 078	121 575	682 201	1 480 485	3 402 934	5 791 945	753 758	2 007 656	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	GERMANY, Federal Republic of	1971	8 963 598	25 188	160 874	503 173	1 161 250	2 614 060	3 310 650	778 178	330 233	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	ITALY	1970	21 199 919	556 116	919 884	2 596 873	2 869 823	2 752 081	2 541 576	1 487 889	7 475 147	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	JAPAN	1968/69	1 850	461	1 422	60 707	181 700	407 084	335 895	63 026	42 473	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	NETHERLANDS	1970	1 112 124	7 166	14 473	60 307	181 700	407 084	335 895	63 026	42 473	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	NORWAY	1969	815 128	3 696	167 280	601 476	255 838	200 196	127 687	27 413	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356			
	POLAND	1970	15 680 642	251 579	601 476	2 805 068	5 906 872	4 428 484	850 748	56 457	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356			
	PORTUGAL	1968	3 530 140	69 796	163 389	419 741	371 852	453 546	398 932	220 074	191 261	274 384	265 105	682 410	265 105	682 410	265 105	682 410	265 105	682 410	265 105	682 410	
	SPAIN	1971	1 915 504	6 771	102 935	397 244	246 333	397 244	626 918	279 516	262 558	3 608 729	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	7 115 356	3 608 729	3 608 729	7 115 356		
	UNITED KINGDOM	1970	10 824 013	6 771	18 083	93 242	199 286	481 369	1 595 014	1 905 450	1 837 898	1 595 014	640 427	2 149 732	640 427	2 149 732	640 427	2 149 732	640 427	2 149 732	640 427	2 149 732	
	YUGOSLAVIA	1969	12 489 893	260 664	690 688	3 078 947	3 555 239	1 592 695	750 852	14 537	34 362	92 309	140 666	1 971 534	92 309	1 971 534	92 309	1 971 534	92 309	1 971 534	92 309	1 971 534	
	OCEANIA (1)		9 221 947	142	692	7 505	16 911	38 671	329 817	824 868	1 381 405	2 339 338	1 598 942	2 683 654	1 598 942	2 683 654	1 598 942	2 683 654	1 598 942	2 683 654	1 598 942	2 683 654	
	NEW ZEALAND	1972	9 221 947	142	692	7 505	16 911	38 671	329 817	824 868	1 381 405	2 339 338	1 598 942	2 683 654	1 598 942	2 683 654	1 598 942	2 683 654	1 598 942	2 683 654	1 598 942	2 683 654	

TABLE 5.9 Area rented from others, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area rented from others	Under 1 ha	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
Thousands of hectares													
TOTAL (31)	1970	101 509	611	1 210	5 585	7 451	9 860	15 122	9 972	10 384	8 399	5 851	27 065
<u>NORTH AND CENTRAL AMERICA (4)</u>													
COSTA RICA	1970	395	38	44	46	21	18	33	27	32	47	25	64
EL SALVADOR	1973	90	1	2	5	4	5	10	9	11	18	8	15
GUADALUPE	1970/71	164	35	36	31	10	7	10	7	9	14	3	2
SAVANNA	1969/72	14	2	4	5	3	***	***	***	***	***	***	***
	1971	128	—	3	5	4	5	12	11	12	15	14	47
<u>SOUTH AMERICA (5)</u>													
BRAZIL	1970	30 008	136	330	1 225	1 587	1 876	2 500	2 242	3 983	4 941	3 027	8 146
COLOMBIA	1970	20 829	102	240	930	1 255	1 462	1 874	1 657	3 227	3 599	1 760	4 723
PERU	1970/71	2 026	21	49	154	168	219	318	251	216	245	153	231
URUGUAY	1971/72	1 413	12	37	122	129	125	124	69	107	121	74	495
VENEZUELA	1970	5 084	***	1	4	16	44	134	201	373	862	956	2 494
	1971	656	1	3	15	18	29	56	65	70	113	86	205
<u>ASIA (5)</u>													
BAHRAIN	1970	12 084	247	493	3 034	3 337	2 350	1 429	715	160	46	271	***
IRAQ	1973/74	2 347	2	—	1	1	—	—	—	—	—	—	—
KOREA, Republic of	1971	363	7	40	117	433	644	693	67	27	46	271	***
PAKISTAN	1970	9 175	160	146	58	***	—	—	—	—	—	—	—
SAUDI ARABIA, Kingdom of	1971/73	196	78	305	2 853	2 897	1 696	720	626	***	—	—	—
	1973/74	196	1	2	6	7	9	16	21	133	***	—	—
<u>EUROPE (14)</u>													
AUSTRIA	1970	37 115	190	342	1 278	2 498	5 596	11 039	6 662	5 544	1 639	821	1 505
BELGIUM	1970	366	2	7	23	40	88	126	32	14	33	***	—
FINLAND	1973	1 100	8	9	54	156	336	376	122	39	***	—	—
FRANCE	1969/70	15 289	***	2	12	30	50	57	18	9	***	—	—
GERMANY, Federal Republic of	1971	3 616	15	35	189	602	2 175	6 092	3 705	2 477	***	—	—
ITALY	1970	3 664	3	31	159	378	1 017	1 460	368	199	***	—	—
MALTA	1968/69	14	59	111	347	455	682	811	550	936	***	—	—
NETHERLANDS	1970	1 030	3	3	6	2	***	—	—	—	—	—	—
NORWAY	1969	140	3	6	34	108	330	458	81	11	***	—	—
PORTUGAL	1970	1 232	46	72	17	36	41	55	8	***	—	—	—
SPAIN	1970	1 444	35	45	229	398	412	72	3	***	—	—	—
SWEDEN	1968	1 101	35	45	116	103	126	166	78	90	183	178	383
UNITED KINGDOM	1971	7 468	2	8	43	88	145	335	272	227	***	—	—
YUGOSLAVIA	1970	273	13	12	43	52	247	1 030	1 425	1 539	1 418	637	1 031
	1969	273	13	12	43	52	27	21	1	2	4	6	91
<u>OCEANIA (3)</u>													
AUSTRALIA	1970	21 907	—	—	3	8	19	116	326	654	1 726	1 706	17 349
NEW ZEALAND	1971	12 457	—	—	2	5	11	56	146	274	825	1 091	10 048
PACIFIC ISLANDS (ANUET TERRITORY)	1972	9 445	—	—	1	3	8	59	176	380	901	616	7 302
	1970	5	—	—	—	—	—	1	4	—	—	—	—

TABLE 5.10 - Area rented by form of renting

Area: in hectares

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area rented from others	Area rented for					Other forms
			Fixed amount of money	Fixed amount of produce	Fixed amount of money and produce	Share of produce	Exchange for services	
TOTAL (18)		58 444 714	4 902 814	78 124	21 869 919	15 630 897	22 740	15 940 220
AFRICA (3)		144 383	66 925	12 162	4 546	-	-	60 750
CAMEROON	1972-73	111 323	40 385	11 413	4 451	-	-	55 070
CENTRAL AFRICAN REPUBLIC	1973-74	276	118	-	95	-	-	63
SIERRA LEONE	1970-71	32 784	26 418	749	-	-	-	5 617
NORTH AND CENTRAL AMERICA (6)		4 164 200	3 345 810	65 903	14 169	647 667	15 664	74 987
BELIZE	1973	56 371	50 254	-	-	1 129	-	4 988
DOMINICAN REPUBLIC	1971	132 290	34 686	39 003	10 798	-	-	47 803
EL SALVADOR	1970-71	164 288	110 205	26 900	3 371	2 487	2 164	19 101
GUATELCOPE	1970	13 530	2 106	-	-	11 424	-	-
MEXICO	1970	3 669 841	3 047 110	-	-	622 731	-	-
PANAMA	1971	127 940	101 449	-	-	9 896	13 500	3 095
SOUTH AMERICA (3)		27 938 472	-	-	20 497 589	6 387 340	-	1 053 543
BRAZIL	1970	20 828 610	-	-	15 701 211	5 127 399	-	-
COLOMBIA	1970-71	2 025 580	-	-	-	972 037	-	1 053 543
URUGUAY	1970	5 084 282	-	-	4 796 378	287 904	-	-
ASIA (2)		9 177 793	1 974	59	1 353 615	7 654 608	97	167 440
BAHRAIN	1973-74	2 295	1 974	59	126	39	97	-
PAKISTAN	1971-72-73	9 175 498	-	-	1 353 489	7 654 569	-	167 440
EUROPE (4)		17 019 866	1 488 105	-	-	941 282	6 979	14 583 500
FRANCE	1970-71	15 289 271	-	-	-	721 588	-	14 567 683
MALTA	1968-69	14 049	13 977	-	-	-	-	72
PORTUGAL	1968	1 444 017	1 271 089	-	-	172 928	-	-
YUGOSLAVIA	1969	272 529	203 039	-	-	46 766	6 979	15 745

TABLE 5.11 - Number and area of holdings by legal status of the holder

Area: in hectares	Countries by continent (number of reporting countries is given in parenthesis)	Census Year	All holdings	Holdings by legal status of the holder				
				Civil person	Corporation	Cooperative	Government	Other
TOTAL (41)	Number Area		46 425 043 1 575 290 607	45 872 180 1 185 096 048	250 443 260 354 835	52 778 96 774 847	117 558 16 550 514	132 084 26 514 363
AFRICA (4)	Number Area		2 910 668 89 663 494	2 862 974 81 970 525	38 511 4 899 536	4 693 ...	299 2 184 247	4 191 609 186
LIBERIA	Number Area	1971	121 745 365 673	121 152 307 254	...	...	...	593 58 419
LYBIA	Number Area	1974	160 999	149 566	11 433	...	...	...
SOUTH AFRICA	Number Area	1971	90 422 89 297 821	87 535 81 663 271	2 413 4 899 536	...	274 2 184 247	200 550 767
ZAIRE	Number Area	1970	2 537 502	2 504 721	24 665	4 693	25	3 398
NORTH AND CENTRAL AMERICA (9)	Number Area		3 705 915 519 976 578	3 616 700 412 051 850	31 569 34 008 445	22 915 69 772 627	1 915 663 423	32 816 3 480 233
CANADA	Number Area	1971	366 128	336 175	7 992	...	...	21 961
COSTA RICA	Number Area	1973	81 562 3 122 456	79 858 2 331 894	1 358 727 208	76 13 799	...	270 49 555
HONDURAS	Number Area	1974	195 341 2 629 859	194 765 2 441 802	126 141 502	125 33 436	42 3 963	283 9 156
JAMAICA 1/	Number Area	1968/69	192 763 600 614	192 437 413 716	181 176 656	...	145 10 242	...
MEXICO	Number Area	1970	1 020 016 139 868 191	995 735 69 540 628	...	22 692 69 724 102	1 589 603 461	...
PANAMA 2/	Number Area	1971	105 272 2 098 062	104 669 1 785 349	373 244 101	22 1 290	102 45 650	106 21 672
ST. LUCIA	Number Area	1973/74	10 938 29 138	10 772 21 052	19 7 728	...	37 107	110 251
UNITED STATES 3/	Number Area	1969	1 733 683 371 628 258	1 702 100 335 517 409	21 513 32 711 250	...	...	10 070 3 399 599
VIRGIN ISLANDS (U.S.)	Number Area	1970	212	189	7	...	...	16
SOUTH AMERICA (5)	Number Area		6 695 618 344 242 545	6 539 902 293 636 727	143 593 37 052 331	738 3 429 598	2 572 2 113 991	8 813 8 009 898
BRAZIL	Number Area	1970	4 924 019 294 145 466	4 779 336 256 932 290	141 479 34 580 287	...	1 782 2 107 747	1 422 525 142
PERU 1/	Number Area	1971/72	1 390 439 23 533 112	1 385 819 12 795 918	933 275 611	619 3 414 708	...	3 068 7 046 875
SURINAME	Number Area	1969	16 078 93 833	16 011 62 627	15 13 836	...	28 6 244	24 11 126
URUGUAY	Number Area	1970	77 163	73 275	...	...	762	3 126
VENEZUELA	Number Area	1971	287 919 26 470 134	285 461 23 845 892	1 166 2 182 597	119 14 890	...	1 173 426 755

See footnotes at end of table.

(continued)

TABLE 5.11 - Number and area of holdings by legal status of the holder (cont'd)

Area: in hectares	Countries by continent (number of reporting countries is given in parenthesis)	Census Year	All holdings	Holding by legal status of the holder				
				Civil person	Corporation	Cooperative	Government	Other
ASIA (10)	Number Area		24 564 327 25 857 928	24 491 999 23 826 224	7 169 28 640	5 417 416 969	106 390 1 356 537	53 351 229 558
BAHRAIN	Number Area	1973/74	855 3 702	853 3 670	...	...	2 32	...
INDONESIA	Number Area	1973	14 375 343 16 393 826	14 370 012 15 079 520	4 819 19 251	26 91 535	397 1 156 162	91 47 358
IRAQ	Number Area	1971	591 178 5 732 481	591 051 5 627 228	2 67	...	52 68 245	73 36 941
ISRAEL	Number Area	1971	40 210 539 800	31 166 110 200	...	705 323 500	...	8 339 106 100
JAPAN	Number	1970	5 354 074	5 341 844	...	3 114	1 741	7 375
JORDAN	Number Area	1975	55 548 390 403	55 191 384 258	153 1 758	21 130	122 3 440	61 817
KOREA, Republic of	Number	1970	2 421 420	2 417 368	...	...	320	3 732
KUWAIT	Number Area	1970	449 2 726	319 1 941	...	1 2	2 92	127 691
SAUDI ARABIA, Kingdom of	Number Area	1973/74	180 570 1 213 462	180 622 1 207 161	4 67	...	17 5 229	25 850
SRI LANKA ^{4/}	Number Area	1973	1 644 579 1 581 528	1 503 573 1 412 246	2 191 7 497	1 548 1 647	103 739 123 337	33 528 36 801
EUROPE (11)	Number Area		8 136 242 79 295 962	8 081 235 60 331 722	15 314 1 455 283	18 815 11 046 653	5 314 4 179 415	15 563 2 282 888
AUSTRIA	Number Area	1970	362 215 7 490 463	356 021 6 066 294	...	1 392 216 428	2 595 998 234	2 208 269 507
BELGIUM ^{5/}	Number Area	1970	184 005 1 540 306	175 797 1 414 563	135 1 352	6 937 118 115	...	1 126 5 876
CZECHOSLOVAKIA ^{5/}	Number Area	1970	1 472 462 6 945 140	1 462 906 921 572	...	6 350 3 264 285	1 241 2 009 360	1 962 69 923
GERMANY, Fed Rep of	Number Area	1971	1 074 637 15 235 139	1 067 442 14 999 561	...	...	...	1 195 236 578
HUNGARY	Number Area	1972	802 892 7 476 103	799 761 389 309	...	2 651 5 911 285	176 997 285	304 187 124
NETHERLANDS	Number Area	1970	184 613 2 142 597	178 077 2 021 826	5 652 80 309	53 1 085	230 26 953	601 12 484
NORWAY	Number	1969	154 977	154 493	...	...	...	484
PORTUGAL	Number Area	1968	811 656 4 974 157	810 253 4 732 143	555 188 410	29 269	181 42 374	638 10 962
SWEDEN ^{6/}	Number Area	1971	161 946 3 016 323	161 194 2 918 250	372 70 829	...	106 7 876	274 19 308

(continued)

See footnotes at end of table.

TABLE 5.11 - Number and area of holdings by legal status of the holder (cont'd)

Area: in hectares Countries by continent (number of reporting countries is given in parenthesis)	Census Year	All holdings	Holdings by legal status of the holder					
			Civil person	Corporation	Cooperative	Government	Other	
EUROPE (cont'd)								
UNITED KINGDOM	1970	326 698	317 316	8 600	...	782	...	
		17 992 312	16 780 654	1 114 323	...	97 335	...	
YUGOSLAVIA	1969	2 600 140	2 597 976	...	1 403	...	751	
		12 462 422	10 096 150	...	835 146	...	1 531 126	
OCEANIA (2)								
AUSTRALIA	1971	312 274	279 369	14 287	200	1 068	17 350	
		516 254 100	313 279 000	182 910 600	2 109 000	6 052 900	11 902 600	
NEW ZEALAND	1972	249 485	238 774	8 805	123	379	1 404	
		497 223 700	305 740 300	179 855 800	2 070 800	2 781 300	6 775 500	
		62 789	40 595	5 482	77	689	15 946	
		19 030 400	7 538 700	3 054 800	38 200	3 271 600	5 127 100	

1/ Excludes holdings not classified by legal status. 2/ Excludes 10 092 holdings without land. 3/ Excludes holdings with sales of less than US \$2 500.
4/ Excludes estates. 5/ Data refer to agricultural area. 6/ Data on area refer to arable land on holdings with more than 2 ha of arable land.

TABLE 5.12- Percent distribution of holdings by legal status of the holder

Countries by continents (number of reporting countries is given in parenthesis)		All holdings	Holdings by legal status of the holder				
			Civil person %	Corporation %	Cooperative %	Government %	Other %
<u>TOTAL</u> (41)	Number	100.0	98.8	0.5	0.1	0.3	0.3
	Area	100.0	75.2	16.5	5.5	1.0	1.7
<u>AFRICA</u> (4)	Number	100.0	98.3	1.3	0.2	-	0.2
	Area	100.0	91.4	5.5	...	2.4	0.7
LIBERIA	Number	100.0	99.5	...	...	...	0.5
	Area	100.0	84.0	...	...	...	16.0
LIBYA	Number	100.0	92.9	7.1	...	...	...
	Area	100.0	96.8	2.7	...	0.3	0.2
SOUTH AFRICA	Number	100.0	91.5	5.5	...	2.4	0.6
	Area	100.0	98.7	1.0	0.2	...	0.1
<u>ZAIRE</u>	Number	100.0	97.6	0.9	0.6	-	0.9
	Area	100.0	79.3	6.5	13.4	0.1	0.7
<u>NORTH AND CENTRAL AMERICA</u> (9)	Number	100.0	91.8	2.2	...	...	6.0
	Area	100.0	97.9	1.7	0.1	...	0.3
CANADA	Number	100.0	74.6	23.3	0.5	...	1.6
	Area	100.0	99.7	0.1	0.1	...	0.1
COSTA RICA	Number	100.0	92.8	5.4	1.3	0.2	0.3
	Area	100.0	99.8	0.1	...	0.1	...
HONDURAS	Number	100.0	68.9	29.4	...	1.7	...
	Area	100.0	97.6	...	2.2	0.2	...
JAMAICA ^{1/}	Number	100.0	49.7	...	49.9	0.4	...
	Area	100.0	99.4	0.4	...	0.1	0.1
MEXICO	Number	100.0	85.1	11.6	0.1	2.2	1.0
	Area	100.0	98.5	0.2	...	0.3	1.0
PANAMA ^{2/}	Number	100.0	72.2	26.5	...	0.4	0.9
	Area	100.0	98.2	1.2	...	...	0.6
ST. LUCIA	Number	100.0	90.3	8.8	...	...	0.9
	Area	100.0	90.3	8.8	...	...	0.9
UNITED STATES ^{3/}	Number	100.0	89.2	3.3	...	...	7.5
	Area	100.0	89.2	3.3	...	...	7.5
VIRGIN ISLANDS (U.S.)	Number	100.0	97.7	2.2	-	-	0.1
	Area	100.0	85.3	10.8	1.0	0.6	2.3
<u>SOUTH AMERICA</u> (5)	Number	100.0	97.1	2.9	...	-	-
	Area	100.0	87.3	11.8	...	0.7	0.2
BRAZIL	Number	100.0	99.7	0.1	-	...	0.2
	Area	100.0	54.4	1.2	14.5	...	29.9
PERU ^{1/}	Number	100.0	99.6	0.1	...	0.2	0.1
	Area	100.0	66.7	14.7	...	6.7	11.9
SURINAME	Number	100.0	94.9	...	...	1.0	4.1
	Area	100.0	99.2	0.4	...	...	0.4
URUGUAY	Number	100.0	90.1	8.2	0.1	...	1.6
	Area	100.0	90.1	8.2	0.1	...	1.6
VENEZUELA	Number	100.0	99.3	-	...	0.4	0.2
	Area	100.0	92.1	0.1	1.6	5.3	0.9
<u>ASIA</u> (10)	Number	100.0	99.8	...	...	0.2	...
	Area	100.0	99.1	...	...	0.9	...
BAHRAIN	Number	100.0	100.0	...	...	...	...
	Area	100.0	92.0	0.1	0.6	7.1	0.3
INDONESIA	Number	100.0	92.0	0.1	0.6	7.1	0.3
	Area	100.0	92.0	0.1	0.6	7.1	0.3

For footnotes see table 2.7

(continued)

TABLE 5.12- Percent distribution of holdings by legal status of the holder

Countries by continent (number of reporting countries is given in parenthesis)		All holdings	Holdings by legal status of the holder				
			Civil person %	Corporation %	Cooperative %	Government %	Other %
<u>ASIA</u> (cont.d)							
IRAQ	Number	100.0	100.0	-	...	-	-
	Area	100.0	98.2	-	...	1.2	0.6
ISRAEL	Number	100.0	77.5	...	1.8	...	20.7
	Area	100.0	20.4	...	59.9	...	19.7
JAPAN	Number	100.0	99.7	...	0.1	-	0.2
JORDAN	Number	100.0	99.4	0.3	-	0.2	0.1
	Area	100.0	98.4	0.5	-	0.9	0.2
KOREA, REPUBLIC OF	Number	100.0	99.8	...	...	-	0.2
KUWAIT	Number	100.0	71.0	...	0.2	0.5	28.3
	Area	100.0	71.2	...	0.1	3.4	25.3
SAUDI ARABIA, Kingdom of	Number	100.0	100.0	-	-	-	-
	Area	100.0	99.5	-	-	0.4	0.1
SRI LANKA ^{4/}	Number	100.0	91.4	0.1	0.1	6.3	2.1
	Area	100.0	89.3	0.5	0.1	7.8	2.3
<u>EUROPE</u> (11)							
AUSTRIA	Number	100.0	99.3	0.2	0.2	0.1	0.2
	Area	100.0	76.1	1.8	13.9	5.3	2.9
BELGIUM ^{5/}	Number	100.0	95.5	0.1	3.8	...	0.6
	Area	100.0	91.9	0.1	7.6	...	0.4
CZECHOSLOVAKIA ^{5/}	Number	100.0	99.4	...	0.4	0.1	0.1
	Area	100.0	13.2	...	56.9	28.8	1.0
GERMANY, FED. REP. OF	Number	100.0	99.3	...	...	...	0.7
	Area	100.0	98.4	...	...	...	1.6
HUNGARY	Number	100.0	99.6	...	0.3	-	0.1
	Area	100.0	5.1	...	79.1	13.3	2.5
NETHERLANDS	Number	100.0	96.4	3.1	-	0.1	0.4
	Area	100.0	94.4	3.7	-	1.3	0.6
NORWAY	Number	100.0	99.7	...	...	...	0.3
PORTUGAL	Number	100.0	99.8	0.1	...	-	0.1
	Area	100.0	95.1	3.8	...	0.9	0.2
SWEDEN ^{6/}	Number	100.0	99.5	0.2	...	0.1	0.2
	Area	100.0	96.7	2.4	...	0.3	0.6
UNITED KINGDOM	Number	100.0	97.1	2.6	...	0.3	...
	Area	100.0	93.3	6.2	...	0.5	...
YUGOSLAVIA	Number	100.0	99.9	...	0.1	...	-
	Area	100.0	81.0	...	6.7	...	12.3
<u>OCEANIA</u> (2)							
AUSTRALIA	Number	100.0	89.4	4.6	-	0.4	5.6
	Area	100.0	60.7	35.4	0.4	1.2	2.3
NEW ZEALAND	Number	100.0	64.7	8.7	0.1	1.1	25.4
	Area	100.0	39.6	16.1	0.2	17.2	26.9

For footnotes see table 2.7

Number: in thousands
Area: in thousand hectares

TABLE 5.13 - Number and area of holdings operated by civil persons by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Under 1 ha	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
TOTAL (30)	32 811 762 776	16 726 5 703	5 689 5 423	4 478 11 530	1 705 11 602	1 302 17 080	1 050 34 793	712 44 507	476 63 723	421 81 874	209 199 448	43 289 026
AFRICA (2)	2 626 307	1 109 31	990 42	491 85	26 -	9 101	- -	1 48	*** ***	- -	- -	- -
LIBERIA	121 307	64 31	29 42	85 -	- -	4 101	- -	1 48	*** ***	- -	- -	- -
ZAIRE	2 505	1 045	961	468	26	5	***	-	-	-	-	-
NORTH AND CENTRAL AMERICA (5)	2 505 340 705	75 32	207 166	122 327	95 672	147 1 589	432 16 320	536 33 403	378 51 603	348 59 934	165 176 145	514 26
CANADA	336	4	36	9	36	36	12	199	3	142	2	***
COSTA RICA	80 2 332	19 6	7 10	13 42	9 64	9 121	380	6 385	3 369	473	285	256
HONDURAS	195 2 442	34 21	39 54	52 164	28 201	19 268	15 459	5 297	2 259	1 300	*** 161	258
JAMAICA	192 414	151 72	25 67	67 -	12 71	2 30	1 21	1 20	- 34	79	***	***
UNITED STATES	1 702 335 517	18 5	10 10	23 54	46 336	81 1 170	404 15 460	405 32 701	373 50 941	203 59 082	139 175 758	- -
SOUTH AMERICA (4)	1 760 36 705	297 193	297 392	431 1 260	215 1 334	132 1 538	91 2 245	35 1 728	21 1 879	17 3 285	8 3 286	10 12 565
PERU	1 336 12 796	183 185	260 349	339 1 024	153 1 008	78 1 021	46 1 327	13 819	7 863	4 1 107	1 899	2 4 194
SURINAME	15 63	3 2	4 6	6 18	2 12	1 7	*** 7	2 8	2 6	3 6	1 3	3 3
URUGUAY	73	11	11	11	11	12	13	8	8	7	3	5
VENEZUELA	285 23 846	17 6	33 37	75 218	49 314	41 510	32 911	14 907	8 1 014	7 2 175	4 2 386	4 15 368
ASIA (5)	17 559 20 988	11 917 4 168	3 364 3 587	1 631 4 136	368 2 435	205 3 030	1 680	8 503	4 577	1 301	1 471	- -
BHRAIN	1 4	0.2 -	0.2 -	0.4 2	0.1 1	0.1 1	*** ***	- -	- -	- -	- -	- -
INDONESIA 1/	14 369 14 148	10 112 4 102	2 597 3 396	1 353 3 760	224 1 449	83 1 441	*** ***	- -	- -	- -	- -	- -
IRAQ	5 627	119 33	90 140	83 274	126 866	110 1 422	53 1 492	6 374	2 254	1 301	1 471	- -
KOREA, Republic of	2 417	1 617	639	161	***	-	-	-	-	***	-	-
KUWAIT	1.9	0.1	0.1	-	0.3	0.4	0.3	0.6	0.1	***	-	-

(continued)

See footnotes at end of table.

Number: in thousands
Area: in thousand hectares

TABLE 5.13 - Number and area of holdings operated by civil persons by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Under 1 ha	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
ASIA (cont'd)												
SAUDI ARABIA, Kingdom of	181	69	38	33	18	12	7	2	2	...	...	-
	1 207	33	51	100	119	165	188	128	423	...	...	-
EUROPE (11)												
Number	8 081	3 120	828	1 787	986	792	430	90	33	11	2	2
Area	60 331	1 278	1 232	5 680	7 065	10 602	13 548	6 527	5 013	4 014	1 504	3 868
AUSTRIA	356	34	41	70	61	73	62	11	3	1	...	-
Area	6 066	25	62	239	455	1 087	1 892	821	508	977	...	-
BELGIUM	177	52	15	28	32	32	16	2	-	...	...	-
Area	1 415	23	21	93	231	448	446	121	32	...	...	-
CZECHOSLOVAKIA	1 463	1 343	47	69	4	...	-	-	-	-	-	-
Area	921	496	68	305	52	...	-	-	-	-	-	-
GERMANY, Fed Rep of	1 067	56	137	224	212	252	166	17	3	...	...	-
Area	15 000	83	264	906	1 839	4 291	5 585	1 384	648	...	...	-
HUNGARY	800	729	48	20	3	-	...	-	-	-	-	-
Area	380	236	64	60	18	2	...	-	-	-	-	-
NETHERLANDS	178	19	14	27	38	51	27	2	-	...	...	-
Area	2 022	9	19	91	285	720	755	126	17	...	...	-
NORWAY	154	...	33	55	42	18	6	...	-	-	-	-
PORTUGAL	870	316	...	315	...	152	18	4	2	1	1	1
Area	4 732	125	...	617	...	1 179	501	294	274	437	416	889
SWEDEN	161	...	12	30	39	37	33	8	2	...	...	-
Area	2 918	...	...	115	296	540	1 017	544	406	...	...	-
UNITED KINGDOM	317	14	17	39	39	49	75	46	23	9	1	1
Area	16 781	8	24	132	282	716	2 587	3 237	3 128	2 600	1 088	2 979
YUGOSLAVIA	2 598	557	464	910	516	128	23	...	-	-	-	-
Area	10 096	273	710	3 122	3 607	1 619	765	...	-	-	-	-
OCEANIA (2)												
Number	280	2	3	15	15	17	37	42	49	44	33	31
Area	305 740	1	4	42	96	220	1 000	2 298	4 621	14 337	18 042	265 079
AUSTRALIA	239	2	3	14	13	15	29	32	32	44	25	30
Area	305 740	1	4	42	96	220	1 000	2 298	4 621	14 337	18 042	265 079
NEW ZEALAND	41	...	...	2	2	2	8	10	8	...	...	1

1/ Excluding estates.

Number: in thousands
Area: in thousand hectares

TABLE 5.14 - Number and area of holdings operated by corporations by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Under 1 ha	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
TOTAL (17)	218 555.5	10.4 3.2	15.2 3.1	8.6 8.5	2.1 13.1	7.0 69.6	5.9 149.3	10.3 439.1	9.3 924.6	7.6 2 160	12.1 32 482	4.9 182 303
AFRICA (1)	25	6	13	5	-	1	...	-	-	-	-	-
ZAIRE	25	6	13	5	-	1	...	-	-	-	-	-
NORTH AND CENTRAL AMERICA ⁽⁵⁾	31.7	-	-	1	0.1	3.1	2.2	7.1	5.2	4.4	8.2	0.4
Area	33 756	-	-	2	1	23	53	274	467	1 166	31 163	607
CANADA	8	-	-	-	-	-	-	3	2	1	1	-
COSTA RICA	1.4	-	-	-	0.1	0.1	0.2	0.1	0.1	0.3	0.2	0.3
Area	727	-	-	-	1	1	6	9	20	98	106	486
HONDURAS	0.1	-	-	-	-	-	-	1	2	6	11	0.1
Area	141	-	-	-	-	-	-	-	-	-	-	121
JAMAICA	0.2	-	-	-	-	-	1	-	0.1	0.1	...	-
Area	177	-	-	-	-	-	-	-	4	172	...	-
UNITED STATES	22	-	-	1	-	2	2	4	3	3	7	-
Area	32 711	-	-	2	-	22	46	264	441	890	31 046	-
SOUTH AMERICA (3)	2.1	-	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.4
Area	2 473	-	-	-	1	2	6	13	29	80	114	2 228
PERU	0.9	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	0.1
Area	276	-	-	-	1	1	3	7	13	24	21	206
SURINAME	1.4	-	-	-	-	-	-	-	-	2	5	7
VENEZUELA	1.2	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.3
Area	2 183	-	-	-	-	1	3	6	16	54	88	2 015
ASIA (1)	4.8	2.7	0.9	0.6	0.2	0.4	...	-	-	-	-	-
Area	19.3	1.1	1.1	1.4	1.1	14.6	...	-	-	-	-	-
INDONESIA	4.8	2.7	0.9	0.6	0.2	0.4	...	-	-	-	-	-
Area	19.3	1.1	1.1	1.4	1.1	14.6	...	-	-	-	-	-

(continued)

Number: in thousands
Area: in thousand hectares

TABLE 5.14 - Number and area of holdings operated by corporations by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Number holdings reporting	Under 1 ha	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
<u>EUROPE</u> (5)	15.4 2 451.3	1.7 2.1	1.2 2.0	1.6 5.1	1.2 9.0	1.8 26.1	2.4 72.3	1.5 110.1	2.0 312.6	1.4 416	0.4 199	0.2 1 297
BELGIUM	0.1 1.3	0.1 0.1	- -	0.1 -	- -	0.1 -	0.3 -	0.1 -	0.6 -	*** ***	- -	- -
NETHERLANDS	5.7 80	1.1 1	0.8 1	0.8 2	0.6 5	1.0 15	1.1 33	0.2 13	0.1 10	*** ***	- -	- -
PORTUGAL	0.6 188	0.1 -	- -	- -	0.1 -	0.1 1	0.1 2	- 2	- 5	0.1 15	0.1 16	0.1 147
SWEDEN	0.4 71	- -	- -	- -	- -	- -	0.1 2	0.1 4	0.2 65	*** ***	- -	- -
UNITED KINGDOM	8.6 1 114	0.4 1	0.4 1	0.8 3	0.6 4	0.7 10	1.1 35	1.2 91	1.7 232	1.3 401	0.3 182	0.1 154
<u>OCEANIA</u> (2)	14.3 179 856	- -	- -	0.2 -	0.4 1	0.5 4	1.1 18	1.5 42	1.9 116	1.5 499	3.4 1 005	3.8 178 171
AUSTRALIA	8.8 179 856	- -	- -	0.1 -	0.2 1	0.3 4	0.5 18	0.6 42	0.8 116	1.5 499	1.4 1 005	3.4 178 171
NEW ZEALAND	5.5	-	-	0.1	0.2	0.2	0.6	0.9	1.1	-	2.0	0.4

Number: in thousands
Area: thousands hectares

TABLE 5.15 - Number and area of holdings operated by cooperatives by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Under 1 ha	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
<u>TOTAL</u> (11)	24.0 16 593.0	1.3 ...	0.9 1.0	5.5 4.0	1.4 11.0	2.0 29.0	1.6 53.0	0.7 57.0	0.6 140.0	2.6 1 164.0	3.6 2 182.0	3.8 12 952.0
<u>AFRICA</u> (1)	4.7	0.1	0.2	4.4	...	-	-	-	-	-	-	-
<u>ZAIRE</u>	4.7	0.1	0.2	4.4	...	-	-	-	-	-	-	-
<u>NORTH AND CENTRAL AMERICA</u> (2)	0.1 47.0	-	-	-	-	-	-	-	5.0	7.0	14.0	0.1 19.0
<u>COSTA RICA</u>	14.0	-	-	-	-	-	-	1.0	1.0	2.0	4.0	6.0
<u>HONDURAS</u>	0.1 33.0	-	-	-	-	-	-	1.0	4.0	5.0	10.0	0.1 13.0
<u>SOUTH AMERICA</u> (2)	0.7 3 430.0	-	-	-	-	1.0	1.0	-	0.1 3.0	0.2 28.0	0.1 43.0	0.3 3 345.0
<u>PERU</u>	0.6 3 415.0	-	-	-	-	1.0	1.0	3.0	6.0	21.0	41.0	0.3 3 342.0
<u>VENEZUELA</u>	0.1 15.0	-	-	-	-	-	-	-	0.1 2	0.1 7	2	3
<u>EUROPE</u> (5)	18.4 11 045.0	1.2 -	0.7 1.0	1.1 4.0	1.4 11.0	2.0 28.0	1.6 52.0	0.7 51.0	0.5 127.0	2.4 1 129.0	3.5 2 125.0	3.3 7 517.0
<u>AUSTRIA</u>	1.4 217.0	0.1 -	0.2 -	0.2 1.0	0.2 2.0	0.2 3.0	0.2 7.0	0.1 9.0	0.1 13.0	0.1 182.0	...	-
<u>BELGIUM</u>	6.9 118.0	0.8 -	0.5 1.0	0.9 3.0	1.2 9.0	1.7 24.0	1.3 40.0	0.4 26.0	0.1 15.0	...	-	-
<u>CZECHOSLOVAKIA</u>	6.0 3 964.0	-	-	-	-	-	-	-	67.0	840.0	1 775.0	1.0 1 279.0
<u>HUNGARY</u>	2.7 5 911.0	0.1 -	-	-	-	-	1.0	1.0	0.1 4.0	0.1 31.0	0.3 232.0	2.1 5 642.0
<u>YUGOSLAVIA</u>	1.4 835.0	0.2 -	-	-	-	0.1 1.0	0.1 4.0	0.2 12.0	0.2 28.0	0.2 76.0	0.2 118.0	0.2 596.0
<u>OCEANIA</u> (1)	0.1 2 071.0	-	-	-	-	-	-	-	-	-	-	0.1 2 071.0
<u>AUSTRALIA</u>	0.1 2 071.0	-	-	-	-	-	-	-	-	-	-	0.1 2 071.0

Number: in thousands
Area: in thousand hectares
TABLE 5.16 - Number and area of holdings operated through a hired manager, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Under 1 ha	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
TOTAL (14)	576.9 114 656.3	185.1 71.7	50.3 65.9	62.6 185.4	37.9 277.7	44.8 632.6	53.6 1 772.0	38.2 2 745.0	33.2 4 877.0	35.8 11 839.0	16.1 12 400.0	19.3 79 790.0
AFRICA (1)	0.5 0.3	0.4 0.2	0.1 0.1	...	...	...	...	...	...	...	...	...
SIERRA LEONE 1/	0.5 0.3	0.4 0.2	0.1 0.1	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (3)	5.7 1 821.0	0.4 0.5	0.2 0.8	0.6 2.4	0.5 3.7	0.5 6.6	0.8 26.0	0.7 52.0	0.6 98.0	0.8 453.0	0.3 237.0	0.3 941.0
COSTA RICA	5.0 1 292.0	0.4 0.5	0.2 0.5	0.5 2.0	0.4 3.0	0.4 5.0	0.7 22.0	0.6 44.0	0.5 77.0	0.8 239.0	0.3 208.0	0.2 691.0
JAMAICA	194.0	0.3	0.3	0.3	0.5	0.9	1.0	2.0	9.0	180.0	...	...
PANAMA	0.7 335.0	...	...	0.1 0.1	0.1 0.2	0.1 0.7	0.1 3.0	0.1 6.0	0.1 12.0	...	...	0.1 250.0
SOUTH AMERICA (4)	320.0 107 300.0	18.0 8.0	17.0 23.0	34.0 114.0	32.0 239.0	36.0 540.0	50.0 1 668.0	36.0 2 587.0	31.0 4 532.0	33.0 10 768.0	15.0 11 571.0	18.0 75 250.0
BRAZIL	2/203.0 80 702.0	7.0 4.0	8.0 11.0	20.0 66.0	17.0 125.0	21.0 299.0	33.0 1 051.0	24.0 1 688.0	22.0 3 158.0	25.0 7 927.0	12.0 8 780.0	14.0 57 593.0
COLOMBIA	85.0 12 287.0	9.0 4.3	6.0 8.0	9.0 32.0	11.0 90.0	11.0 192.0	13.0 493.0	9.0 711.0	7.0 1 080.0	6.0 2 028.0	2.0 1 734.0	2.0 5 915.0
PERU	7.0 5 157.0	1.0 ...	1.0 1.0	1.0 4.0	1.0 5.0	1.0 10.0	1.0 27.0	1.0 43.0	...	123.0	178.0	4 688.0
VENEZUELA	3/25.0 9 154.0	1.0 ...	2.0 3.0	4.0 12.0	3.0 19.0	3.0 39.0	3.0 97.0	2.0 145.0	2.0 216.0	2.0 690.0	1.0 879.0	2.0 7 054.0
ASIA (3)	211.5 438.0	153.0 58.0	32.9 42.0	15.9 46.0	5.2 33.0	2.9 40.0	1.1 26.0	0.2 11.0	0.1 17.0	0.1 32.0	0.1 133.0	...
INDONESIA 4/	205.0 201.0	152.0 57.0	32.0 41.0	15.0 44.0	4.0 26.0	2.0 33.0	...	...	...	...	...	...
IRAQ	5.0 237.0	0.6 1.0	0.8 1.0	0.7 2.0	1.0 7.0	0.6 7.0	0.9 26.0	0.1 11.0	0.1 17.0	0.1 32.0	0.1 133.0	...
LEBANON	1.5	0.4	0.1	0.2	0.2	0.3	0.2	0.1	...	...	...	...
EUROPE (3)	39.2 5 097.0	13.3 5.0	0.1 ...	12.1 23.0	0.2 2.0	5.4 46.0	1.7 52.0	1.3 95.0	1.5 230.0	1.9 586.0	0.7 459.0	1.0 3 599.0
CZECHOSLOVAKIA	2 009.0	...	...	...	...	...	0.2 5.0	0.1 5.0	0.1 21.0	0.2 64.0	0.1 59.0	0.5 1 852.0
PORTUGAL	31.8 526.0	13.2 5.0	...	11.8 22.0	...	5.1 41.0	0.8 23.0	0.3 21.0	0.2 25.0	0.2 53.0	0.1 62.0	0.1 274.0
UNITED KINGDOM	6.2 2 562.0	0.1 ...	0.1 ...	0.3 1.0	0.2 2.0	0.3 5.0	0.7 24.0	0.9 66.0	1.2 184.0	1.5 469.0	0.5 338.0	0.4 1 473.0

1/ Small holdings. 2/ Excluding 3 000 holdings of size not reported. 3/ Excluding 0.3 holdings without land. 4/ Small farms.

TABLE 5.17 - Fragmentation of holding

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Total number of holdings reporting	Holdings consisting of:					Total number of parcels	Average number of parcels per holding	Average area per parcels (ha)
			1 parcel	2 or 3 parcels	4 or 5 parcels	6 to 9 parcels	10 or more parcels			
TOTAL (45)		39 343 708	8 242 016	15 890 642	5 079 207	3 080 867	1 156 286	80 175 728	4.1	1.4
AFRICA (15)		8 388 700	1 147 092	2 188 545	884 595	300 427	44 061	19 318 831	3.1	0.9
ANGOLA	1969/70	1 067 230	235 859	563 497	213 446	52 293	2 135	2 961 698	2.8	1.4
BOTSWANA	1969	48 014	...	...	...	...	...	74 036	1.5	3.1
CAMEROON	1972/73	925 895	170 752	434 714	225 984	81 482	12 963	...	...	...
CENTRAL AFRICAN REPUBLIC	1973/74	283 450	11 948	139 415	107 771	22 593	1 723	1 014 401	3.6	0.5
CHAD	1972/73	366 475	76 640	168 637	88 399	29 390	3 409	...	...	...
CONGO	1972/73	143 485	4 076	63 196	43 772	24 710	7 731	...	...	...
GABON	1974/75	71 074	...	...	...	...	...	159 381	2.2	0.5
GHANA	1970	805 200	201 300	394 600	128 800	64 400	16 100	2 155 000	2.7	1.2
LESOTHO	1970	185 076	57 299	117 126	10 651	...	...	402 220	2.2	0.9
LIBERIA	1971	121 392	...	...	...	...	...	203 300	1.7	1.8
LIBYA	1974	160 999	...	...	...	...	...	550 122	3.4	3.8
MALAWI	1968/69	885 000	...	...	...	...	...	2 753 900	3.1	0.5
SWAZILAND 2/	1971/72	38 808	3/ 20 218	4/13 560	5/ 3 572	5/ 1 458	...	108 059	2.8	1.0
ZAIRE	1970	2 537 502	...	...	...	...	...	8 936 718	3.5	0.7
ZAMBIA 2/	1970/71	749 100	369 000	293 800	62 200	24 100	...	...	...	...
NORTH AND CENTRAL AMERICA (8)		1 538 377	264 799	87 109	5 132	1 089	93	2 224 678	1.7	4.3
BELIZE	1973	10 004	...	...	...	...	...	10 743	1.1	21.6
COSTA RICA	1973	76 998	61 015	13 533	1 859	579	12	103 489	1.3	30.2
DOMINICAN REPUBLIC	1971	304 820	...	...	...	...	...	550 580	1.8	5.0
EL SALVADOR	1970/71	270 868	194 646	72 394	3 243	508	77	...	...	...
HAITI	1971	516 710	...	...	...	...	...	1 118 230	1.8	0.8
JAMAICA	1968/69	193 359	...	...	...	...	...	296 882	1.5	2.0
PANAMA	1971	105 272	...	...	...	...	...	144 754	1.4	14.5
ST. LUCIA	1973/74	10 346	9 128	1 182	30	...	4	...	...	...
SOUTH AMERICA (2)		1 098 700	309 825	342 855	200 939	192 588	52 493	4 765 708	4.3	5.0
PERU 1/	1971/72	1 082 629	299 284	337 937	200 449	192 490	52 469	4 741 207	4.4	5.0
SURINAME	1969	16 071	10 541	4 918	490	98	24	24 501	1.5	3.8
ASIA (9)		21 687 478	5 333 959	11 817 483	2 813 358	1 048 570	149 975	13 263 952	3.0	1.9
BAHRAIN	1973/74	855	774	78	3	...	...	957	1.1	3.9
INDONESIA 8/	1973	14 373 542	2 074 249	9 416 831	2 181 048	701 414	...	...	...	...
IRAQ	1971	539 157	328 987	146 427	41 419	19 016	3 308	...	...	...
JORDAN	1975	50 791	24 740	17 447	5 858	2 365	381	112 280	2.2	3.5
KUWAIT	1970	449	443	6	...	...	...	455	1.0	6.0
PAKISTAN 9/	1971/72/73	3 664 090	1 376 661	1 460 368	442 790	245 859	136 212	10 627 736	2.9	1.8
PHILIPPINES	1971	2 354 469	1 446 927	715 291	123 723	68 528	...	...	...	...
SAUDI ARABIA, Kingdom of	1973/74	179 992	80 978	61 035	18 517	11 388	8 074	491 665	2.7	2.5
SYRIA	1970/71	524 133	...	...	...	...	...	2 030 859	3.9	2.3

(Continued)

See footnotes at end of table.

TABLE 5.17 - Fragmentation of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Total number of holdings reporting ^{1/}	Holdings consisting of:					10 or more parcels	Total number of parcels	Average number of parcels per holding	Average area per parcel (ha)
			1 parcel	2 or 3 parcels	4 or 5 parcels	6 parcels	9 parcels				
<u>EUROPE</u> (8)		6 573 701	1 181 672	1 452 789	1 175 049	1 538 105	909 664	40 602 559	6.2	0.9	
BELGIUM	1970	179 462	55 518	10/54 082	-	11/40 665	29 197	919 067	5.1	1.7	
GERMANY, Federal Republic of ^{12/}	1971	1 064 077	124 121	13/109 687	14/284 706	5/45 563	...	9 316 679	8.8	1.6	
GREECE	1971	970 620	-	15/35 158	214 140	210 800	194 100	6 334 340	6.5	0.6	
HUNGARY ^{16/}	1972	760 925	431 817	300 146	23 297	4 770	895	1 243 378	1.6	0.4	
MALTA	1968/69	10 718	3 960	3 751	1 777	870	360	31 603	2.9	0.5	
NETHERLANDS	1970	181 119	53 269	10/80 813	-	11/36 418	10 619	651 511	3.6	3.3	
PORTUGAL	1968	808 804	199 329	206 503	122 304	124 501	156 167	5 162 428	6.4	1.0	
YUGOSLAVIA ^{16/}	1969	2 597 976	313 658	662 649	528 825	574 518	518 326	16 943 553	6.5	0.6	
OCEANIA (3)		6 752	4 669	1 861	134	88	...	...	...	...
AMERICAN SAMOA	1970	1 889	979	688	134	88	...	...	...	...
GUAM	1970	1 113	1 001	112	...	-	-	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1970	3 750	2 689	1 061	...	-	-	...	...	...

1/ Excluding holdings without land. 2/ Traditional sector. 3/ Holdings with 1-2 parcels. 4/ Holdings with 3-4 parcels. 5/ Holdings with 5-6 parcels.
6/ Holdings with 7 or more parcels. 7/ Excluding holdings with less than 0.5 ha. 8/ Excluding estates. 9/ Excluding Kalat Division. 10/ Holdings with
2-4 parcels. 11/ Holdings with 5-9 parcels. 12/ Fragmentation of agricultural area. 13/ Holdings with 2 parcels. 14/ Holdings with 3-5 parcels.
15/ Holdings with 1-3 parcels. 16/ Individual holdings.

6. CROPS - AREA AND PRODUCTION

6.1 Reporting of area and production of crops

Production of crops is by far the most important agricultural activity in many countries. In the 1970 decade, the total area of arable land and land under permanent crops in the 81 reporting countries was about 684 million ha or 34 percent of total area of holdings. This measure of the importance of crops is also an underestimate because in many cases the same land is used more than once during the agricultural year for crop production.

The 1970 Programme recommended the collection by all countries of data on area used for crop production. It also suggested the collection of data on crop production by countries on an optional basis, although the census of agriculture might not be the best means of securing reliable information on production. However, for many countries the census appeared to be almost the only statistical activity when data on production could be collected.

The 1970 Programme classified crops into three groups: crops grown on arable land, permanent meadows and pastures cut for hay and permanent crops. It also suggested that data be collected for cultivated field crops and trees only, excluding wild plants and trees.

For crops grown on arable land according to the 1970 Programme, "area harvested" should be reported. However, when the "area sown" or the "area under crops at the census date" or the "area planted" was reported, this should be clearly stated. For temporary crops grown alone, net area harvested had to be reported. For each temporary crop, information on area irrigated and area not irrigated was to be recorded on an optional basis when feasible.

The area to be reported for permanent meadows and pastures for hay was the area from which hay was or would be cut even if the meadows and pastures were grazed before or after the hay was cut. For permanent crops, the gross area occupied by each crop at the time of the census was to be reported. In the case of trees and vines the number of both those in productive and those in non-productive age were to be reported separately and area was to be reported only for trees in compact plantations and not for scattered trees. Senile trees or other trees no longer in production should generally not be enumerated.

In reporting area under crops cultivated simultaneously on the same land, it was suggested that, whenever possible, the area which each crop would have covered if it had been grown alone should be reported. In the case of mixed crops (when two or more kinds of temporary crops were grown simultaneously in the same field or when two or more kinds of permanent crops were grown together) and of associated crops (cultivation of both temporary and permanent crops on the same land) the 1970 Programme suggested that the total physical area of the field occupied by these crops should be divided between the two groups, temporary and permanent in proportion to the coverage of the area occupied by each of the component crops, otherwise, the whole area should be attributed to the crop which the holder considers as being the most important. A mixed crop which is normally grown and harvested as a mixture (e.g. mixed grain, grasses grown for hay, etc.) should be treated as a single crop without attempting to divide the area among its component crops.

For area under successive crops, the 1970 Programme suggested to count the area as many times as the number of successive harvesting, sowings or plantings performed on the same piece of land during the agricultural year. However, the area of crops whose products are picked or gathered more than once during the year should be reported only once.

The 1970 Programme proposed that reported crop production quantities should refer as closely as possible to the quantities at the harvest stage, i.e. before further processing.

The different concepts of crop areas used by the countries included in this report affected the comparability of data among countries. This was particularly important in the case of methods used in reporting areas of mixed and associated crops and in the recording of areas of successive crops. Only a few countries were able to follow the 1970 Programme recommendations to estimate the area which each crop would have occupied if it had been grown alone (United States, Canada, India). A large number of countries allocated the entire area to each of the crops in the mixture and some countries allocated the entire area to the most important crop in the mixture (e.g. Belgium, Swaziland, Switzerland). Another pattern of reporting area in mixed and associated crops was to treat differently mixture of temporary and mixture of permanent crops, in the case of mixed temporary crops the total area was assigned to the main crop but in the case of mixed fruit trees area was estimated which each type of fruit tree would have covered if it had been grown alone.

In reporting the area under successive crops a large number of countries followed FAO recommendation and counted area as many times as the number of successive sowings or plantings on the same piece of land during the year. In some African countries where crop area had to be measured only two main seasons were covered (Ghana) while in some others only one main season was included (Liberia).

With regard to the area for crops grown alone, a large number of countries followed the recommended procedure to report area harvested for temporary crops and gross area planted under permanent crops. For permanent meadows and pastures area from which hay was cut was reported by the majority of countries. For details of countries' practices in reporting area under crops in the 1970 censuses reference may be made to "Report on the 1970 World Census of Agriculture", FAO, Rome, 1977 (pages 37-41).

The areas under crops and crop production vary appreciably from year to year in the same country and among countries. The differences in the agricultural year to which country data refer are important limiting factors on inter-country comparability and on the aggregates shown in the tables presented in this report. These differences should also be borne in mind in interpreting the aggregated data for all or groups of the countries covered.

The kinds of crop grown and related areas and production vary greatly amongst countries depending on climatic and topographical conditions, food habits of people, market demand and the prevalence of subsistence agriculture in the poorer countries. Some crops like maize and wheat are grown in many countries; other crops like cocoyams and yams, sugarcane and hops are important crops in some regions and in relatively fewer countries. The use of some crops for food, others for livestock feed and some for industrial production is also an important factor. The presentation of information on crops in this report was primarily aimed at assembling data mainly for the principal crops important for food supply or for international trade. The data presented cover 32 temporary crops and 23 permanent crops. Table 6.1 shows the principal four temporary crops or groups of crops having the largest area in each country. Area, of course, does not necessarily measure the overall importance of individual crop, because there are large differences in the yields and the economic worth of crops within a country. Table 6.2 shows twelve most important permanent crops.

6.2 Area of temporary crops

The area of thirty-two main temporary crops for countries reporting area under these crops is given in Table 19.

Table 19 - Area of temporary crops - million ha
(Number of reporting countries is given in parenthesis)

Crop	Area	Crop	Area
Total (77)	371.1		
Wheat (38)	79.1	Cocoyams and yams (16)	2.2
Maize for grain (58)	53.8	Sesame seed (10)	2.1
Rice (39)	53.2	Tomatoes (32)	1.2
Sorghum and millet for grain (34)	52.9	Linseed (flax for seed) (5)	1.1
Barley (33)	27.0	Jute (2)	0.9
Soybeans for beans (13)	18.4	Tobacco (33)	0.8
Cotton (28)	17.9	Sunflower seed (10)	0.7
Oats (22)	15.2	Sweet potatoes (24)	0.7
Groundnuts (32)	10.5	Edible dry peas (24)	0.6
Edible dry beans (39)	6.9	Green peas (6)	0.3
Sugarcane (31)	6.9	Cabbages (24)	0.2
Cassava (manioc) (27)	4.8	Dry broad beans (8)	0.1
Potatoes (46)	4.2	Mustard seed (5)	0.1
Rapeseed (12)	3.8	Lentils (5)	0.1
Rye (22)	2.7	Green beans (10)	0.1
Sugar beets (22)	2.5	Buckwheat (3)	0.1

The area of the crops in Table 19 totalled about 371 million ha for the 77 countries which represented almost 40 percent of all area under temporary crops in the world around 1970. The area of cereal crops totalled approximately 284 million ha and represented about 77 percent of the total area for 32 temporary crops. The area of wheat and rice as main food crops was about 36 percent of all data under the 32 temporary crops, and maize represented about 15 percent. Maize was an important feed crop in North American and European countries but elsewhere maize was mainly grown as food grain. Some data on crops were not tabulated in this report either because very few countries reported them or because data were available for groups of crops only. Thus data on pulses were not shown for India (21 million ha) and for Pakistan (1.6 million ha).

Apart from general data on area of individual crops presented for each reporting country, data were assembled in special tables for each of the crops wheat, rice and maize showing the distribution of holdings growing each of these crops by size of holding. Table 6.4 shows data on number of holdings reporting wheat classified by size of holding, for 23 countries, and Table 6.5 shows for nine countries the distribution of holdings reporting wheat, by size of holding. Information shown for these countries in the two tables indicated that wheat was grown mainly on small and medium size holdings. Proportion of small holdings under 5 ha in size cropping wheat was 55 percent of all 10.5 million holdings reporting, and holdings with the land from 5 to under 20 ha in size comprised 27 percent of all holdings growing wheat. By far, the prevalent area of wheat harvested was area with fields less than 1 ha. Out of the 6 million holdings reporting wheat harvested, 76 percent harvested wheat from area less than 1 ha. This percentage was particularly large in Japan, Korea and Czechoslovakia which counted plots assigned to participants in co-operatives for individual use as separate holdings.

Similar indications are reflected by data for rice, for which the distribution of holdings reporting rice by size of holding is presented in Table 6.6 for 17 countries and the distribution of holdings reporting rice, by size of area of rice harvested is presented in Table 6.7 for 6 countries. From these two distributions it appears that about 70 percent of all holdings reporting rice are holdings under 5 ha of land. Holdings with land less than 1 ha constitute about 32 percent of all holdings reporting rice in the 17 countries for which data were available. About 98 percent of holdings growing rice harvested from area less than 5 ha and about 68 percent of holdings harvested rice from area less than 1 ha.

Data on the distribution of holdings growing maize by size of holding for 29 countries are presented in Table 6.8 and the distribution of holdings by size of area of maize harvested for 8 countries is shown in Table 6.9. Available data indicate that small holdings under 5 ha of land are predominantly engaged in growing maize as they constitute about 69 percent of all holdings reporting maize. Holdings ranging in size from 2 to under 5 ha are the most numerous group growing maize in the countries reporting. They represent about 27 percent of all holdings in the reporting countries. Area of maize harvested from holdings of size less than 1 ha was reported by about 60 percent of holdings, while only 6 percent of holdings reported that they had harvested area of maize from holdings larger than 50 ha.

6.3 Area of permanent crops

Available census information on area under crop, number of trees of productive age, number of trees of nonproductive age and quantity produced were compiled for 23 permanent crops. The areas reported for compact plantations in permanent crops are shown in Table 20 below.

Table 20 - Area of permanent crops - thousand ha
(Number of reporting countries is given in parenthesis)

Crop	Area	Crop	Area
Total (52)	26 132		
Coffee (27)	5 327	Peaches (13)	339
Grapes (20)	3 557	Pears (12)	193
Cacao (20)	3 518	Walnuts and almonds (4)	167
Coconuts (19)	3 009	Figs (4)	148
Plantains (14)	2 334	Plums and prunes (8)	107
Olives (8)	2 050	Grapefruit (9)	88
Bananas (28)	1 854	Cherries (6)	79
Oranges (20)	1 032	Lemons (8)	71
Apples (18)	664	Mangoes (11)	49
Pineapples (20)	654	Dates (3)	34
Rubber (5)	479	Mandarines (6)	21
Tea (5)	358		

Reported area under permanent crops for many countries was incomplete; hence, the total area which appears in the tables giving data on individual crops is likely to be underestimated. Accordingly, the areas in compact plantations reported for the 23 permanent crops in Table 20 account for only a part of the total land under permanent crops. This applies particularly to area in plantations of cherries, apples, plums and prunes, pears, oranges, coffee, lemons and grapefruit. Furthermore, many countries for which data on individual crops were presented in various tables in this report did not report information on area and number of trees of productive and of nonproductive age, especially for citrus fruits, olives and figs.

6.4 Production of crops

Data on production of temporary crops were available for only part of the countries for which information on arable land or crop area was available. In most countries for which data on production of temporary crops was presented in various tables in this report, production data represented totals of estimates obtained from holder or his representative; in other countries data were not determined for all holdings but from a sample of holdings. Production data for crops like certain vegetables, cassava and yams which were often harvested more than once for home consumption are likely to be underestimated in most countries.

Information on production of individual permanent crops was also available for a small number of countries only and very often data were underestimated and inconsistent. Thus, for many countries the procedures used in the census were not a satisfactory method for the collection of data on area and production of trees. This is especially so in those countries where permanent crops are grown in mixtures or in association with each other, and also in the countries where oranges and plantains, coffee and cacao and bananas are interplanted in order to provide satisfactory shade for optimum growth and production.

Generally, data on production obtained by the 1970 census presented in this report could not be considered as adequately representative for all countries. Production of crops obtained by current agricultural surveys and published regularly by countries are of better coverage than data obtained by the census for the large majority of countries. It is recognized that the census of agriculture is not the best means for obtaining information on crop production.

TABLE 6.1 - Four most important temporary crops for each country according to the area occupied

Countries by continents (number of reporting countries is given in parenthesis)	First crop		Second crop		Third crop		Fourth crop	
	Total arable land (1 000 ha)	Name	Area (1 000 ha)	Name	Area (1 000 ha)	Name	Area (1 000 ha)	Name
TOTAL (72)	615 149							
AFRICA (20)	27 132							
ANGOLA	...	Maize	1 419	Cassava (manioc)	626	Millet	220	Edible dry beans
BOTSWANA	228	Sorghum	105	Maize	47	Millet	31	Beans and cowpeas
CAMEROON	1/1 481	Cocoyams	533	Maize	492	Cassava (manioc)	479	Groundnuts
CENTRAL AFRICAN REPUBLIC	1/ 962	Millet and sorghum	300	Cotton	151	Groundnuts	123	Maize
CHAD	1/ 962	Millet and sorghum	573	Beans	262	Cotton	262	Groundnuts
CONGO	99	Cassava (manioc)	160	Maize	53	Yams	41	Groundnuts
GHANA	993	Maize	344	Cocoyams	359	Cassava (manioc)	326	Finger millet
IVORY COAST	939	Maize	481	Cocoyams	402	Rice	355	Cassava (manioc)
KENYA 2/	3/1 760	Maize	1 195	Beans	763	Cowpeas	271	English potatoes
LESOTHO	372	Summer maize	129	Summer sorghum	83	Winter wheat	71	Summer wheat
LIBERIA	126	Cassava (manioc)	90	Rice	89	Sugarcane	6	Maize
LIBYA	4/1 892	Barley	388	Wheat	160	...	-	...
MALAWI	5/1 361	Maize	1 068	Pulses	841	Millet and sorghum	496	Groundnuts
REUNION	45	Sugarcane	33	Geranium	4	Maize	3	...
SIERRA LEONE 2/	3/ 402	Rice	327	Upland rice	243	Swampland rice	84	Cassava (manioc)
SOUTH AFRICA	6/11 620	Maize	4 179	Wheat	1 527	Groundnuts	374	Oats
SWAZILAND	148	Maize	69	Sugarcane	13	Cotton	4	Groundnuts
TOGO 1/	295	Maize	128	Sorghum	105	Dry beans	73	Millet
ZAIRE 1/	3/3 842	Sugarcane	10	Cassava (manioc)	2	Groundnuts	2	Maize
ZAMBIA	5/8/133	Maize	1 007	Cassava (manioc)	162	Groundnuts	161	Millet
NORTH AND CENTRAL AMERICA (14)	248 245							
BELIZE	74	Sugarcane	19	Maize	12	Rice	3	Red kidney beans
CANADA	38 569	Wheat	7 854	Barley	5 657	Cultivated hay	5 002	Oats for grain
COSTA RICA	283	Rice	65	Maize	52	Edible dry beans	27	Sugarcane
DOMINICAN REPUBLIC	827	Sugarcane	180	Rice	75	Maize	61	Groundnuts
EL SALVADOR	486	Cotton	64	Maize (hybrid)	61	Maize (ordinary)	46	Sugarcane for sugar
GUATEMALA	45	Sugarcane	30	...	-	...	-	...
HONDURAS	1 413	Sugarcane	29	Maize	287	Beans	62	Sorghum
JAMAICA	194	Sugarcane	64	Yams	10	Potatoes	1	...
MEXICO	21 688	Maize	5 233	Wheat	695	Sorghum	644	Hay and forage crops
PANAMA	431	Rice	93	Maize	65	Sugarcane	24	Kidney beans (dry)
PUERTO RICO	139	Sugarcane	71	Pigeon peas	2.4	Taniers	2	Tobacco
ST. LUCIA	5	Tannias, dasheen, eddoes	0.7	Sweet potatoes	0.4	Yams	0.2	Cassava (manioc)
UNITED STATES 2/	3/184 085	Maize	121 263	Hay and forage crops	18 085	Wheat	18 361	Soybeans for beans
VIRGIN ISLANDS (U.S.)	4	Sorghum for grain	0.2	Maize	0.03	Cassava (manioc)	0.02	Forage crops

(continued)

See footnotes at end of table.

TABLE 6.1 - Four most important temporary crops for each country according to the area occupied (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total arable land (1 000 ha)	First crop		Second crop		Third crop		Fourth crop	
		Name	Area (1 000 ha)	Name	Area (1 000 ha)	Name	Area (1 000 ha)	Name	Area (1 000 ha)
<u>SOUTH AMERICA</u> (4)									
BRAZIL	33 787								
PERU	26 000	Millet	10 670	Rice	4 312	Beans	4 082	Soya	2 186
URUGUAY	3 143	Maize	439	Potatoes	269	Barley	213	Wheat	161
VENEZUELA	1 803	Hay and forage crops	702	Wheat	450	Maize	227	Flax for fiber	140
	2 841	Maize	575	Sesame	156	Rice	143	Kidney beans	91
<u>ASIA</u> (11)	184 866								
BAHRAIN	1	Alfalfa	0.3	Tomatoes	0.1	Radishes	0.04	Cucumbers	0.03
INDIA	148 693	Rice	36 125	Wheat	18 268	Sorghum	16 788	Millet	13 544
IRAQ	4 848	Wheat	1 844	Barley	902	Rice	107	Cotton	36
ISRAEL	301	Wheat	111	Cotton	35	Winter hay, mainly vetch	28	Barley	24
JAPAN	4 373	Paddy field rice	3 173	Wheat	287	Potatoes	177	Barley, naked barley	175
KOREA, REP. OF	2 007	Paddy rice	1 172	Common barley	343	Naked barley	306	Soybeans	226
KUWAIT	1	Melons	0.1	Tomatoes	0.1	Alfalfa	0.06	White radish	0.03
PAKISTAN	18 288	Wheat	6 511	Fodder crops	2 729	Cotton	2 384	Rice	1 789
PHILIPPINES	4 644	Rice	2 969	Maize	2 293	Sugarcane	326	Sweet potatoes	132
SAUDI ARABIA, Kingdom of	1 035	Sorghum	81	Wheat	39	Millet	37	May and forage crops	31
SRI LANKA	675	Rice	509	...	-	...	-	...	-
<u>EUROPE</u> (17)	68 412								
AUSTRIA	1 470	Barley	292	Wheat	267	Hay and forage crops	225	Rye	140
BELGIUM	753	Wheat	181	Barley	169	Hay and forage crops	90	Sugar beets	89
CZECHOSLOVAKIA	5 146	Hay and forage crops	1 591	Wheat	1 077	Barley	801	Potatoes	337
DENMARK	2 937	Barley	1 352	Hay and forage crops	244	Oats	184	Winter wheat	81
FINLAND	2 669	Hay and forage crops	967	Oats	483	Barley	373	Spring wheat	123
FRANCE	16 086	Wheat	3 669	Barley	2 854	Maize	1 441	Oats	793
GERMANY, FED. REP. OF	7 377	Wheat	150	Barley	1 478	Rye	842	Oats	823
HUNGARY	4 955	Maize	1 392	Wheat	1 317	Hay and forage crops	1 102	Spring barley	147
ITALY	8 840	Wheat	3 694	Maize	699	Sugar beets	235	Rice	174
LUXEMBOURG	65	Barley	18	Hay and forage crops	14	Oats	13	Wheat	11
MALTA	14	Hay and forage crops	3	Potatoes	3	Wheat	1	Barley	1
NETHERLANDS	821	Potatoes	157	Wheat	142	Sugar beets	104	Barley	103
NORWAY	729	Barley	185	Oats	54	Potatoes	33	Hay and forage crops	21
SWEDEN	3 028	Hay and forage crops	820	Barley	652	Oats	565	Wheat	247
SWITZERLAND	368	Hay and forage crops	119	Wheat	99	Barley	37	Potatoes	32
UNITED KINGDOM	7 129	Barley	2 244	Hay and forage crops	1 172	Wheat	1 009	Oats	376
YUGOSLAVIA	6 025	Maize	1 982	Wheat	1 709	Hay and forage crops	598	Potatoes	210

See footnotes at end of table.

(continued)

TABLE 6.1 - Four most important temporary crops for each country according to the area coupled (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total arable land (1 000 ha)	First crop		Second crop		Third crop		Fourth crop	
		Name	Area (1 000 ha)	Name	Area (1 000 ha)	Name	Area (1 000 ha)	Name	Area (1 000 ha)
OCEANIA (6)	52 707								
AMERICAN SAMOA	1	Taro	0.5	Giant taro	0.05	Yams	0.02	Sugarcane for thatching	0.02
AUSTRALIA	43 744	Hay and forage crops	39 360	Wheat	6 478	Barley	2 000	Oats	1 553
FIJI	82	Sugarcane	53	Cassava (manioc)	0.04	Cocoyams	5	Yams	1
GUAM	4	Cucumbers	0.04	Taro	107	Green beans	0.04	Melons	0.04
NEW ZEALAND	8 864	Hay and forage crops	753	Wheat	0.9	Barley	96	Oats	16
PACIFIC ISLANDS (TRUST) TERRITORY)	12	Taro	1	Yams		Sweet potatoes		Rice	0.07

1/ Cultivated land. 2/ Small farms. 3/ Total country. 4/ Cropland. 5/ Cultivable land. 6/ Area under cultivation. 7/ Modern sector. 8/ Commercial sector. 9/ Holdings with sales of \$2 500 and over.

TABLE 6.2 - Area of principal permanent crops

Countries by continents (number of reporting countries is given in parenthesis)	Total cropland	Land under permanent crops	Citrus trees	Pomefruit trees	Stone fruit trees	Grapes	Olives	Bananas	Plantains	Coffee	Cacao	Tea	Coconut	Rubber
<u>TOTAL (52)</u>	445 117	29 994	1 403	858	591	3 557	2 050	1 854	2 333	5 327	3 518	358	3 008	480
<u>AFRICA (15)</u>	23 865	5 214	37	...	...	32	141	848	2 183	2 203	2 874	72	133	263
ALGERIA	5 208	214	5	...	...	32	1/141	...	...	...	...	...	...	...
ANGOLA	...	...	...	...	...	...	...	488	647	348	397	...	...	...
CAMEROON	1 490	...	...	...	...	...	...	11	19	27	...	...	...	...
CENTRAL AFRICAN REPUBLIC	491	...	...	...	...	...	...	7	43	4	...	...	...	...
CONGO	197	97	...	...	...	...	...	...	...	...	...	...	...	...
GHANA	2 574	1 581	24	...	...	...	...	...	2/575	29	1 452	...	37	10
IVORY COAST	2 753	1 814	...	...	...	...	...	174	899	1 246	922	...	35	...
KENYA	2 554	794	...	...	...	...	...	131	...	111	...	...	51	...
KENYA	2 554	794	...	...	...	...	...	...	2/0.3	19	18	...	...	196
LIBERIA	356	240	1	...	...	...	...	...	...	71	47	...	1	...
SIERRA LEONE	521	118	5	...	...	...	...	2	...	...	...	...	...	...
SOUTH AFRICA	...	...	...	...	...	...	...	9	...	...	...	...	...	...
SWAZILAND	151	3	2	...	...	...	...	0.2	...	18	...	...	9	...
TANZANIA	3 070	...	...	...	...	...	...	26	...	19	14	...	...	...
TOGO	329	34	...	...	...	...	...	...	...	98	16	...	...	...
ZAIRE	4 161	319	...	...	...	...	...	...	...	...	...	7	...	57
<u>NORTH AND CENTRAL AMERICA (11)</u>	251 966	4 231	665	324	268	247	15	173	85	905	140	...	170	...
CANADA	38 650	82	...	42	10	10	...	...	...	...	...	...	...	...
COSTA RICA	490	207	0.5	...	...	...	...	36	10	83	20	...	1	...
DOMINICAN REPUBLIC	1 144	318	...	...	...	...	...	26	63	131	65	...	26	...
EL SALVADOR	652	163	4	...	...	...	...	2	1	147	0.1	...	3	...
EL SALVADOR	652	163	4	...	...	...	...	7	...	...	...	...	...	...
GUADELOUPE	53	8	...	...	...	...	...	...	...	116	...	...	4	...
HONDURAS	1 596	183	4	...	...	...	...	19	9	...	...	...	...	...
JAMAICA	249	55	7	...	...	...	...	17	...	3	3	...	16	...
MEXICO	23 138	1 450	151	24	19	17	4	56	...	375	52	...	112	...
PUERTO RICO 3/	207	58	6	...	...	...	...	6	2	49	...	...	2	...
ST. LUCIA	17	12	0.2	...	...	...	...	4	...	...	0.1	...	6	...
UNITED STATES 4/	5/185 770	1 685	492	258	239	220	11	0.2	...	0.5	...	...	...	...
<u>SOUTH AMERICA (4)</u>	40 964	8 950	259	7	3	61	3	583	65	2 103	497	2	54	...
BRASIL	33 984	7 984	297	...	...	61	...	440	...	1 636	420	...	...	...
PERU	3 436	293	17	7	2	...	3	70	...	160	6	2	19	...
SURINAME	38	8	3	...	...	...	...	2	0.5	0.9	0.5	...	2	...
VENEZUELA	3 506	665	32	...	1	...	...	71	64	306	70	...	33	...
<u>ASIA (7)</u>	17 722	4 428	238	113	53	38	9	236	...	116	5	284	2 579	217
ISRAEL	380	79	40	5	3	8	9	2	...	...	...	...	...	...
JAPAN	4 849	475	177	79	37	23	...	...	...	...	...	50	...	...
JORDAN	347	30	3	0.6	0.6	...	...	...	...	...	...	...	...	...

(continued)

See footnotes at end of table.

TABLE 6.2 - Area of principal permanent crops (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total cropland	Land under permanent crops	Citrus trees	Pomefruit trees	Stone fruit trees	Grapes	Olives	Bananas	Plantains	Coffee	Cacao	Tea	Coconut	Rubber
ASIA (cont'd)														
KOREA, Republic of	2 118	110	3	27	11	6	...	...	...	116	...	...	2 128	...
PHILIPPINES	7 176	2 532	14	1	1	...	...	234	...	0.1	5	...	...	11
SAUDI ARABIA, Kingdom of	1 115	80	1	...	0.1	0.8	...	0.1	...	...	...	...	...	...
SRI LANKA	1 797	1 122	...	...	...	...	...	...	...	...	...	234	...	206
EUROPE (13)	66 464	6 921	204	414	267	3 116	1 882	...	...	...	...	...	...	...
AUSTRIA	1 558	88	...	...	...	46	...	...	...	...	...	...	...	...
CZECHOSLOVAKIA	5 259	113	...	27	8	34	...	...	...	...	...	...	...	...
DENMARK	2 941	4	...	2	...	...	...	...	...	...	...	...	...	...
FRANCE	17 575	1 488	...	115	104	1 200	...	...	...	...	...	...	...	...
GERMANY, Federal Republic of	7 537	159	3	...	...	...	...	...	...	...	...	...	...	...
GREECE	3 516	841	42	16	20	182	508	...	...	...	...	...	...	...
HUNGARY	5 431	476	...	58	39	218	...	...	...	...	...	...	...	...
ITALY	11 903	3 063	147	146	78	1 212	1 085	...	...	...	...	...	...	...
LUXEMBOURG	66	1	...	...	...	1	...	...	...	...	...	...	...	...
MALTA	15	1	...	...	0.2	0.8	...	...	...	...	...	...	...	...
PORTUGAL	3 075	596	12	...	8	211	289	...	...	...	...	...	...	...
SWITZERLAND	387	19	...	3	...	11	...	...	...	...	...	...	...	...
UNITED KINGDOM	7 201	72	...	47	10	...	...	...	...	...	...	...	...	...
OCEANIA (2)	44 076	250	...	...	...	63	...	14	...	...	2	...	72	...
AUSTRALIA	43 930	186	...	...	...	63	...	10	...	...	...	...	...	...
FIJI	146	64	...	...	...	...	...	4	...	...	2	...	72	...

1/ Olives and figs. 2/ Plantains and bananas. 3/ Holdings with sales of US \$1 200 and over. 4/ Holdings with sales of US \$2 500 and over. 5/ Total country.

TABLE 6.3 -- Number of holdings reporting area, production and yield of wheat, rice and maize

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Wheat				Rice				Maize			
		Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha	Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha	Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha
TOTAL (69)		13 132 453	79 104 929	66 517 074		12 719 056	53 237 556	16 214 651		12 781 857	53 839 666	143 607 393	
AFRICA (20)		79 895	1 671 974	1 361 468	448	1 058 474	1 121 249	508 895		4 422 164	9 749 839	10 303 823	
BOTSWANA	1969	...	591	265	...	...	...	...	...	...	46 958	17 856	380
CAMEROON	1972-73	...	...	...	...	...	...	...	...	...	492 499	...	...
CENTRAL AFRICAN REPUBLIC	1973-74	...	...	...	...	...	8 828	...	...	...	99 612	...	...
CHAD	1972-73	...	...	...	...	...	51 578	...	...	...	13 502	...	...
CONGO	1972-73	...	...	...	...	7 131	5 302	...	...	112 713	53 448	...	...
GABON	1974-75	...	...	...	...	268	...	...	...	52 601	...	...	...
GHANA	1971	...	...	...	...	60 800	60 700	55 000	906	413 800	344 400	384 000	1 115
IVORY COAST 1/	1973-74	...	...	...	...	236 911	354 985	...	...	151 184	481 076	...	...
KENYA 2/	1974-75	...	...	...	...	...	...	...	...	1 277 800	1 194 600	953 239	798
LESOTHO	Aug. 1969- July 1970	40 629	106 397	57 902	544	...	...	...	...	122 835	129 253	66 513	515
LIBERIA	1971	...	...	...	...	105 959	88 718	...	...	23 028	5 158	...	...
MALAWI	April-June 1969	...	...	...	...	106 000	48 200	...	...	866 800	1 068 000	1 090 400	1 021
REUNION	1972-73	...	...	...	...	172 491	326 810	442 878	1 355	9 377	2 931	10 403	993
SIERRA LEONE	1970-71	...	...	...	...	...	1 160	2 866	2 471	...	4 178 857	6 701 939	1 604
SOUTH AFRICA	1970-71	...	1 526 943	1 302 154	853	...	...	...	...	...	...	...	...
SWAZILAND	June 1972	...	372	1 147 3 083	...	326 594	1 699	5 646	3 323	38 262	69 111	...	...
TANZANIA 3/	1971-72	39 226	37 671	...	...	...	153 391	...	...	708 315	423 132	...	...
TOGO	1970	...	...	...	...	...	19 878	2 505	...	...	127 849	151 543	...
ZAIRE	1970-71	...	...	...	...	...	...	...	...	...	1 647	...	...
ZAMBIA	1970-71	...	...	...	...	...	...	...	...	645 449	1 007 328	927 930	921
NORTH AND CENTRAL AMERICA (12)		720 898	26 911 023	37 921 364	...	145 577	1 263 419	5 025 746	...	1 427 152	27 654 518	118 076 847	...
BELIZE	1973-74	...	...	...	...	...	2 756	5 840	2 119	...	11 914	15 160	1 272
CANADA	1971	137 293	7 854 095	...	...	...	...	...	...	28 535	573 045	...	...
COSTA RICA	May 1972- April 1973	...	...	...	...	15 278	65 458	104 070	1 590	30 012	51 888	52 447	1 011
DOMINICAN REPUBLIC	1970-71	...	...	...	...	29 142	74 864	117 180	1 565	84 250	61 136	78 673	1 287
EL SALVADOR	May 1970- April 1971	...	...	...	...	18 571	14 328	30 475	2 126	72 800	107 309	264 175	2 461
HONDURAS	1974	...	...	...	...	16 093	13 550	19 958	1 472	165 953	287 023	343 340	1 197
MEXICO	1970	...	695 164	1 778 421	2 558	...	137 056	306 741	2 238	...	5 233 487	4 376 278	836
PANAMA	May 1970- April 1971	...	...	...	...	57 308	93 114	289 154	3 105	58 548	64 946	124 384	1 915

(continued)

See footnotes at end of table.

TABLE 6.3 - Number of holdings reporting area, production and yield of wheat, rice and maize (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Wheat			Rice			Maize					
		Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha	Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha	Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha
<u>NORTH AND CENTRAL AMERICA (cont'd)</u>													
PUERTO RICO ⁴	1969
ST. LUCIA	1973-74
UNITED STATES	1969	583 605	18 361 764	36 142 943	1 968	5/862 293	5/4 152 328	4 815	985 629	21 263 303	112 821 929	5 306	
VIRGIN ISLANDS (U.S.)	1969	...	...	...	...	...	...	...	10	3	7	2 333
<u>SOUTH AMERICA (5)</u>													
BRAZIL	1970	632 789	2 668 955	2 423 207	...	4 638 605	6 133 410	...	617 123	1 241 573	1 319 151	...	
PERU	July 1971- June 1972	378 164	2 057 899	1 905 961	926	4 312 134	5 271 272	1 222	...	...	...	...
	Nov. 1968- Oct. 1969	242 315	160 596	70 364	438	114 532	452 362	3 950	484 804	438 953	458 494	1 045	
SURINAME	1969	...	...	...	...	33 248	108 710	3 270	552	226	405	1 792
URUGUAY	1969	12 310	450 460	446 882	992	35 691	138 610	3 884	41 156	227 048	189 413	834	
VENEZUELA	1971	...	...	...	...	143 000	162 456	1 136	90 611	575 346	670 839	1 166
<u>ASIA (9)</u>													
INDIA	1970-71	5 937 863	27 180 042	38 954	...	45 956 641	4 185 977	...	2 424 708	5 191 627	1 927 880	...	
IRAQ	Oct. 1970- Sept. 1971	354 706	1 843 760	...	...	36 125 000	...	...	18 377	17 697	...	...
ISRAEL	1971-72	6 034	110 585	...	...	...	...	...	169	1 571	...	...
JAPAN ⁶	1969	1 277 109	286 500	...	...	3 274 300	...	...	246 080	40 065	...	...
KOREA, REP. OF	Dec. 1969- Nov. 1970	1 219 077	120 999	...	...	1 185 116	...	...	...	...	...	...
PAKISTAN	1971-72-73	3 080 937	6 511 477	...	...	1 788 723	...	...	1 169 722	678 605	...	...
PHILIPPINES	1970-71	...	...	...	...	2 967 009	4 185 909	1 411	990 360	2 293 118	1 926 398	840
SAUDI ARABIA, Kingdom of	1971-72	...	...	...	...	47	68	1 447	...	3 571	1 482	415
SRI LANKA	1973	...	...	...	...	508 974	...	...	...	...	...	...
<u>EUROPE (18)</u>													
AUSTRIA	1970	5 703 982	14 088 039	16 498 641	...	206 912	61 413	...	3 882 229	5 900 045	11 651 408	...	
BELGIUM	1970	141 220	266 877	...	...	...	...	...	84 835	119 098	...	...
CZECHOSLOVAKIA	1970	60 152	180 620	...	...	...	...	...	...	1 954	...	...
DENMARK	1970	833 803	1 077 512	3 173 936	2 946	...	...	...	397 223	125 488	513 453	4 092
FINLAND	July 1970	8/16 925	114 245	512 491	4 486	...	...	...	...	...	...	...
FRANCE	1970	65 988	203 521	481 400	2 365	...	...	...	...	...	...	...
	Nov. 1969- Oct. 1970	752 542	3 669 495	...	...	...	...	...	352 100	1 441 467	...	...
GERMANY, FED. REP. OF	1971	659 807	149 658	...	...	...	...	...	56 278	113 978	...	...
HUNGARY	1972	20 792	1 317 008	4 089 174	3 105	27 571	61 413	2 227	291 245	1 392 265	5 536 875	3 977	
IRELAND	1970	...	94 559	...	...	...	...	...	...	...	...	...
ITALY	Oct. 1970	1 540 329	3 694 186	...	...	173 896	...	...	738 878	699 230	...	...

See footnotes at end of table.

(continued)

TABLE 6.3 - Number of holdings reporting area, production and yield of wheat, rice and maize (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Wheat			Rice			Maize					
		Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha	Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha	Number of holdings reporting	Area (ha)	Production (m.t.)	Yield kg/ha
<u>EUROPE</u> (cont'd)													
LUXEMBOURG	1970	4 382	11 455	...	...	...	...	...	...	...	...	...	...
MALTA	Sept. 1968- 1969	2 672	1 268	1 750	1 380	...	...	...	...	...	...	...	...
NETHERLANDS	May-June 1970	24 511	141 501	...	...	...	...	...	...	6 391	...	...	...
NORWAY	1969	1 743	3 827	...	...	...	...	...	...	...	...	...	...
SWEDEN	1971	...	247 140	...	...	...	...	...	...	...	...	...	...
SWITZERLAND	1969	...	3 841	...	...	...	...	...	...	17 373	...	...	...
UNITED KINGDOM	1970	48 393	1 008 958	4 236 000	4 198	...	...	...	...	400	...	...	...
YUGOSLAVIA	April-May 1969	1 530 723	1 708 527	4 003 890	2 343	...	...	5 445	...	1 982 401	5 601 080	2 825	...
OCEANIA (5)													
AUSTRALIA	1970-71	57 026	6 584 896	8 273 440	...	11 182	50 730	299 210	...	102 064	328 284	...	...
FIJI	1968	50 974	6 478 300	7 889 777	1 218	1 589	40 800	299 124	5 616	85 700	212 015	2 474	...
GUAM	1969	...	...	...	...	9 500	9 855	...	...	1 519	...	...	...
NEW ZEALAND	1972	6 052	106 596	383 663	3 599	...	...	...	...	15	13	867	...
PACIFIC ISLANDS (TRUST TERRITORY)	1969	...	...	...	...	93	75	...	86	14 806	116 226	17 850	301 250

1/ Traditional sector. 2/ Small farms. 3/ Tanzania Mainland. 4/ Holdings with sales of \$1 200 and over. 5/ Holdings with sales of \$2 500 and over.

6/ Farm household. 7/ Paddy field rice. 8/ Winter wheat.

TABLE 6.4 - Number of holdings reporting wheat, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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 500 ha	500 and under 1 000 ha	1 000 ha and over
TOTAL (23)	10 474 392	1 968 939	1 214 389	2 549 825	1 652 008	1 176 074	937 037	391 298	444 201	121 089	19 532
AFRICA (1)	39 226	18 987	9 705	7 354	2 696	383	101	...	-	-	-
TANZANIA	39 226	18 987	9 705	7 354	2 696	383	101	...	-	-	...
NORTH AND CENTRAL AMERICA (2)	640 928	12	↓	↓	435	9 334	92 978	158 416	278 059	101 694	...
CANADA	137 293	12	↓	↓	80	2 536	21 912	44 583	43 573	24 597	...
UNITED STATES ^{1/}	503 635	↓	↓	↓	355	6 798	71 066	113 833	234 486	77 097	...
SOUTH AMERICA (2)	620 479	33 896	2 870	184 964	61 468	166 011	124 707	32 272	12 124	1 458	709
BRAZIL	378 164	441	2 870	31 147	61 468	118 766	124 707	25 494	11 398	1 164	709
PERU	242 315	33 455	↓	153 817	↓	47 245	↓	6 778	726	294	...
ASIA (3)	4 654 587	1 033 632	878 868	1 428 668	809 017	350 133	133 561	17 504	2 775	429	...
IRAQ	354 706	9 970	33 717	53 563	101 127	97 656	50 060	5 409	2 775	429	...
KOREA, REP. OF	1 219 077	692 589	419 954	106 534	...	...	...	...	...	...	...
PAKISTAN ^{2/}	3 080 804	331 073	425 197	1 268 571	707 890	252 477	83 501	12 095	...	...	...
EUROPE (14)	4 458 198	882 412	322 946	928 816	778 332	650 083	585 133	181 985	130 668	3 736	4 087
AUSTRIA	141 220	3 457	7 280	23 184	30 958	41 479	31 202	2 784	876	...	...
BELGIUM	60 152	3 955	2 534	8 416	13 216	17 517	12 177	1 984	353	...	...
CZECHOSLOVAKIA	833 803	773 503	17 073	21 396	11 613	...	3 119	254	2 939	2 566	1 340
FINLAND	65 988	↓	1 610	7 108	21 453	23 794	10 724	1 086	213	...	...
FRANCE	752 542	↓	↓	61 705	101 132	213 787	275 373	77 413	23 132	...	...
GERMANY, FED. REP. OF	659 807	4 066	52 436	129 176	154 129	188 761	116 159	12 329	2 751	...	...
HUNGARY	20 792	7 117	4 064	5 805	1 057	56	9	12	115	291	2 266
LUXEMBOURG	4 382	9	59	243	506	1 095	2 224	246	...	...	...
MALTA	2 672	608	839	1 073	146	6	...	...	...	...	...
NORWAY	1 743	↓	↓	50	328	570	552	108	...	...	...
SWEDEN	247 140	↓	↓	237	4 751	18 798	75 511	66 847	79 748	...	...
SWITZERLAND	98 841	64	204	1 640	11 353	44 569	34 072	5 239	1 700	...	...
UNITED KINGDOM	48 393	93	298	989	1 449	3 004	9 760	13 563	18 425	696	116
YUGOSLAVIA	1 530 723	89 540	236 262	666 698	426 241	96 647	14 251	120	416	183	365
OCEANIA (1)	50 974	↓	↓	23	60	130	557	1 121	20 575	13 772	14 736
AUSTRALIA	50 974	↓	↓	23	60	130	557	1 121	20 575	13 772	14 736

^{1/} Holdings with sales of \$2 500 and over. ^{2/} Excluding 133 government holdings not reported by size.

TABLE 6.5 - Number of holdings reporting wheat, by size of area of wheat harvested

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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 ha and over
<u>TOTAL</u> (9)	5 025 773	4 576 608	318 946	326 093	341 831	202 129	92 270	140 289	27 607
<u>NORTH AND CENTRAL AMERICA</u> (2)	621 997	→	→	→	242 358	160 267	53 936	137 829	27 607
CANADA 1/	118 362	→	→	→	15 713	27 690	28 686	32 408	13 865
UNITED STATES 2/	503 635	→	→	→	226 645	132 577	25 250	105 421	13 742
<u>ASIA</u> (2)	2 956 077	2 912 471	899	42 596	111	...	-	-	-
JAPAN	1 737 000	1 694 360	→	42 529	111	...	-	-	-
KOREA, REP. OF	1 219 077	1 218 111	899	67	...	-	-	-	-
<u>EUROPE</u> (5)	2 447 699	1 664 137	318 047	283 497	99 362	41 862	38 334	2 460	...
CZECHOSLOVAKIA	833 803	825 891	892	154	206	435	6 225	...	-
HUNGARY	20 792	18 098	→	24	39	→	171	2 460	...
ITALY 1/	1 540 329	817 955	313 508	271 733	88 531	31 354	17 248	...	...
LUXEMBOURG	4 382	1 048	1 062	1 682	538	52	...	-	-
UNITED KINGDOM	48 393	1 145	2 585	9 904	10 048	10 021	14 690	...	-

1/ Spring wheat. 2/ Holdings with sales of \$2 500 and over.

TABLE 6.6 - Number of holdings reporting rice, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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 500 ha	500 and under 1 000 ha	1 000 ha and over
TOTAL (17)	5 362 711	1 624 076	1 024 997	1 029 617	584 473	378 918	379 998	111 593	136 780	18 373	13 186
AFRICA (3)	669 464	212 437	124 070	139 623	98 485	35 920	58 755	174	...	-	-
IVORY COAST	236 911	11 280	33 261	103 131	65 616	19 204	3 394	25	...	-	-
LIBERIA	105 559	54 524	27 862	36 492	20 882	16 716	2 542	149	...	-	-
TANZANIA	326 594	146 633	52 947	36 492	10 987	16 716	52 819	...	-	-	-
NORTH AND CENTRAL AMERICA (4)	79 084	33 193	7 725	12 053	6 780	6 223	7 895	3 102	1 927	112	69
COSTA RICA	15 278	440	713	1 846	1 561	2 269	4 667	2 239	1 412	72	54
DOMINICAN REPUBLIC	29 142	29 142	...	...	...	...	...	...	...	...	...
EL SALVADOR	18 571	2 818	4 665	5 871	2 323	1 426	973	262	205	23	5
HONDURAS	16 093	793	2 342	4 341	2 896	2 528	2 255	601	310	17	10
SOUTH AMERICA (4)	1 512 430	195 891	145 101	240 395	192 878	250 257	288 423	125 140	133 466	17 996	12 883
BRAZIL	1 460 488	102 701	141 487	221 317	190 332	236 993	286 813	118 789	131 668	17 704	12 684
PERU	32 231	1 548	2 793	13 052	1 457	11 197	158	5 525	776	133	...
SURINAME	10 417	1 431	821	4 046	1 089	440	1 452	13	16	4	6
VENEZUELA	9 294	158	821	1 980	1 089	1 627	1 452	813	1 006	155	193
ASIA (3)	3 099 185	1 342 499	748 084	637 513	256 282	86 507	24 881	3 127	260	27	...
IRAQ	75 906	16 618	30 904	13 198	8 275	4 716	1 579	329	260	27	...
KOREA, REP. OF	2 009 244	1 264 277	594 642	150 325	...	...	...	...	...	...	...
PAKISTAN 1/	1 014 035	61 604	122 538	473 995	248 037	81 791	23 302	2 798	...	-	-
EUROPE (1)	166	48	10	12	2	-	-	-	2	5	87
HUNGARY	166	48	10	12	2	-	-	-	2	5	87
OCEANIA (2)	1 682	8	7	11	46	11	44	50	1 125	233	147
AUSTRALIA	1 589	-	-	1	-	1	36	46	1 125	233	147
PACIFIC ISLANDS (FRENCH TERRITORY)	93	8	7	10	46	10	8	4	...	-	-

1/ Excluding 58 Government holdings not reported by size.

TABLE 6.7 - Number of holdings reporting rice, by size of area of rice harvested

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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 ha and over
<u>TOTAL (6)</u>	5 777 767	3 916 443	706 014	1 060 624	71 465	12 296	64 025	6 027	872
<u>NORTH AND CENTRAL AMERICA (2)</u>	24 463	5 469	4 399	4 057	1 302	1 906	1 065	5 392	873
COSTA RICA	15 278	5 469	4 399	4 057	699	282	372	...	-
UNITED STATES	9 185				603	1 624	693	5 392	873
<u>SOUTH AMERICA (1)</u>	9 294	1 597	2 705	1 996	754	926	1 316	...	-
VENEZUELA	9 294	1 597	2 705	1 996	754	926	1 316	...	-
<u>ASIA (2)</u>	5 743 844	3 909 305	698 910	1 054 571	69 407	9 464	1 634	553	...
JAPAN	4 729 809	3 909 305		807 493	13 011	...	-	-	-
PAKISTAN ^{1/}	1 014 035		698 910	247 078	56 396	9 464	1 634	553	...
<u>EUROPE (1)</u>	166	72	-	-	2	-	10	82	...
HUNGARY	166	72	-	-	2	-	10	82	...

1/ Excluding 58 Government holdings not reported by size.

TABLE 6.8 - Number of holdings reporting maize, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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 500 ha	500 and under 1 000 ha	1 000 ha and over
<u>TOTAL (29)</u>	8 524 375	2 208 407	1 313 929	2 318 509	967 612	652 166	453 830	335 458	330 964	3 096	30 404
<u>AFRICA (6)</u>	2 185 787	797 348	551 449	585 994	125 483	69 424	55 301	335	136	81	236
IVORY COAST 1/	151 184	10 472	25 862	59 479	36 971	16 442	1 835	123	...	-	-
KENYA	1 277 800	411 200	359 500	406 000	66 400	34 700	...	87	...	-	-
REUNION	9 377	6 460	1 320	200	4 699	...	...	-	...	-	-
SWAZILAND	38 262	9 931	23 632	4 699	17 213	18 104	53 373	...	136	81	236
TANZANIA	708 315	359 285	164 777	95 563	178	178	93	125	...	-	-
ZAMBIA 2/	849	...	...	...	...	...	...	...	...	...	...
<u>NORTH AND CENTRAL AMERICA (8)</u>	1 178 611	148 493	52 845	65 319	33 317	58 551	214 687	271 106	307 502	457	26 334
CANADA	28 535	24	...	...	145	3 117	17 263	7 014	822	150	...
COSTA RICA	30 012	2 252	2 410	5 034	3 920	4 397	6 949	3 072	1 825	99	54
DOMINICAN REPUBLIC	84 250	84 250	...	...	...	...	...	...	...	...	...
EL SALVADOR	72 800	34 478	16 135	12 805	4 560	2 477	1 714	416	197	15	3
HONDURAS	165 953	27 489	33 479	45 463	24 545	16 603	12 596	3 413	2 093	193	79
PUERTO RICO	313	...	...	27	67	118	43	33	25	...	...
ST. LUCIA	1 102	...	821	175	80	19	2	1	4	...	...
UNITED STATES 3/	795 646	...	...	1 815	...	31 820	176 120	257 157	302 536	...	26 198
<u>SOUTH AMERICA (3)</u>	575 967	82 280	9 152	308 561	18 233	114 253	10 449	24 814	6 272	1 267	686
PERU	484 804	80 081	119	281 564	68	98 856	17	20 922	2 776	605	...
SURINAME	552	69	223	...	223	45	...	5	5	1	...
VENEZUELA	90 611	2 130	9 033	26 774	18 165	15 352	10 432	3 887	3 491	661	686
<u>ASIA (3)</u>	1 434 079	302 070	289 577	477 073	247 844	87 543	26 117	3 576	239	40	...
IRAQ	18 377	766	2 063	2 766	5 233	5 088	1 829	353	239	40	...
KOREA, Republic of	246 080	108 677	104 717	32 686	...	...	...	...	...	...	...
PAKISTAN 4/	1 169 622	192 627	182 797	441 621	242 611	82 455	24 288	3 223	...	...	...
<u>EUROPE (6)</u>	3 143 351	878 203	410 867	881 512	542 646	322 229	146 503	34 054	13 584	853	2 900
AUSTRIA	84 835	3 779	6 381	17 682	21 475	20 629	13 213	1 187	489	...	...
CZECHOSLOVAKIA	397 223	386 643	3 339	4 268	1 619	...	275	56	237	435	351
FRANCE	352 100	...	...	49 231	57 475	97 353	106 033	30 195	11 813	...	...
GERMANY, Federal Republic of	56 278	310	4 335	9 048	10 310	14 264	14 861	2 516	624	...	...
HUNGARY	291 245	236 721	34 423	15 020	2 162	119	31	27	151	295	2 296
YUGOSLAVIA	1 961 670	250 750	362 389	786 263	449 605	99 864	12 090	73	260	123	253
<u>OCEANIA (3)</u>	6 580	13	39	50	89	166	773	1 573	3 231	398	248
AUSTRALIA 3	6 400	-	3	17	41	152	755	1 555	3 231	398	248
GUAM	51	9	18	10	6	4	3	1	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	129	4	18	23	42	10	15	17	...	...	...

1/ Traditional sector. 2/ Commercial sector. 3/ Holdings with sales of US \$2 500 and over. 4/ Excluding 100 government holdings not reported by size.

TABLE 6.9 - Number of holdings reporting maize, by size of area of maize harvested

Countries by continents (number of reporting countries is given in parenthesis)	All holdings	Under 1 ha	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 ha and over
<u>TOTAL</u> (8)	2 618 230	1 561 107	111 089	87 425	309 578	308 236	79 487	157 532	3 776
<u>NORTH AND CENTRAL AMERICA</u> (3)	854 193	14 269	8 302	13 610	287 855	298 490	72 740	155 151	3 776
CANADA	28 535	671		7 090	8 873	3 128	6 414	2 359	...
COSTA RICA	30 012	13 598	8 302	6 520	1 174	323	95	...	...
UNITED STATES ^{1/}	795 646				277 808	295 039	66 231	152 792	3 776
<u>SOUTH AMERICA</u> (1)	90 611	10 971	24 750	34 922	11 202	5 507	3 259	...	...
VENEZUELA	90 611	10 971	24 750	34 922	11 202	5 507	3 259	...	...
<u>ASIA</u> (1)	246 080	240 962	5 118	...	-	-	-	-	-
KOREA, REP. OF	246 080	240 962	5 118	...	-	-	-	-	-
<u>EUROPE</u> (3)	1 427 346	1 294 905	72 919	38 893	10 521	4 239	3 488	2 381	...
CZECHOSLOVAKIA	397 223	395 004	1 134	115	102	175	693	...	...
HUNGARY	291 245	288 439		50	44		331	2 381	...
ITALY ^{2/}	738 878	611 462	71 785	38 728	10 375	4 064	2 464	...	...

^{1/} Holdings with sales of US \$2 500 and over.

TABLE 6.10 - Sorghum and millet for grain

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Number of holdings reporting	Area (ha)	Production (metric to.s)	Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Number of holdings reporting	Area (ha)	Production (metric tons)
TOTAL (35)		5 549 139	52 887 248	34 300 752	SOUTH AMERICA (4)		3 039 942	10 691 472	12 787 644
AFRICA (16)		1 748 170	3 328 529	1 351 685	BRAZIL 2/	1970	3 015 977	10 670 188	12 770 215
BOTSWANA	1969	...	131 329	36 690	PERU	1972	21 727	13 628	12 606
CAMEROON 1/	1972/73	...	243 033	...	URUGUAY 5/	1970	2 040	5 443	1 544
CENTRAL AFRICAN REPUBLIC 1/	1973/74	...	72 513	...	VENEZUELA	1971	198	2 213	3 278
CHAD	1 7/73	...	573 313	...	ASIA (5)		461 136	32 878 246	69 604
TA'BOY	1974/75	59	...	...	INDIA	1970/71	...	32 699 060	...
GHANA 2/	1970	142 000	229 900	120 000	IRAN	1971	14 178	22 308	...
IVORY COAST	1974/75	...	125 067	...	ISRAEL	1971	182	26 241	...
KENYA 3/	1971	4/444 800	284 300	317 350	KOREA, Republic of 5/	1970	446 776	12 697	...
LESOTHO	1970	95 132	82 573	56 897	SAUDI ARABIA, Kingdom of	1973/74	...	148 000	69 604
MALAWI	1968/69	545 000	496 100	...	EUROPE (2)		...	7 718	4 898
SIERRA LEONE 5/	1970/71	...	10 452	12 159	HUNGARY	1972	...	3 295	4 898
SOUTH AFRICA	1971	...	389 114	512 001	YUGOSLAVIA	1959	...	4 423	...
SWAZILAND	1971/72	6 790	2 565	...	OCEANIA (2)		9 586	6 550	1 362 368
TANZANIA	1971/72	298 379	305 400	...	AUSPITALIA	1970/71	9 586	176 132	1 352 358
TOGO	1970	...	170 942	129 341	FIJI	1968/69	...	418	...
ZAMBIA	1970/71	245 000	207 927	137 247					
NORTH AND CENTRAL AMERICA (6)		290 305	5 974 733	18 724 563					
COSTA RICA	1973	148	3 753	7 661					
EL SALVADOR	1971	125 881	118 904	130 404					
HONDURAS	1974	38 703	52 804	40 716					
MEXICO	1970	...	644 399	1 404 221					
UNITED STATES 6/	1969	125 567	5 154 695	17 141 561					
VIRGIN ISLANDS 6/ (U.S.)	1969	6	479	...					

1/ Traditional sector. 2/ Finger millet. 3/ Small farms. 4/ Holdings reporting sorghum. 5/ Millet only. 6/ Holdings with sales of US \$2 500 and over. 7/ Area somi.

TABLE 6.11- Rye, barley and oats

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Rye			Barley			Oats		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
TOTAL (33)		1 011 119	2 731 683	1 577 023	5 406 617	26 961 926	25 794 629	2 179 549	15 187 919	17 631 389
AFRICA (3)	1969-70	...	23 585	4 514	2 660	433 297	106 105	...	372 990	137 586
LESOTHO	1974	...	...	...	2 660	1 008	351	...	...	...
LIBYA	1970-71	...	...	...	...	388 427	74 291	...	...	...
SOUTH AFRICA		...	23 585	4 514	...	43 862	31 463	...	372 990	137 586
NORTH AND CENTRAL AMERICA (3)		43 008	839 110	652 885	260 720	9 371 469	8 703 656	621 124	9 389 772	12 831 979
CANADA	1971	13 764	387 780	...	140 954	5 657 238	...	157 995	2 712 830	...
MEXICO	1968-69	...	...	...	...	102 506	122 411	...	58 693	54 523
UNITED STATES	1969	29 244	451 330	652 885	120 666	3 611 725	8 581 245	463 129	6 618 249	12 777 456
SOUTH AMERICA (2)		3 059	1 068	411	354 432	242 440	139 755	9 199	6 116	3 349
PERU	1971-72	3 059	1 068	411	352 982	212 797	106 173	9 199	6 116	3 349
URUGUAY	1969	...	...	...	1 450	29 643	33 582	...	...	...
ASIA (6)		85 013	7 957	...	2 190 889	4 063 291	9 318	...	...	...
INDIA	1970-71	...	...	...	319 049	2 190 000	...	...	...	...
IRAQ	1970-71	...	...	...	...	901 625	...	...	...	...
ISRAEL	1971	...	...	...	3 207	23 594	...	...	...	...
JAPAN	1969	...	...	...	721 701	283 100	...	...	...	...
KOREA, REP. OF	1969-70	85 013	7 957	...	1 146 932	649 688	...	...	...	...
SAUDI ARABIA, Kingdom of	1971-72	...	...	...	...	15 284	9 318	...	...	...
EUROPE (17)		878 590	1 811 163	897 019	2 557 290	10 755 066	16 265 238	1 507 848	3 849 467	3 046 400
AUSTRIA	1970	99 382	139 790	...	156 121	291 646	...	106 110	101 213	...
BELGIUM	1970	23 684	19 886	...	78 151	169 427	...	60 080	71 941	...
CZECHOSLOVAKIA	1970	110 308	219 145	453 688	640 524	801 443	2 279 594	...	...	...
DENMARK	1970	11 964	44 315	133 190	...	1 351 545	4 813 107	...	184 370	631 239
FINLAND	1970	70 284	69 861	125 800	199 756	372 646	840 000	196 463	482 829	1 137 700

(continued)

See footnotes at end of table.

TABLE 6.11- Rye, barley and oats (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Rye			Barley			Oats		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
EUROPE (cont'd)										
FRANCE	1969-70	88 154	122 320	...	746 209	2 854 266	....	792 552	....	....
GERMANY, FED. REP. OF	1971	427 076	842 254	....	509 589	2/960 527	....	823 070	....	....
HUNGARY	1972	12 685	119 489	171 341	28 839	291 120	802 146	48 133	60 461	....
IRELAND	1970	...	248	...	...	214 293	...	67 973	...	....
LUXEMBOURG	1970	854	1 190	...	5 570	17 774	...	12 529	...	....
MALTA	1968-69	...	...	...	3 636	1 223	1 481	...	...	....
NETHERLANDS	1970	33 642	55 304	...	43 661	103 569	...	55 084	...	....
NORWAY	1969	557	1 339	...	43 166	184 713	...	54 120	...	....
SWEDEN	1971	...	83 159	...	...	651 956	...	565 172	...	....
SWITZERLAND	1969	...	11 327	...	...	36 708	...	10 150	...	....
UNITED KINGDOM	1970	...	4 600	13 070	102 068	2 243 845	7 529 000	375 917	1 217 000	....
YUGOSLAVIA	1968	...	76 936	...	...	208 365	...	204 414	...	....
OCEANIA (2)										
AUSTRALIA	1970-71	1 449	43 800	22 194	40 626	2 096 363	570 557	1 569 574	1 662 075	....
NEW ZEALAND	1972	1 449	40 800	22 194	32 718	2 000 100	235 073	1 553 200	1 612 619	....
		...	...	...	7 908	96 263	335 484	16 374	49 456	....

1/ Including oats. 2/ Spring barley.

TABLE 6.12- Potatoes, edible dry beans and edible dry peas

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Potatoes			Edible dry beans			Edible dry peas		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
TOTAL (58)		11 953	4 218 413	21 004 014	6 424 974	6 025 201	2 454 164	75 390	619 971	717 188
AFRICA (13)		575	509 803	879 177	1 641 900	1 385 289	239 546	48 086	433 340	10 620
ANGOLA	1969-70	88	13 185	38 977	413 791	141 363	44 893	...	...	...
BOTSWANA	1968-69	...	178	4 080	...	1/ 24 464	...	...	...	...
CHAD 1/2/	1972-73	...	...	...	...	262 498	...	...	...	...
GHANA 1/2/	1970	...	...	...	108 000	2 800	...	...	...	...
IVORY COAST	1974-75	...	...	...	...	14 663	...	...	5 111	...
KENYA 3/	1974	479	261 200	332 842	1 021 100	763 500	147 038	...	4/402 900	...
LESOTHO	1969-70	7	670	...	18 640	16 347	3 672	17 073	12 196	4 560
MALAWI 5/	1968-69	...	180 500	...	...	...	...	...	...	...
SOUTH AFRICA	1970-71	...	54 348	498 150	...	58 096	43 943	...	4 487	6 060
SWAZILAND 6/	1971-72	...	386	5 128	7 600	2 083	...	...	...	...
TANZANIA	1971-72	...	...	...	72 769	24 887	...	31 013	8 646	...
TOGO	1970	...	...	...	...	73 449	...	...	...	...
ZAIRE 1/	1970	...	...	...	...	1 139	...	...	...	...
NORTH AND CENTRAL AMERICA (12)		70	655 509	393 918	189 565	1 185 119	650 155	5 515	33 221	40
BELIZE	1973-74	...	...	...	...	2 265	992	...	...	...
CANADA	1971	8/ 12 447	8/109 112	...	2 799	48 052	...	1 903	33 203	...
COSTA RICA	1972-73	981	2 001	20 628	19 149	26 681	11 031	...	...	...
DOMINICAN REPUBLIC	1971	1	1 518	17 580	37 589	29 419	23 073	...	...	...
EL SALVADOR	1970-71	...	...	...	61 510	17 906	23 924	...	...	...
HONDURAS	1974	...	...	...	39 419	62 077	34 225	...	...	...
JAMAICA	1968-69	...	777	...	...	...	...	...	...	...
MEXICO	1968-69	...	31 538	217 822	...	980 193	548 370	...	...	...
PANAMA	1970-71	433	553	13 766	25 801	17 807	8 140	...	...	...
PUERTO RICO	1969	...	...	...	2 012	700	372	...	...	...
ST. LUCIA	1973-74	...	...	...	9/ 1 286	19	28	10/ 3 612	18	40
UNITED STATES	1969	55	455	124 122	...	...	...	...	...	...
SOUTH AMERICA (4)		482	487	739 074	2 335 698	4 162 132	1 559 071	5 829	5 934	3 100
BRAZIL	1970	...	307 175	...	2 257 886	4 081 950	1 518 846	...	...	...
PERU	1971-72	476	366	554 789	51 977	43 279	26 146	...	...	...
URUGUAY	1969	...	22 116	106 429	6 733	4 364	2 735	1 912	757	1 523
VENEZUELA	1971	6	121	77 856	19 102	32 539	11 344	3 917	5 177	1 577

(continued)

See footnotes at end of table.

TABLE 6.12- Potatoes, edible dry beans and edible dry peas (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Potatoes			Edible dry beans			Edible dry peas		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
ASIA (8)		4 275 821	275 468	11 974	2 254 395	135 902	2 448	569	320	...
IRAQ	1970-71	1 181	998	...	1 535	568	...	569	320	...
ISRAEL	1971	2 000	4 996	...	...	...	...	...	...	...
JAPAN	1969	3 123 142	177 400	...	1 317 224	91 700	...	...	...	...
KOREA, REP. OF	1969-70	1 089 515	56 905	...	922 982	41 343	...	...	...	...
KUWAIT	1969-70	...	3	...	...	...	...	...	...	...
PAKISTAN	1971-72	54 432	32 095	...	...	...	...	...	...	...
PHILIPPINES	1970-71	5 551	2 971	11 164	12 654	2 291	2 448	...	...	...
SAUDI ARABIA, Kingdom of	1971-72	...	100	810	...	...	...	...	...	...
EUROPE (12)		6 542 066	2 423 992	17 997 472	3 160	50 911	1 522	13 861	122 602	177 434
AUSTRIA	1970	234 522	94 096	...	...	...	...	...	...	...
BELGIUM	1970	95 350	46 498	...	...	509	...	...	4 497	...
CZECHOSLOVAKIA	1970	1 117 923	337 181	4 792 598	11/ 77	11/ 283	11/ 280	11/ 577	11/ 5 724	11/11 084
DENMARK	1970	23 335	27 038	1 033 000	...	...	...	...	6 212	21 000
FINLAND	1970	255 398	58 195	779 300	...	...	...	8 749	1 303	2 200
FRANCE	1969-70	895 008	310 568	...	...	...	...	...	...	...
GERMANY, REP. OF	1971	758 784	490 233	...	...	...	...	...	...	...
HUNGARY	1972	122 886	118 194	1 316 577	511	1 833	1 242	1 043	41 459	56 150
IRELAND	1970	...	56 834	...	...	12/ 4 291	...	...	...	...
ITALY	1970	568 583	106 823	...	...	...	...	...	...	...
LUXEMBOURG	1970	4 776	2 459	...	...	...	...	...	19	...
MALTA	1968-69	76 246	157 140	22 547	...	...	...	...	...	...
NETHERLANDS	1970	123 362	32 644	...	2 572	13/ 4 016	...	4 092	14/10 273	...
NORWAY	1969	...	...	...	...	...	...	...	15/ 476	...
SWEDEN	1971	...	60 455	...	...	...	...	...	4 936	...
SWITZERLAND	1969	77 860	31 523	...	...	16/ 297	...	...	2 256	...
UNITED KINGDOM	1970	82 908	270 636	7 482 000	...	...	...	...	29 700	87 000
YUGOSLAVIA	1968	2 405 145	270 409	2 577 510	...	39 682	...	...	15 687	...
OCEANIA (3)		6 863	46 466	994 373	256	5 848	1 422	2 099	24 554	525 994
AUSTRALIA	1970-71	6 863	38 500	774 403	256	4 900	17/ 1 422	207	2 100	468 476
FIJI	1968	...	61	...	...	948	...	...	...	...
NEW ZEALAND	1972	...	7 905	219 970	...	...	...	1 892	22 454	57 518

1/ Including cowpeas. 2/ Excluding Bambara beans: 31 600 holdings for an area of 1 200 ha. 3/ Small farms.
 4/ Cowpeas, pigeon peas and field peas. 5/ Including sweet potatoes. 6/ Excluding Jugo beans: 10 033 holdings for an area of
 2 814 ha. 7/ Modern sector. 8/ For sale. 9/ Red kidney beans. 10/ Pigeon peas. 11/ Data refer to co-operatives
 and holdings operated by Government only. 12/ Beans and peas. 13/ Including 48 ha of field beans. 14/ Including 762 ha of
 yellow peas. 15/ Including mixed grains. 16/ Horse beans. 17/ Excluding production for New South Wales.

TABLE 5.13 - Soybeans, cassava and sweet potatoes

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Soybeans			Cassava			Sweet potatoes		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
TOTAL (41)		4 323 966	18 408 455	30 456 503	4 467 669	4 752 778	19 453 623	4 020 306	743 557	2 032 166
AFRICA (18)		...	7 104	3 678	2 449 144	2 846 238	3 868 737	92 848	98 867	48 604
ALGERIA	1972/73	...	...	...	...	15 665	81 178	7 017	18 304	...
ANGOLA 1/	1969/70	...	...	...	776 784	625 561	1 158 110	...	...	...
CAMEROON	1972/73	...	...	...	...	479 310	...	...	...	...
CENTRAL AFRICAN REPUBLIC	1973/74	...	...	...	...	300 237	...	...	...	...
CHAD	1972/73	...	...	...	...	158 379	...	...	...	...
CONGO	1972/73	...	...	...	140 004	160 428	...	...	...	...
GABON	1974/75	...	...	...	64 802	...	...	...	...	...
GHANA	1970	...	...	...	477 900	325 800	2 390 000	...	...	...
IVORY COAST	1974/75	...	...	...	205 308	323 163	...	...	...	...
KENYA 2/	1974	...	...	...	...	62 900	...	...	32 600	...
LIBERIA	1971	...	...	...	6 173	9 557	...	...	7 017	18 304
SIERRA LEONE	1970/71	...	...	...	...	16 565	81 178	...	...	...
SOUTH AFRICA	1970/71	...	7 104	3 678	...	...	...	...	924	...
SWAZILAND	1971/72	...	...	...	...	...	...	7 163	...	...
TANZANIA	1971/72	...	...	...	155 573	148 307	...	78 668	9 751	...
TOGO	1970	...	...	...	...	48 277	...	...	...	...
ZAIRE	1970	...	...	...	...	2 358	...	...	...	...
ZAMBIA	1970/71	...	...	...	359 600	161 632	158 271	...	30 271	30 300
NORTH AND CENTRAL AMERICA (9)		537 660	15 871 161	28 557 461	111 756	41 964	569 332	55 518	55 271	658 785
BELIZE	1973/74	...	...	...	...	617	159	...	233	364
CANADA	1971	7 862	150 063	...	...	...	...	...	...	...
COSTA RICA	1972/73	...	...	...	3 209	2 077	13 811	177	109	411
DOMINICAN REPUBLIC	1971	...	...	...	63 003	34 457	477 609	32 340	13 781	120 137
MEXICO	1968/69	...	120 580	212 295	...	...	...	...	...	...
PANAMA	1970/71	...	...	...	42 782	4 644	77 271	...	...	...
PUERTO RICO	1970/71	...	...	...	2/132	78	297	2 454	799	2 194
ST. LUCIA	1973/74	...	...	...	2 630	89	185	4 851	405	1 065
UNITED STATES	1969	529 798	15 600 509	28 345 166	...	...	...	4/15 696	39 944	534 614

(continued)

See footnotes at end of table.

TABLE 5.13- Soybeans, cassava and sweet potatoes (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Soybeans			Cassava			Sweet potatoes		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
SOUTH AMERICA (3)										
BRAZIL	1970	375 087	2 186 540	1 884 913	1 574 059	1 770 232	268 215	181 518	1 018 491	
PERU	1971-72	374 730	2 185 832	1 884 227	1 530 902	1 728 670	217 854	148 448	870 717	
		147	343	388	...	...	24 086	15 414	60 372
SURINAME	1968-69	203	34	33	2 093	307	241	33	149	
URUGUAY	1969	7	331	265	41 064	41 255	23 272	14 195	79 361	
VENEZUELA	1971	...	...	...	...	...	2 762	3 428	7 892
ASIA (4)										
JAPAN	1969	3 410 818	332 024	1 248	313 381	87 436	3 602 624	407 484	304 693	
KOREA, REP. OF	1969	1 612 152	102 600	...	...	...	1 617 377	153 600	...
PHILIPPINES	1969-70	1 787 972	226 151	...	...	...	1 564 973	121 475	...
	1970-71	10 694	3 273	1 248	313 381	87 436	416 707	132 275	302 013	
SINGAPORE	1973	...	...	...	...	...	3 567	134	2 680
EUROPE (1)										
YUGOSLAVIA	1968	...	4 326	...	...	...	...	...	...
OCEANIA (4)										
AUSTRALIA	1970-71	401	7 300	9 203	19 329	6 908	1 101	417	1 593	
FIJI	1968	401	7 300	9 203	...	...	256	300	5/ 1 465
GUAM	1969	...	...	...	19 252	6 903	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1969	...	...	...	77	5	88	4	6
		...	...	...	...	...	757	113	142

- 1/ Traditional sector.
- 2/ Small farms.
- 3/ Holdings with sales of \$1 200 and over.
- 4/ Holdings with sales of \$2 500 and over.
- 5/ Excluding production for New South Wales.

TABLE 6.14 - Cocoyams and yams, and groundnuts

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Cocoyams and yams			Groundnuts (in shell)		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
<u>TOTAL</u> (39)		1 036 254	2 237 273	447 712	1 826 518	10 472 416	2 224 190
<u>AFRICA</u> (16)		988 941	2 216 711	415 985	1 368 716	1 521 576	371 420
BOTSWANA 1/	1968/69	...	...	...	...	4 249	3 538
CAMEROON 2/	1972/73	...	833 399	...	...	351 355	...
CENTRAL AFRICAN REPUBLIC	1973/74	...	45 815	...	...	123 149	...
CHAD 2/	1972/73	...	...	...	...	182 326	...
CONGO 2/	1972/73	99 972	52 302	...	100 047	25 482	...
GABON	1974/75	100 168	...	...	46 878	...	...
GHANA	1970	505 900	531 700	...	118 600	97 900	...
IVORY COAST	1974/75	281 901	704 764	...	...	56 423	...
KENYA 3/	1974	...	...	...	...	17 800	...
MALAWI	1969	...	...	...	627 600	449 200	202 000
SIERRA LEONE 3/	1970/71	...	4/4 861	4/3 757	...	13 811	14 917
SOUTH AFRICA	1971	...	...	...	...	374 414	61 173
SWAZILAND 5/	1971/72	...	...	...	15 391	4 945	...
TOGO 2/	1970	...	44 870	412 228	...	32 052	18 172
ZAIRES 6/	1970	...	...	...	...	2 305	...
ZAMBIA 2/	1970/71	...	...	...	460 200	160 579	71 620
<u>NORTH AND CENTRAL AMERICA</u> (8)		26 171	13 453	30 714	85 682	618 588	1 159 542
DOMINICAN REPUBLIC	1971	...	...	...	37 535	40 928	44 115
EL SALVADOR	1970/71	...	...	...	464	242	...
JAMAICA	1968/69	...	10 462	...	...	...	...
PANAMA	1970/71	16 118	1 910	25 838	33	29	10
PUERTO RICO	1969	3 095	872	3 847	...	...	...
ST. LUCIA	1973/74	6 948	208	1 026	128	13	19
UNITED STATES	1969	...	...	...	47 522	577 376	1 115 398
VIRGIN ISLANDS (U.S.)	1969	10	1	3	...	...	...
<u>SOUTH AMERICA</u> (4)		...	...	...	258 959	582 574	648 743
BRASIL	1970	...	...	...	253 135	575 697	642 243
PERU	1971/72	...	...	...	3 618	3 142	2 965
SURINAME	1968/69	...	...	...	784	239	247
URUGUAY	1970	...	...	...	1 422	3 496	3 288
<u>ASIA</u> (5)		...	...	...	109 927	7 335 765	13 360
INDIA	1970/71	...	...	...	...	7 298 000	...
IRAQ	1970/71	...	...	...	235	190	...
ISRAEL	1970	...	...	...	1 528	4 900	...
KOREA, Republic of	1969/70	...	...	...	66 913	11 148	...
PHILIPPINES	1970/71	...	...	...	41 251	21 527	13 360
<u>EUROPE</u> (1)		...	...	...	...	710	...
YUGOSLAVIA	1968	...	...	...	...	710	...
<u>OCEANIA</u> (5)		21 142	7 109	1 013	3 234	38 789	31 125
AMERICAN SAMOA	1969	633	23	...	...	...	...
AUSTRALIA	1970/71	...	...	...	984	38 000	31 125
FIJI	1968	18 868	6 151	...	2 250	789	...
GUAM	1969	142	17	15	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1969	1 499	918	998	...	...	...

1/ Freehold farm survey. 2/ Traditional sector. 3/ Small farms. 4/ Including chinese yams. 5/ Subsistence sector. 6/ Modern sector.

TABLE 6.15 - Sugarcane and sugar beets

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Sugarcane			Sugar beets		
		Number of holdings reporting	Area (ha.)	Production (m.t.)	Number of holdings reporting	Area (ha.)	Production (m.t.)
<u>TOTAL (49)</u>		1 555 508	6 936 678	151 679 595	567 614	2 489 807	38 874 458
<u>AFRICA (8)</u>		20 663	379 615	1 481 080	...	...	...
CAMEROON	1972/73	...	245 560	...	...	...	...
CONGO	1972/73	...	11 736	...	...	...	...
GHANA	1970	9 000	2 400	...	...	...	...
KENYA 1/ REUNION	1974/75 1973	...	63 700 32 742	...	...	...	...
SIERRA LEONE	1970/71	...	11	369	...	...	...
SWAZILAND	1971/72	...	13 864	1 480 711	...	...	...
ZAIRE	1970	...	9 602	...	...	...	...
<u>NORTH AND CENTRAL AMERICA (12)</u>		81 243	1 235 360	42 619 875	19 767	628 851	23 874 789
BELIZE	1973/74	...	18 907	500 807	...	...	...
CANADA	1970	...	...	...	1 874	34 235	...
GOSTA RICA	1973	9 484	38 763	2 246 111	...	...	...
DOMINICAN REPUBLIC	1971	3 891	180 135	3 832 844	...	...	...
EL SALVADOR	1970/71	11 012	23 251	1 639 523	...	...	...
GUADELOUPE	1960/62	14 976	29 873	...	...	...	...
HONDURAS	1974	17 616	28 712	875 630	...	...	...
JAMAICA	1968/69	...	63 693	...	...	...	...
MEXICO	1970	...	546 981	27 162 859	...	...	...
PANAMA	1971	18 459	24 056	1 015 290	...	...	...
PUERTO RICO	1970	3 746	70 884	5 346 811	...	...	...
UNITED STATES 2/	1969	2 059	210 105	...	17 893	592 616	23 874 789
<u>SOUTH AMERICA (5)</u>		369 962	1 844 410	81 185 041	3 580	10 131	277 432
BRAZIL	1970	350 103	1 695 258	67 759 180	...	...	...
PERU	1971/72	218	48 888	8 212 139	...	...	...
SURINAME	1968/69	59	2 905	234 839	...	...	...
URUGUAY	1970	188	6 779	284 294	2 536	9 405	274 992
VENEZUELA	1971	19 394	90 580	4 694 589	1 044	726	2 440
<u>ASIA (5)</u>		1 063 398	3 148 237	9 728 747	2 354	7 059	...
INDIA	1970/71	...	2 319 000	...	...	...	...
IRAQ	1970/71	3	686	...	1 174	2 131	...
ISRAEL	1971	...	...	...	1 180	4 928	...
PAKISTAN	1972	989 732	499 118	...	...	...	...
PHILIPPINES	1971	73 663	326 233	9 728 747	...	...	...

(continued)

See footnotes at end of table.

TABLE 6.15 - Sugarcane and sugar beets (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Sugarcane			Sugar beets		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
<u>EUROPE (16)</u>		...	...	...	541 913	1 843 766	14 722 237
AUSTRIA	1970	...	...	...	24 332	44 137	...
BELGIUM	1970	...	...	...	32 683	89 391	...
CZECHOSLOVAKIA	1970	...	...	...	4 516	179 769	6 644 377
DENMARK	1970	...	...	...	14 361	47 326	1 892 000
FINLAND	1970	...	...	...	12 078	13 340	337 100
FRANCE	1970/71	...	...	...	55 146	399 737	...
GERMANY, Federal Republic of	1971	...	...	...	115 564	313 763	...
HUNGARY	1972	...	...	...	1 594	78 591	2 908 610
IRELAND	1970	...	...	...	...	25 798	...
ITALY	1970	...	...	...	139 920	235 169	...
LUXEMBOURG	1970	...	...	...	...	58	...
NETHERLANDS	1970	...	...	...	33 212	103 863	...
SWEDEN	1971	...	...	...	...	40 719	...
SWITZERLAND	1969	...	...	...	9 339	8 520	...
UNITED KINGDOM	1970	...	...	...	20 768	187 616	6 412 000
YUGOSLAVIA	1969	...	...	...	78 400	75 969	2 940 150
<u>OCEANIA (3)</u>		20 242	329 056	16 664 852	...	...	...
AUSTRALIA	1970/71	7 781	275 900	16 664 818	...	...	...
FIJI	1968	11 754	53 153	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1969	707	3	34	...	...	...

1/ Small farms. 2/ Holdings with sales of US \$2 500 and over.

TABLE 6.16 - Cotton, jute and tobacco

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Cotton			Jute			Tobacco		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
<u>TOTAL</u> (43)		3 084 443	17 930 934	5 664 644	3 959	855 347	7 583	974 283	835 895	922 778
<u>AFRICA</u> (15)		675 437	819 984	660 784	...	...	...	51 522	52 258	5 565
BOTSWANA	1968-69	...	1 056	1 633	...	...	...	...	8	...
CENTRAL AFRICAN REPUBLIC	1970	...	151 117	...	...	...	...	...	3 072	...
CHAD	1970	237 017	262 797	...	...	...	...	...	...	...
CONGO	1970	...	...	...	...	...	...	27 926	6 673	...
GABON	1974-75	57	...	...	...	...	...	21 897	...	...
GHANA	1970	2 500	800	...	...	...	...	...	1 600	...
IVORY COAST	1974-75	35 167	43 807	...	...	...	...	...	...	...
KENYA 1/	1974	130 400	70 100	...	...	...	...	...	34 700	...
KENYA 2/	1974	...	...	...	...	...	...	...	110	88
LESOTHO	1971	...	314	59 151	...	...	...	1 510	308	...
LIBERIA	1971-72	4 215	3 771	...	...	...	...	...	...	...
TANZANIA	1971-72	269 081	231 917	...	...	...	...	...	...	...
TOGO	1970	...	16 541	...	...	...	...	...	...	...
ZAIRE	1970	...	402	...	...	...	...	...	...	...
ZAMBIA	1970-71	...	...	...	...	...	...	189	2/ 5 787	5 477
<u>NORTH AND CENTRAL AMERICA</u> (3)		202 785	5 180 456	3 440 608	...	...	...	321 660	454 074	833 517
CANADA	1971	...	...	...	...	...	...	4 812	41 252	...
COSTA RICA	1972-73	3	74	178	...	...	...	1 047	1 506	1 605
DOMINICAN REPUBLIC	1970-71	...	...	...	...	...	...	34 851	25 088	32 704
EL SALVADOR	1971	2 997	64 187	153 071	...	...	...	954	977	1 132
MEXICO	1970	...	463 795	937 642	...	...	...	...	27 740	47 984
PANAMA	1971	...	...	...	...	...	...	1 668	1 484	2 256
PUERTO RICO	1970	...	...	...	...	...	...	2 140	1 447	2 164
UNITED STATES	1969	199 785	4 652 400	2 349 717	...	...	...	276 188	354 880	745 672
<u>SOUTH AMERICA</u> (1)		385 928	1 654 931	1 503 198	3 959	5 347	7 583	2 563	14 007	15 284
BRAZIL	1970	358 156	1 485 280	1 261 704	...	...	...	...	...	...
PERU	1971-72	18 928	121 058	202 053	3 959	5 347	7 583	...	2 493	2 440
URUGUAY	1970	208	403	330	...	...	...	111	528	500
VENEZUELA	1971	8 636	52 690	39 111	...	...	...	2 452	10 986	12 344

(continued)

See footnotes at end of table.

TABLE 5.16 - Cotton, jute and tobacco (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Cotton				Jute			Tobacco		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	
ASIA (7)		1 880 095	10 228 558	173	...	850 000	...	547 137	220 125	44 512	
INDIA	1971	...	7 763 000	...	...	850 000	...	...	...	...
IRAQ	1971	28 592	35 753	...	...	...	...	40 819	29 018	...
ISRAEL	1971	612	35 136	...	...	...	...	1 140	1 991	...
JAPAN	1970	...	...	...	...	...	...	225 292	75 800	...
KOREA, Republic of	1970	187 821	9 815	...	...	...	...	122 319	32 930	...
PAKISTAN	1971/72	1 598 534	2 384 240	...	...	...	...	...	...	...
PHILIPPINES	1971	4 436	614	173	...	...	...	156 567	80 386	44 512
EUROPE (7)		...	12 005	...	...	...	...	51 293	93 813	22 630
BELGIUM	1970	...	...	...	...	...	...	...	568	...
CZECHOSLOVAKIA	1970	...	...	...	...	...	...	374	3 823	5 259
GERMANY, Federal Republic of	1971	...	...	...	...	...	...	4 755	3 391	...
HUNGARY	1972	...	...	...	...	...	...	4 856	15 457	17 371
ITALY	1970	...	...	...	...	...	...	39 680	33 527	...
SWITZERLAND	1969	...	...	...	...	...	...	1 628	725	...
YUGOSLAVIA	1969	...	12 005	...	...	...	...	...	36 322	...
OCEANIA (2)		198	35 000	59 881	...	...	...	108	1 618	1 270
AUSTRALIA	1971	198	35 000	59 881	...	...	...	108	1 200	1 270
FIJI	1968/69	...	...	...	...	...	...	...	418	...

1/ Small farms. 2/ Area sown and not harvested.

TABLE 6.17 - Linseed, sunflower seed and sesame seed

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Linseed			Sunflower seed			Sesame seed		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
TOTAL (20)		3 859	1 138 873	52 736	95 594	705 370	571 690	1 178 818	2 103 885	230 080
<u>AFRICA</u> (5)		...	...	...	...	184 568	103 222	...	67 446	791
BOTSWANA	1968/69	...	...	...	...	32	...	...	...	...
CHAD	1970	...	...	...	...	...	...	...	65 653	...
SIERRA LEONE	1970/71	...	...	...	...	...	...	...	1 793	791
SOUTH AFRICA	1971	...	...	...	...	184 530	103 213	...	...	...
SWAZILAND	1971/72	...	...	...	...	6	9	...	...	...
<u>NORTH AND CENTRAL AMERICA</u> (4)		...	...	...	4 061	155 275	...	154	209 586	141 369
CANADA	1971	...	...	...	2 580	97 200	...	...	...	...
MEXICO	1970	...	...	...	...	...	...	...	209 386	141 205
PANAMA	1971	...	...	...	...	...	...	154	200	164
UNITED STATES	1969	...	...	...	1 481	58 075	...	...	...	...
<u>SOUTH AMERICA</u> (2)		422	202	54	...	111 714	52 368	5 149	155 733	87 512
PERU	1971/72	422	202	54	...	...	...	...	...	...
URUGUAY	1970	...	...	...	...	111 714	52 368	...	...	...
VENEZUELA	1971	...	...	...	...	...	...	5 149	155 733	87 512
<u>ASIA</u> (5)		2 650	1 072 559	...	1 299	3 227	...	1 173 515	1 671 120	408
INDIA	1970/71	...	1 069 000	...	...	699	...	...	1 609 000	...
IRAQ	1971	2 650	3 559	...	732	...	...	21 937	21 566	...
ISRAEL	...	...	...	...	567	2 528	...	...	723	...
KOREA, Republic of	1970	...	...	...	...	...	...	1 151 578	38 159	...
SAUDI ARABIA, Kingdom of	1972	...	...	...	...	...	...	...	1 672	408
<u>EUROPE</u> (2)		...	24 512	21 878	91 234	250 586	416 100	...	...	...
HUNGARY	1972	...	24 512	21 878	5 642	108 229	131 700	...	...	...
YUGOSLAVIA	1969	...	...	...	85 592	142 357	234 400	...	...	...
<u>OCEANIA</u> (1)		787	41 600	30 804	...	...	...	...	...	...
AUSTRALIA	1971	787	41 600	30 804	...	...	...	...	...	...

TABLE 6.18 - Rapeseed and mustard seed

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Rapeseed			Mustard seed		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
<u>TOTAL (13)</u>		369 196	3 831 454	76 688	2 099	98 528	8 873
<u>NORTH AND CENTRAL AMERICA (2)</u>							
CANADA	1971	48 923	2 155 135	...	2 091	86 658	2 393
UNITED STATES	1969	48 923	2 155 135	...	1 986	83 515	...
		...	...	...	105	3 143	2 393
<u>ASIA (3)</u>							
INDIA	1970/71	298 003	1 492 171	...	...	...	...
JAPAN	1970	...	1/1 444 000	...	...	...	...
KOREA, Republic of	1970	188 100	29 600	...	...	...	...
		109 903	18 571	...	...	...	...
<u>EUROPE (7)</u>							
BELGIUM	1970	22 000	176 648	74 085	...	11 570	6 321
GERMANY, Federal Republic of	1970	...	492	...	...	...	...
HUNGARY	1971	13 979	94 418	22 243	...	5 270	6 321
	1972	462	49 889	51 842	...	...	...
NETHERLANDS	1970	862	7 487	...	...	...	...
SWITZERLAND	1969	6 697	7 305	...	...	...	...
UNITED KINGDOM	1970	...	4 000	...	...	6 300	...
<u>OCEANIA (1)</u>							
AUSTRALIA	1971	270	7 500	2 603	8	300	159
		270	7 500	2 603	8	300	159

1/ Mustard seed and rapeseed.

TABLE 6.19 - Green beans and green peas

Continent and country	Year to which data relate	Green beans			Green peas		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
TOTAL (13)		70 861	68 088	65 020	23 202	262 289	390 629
<u>NORTH AND CENTRAL AMERICA</u> (4)							
CANADA	1971	7 770	44 538	125	13 566	178 519	...
COSTA RICA	1972/73	2 912	10 023	...	2 303	19 707	...
UNITED STATES 1/	1969	224	49	125	...	...	...
VIRGIN ISLANDS (U.S.)	1969	4 631	34 465	...	11 263	158 812	...
		3	1	...	...	...	...
<u>SOUTH AMERICA</u> (1)							
PERU	1971/72	...	2 684	4 376	...	...	...
		...	2 684	4 376	...	...	...
<u>ASIA</u> (2)							
PHILIPPINES	1970/71	59 868	7 741	6 096	...	...	...
SAUDI ARABIA, Kingdom of	1971/72	59 868	7 592	5 701	...	...	...
		...	149	395	...	...	...
<u>EUROPE</u> (4)							
FINLAND	1970	...	5 387	20 488	9 636	83 770	390 629
HUNGARY	1972	...	...	...	...	352	...
SWITZERLAND	1969	...	5 387	20 488	9 636	27 762	146 629
UNITED KINGDOM	1970	...	...	...	...	56	...
		...	...	...	...	55 600	244 000
<u>OCEANIA</u> (2)							
AUSTRALIA	1970/71	3 223	7 738	33 935	...	...	...
GUAM	1969	3 054	7 700	33 857	...	...	...
		169	38	78	...	...	...

1/ Holdings with sales of \$2 500 and over.

TABLE 6.20 - Dry broad beans, lentils and buckwheat

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Dry broad beans			Lentils			Buckwheat		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
TOTAL (13)		171 770	61 529	24 512	116 071	82 819	13 155	5 721	81 562	24 773
AFRICA (2)		...	316	349	...	...	...	...	6 755	6 262
SIERRA LEONE	1971	...	316	349	...	...	...	...	...	...
SOUTH AFRICA	1970/71	...	...	...	...	...	...	...	6 755	6 262
NORTH AND CENTRAL AMERICA (4)		2 012	2 965	1 364	414	26 850	...	5 721	65 173	18 511
BELIZE 1/	1973/74	...	2 265	992	...	...	...	...	...	...
CANADA	1971	...	...	...	...	...	...	3 913	49 633	...
PUERTO RICO	1970	2 012	700	372	...	...	...	...	...	...
UNITED STATES	1969	...	...	...	414	26 850	...	1 808	15 540	18 511
SOUTH AMERICA (2)		151 971	45 638	22 544	6 672	4 406	1 850	...	...	...
PERU	1971/72	150 563	45 449	22 039	6 568	4 375	1 838	...	...	...
URUGUAY	1970	1 408	189	505	104	31	12	...	...	...
ASIA (2)		15 628	11 924	...	108 985	50 666	11 070	...	...	...
IRAQ	1971	15 628	11 924	...	...	...	...	...	...	...
PHILIPPINES	1971	...	...	...	108 985	50 666	11 070	...	...	...
EUROPE (3)		2 159	686	255	...	897	235	...	...	...
LUXEMBOURG	1970	...	395	...	...	...	...	...	...	...
HUNGARY	1972	...	...	...	...	897	235	...	...	...
MALTA	1968/69	2 159	291	255	...	...	...	...	...	...

1/ Red kidney beans.

TABLE 6.21 - Tomatoes and cabbages

Countries by continents (number of reporting countries is given in parenthesis)	Year to which data relate	Tomatoes			Cabbages		
		Number of holdings reporting	Area (ha)	Production (m.t.)	Number of holdings reporting	Area (ha)	Production (m.t.)
<u>TOTAL</u> (36)		1 621 039	1 241 826	1 589 374	4 016 396	208 507	1 137 318
<u>AFRICA</u> (4)							
GHANA	1970	65 523	921 402	494	29 361	49	887
LESOTHO	1970	60 000	18 600	...	...	...	...
SOUTH AFRICA	1971	5 523	1	...	29 361	15	...
SWAZILAND	1970	...	902 766	494	...	34	887
		...	35	...	...	...	...
<u>NORTH AND CENTRAL AMERICA</u> (10)							
CANADA	1971	38 002	208 016	691 659	12 595	43 198	9 383
COSTA RICA	1972/73	5 797	11 418	...	3 350	3 780	...
DOMINICAN REPUBLIC	1971	802	494	6 197	484	299	4 645
EL SALVADOR	1970/71	1 048	2 249	73 668	...	...	...
MEXICO	1970	5 439	1 486	...	...	...	...
		...	32 433	571 141	...	...	...
PANAMA	1971	3 090	2 237	40 481	516	197	4 598
PUERTO RICO	1969	396	741	...	...	...	...
ST. LUCIA	1973/74	...	...	172	...	...	140
UNITED STATES ^{1/}	1969	21 418	156 951	...	8 244	38 921	...
VIRGIN ISLANDS (U.S.)	1969	12	7	...	1	1	...
<u>SOUTH AMERICA</u> (3)							
PERU	1972	9 535	7 459	61 112	2 908	1 208	11 295
SURINAME	1968/69	3 600	4 329	30 143	1 894	993	9 882
URUGUAY	1970	363	101	724	349	67	556
		5 572	3 029	30 245	659	148	857
<u>ASIA</u> (8)							
BAHRAIN	1974	1 491 728	62 506	138 531	3 967 394	99 916	18 188
IRAQ	1971	299	118	1 640	...	7	...
ISRAEL	1971	41 983	18 136	...	892	173	...
JAPAN	1970	4 866	4 248	...	507	490	...
KOREA, Republic of	1970	1 359 368	19 500	...	2 250 855	45 300	...
		3 981	319	...	1 705 152	50 764	...
KUWAIT	1970	...	107	2 420	...	...	...
PHILIPPINES	1971	81 231	9 119	23 521	9 988	3 034	17 553
SAUDI ARABIA, Kingdom of	1970/74	...	10 959	110 950	...	148	635
<u>EUROPE</u> (7)							
BELGIUM	1970	10 766	34 777	521 279	4 067	64 126	1 097 545
HUNGARY	1972	...	287	...	...	627	...
IRELAND	1970	...	14 968	316 989	...	7 683	138 545
NORWAY ^{2/}	1969	...	...	...	...	4 833	...
SWITZERLAND	1969	...	263	...	4 067	1 338	...
UNITED KINGDOM	1970	...	...	...	...	445	...
YUGOSLAVIA	1970	...	19 259	204 290	...	49 200	959 000
<u>OCEANIA</u> (4)							
AUSTRALIA	1971	5 485	7 666	176 299	77	10	20
FIJI	1968	5 347	7 500	176 254	...	...	...
GUAM	1969	...	144	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1969	94	21	37	77	10	20
		44	1	8	...	...	...

^{1/} Holdings with sales of US \$2 500 and over. ^{2/} White cabbage only.

TABLE 6.22 - Oranges

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantation:						Scattered trees		Production	Total number of trees
		Area		Number of trees		Number of holdings reporting	Number of trees				
		Trees of productive age	Trees of non productive age	Total	of productive age						
TOTAL (32)	1 247 751	115 079	78 981 258	736 513 183	858 159	74 857 426	67 908	3 567 435	...	262 303 948	
AFRICA (5)	...	...	...	8 093 255	7 065 984	1 027 271	...	373 548	72 234	8 466 803
GHANA	...	...	...	...	...	...	...	2 266	...	...
LESOTHO	...	...	...	...	...	...	...	371 282	46 333	371 282
SIERRA LEONE	...	...	...	7 732 038	6 726 586	1 005 452	...	...	...	7 732 038
SOUTH AFRICA	...	...	...	...	339 398	21 819	...	...	35 901	361 217
SWAZILAND 1/	...	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (10)	85 906	2 909	586 106 464 540	83 565 062	22 899 478	61 465	3 088 436	...	...	109 552 976
BELIZE	...	...	...	...	...	...	...	...	2/333 200	...
COSTA RICA	14 260	...	...	...	...	...	...	244 030	2/50 833	244 030
EL SALVADOR	6 828	231	...	...	616 344	61 465	...	464 270	6 203 767	2 518 498
HONDURAS	2 031	2 603	...	...	...	...	...	9 699	6 839	9 699
MEXICO	...	...	...	...	...	...	...	334 290	873 178	24 542 612
PANAMA	51 311	...	...	...	893 714	...	...	...	2/303 092	2 452 148
PUERTO RICO	3 099	...	...	...	...	...	...	36 147	2/133 772	55 619
ST. LUCIA	...	75	...	...	8 819	...	...	...	2/850	79 729 974
UNITED STATES 3/	15 169	...	...	...	13 501 295	...	...	...	7 142 267	79 729 974
VIRGIN ISLANDS (U.S.)	36	...	...	...	203	193	...	...	3	396
SOUTH AMERICA (5)	561 339	19 270	12 695 116 399 010	74 448 285	41 950 745	6 443	96 335	...	...	116 495 345
BRAZIL	529 032	...	...	...	41 632 042	...	...	...	2/5 409 983	110 917 972
PERU	5 208	...	...	...	...	...	...	...	91 044	...
SURINAME	3 610	1 351	...	...	...	...	...	...	2/59 045	...
URUGUAY	...	...	...	...	318 703	...	...	...	42 142	1 658 711
VENEZUELA	23 489	17 919	...	...	3 822 327	...	6 443	96 335	2/744 610	3 918 662
ASIA (7)	455 363	92 900	65 700 6 799 194	2 933 302	5 865 894	...	...	9 116	6 889	8 808 312
IRAQ	19 653	...	...	...	1 389 533	...	...	...	...	3 666 461
ISRAEL	11 096	...	...	...	...	...	...	...	...	...
JAPAN 4/	371 016	92 900	65 700	...	...	...	...	...	...	4 647 807
KOREA, Republic of	9 559	...	...	...	4 228 408	...	...	...	...	4 647 807
KUWAIT	...	...	...	...	82	...	...	221	21	303
PHILIPPINES	44 039	...	...	...	200 541	226 130	...	...	5 089	426 671
SAUDI ARABIA, Kingdom of	...	...	...	...	36 352	21 823	...	8 895	1 779	67 070
EUROPE (1)	136 580	...	...	...	11 168 580	2 298 780	...	...	...	13 467 360
GREECE	136 580	...	...	...	11 168 580	2 298 780	...	...	...	13 467 360
OCCUPANTIA (4)	8 563	...	...	...	4 676 966	815 258	...	...	322 360	5 513 152
AMERICAN SAMOA	598	...	...	...	...	...	...	...	30	6 926
AUSTRALIA	7 144	...	...	...	4 676 966	815 258	...	...	322 203	5 492 224
GUAM	248	...	...	...	1 176	...	...	...	4	1 176
PACIFIC ISLANDS (TRUST TERRITORY) 4/	573	...	...	...	12 826	...	...	...	123	12 826

1/ Modern sector. 2/ Thousands of fruits. 3/ Holdings with sales of US \$2 500 and over. 4/ Mandarin oranges.

TABLE 6.23 - Mandarines and tangerines

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations					Number of scattered trees	Production (m.t.)	Total number of trees
		Number of holdings reporting	Total area	Number of trees		of non- productive trees			
				Total	of productive age				
<u>TOTAL</u> (12)	80 774	7 180	20 986	6 561 640	5 061 857	1 496 396	18 933	268 922	6 580 573
<u>AFRICA</u> (1)	...	...	...	...	...	...	17 382	776	17 382
SIERRA LEONE	...	...	...	...	...	...	17 382	776	17 382
<u>NORTH AND CENTRAL AMERICA</u> (1)	2 421	...	13 374	2 655 806	2 138 872	516 934	...	198 565	2 655 806
<u>UNITED STATES</u> 1/	2 421	...	13 374	2 655 806	2 138 872	516 934	...	198 565	2 655 806
<u>SOUTH AMERICA</u> (2)	507	...	926	1 038 661	840 318	198 343	...	40 057	1 038 661
PERU	507	...	926	...	...	...	...	4 179	...
URUGUAY	...	...	...	1 038 661	840 318	198 343	...	35 878	1 038 661
<u>ASIA</u> (5)	27 308	...	4 036	645 136	396 012	249 124	1 551	8 703	646 687
IRAQ	5 346	...	...	105 807	80 764	25 043	...	...	105 807
ISRAEL	2 232	...	868	...	...	...	...	...	...
KUWAIT	...	...	...	35	35	...	...	...	54
PHILIPPINES	19 730	...	...	481 566	283 852	197 714	...	7 922	481 566
SAUDI ARABIA, Kingdom of	...	...	418	57 728	31 361	26 367	1 532	780	59 260
<u>EUROPE</u> (1)	46 480	7 180	2 650	1 547 480	1 177 660	369 820	...	...	1 547 480
GERMANY, Federal Republic of	46 480	7 180	2 650	1 547 480	1 177 660	369 820	...	...	1 547 480
<u>OCEANIA</u> (2)	4 058	...	...	674 557	508 995	162 175	...	20 821	674 557
AUSTRALIA	3 706	...	...	671 170	508 995	162 175	...	20 806	671 170
GUAM	352	...	...	3 387	...	...	...	15	3 387

1/ Holdings with sales of US \$2 500 and over.

Area: in hectares
Production: in metric tons
TABLE 6.24 - Grapefruit and pomelo

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees		Production	Total number of trees	
		Number of holdings reporting	Area		Number of trees		Number of holdings reporting	Number of trees				
			Total	Trees of productive age	Trees of non produc- tive age	Total			of productive age			of non produc- tive age
TOTAL (18)	76 713	10 544	88 455	2 054	1 288	14 959 815	11 630 580	3 146 166	642	35 293	...	14 995 108
AFRICA (3)	...	...	821	...	...	732 796	550 104	82 692	...	10 857	37 911	743 653
SIERRA LEONE	...	...	...	...	...	...	...	...	...	10 857	775	10 857
SOUTH AFRICA	...	...	...	...	...	534 424	483 298	51 126	...	...	...	534 424
SWAZILAND 1/	...	...	821	...	...	198 372	2/166 806	31 566	...	...	37 136	198 372
NORTH AND CENTRAL AMERICA (5)	6 201	8 157	75 887	738	739	13 424 924	10 596 050	2 828 874	...	14 909	...	13 439 833
BELIZE	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS	142	...	1 455	...	734	...	...	...	...	...	...	...
PUERTO RICO 4/	135	135	123	731	...	...	...	...	...	420	5 752	420
ST. LUCIA	...	2 098	12	7	5	4 274	2 162	2 112	...	14 489	3/1 415 000	...
UNITED STATES 5/	5 904	5 904	74 287	...	...	13 420 394	10 593 720	2 826 674	...	...	3/526 300	18 763
VIRGIN ISLANDS (U.S.)	20	20	...	...	...	256	168	88	...	...	1 953 701	13 420 394
SOUTH AMERICA (3)	3 387	2 244	1 865	1 316	549	317 128	75 814	59 232	642	9 527	...	326 655
SURINAME	96	96	443	377	66	...	...	...	...	...	...	...
URUGUAY	1 171	1 171	...	...	...	135 045	75 814	59 232	...	...	3/7 094 000	...
VENEZUELA	2 120	977	1 422	939	482	182 082	...	...	642	9 527	2 516	135 045
ASIA (3)	64 397	...	0 892	...	...	282 118	164 281	117 837	...	...	5 883	282 118
IRAC	1 984	...	...	...	...	14 045	11 275	2 770	...	...	...	14 045
ISRAEL	5 100	...	7 948	...	...	268 073	153 006	115 067	...	...	...	...
PHILIPPINES	56 313	...	1 944	...	...	202 849	144 331	57 531	...	...	13 337	202 849
OCEANIA (3)	2 728	143	...	...	...	844	...	...	...	...	3	844
AMERICAN SAMOA	74	74	...	...	...	201 862	144 331	57 531	...	...	13 332	201 862
AUSTRALIA	2 585	...	...	...	...	143	...	...	...	...	2	201 862
GUAM	69	69	...	...	...	...	...	...	...	...	...	143

1/ Modern sector. 2/ Harvested trees. 3/ Number of fruits. 4/ Holdings with sales of US \$1 200 and over. 5/ Holdings with sales of US \$2 500 and over.

Area: in hectares
Production: in metric tons

TABLE 6.25 - Lemons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Number of scattered trees	Production	Total number of trees	
		Number of holdings reporting	Area		Number of trees		of non productive age				
			Total	Trees of productive age	Trees of nonproduc- tive age	Total					of productive age
TOTAL (17)	225 142	24 680	71 231	...	...	16 932 080	11 451 070	5 473 374	691 412	140 474	17 523 492
AFRICA (3)	...	...	106	...	...	300 077	248 338	51 729	13 887	829	313 964
SIERRA LEONE	...	...	...	...	...	...	...	...	13 887	620	13 887
SOUTH AFRICA	...	...	...	...	...	291 239	240 517	50 722	...	...	291 239
SWAZILAND 1/	...	...	106	...	...	8 838	7 821	1 007	...	209	8 838
NORTH AND CENTRAL AMERICA (4)	33 299	...	48 609	...	...	9 954 484	6 659 063	3 295 421	664 307	78 355	10 618 791
MEXICO	...	...	23 366	...	...	3 350 447	1 449 372	1 901 075	664 307	76 070	4 014 754
PANAMA	31 078	...	...	...	...	239 732	175 274	64 458	...	...	239 732
UNITED STATES 2/	2 153	...	25 243	...	...	6 363 637	5 034 009	1 329 628	...	2 283	6 363 637
VIRGIN ISLANDS (U.S.) 3/	68	...	...	...	...	668	408	260	...	2	668
SOUTH AMERICA (2)	11 473	...	3 845	...	...	354 341	229 853	124 988	...	20 212	354 841
PERU	3 008	...	3 845	...	...	...	...	...	...	14 665	...
URUGUAY	8 465	...	...	...	...	354 841	229 853	124 988	...	5 547	354 841
ASIA (4)	63 990	...	9 069	...	...	2 019 537	785 665	1 233 872	13 218	11 540	2 032 755
ISRAEL	1 410	...	1 223	...	...	...	...	...	...	...	...
KUWAIT	...	...	...	...	...	85	85	...	10	3	95
PHILIPPINES 3/	62 580	...	7 110	...	...	1 891 309	709 728	1 181 581	...	6 143	1 891 309
SAUDI ARABIA, Kingdom of	...	...	736	...	...	128 143	75 852	52 291	13 208	5 394	141 351
EUROPE (1)	111 180	24 680	9 602	...	...	3 698 880	3 108 400	590 480	...	...	3 698 880
GREECE	111 180	24 680	9 602	...	...	3 698 880	3 108 400	590 480	...	...	3 698 880
OCEANIA (3)	5 200	...	...	...	...	604 261	419 751	176 884	...	29 538	604 261
AMERICAN SAMOA	478	...	...	...	...	3 542	...	...	...	18	3 542
AUSTRALIA 3/	4 148	...	...	...	...	596 635	419 751	176 884	...	29 494	596 635
GUAM 3/	574	...	...	...	...	4 084	...	...	...	26	4 084

1/ Modern sector. 2/ Holdings with sales of US \$2 500 and over. 3/ Lemons and limes.

Area: in hectares
Production: in metric tons
TABLE 6.26 - Apples

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations			Scattered trees			Production	Total number of trees		
		Area			Number of trees						
		Total	Trees of productive age	Trees of non produc- tive age	Total	of productive age	of non productive age			Number of holdings reporting	Number of trees
TOTAL (28)	2 261 879	664 024	120 062	18 447	101 350 750	66 401 101	32 314 334	1 706 954	18 550 710	37 231 939	119 901 460
AFRICA (2)	...	...	...	...	6 490 374	4 378 421	2 111 953	...	22 532	...	6 512 905
LESOTHO	...	...	...	...	1 209	985	224	...	22 532	...	23 741
SOUTH AFRICA	...	...	...	...	6 489 165	4 377 436	2 111 729	...	...	...	6 489 165
NORTH AND CENTRAL AMERICA (3)	30 976	274 329	...	...	42 747 460	28 500 654	14 246 806	...	689 846	3 001 119	43 437 306
CANADA	9 686	37 350	...	...	6 687 242	1/4 193 304	2/2 493 938	...	689 846	...	6 687 242
MEXICO	...	24 185	...	...	4 034 898	1 609 825	2 475 073	...	...	278 906	4 774 744
UNITED STATES 3/	21 290	212 794	...	...	31 975 320	22 697 525	9 277 795	...	...	2 722 213	31 975 320
SOUTH AMERICA (2)	4 679	5 728	...	...	1 326 219	1 120 729	205 490	...	...	31 951 912	1 326 219
PERU	4 679	5 728	...	...	1 326 219	1 120 729	205 490	...	...	19 035	...
URUGUAY	...	...	...	...	...	...	...	...	...	31 932 877	1 326 219
ASIA (7)	221 327	84 865	55 200	6 000	6 777 753	2 135 970	2 204 742	26 095	378 454	267	7 156 207
IRAQ	23 695	...	...	...	1 647 436	1 013 020	634 416	...	...	...	1 647 436
ISRAEL	1 602	3 332	...	...	...	...	...	...	...	...	...
JAPAN	125 114	61 200	55 200	6 000	...	...	...	5 293	50 963	...	4/150 547
JERMAN	6 677	601	...	...	99 504	...	...	...	...	...	3 679 431
KOREA, Republic of	30 189	19 699	...	...	3 679 431	2 112 265	1 567 166	20 162	325 771	...	5/ 563 228
PAKISTAN	34 050	...	...	...	1 337 457	...	...	...	1 720	267	15 565
SAUDI ARABIA, Kingdom of	...	33	...	...	13 845	10 685	3 160	...	...	...	...
EUROPE (13)	1 997 714	299 102	64 862	12 147	34 317 019	21 450 977	11 657 768	1 680 909	17 459 878	1 835 997	51 776 807
BELGIUM	...	...	...	...	...	...	...	...	...	...	8 229 530
CZECHOSLOVAKIA	1 681 762	24 354	16 871	7 453	6 983 471	4 033 013	2 950 458	1 680 909	16 289 914	240 624	23 273 385
DENMARK	570	1 868	...	...	...	...	...	...	...	...	974 252
FINLAND	...	...	...	...	974 252	728 371	245 881	...	1 161 000	...	1 161 000
FRANCE	74 874	63 234	...	...	...	...	...	...	...	...	...
GREECE	150 340	15 758	...	...	4 523 340	3 341 840	1 181 500	...	8 964	709 349	4 523 340
HUNGARY	80 691	52 985	47 991	4 994	9 559	8 229	1 330	...	...	...	18 523
ITALY	...	77 903	...	...	48 362	40 226	8 136	...	...	234	4/48 362
MALTA	583	52	...	...	1 198 274	...	...	...	...	...	1 198 274
NORWAY	...	...	...	...	...	...	...	...	...	...	...
PORTUGAL 4/	1 782	2 607	...	...	...	...	...	...	...	543 090	...
UNITED KINGDOM	7 112	40 371	...	...	20 579 761	13 309 298	7 270 463	...	...	342 790	20 579 761
YUGOSLAVIA	...	...	...	...	...	...	...	...	...	442 644	9 691 925
OCEANIA (1)	7 183	...	...	...	9 691 925	7 804 350	1 887 575	...	...	442 644	9 691 925
AUSTRALIA	7 183	...	...	...	9 691 925	7 804 350	1 887 575	...	...	442 644	9 691 925

1/ Five years of age and over. 2/ Under five years of age. 3/ Holdings with sales of \$2 500 and over. 4/ Pome fruit trees. 5/ 809 538 of productive age. 6/ 690 of non productive age.

Area: in hectares
Production: in metric tons

TABLE 6.27 - Pears

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees			Production	Total number of trees
		Number of holdings reporting	Area		Number of trees		Number of holdings reporting	Number of trees	Production			
			Total	Trees of productive age	Trees of non produc- tive age	Total				of productive age		
TOTAL (20)	1 758 305	85 065	192 508	22 979	3 594	23 905 546	15 356 024	4 947 688	1 306 629	4 854 282	1 003 191	28 759 828
AFRICA (2)	...	...	...	...	...	2 085 825	1 542 299	543 526	...	4 836	...	2 090 661
LESOTHO	...	...	...	...	...	2 085 825	1 542 299	543 526	...	4 836	...	4 836
SOUTH AFRICA	...	...	...	...	...	12 096 911	9 481 594	2 615 317	...	...	610 678	12 096 911
NORTH AND CENTRAL AMERICA (2)	15 833	9 847	49 818	...	...	1 093 483	873 700	219 783	...	...	...	1 093 483
CANADA	5 986	...	4 645	...	...	11 003 428	8 607 894	2 395 534	...	...	610 678	11 003 428
UNITED STATES 1/	9 847	9 847	45 173	...	...	342 594	279 801	62 793	...	...	9 545	342 594
SOUTH AMERICA (2)	4 834	...	624	...	...	342 594	279 801	62 793	...	...	2 367	342 594
PERU	739	...	624	...	...	3 242 111	1 442 336	1 094 758	15 028	65 581	...	3 307 692
URUGUAY	4 095	...	...	...	...	127 356	78 273	49 093	...	...	...	127 366
ASIA (5)	111 658	74 477	27 022	16 300	1 800	2 409 728	1 364 063	1 045 665	...	...	...	2 409 728
IRAQ	7 513	...	...	...	...	705 017	...	...	15 028	65 581	...	770 598
ISRAEL	1 754	...	2 038	...	...	3 489 442	342 562	249 963	1 291 601	4 783 865	197 096	8 273 307
JAPAN	67 668	67 668	18 100	16 300	1 800	2 896 817	...	...	...	...	...	2 896 817
KOREA, Republic of	13 210	...	6 884	...	...	590 869	341 345	249 524	1 291 601	4 381 759	58 069	4 972 628
PAKISTAN	21 513	6 802	...	...	...	1 756	1 317	439	...	398 000	...	398 000
EUROPE (8)	1 520 597	741	115 044	6 679	1 794	1 756	1 317	439	...	4 106	66 027	5 862
BELGIUM	...	...	...	...	...	57 843	...	...	...	...	73 000	...
CZECHOSLOVAKIA	1 291 536	741	3 093	2 145	948	2 648 563	2 267 332	381 331	...	...	185 872	2 648 663
DENMARK 2/	367	...	728	...	...	2 648 563	2 267 332	381 331	...	...	185 872	2 648 663
FRANCE	40 856	...	31 400	...	...	...	...	...	...	...	...	...
HUNGARY	...	...	5 380	4 534	845	...	...	...	...	...	...	...
ITALY	69 167	...	57 843	...	...	...	...	...	...	...	...	...
NORWAY	218 671	...	...	...	...	...	...	...	...	...	...	...
UNITED KINGDOM	...	...	6 600	...	...	...	...	...	...	...	...	...
OCEANIA (1)	5 283	...	...	...	...	...	...	...	...	...	...	...
AUSTRALIA	5 283	...	...	...	...	...	...	...	...	...	...	...

1/ Holdings with sales of US \$2 500 and over. 2/ Including plums and cherries.

TABLE 6.28 - Cherries

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations										Production	Total number of trees
		Area			Number of trees				Number of scattered trees				
		Total	Trees of productive age	Trees of non produc- tive age	Total	of productive age	of non productive age						
TOTAL (13)	77 549	79 372	1 242	498	21 258 760	14 944 247	5 696 588	627 761	330 587	21 886 521			
AFRICA (2)	...	...	...	...	127 558	78 990	48 568	1 605	...	129 163
LESOTHO	...	...	...	...	...	...	...	1 605	...	1 605
SOUTH AFRICA	...	...	...	...	127 558	78 990	48 568	...	...	127 558
NORTH AND CENTRAL AMERICA (2)	14 620	56 239	...	...	10 587 223	8 393 843	2 193 380	...	214 260	10 587 223	
CANADA	1/5 093	3 953	...	...	808 260	613 098	195 162	...	...	808 260
UNITED STATES	9 527	52 286	...	...	9 778 963	7 780 745	1 998 218	...	214 260	9 778 963	
SOUTH AMERICA (1)	111	...	...	...	2 716	2 200	516	...	36	2 716
URUGUAY	111	...	...	...	2 716	2 200	516	...	36	2 716
ASIA (1)	21 181	1 240	...	...	112 652	72 795	39 857	...	1 640	112 652	
PHILIPPINES	21 181	1 240	...	...	112 652	72 795	39 857	...	1 640	112 652	
EUROPE (6)	41 125	21 893	1 242	498	10 214 577	6 248 213	3 348 439	626 156	110 644	10 840 733			
BELGIUM	...	...	...	...	494 994	...	...	...	...	494 994
FRANCE	41 125	17 153	...	...	...	...	...	624 000	...	624 000
HUNGARY	...	1 740	1 242	498	252	155	97	2 156	25 064	2 408			
NORWAY	...	...	...	...	122 931	...	...	...	...	122 931
UNITED KINGDOM	...	3 000	...	...	...	...	...	...	13 000	...
YUGOSLAVIA 2/	...	...	...	...	9 595 400	6 248 058	3 348 342	...	72 580	9 596 400
OCEANIA (1)	512	...	...	...	214 034	148 206	65 828	...	4 007	214 034
AUSTRALIA	512	...	...	...	214 034	148 206	65 828	...	4 007	214 034

1/ Sweet cherries only. 2/ Sweet and sour cherries.

TABLE 6.29 - Peaches

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees		Production	Total number of trees					
		Number of holdings reporting	Area		Trees of productive age	Trees of non produc- tive age	Total	Number of trees								
			Total	Trees of productive age				of non productive age	Number of trees							
TOTAL (21)	669 939	133 531	32 628	4 451	55 570	47 447	826 800	309 524	3 232	436	2 370	545	68 803	262		
AFRICA (2)	...	...	...	...	6 149	834	4 700	334	1 449	500	708	255	6 858	089		
LESOTHO	...	...	...	...	45	159	40	843	4	326	708	255	753	424		
SOUTH AFRICA	...	...	...	...	6 104	665	559	491	1 445	174	...	...	6 104	665		
NORTH AND CENTRAL AMERICA (3)	18 530	...	...	...	34 481	851	25 307	466	9 174	385	1 356	926	2 004	529	35 838	777
CANADA	3 799	...	...	...	1 671	333	1 025	131	646	202	...	...	648	285	1 671	333
MEXICO	14 731	...	...	...	4 702	809	1 554	867	3 147	942	1 356	926	1 356	244	6 059	735
UNITED STATES 1/	3 251	558	958	183	28 107	709	22 127	468	5 380	241	...	...	1 356	244	28 107	739
SOUTH AMERICA (3)	2 468	...	...	...	3 042	244	2 528	258	513	986	117	1 570	45	304	3 042	814
PERU	...	...	...	...	2 854	885	2 350	899	513	986	...	...	5 400	...	...	...
URUGUAY	...	...	...	...	177	359	177	359	...	...	117	1 570	37	244	2 864	885
VENEZUELA	783	558	958	183	177	359	177	359	...	...	...	...	2 660	...	178	929
ASIA (5)	158 274	109 141	17 600	3 200	4 402	481	2 759	910	1 409	745	20 317	58 704	...	...	4 451	185
IRAQ	7 959	...	...	...	229	995	99	021	130	874	...	...	...	...	229	895
ISRAEL	1 413	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
JAPAN	102 880	102 860	17 600	3 200	...	...	...	...	...	...	...	...	...	...	...	...
KOREA, Republic of	29 680	9 130	...	...	3 999	760	2 660	889	1 338	871	...	...	...	...	3 999	760
PAKISTAN	26 342	6 261	...	...	172	826	...	...	...	...	20 317	58 704	...	...	231	530
EUROPE (7)	473 280	23 832	14 070	1 078	14 550	500	9 755	213	4 726	041	289 090	1 106 981	190	296	15 657	481
BELGIUM	...	...	...	...	59	245	...	...	...	...	...	...	...	...	59	245
CZECHOSLOVAKIA	289 344	492	1 737	757	927	846	536	074	391	772	289 090	775 702	14	375	1 703	548
FRANCE 2/	35 544	...	...	...	49	223	...	...	...	...	321 000	321 000	...	...	321	000
GREECE	71 100	23 340	...	...	7 967	760	5 340	060	2 627	700	...	...	...	...	7 967	760
HUNGARY 2/	...	...	12 333	311	4 520	...	4 330	...	190	...	...	10 279	131	781	14	799
ITALY	77 292	...	...	...	5 581	128	3 874	749	1 706	379	...	...	44	140	5 581	128
YUGOSLAVIA	...	...	...	...	2 943	916	2 396	773	547	143	...	...	130	416	2 943	916
OCEANIA (1)	6 604	...	...	...	2 943	916	2 396	773	547	143	...	...	130	416	2 943	916
AUSTRALIA 2/	6 604	...	...	...	2 943	916	2 396	773	547	143	...	...	130	416	2 943	916

1/ Holdings with sales of US \$2 500 and over. 2/ Including nectarines.

TABLE 6.30 - Plums and prunes

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees				Production	Total number of trees
		Area		Trees of productive non produc- tive age		Number of trees of productive non produc- tive age		Number of holdings reporting	Number of trees	Number of holdings reporting	Number of trees		
		Total	Trees of productive age	Trees of non produc- tive age	Total	of productive age	non produc- tive age						
TOTAL (16)	37 154	106 570	5 855	746	107 236 117	83 305 704	22 751 283	16 403	2 000 658	1 722 806	109 236 775		
AFRICA (2)	1 971	...	...	...	978 489	690 238	288 251	...	6 740	...	985 229
LESOTHO	...	...	...	...	...	...	...	...	6 740	...	6 740
SOUTH AFRICA	1 971	...	...	...	978 489	690 238	288 251	...	...	...	978 489
NORTH AND CENTRAL AMERICA (3)	10 342	71 290	...	...	15 900 541	12 969 735	2 930 806	...	712 977	473 930	16 613 518
CANADA	5 219	1 879	...	...	410 859	298 109	112 750	...	...	...	410 859
MEXICO	...	4 250	...	...	781 313	480 056	301 257	...	712 977	28 953	1 494 290
UNITED STATES	1/5 123	65 151	...	...	14 708 369	12 191 570	2 516 799	...	...	444 977	14 708 369
SOUTH AMERICA (1)	5 103	...	...	...	395 817	314 578	81 239	...	...	5 478	395 817
URUGUAY	5 103	...	...	...	395 817	314 578	81 239	...	...	5 478	395 817
ASIA (4)	34 569	723	...	...	1 085 514	158 447	102 502	16 403	115 757	1 141	1 201 271
IRAQ	6 899	...	...	...	229 260	30 620	98 640	...	...	...	229 260
ISRAEL	452	620	...	...	824 565	...	...	16 403	74 767	...	803 332
PAKISTAN	27 208	103	...	...	31 689	27 827	3 862	...	40 990	1 141	70 679
SAUDI ARABIA, Kingdom of	...	...	...	...	...	...	...	...	...	...	...
EUROPE (5)	40 077	34 557	5 855	746	87 867 223	68 355 684	19 156 979	...	1 165 184	1 212 131	89 032 407		
FRANCE	40 077	21 156	...	...	1 265	1 068	197	...	1 147 000	...	1 147 000
HUNGARY	...	6 501	5 855	746	354 560	...	...	...	18 184	251 331	19 459
NORWAY	...	...	...	...	...	...	...	...	...	46 000	354 560
UNITED KINGDOM	...	6 800	...	...	...	...	...	...	...	914 800	...
YUGOSLAVIA	...	...	...	...	87 511 398	68 354 616	19 156 782	...	...	...	87 511 398
OCEANIA (1)	5 092	...	...	...	1 008 533	817 022	191 511	...	...	30 126	1 008 533
AUSTRALIA	5 092	...	...	...	1 008 533	817 022	191 511	...	...	30 126	1 008 533

1/ Holdings with sales of \$2 500 and over.

TABLE 6.31 - Dates

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations				Scattered trees			Production	Total number of trees
		Number of holdings reporting	Total area	Number of trees		Number of holdings reporting	Number of trees			
				Total	of productive age			of non productive age		
TOTAL (7)	316 881	36 333	33 888	27 836 505	21 076 096	5 330 422	174 016	3 322 863	211 741	31 159 368
NORTH AND CENTRAL AMERICA (1)	150	...	1 569	192 539	167 677	24 862	...	...	12 237	192 539
UNITED STATES 1/	150	...	1 569	192 539	167 677	24 862	...	...	12 237	192 539
ASIA (6)	316 731	36 333	32 319	27 643 966	20 908 419	5 305 560	174 016	3 322 863	199 504	30 966 829
BAHRAIN	2/ 813	...	...	425 931	281 284	144 647	...	...	11 358	3/ 425 931
IRAQ	112 717	...	...	19 040 292	15 755 623	3 284 669	...	...	...	19 040 292
ISRAEL	144	...	363	...	...	...	...	...	...	...
KUWAIT	...	...	...	7 088	4 202	2 886	...	4 781	300	11 869
PAKISTAN	203 057	36 333	...	1 429 987	...	...	174 016	3 189 397	...	4 619 384
SAUDI ARABIA, Kingdom of	...	...	31 956	6 740 668	4 867 310	1 873 358	...	128 685	187 846	6 869 353

1/ Holdings with sales of US \$2 500 and over. 2/ Holdings reporting dates (Jujube) not included. 3/ Including trees of dates (Jujube).

Area: in hectares
Production: in metric tons

TABLE 6.32 - Figs

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations					Number of scattered trees	Production	Total number of trees
		Total area	Number of trees			Of nonproductive age			
			Total	Of productive age	Of nonproductive age				
TOTAL (10)	179 878	148 025	1 385 809	1 222 890	162 919	17 226	49 393	1 403 035	
AFRICA (2)	142 326	140 893	...	...	...	3 044	...	3 044
ALGERIA	1/142 326	140 893	...	...	...	...	...	...
LESOTHO	...	...	...	...	...	3 044	...	3 044
NORTH AND CENTRAL AMERICA (1)	524	6 990	897 014	850 804	46 210	...	47 320	897 014	
UNITED STATES ^{2/}	524	6 990	897 014	850 804	46 210	...	47 320	897 014	
SOUTH AMERICA (1)	3 377	...	28 561	23 022	5 539	...	825	28 561	
URUGUAY	3 377	...	28 561	23 022	5 539	...	825	28 561	
ASIA (5)	32 712	142	444 536	335 818	108 718	14 182	641	458 718	
BAHRAIN	...	...	8 842	6 339	2 503	...	...	8 842
IRAQ	32 134	...	4 183 335	3 142 000	1 041 335	...	...	4 183 335
ISRAEL	578	104	...	...	...	...	...	...
KUWAIT	...	...	13	13	...	64	...	77
SAUDI ARABIA, Kingdom of	...	38	17 346	15 266	2 080	14 118	641	31 464	
OCEANIA (1)	939	...	15 698	13 246	2 452	...	607	15 698	
AUSTRALIA	939	...	15 698	13 246	2 452	...	607	15 698	

1/ Including holdings reporting olives.
2/ Holdings with sales of \$2 500 and over.

TABLE 6.33 - Navioes

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations				Scattered trees			Production	Total number of trees	
		Number of holdings reporting	Area		Trees of productive non produc- tive age	Number of trees		Number of trees			
			Total	Trees of productive age		Total	of productive productive age				of non productive age
TOTAL (26)	527 061	117 507	49 475	4 097	3 945	11 940 234	3 510 506	3 492 213	2 693 019	14 633 253	...
AFRICA (6)	...	...	774	...	...	3 309 839	1 629 477	1 612 649	25 791	3 335 630	...
REUNION	...	...	...	...	...	...	...	...	25 791	25 791	...
SIERRA LEONE	...	...	701	...	...	67 713	...	...	...	67 713	3 476
SOUTH AFRICA	...	...	...	...	...	944 102	447 880	496 222	...	944 102	...
SWAZILAND	...	...	73	...	...	8 624	2 497	6 127	...	8 624	35
ZAIRE	...	...	...	...	...	2 289 400	1 179 100	1 110 300	...	2 289 400	...
ZAMBIA	...	...	...	...	...	...	...	...	...	1/160 404 000	...
NORTH AND CENTRAL AMERICA (9)	29 389	2 818	16 188	560	21	2 447 227	1 022 956	1 424 271	70 865	1 390 888	...
BELIZE	...	...	...	...	...	...	...	...	...	...	1/4 204 000
EL SALVADOR	...	2 818	668	...	...	253 664	207 005	46 659	70 865	679 502	199 228
HONDURAS	914	...	581	560	21	1 870 828	608 093	1 262 735	...	3 263	2 059
MEXICO	...	...	15 984	...	...	205 518	135 986	69 532	...	708 123	102 930
PANAMA	23 261	...	...	...	...	...	...	...	...	...	...
PUERTO RICO	72	...	40	...	...	111 917	67 377	44 540	...	...	1/871 000
ST. LUCIA	5 021	...	...	...	...	1 610	1 563	47	...	...	1/3 916 700
UNITED STATES 2/ VIRGIN ISLANDS (U.S.)	32 89	...	...	...	...	3 590	2 932	758	...	...	30
SOUTH AMERICA (2)	11 081	4 714	9 956	3 537	3 924	302 285	302 285	...	2 302	20 380	...
PERU	1 116	...	2 495	...	...	...	...	...	...	...	5 993
VENEZUELA	9 965	4 714	7 461	3 537	3 924	302 285	302 285	...	2 302	20 380	98 566 600
ASIA (5)	484 202	109 975	20 557	...	...	5 814 682	522 865	430 939	192 848	1 255 960	51 289
BAHRAIN	...	...	...	...	...	11 743	5 051	6 692	...	...	...
IRAQ	454	...	...	...	...	8 487	5 073	3 414	...	...	...
ISRAEL	145	...	181	...	...	...	...	...	...	...	...
PAKISTAN	287 156	109 975	...	...	...	4 852 878	...	...	192 848	1 255 960	...
PHILIPPINES	196 446	...	20 376	...	...	941 574	512 741	428 833	...	...	51 289
OCEANIA (4)	2 389	...	...	...	...	66 201	32 923	16 354	...	...	1 849
AMERICAN SAMOA	586	...	...	...	...	2 306	...	...	...	...	36
AUSTRALIA	397	...	...	...	...	49 277	32 923	16 354	...	...	1 500
GUAM	484	...	...	...	...	1 740	...	...	...	...	22
PACIFIC ISLANDS (TRUST TERRITORY)	922	...	...	...	...	12 878	...	...	...	...	291

1/ Number of fruits. 2/ Holdings with sales of US \$2 500 and over.

TABLE 6.34 - Bananas

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees		Production	Total number of trees	
		Number of holdings reporting	Area		Trees of productive age	Number of trees		Number of holdings reporting	Number of trees			
			Total	Trees of productive age		Total	of non productive age					
TOTAL (41)	1 628 060	53 926	1 854 383	137 669	29 249	97 797 185	80 440 864	15 224 715	48 924	10 861 055	...	...
AFRICA (13)	135 275	...	848 407	...	...	1 222 032	697 025	525 007	...	157 650	...	215 103 883
CAMEROON	...	...	487 999	...	...	...	...	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	...	...	11 170	...	...	...	...	...	...	...	...	...
CONGO	34 257	...	7 131	...	...	...	...	...	...	...	...	...
GABON	37 175	...	...	...	...	...	...	...	...	...	...	...
IVORY COAST	...	...	174 326	...	...	...	...	...	...	...	...	...
KENYA 1/	...	...	130 400	...	...	...	...	...	...	...	...	...
REUNION	...	...	2 325	...	...	...	...	...	...	157 650	...	157 650
SIERRA LEONE	...	...	8 541	...	...	...	...	...	...	...	...	13 689
SOUTH AFRICA	...	...	...	...	...	...	...	...	...	...	...	77 652
SWAZILAND	...	...	250	...	...	1 222 032	697 025	525 007	...	...	...	1 665
TANZANIA	63 842	...	26 265	...	...	...	...	...	...	...	...	1 222 032
ZAIRE	...	...	...	...	...	...	...	...	...	...	...	...
ZAMBIA	...	...	...	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (13)	178 739	11 005	173 742	76 525	8 869	54 289 211	38 122 953	14 034 652	41 637	10 040 328	...	...
BELIZE	...	...	...	...	...	...	...	...	...	...	...	...
COSTA RICA	4 256	...	36 155	34 609	1 546	...	...	...	...	...	...	...
DOMINICAN REPUBLIC	51 748	...	26 270	20 215	6 055	...	...	...	...	...	...	...
EL SALVADOR	52 642	...	2 084	...	...	2 131 705	...	...	41 637	4 196 177	...	4 196 177
GUADELOUPE	3 639	...	7 300	...	...	...	...	...	...	1 157 594	...	3 289 300
HONDURAS	5 379	...	19 263	18 925	338	...	...	...	...	22 798	...	22 798
JAMAICA	...	...	15 773	...	...	...	...	...	...	...	...	...
MEXICO	50 401	...	56 419	...	...	28 957 973	17 986 318	10 971 555	...	4 563 759	...	33 621 732
PANAMA	6 425	...	5 526	...	...	22 690 874	19 741 552	2 949 322	...	...	...	22 690 874
PUERTO RICO	...	...	3 705	2 776	930	405 405	311 255	95 140	...	...	...	...
ST. LUCIA	4 003	...	3 245	...	...	102 253	83 818	18 535	...	...	...	405 405
UNITED STATES 8/	131	...	...	...	...	...	...	...	...	...	...	102 253
VIRGIN ISLANDS (U.S.)	75	...	...	...	...	...	...	...	...	...	...	2/7 359
SOUTH AMERICA (4)	600 078	42 921	582 182	51 644	19 780	40 504 221	40 504 221	...	7 287	532 279	...	41 136 500
BRAZIL	470 608	...	439 634	...	...	...	...	...	...	...	...	5/246 276
PERU	72 390	...	59 530	...	...	...	...	...	...	...	...	459 097
SURINAME	1 774	...	1 594	...	...	...	...	...	...	...	...	44 165
VENEZUELA	55 305	42 921	71 424	51 644	19 780	40 504 221	40 504 221	...	7 287	632 279	...	369 239 41 136 500

(continued)

See footnotes at end of table.

Area: in hectares
Production: in metric tons

TABLE 6.34 - Bananas (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees		Production	Total number of trees	
		Number of holdings reporting	Area		Trees of productive age	Trees of non produc- tive age	Number of trees		Number of holdings reporting			Number of trees
			Total	Trees of productive age			Total	of non productive age				
ASIA (6)	701 874	235 855	...	...	...	434 821	260 394	174 427	...	30 798	741 945	465 619
BAHRAIN	...	...	...	...	...	25 660	7 245	19 415	...	...	...	26 660
IRAQ	2 512	...	...	...	...	15 348	7 340	9 008	...	...	...	16 348
ISRAEL	290	1 800	...	...	...	...	...	...	...	...	...	...
PHILIPPINES	699 072	233 941	...	...	...	...	...	...	...	...	736 862	...
SAUDI ARABIA, Kingdom of	...	114	...	...	...	145 761	123 283	23 478	...	30 798	3 368	177 559
SINGAPORE	...	...	...	...	...	245 052	122 525	122 526	...	...	1 715	245 052
OCEANIA (5)	12 094	14 197	9 500	600	1 346 900	856 271	490 629	...	...	...	134 407	...
AMERICAN SAMOA	1 873	...	...	...	...	...	...	...	...	...	1 910	9/735 956
AUSTRALIA	2 419	10 100	2 500	600	...	...	...	...	...	...	130 604	...
FIJI	4 096	4 097	...	...	1 346 900	856 271	490 629	...	...	...	...	1 346 900
GUAM	751	...	...	...	...	...	...	...	...	...	10/87	9/62 193
PACIFIC ISLANDS (TRUST TERRITORY)	2 955	...	...	...	...	...	...	...	...	...	1 806	9/396 584

1/ Small farms. 2/ Trees not in fields. 3/ Thousands of stems. 4/ Bunches. 5/ Thousands of bunches. 6/ Thousands of fruits. 7/ Stems. 8/ Holdings with sales of US \$2 500 and over. 9/ Number of hills. 10/ Plantains and bananas.

TABLE 6.35 - Plantations

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations				Scattered trees				Total number of trees			
		Number of holdings reporting	Area		Trees of non produc- tive age	Number of trees		Number of holdings reporting	Number of trees				
			Total	Trees of productive age		Total	of non productive age						
TOTAL (21)	660 767	16 447	2 333 975	106 478	39 857	42 865 387	4 407 463	2 197 434	7 343	2 112 945	...	1 056	44 978 332
AFRICA (8)	486 394	...	2 183 543	654	65	...	...	...	...	504 446	...	...	504 446
CAMEROON	...	...	647 336	...	...	...	...	...	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	...	...	19 427	...	...	...	...	...	...	...	...	...	...
CONGO	67 048	...	42 494	...	...	...	...	...	...	...	...	...	...
GABON	63 813	...	...	...	...	...	...	...	...	...	...	...	...
GHANA 1/	333 700	...	575 100	...	...	...	...	...	...	...	...	...	...
IVORY COAST 2/	...	...	898 456	...	...	...	...	...	...	...	...	...	...
LIBERIA 1/	21 833	...	719	654	65	...	...	...	...	346 000	...	...	346 000
SIERRA LEONE 3/	...	...	11	...	...	...	...	...	...	194 446	...	1 056	194 446
NORTH AND CENTRAL AMERICA (10)	150 928	1 107	86 261	60 655	21 318	7 576 052	4 407 463	2 197 434	6 131	1 532 170	...	...	44 102 222
BELIZE	...	...	...	...	...	...	...	...	...	...	...	5/993 000	...
COSTA RICA	6/3 851	...	9 936	7 461	2 475	...	...	...	...	...	...	112 058	...
DOMINICAN REPUBLIC	88 082	...	63 226	45 564	17 662	...	...	...	...	1 419 832	...	7/3 628 109	1 419 832
EL SALVADOR	7 238	1 107	1 012	...	...	965 155	...	...	6 131	81 257	...	8 882	1 046 412
HONDURAS	5 396	...	8 811	7 630	1 181	...	...	...	...	31 081	...	51 600	31 081
PANAMA	36 274	...	...	...	...	6 275 360	4 255 156	2 020 204	...	...	...	7/184 077	6 275 360
PUERTO RICO	6 261	...	3 264	...	...	...	...	...	...	...	...	7/194 811	...
ST. LUCIA	3 796	...	...	...	...	318 918	143 433	175 485	...	...	...	5/125 680	318 918
UNITED STATES 8/(U.S.)	15	...	...	...	...	10 619	8 874	7 745	...	...	...	80	10 619
VIRGIN ISLANDS (U.S.)	15	...	...	...	...	2/1 093	985	108	...	...	...	10/1 241	1 093
SOUTH AMERICA (2)	22 694	15 340	64 171	45 169	18 474	35 233 142	...	...	1 212	76 329	...	22 342	35 309 471
SURINAME	2 320	...	528	...	...	...	...	...	...	...	...	5 343	...
VENEZUELA	20 374	15 340	63 643	45 169	18 474	35 233 142	...	...	1 212	76 329	...	16 999	35 309 471
OCEANIA (1)	751	...	...	...	...	62 193	...	...	...	...	...	87	62 193
GUAM 1/	751	...	...	...	...	9/62 193	...	...	...	...	...	87	62 193

1/ Plantains and bananas. 2/ Traditional sector. 3/ Small holdings. 4/ Excluding Virgin Islands. 5/ Steaks. 6/ Excluding 2 596 holdings reporting other plantains.
7/ Thousands of fruits. 8/ Holdings with sales of US \$2 500 and over. 9/ Number of hills. 10/ Number of bunches.

TABLE 6.36 - Pineapples

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Scattered trees		Total number of trees
		Area			Number of trees			Number of holdings reporting	Number of trees	
		Total	Trees of productive age	Trees of non produc tive age	Total	of productive age	of non produc tive age			
TOTAL (26)	122 088	654 106	7 809	5 174	36 916 374	31 649 438	4 665 838	693	847 556	37 763 930
AFRICA (9)	9 000	596 333	...	...	464 878	...	...	...	...	464 878
CAMEROON	...	278 738	...	...	...	...	...	...	...	618 402
CONGO	...	27 863	...	...	...	...	...	...	...	...
GHANA	9 000	9 300	...	...	...	...	...	...	...	...
IVORY COAST	...	243 378	...	...	...	...	...	...	...	...
SIERRA LEONE	...	781	...	...	464 878	...	...	...	...	15 821
SOUTH AFRICA	...	21 450	...	...	...	...	...	...	...	171 163
SWAZILAND	...	778	...	...	...	...	...	...	...	7 918
ZAIRE 1/	...	14 045	...	...	...	...	...	...	...	2/396 500
ZAMBIA	...	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (8)	40 373	22 377	1 880	299	18 160 910	13 495 072	4 665 838	...	640 825	18 801 735
COSTA RICA	1 654	738	535	203	...	...	...	...	597 776	2/5 310 000
EL SALVADOR	5 689	1 464	...	...	13 197 614	10 339 402	2 858 212	...	...	2/9 150 500
GUADELOUPE	64	26	...	...	...	...	...	...	...	...
HONDURAS	1 669	1 441	1 345	96	...	...	...	...	43 049	13 011
PANAMA	31 220	...	...	...	4 959 680	3 152 214	1 807 466	...	...	2/1 861 000
FUERTO RICO 3/	23	1 368	...	...	...	...	...	...	...	49 782
UNITED STATES 4/	42	17 340	...	...	...	...	...	...	...	857 850
VIRGIN ISLANDS (U.S.)	12	...	...	...	3 616	3 456	160	...	...	2/133
SOUTH AMERICA (3)	5 452	7 377	1 529	2 875	18 154 366	18 154 366	...	693	206 731	32 586
PERU	2 554	2 961	...	...	...	...	...	...	...	14 199
SURINAME	217	12	...	...	...	...	...	...	...	165
VENEZUELA	2 681	4 404	1 529	2 875	18 154 366	18 154 366	...	693	206 731	18 232
ASIA (1)	64 710	21 398	...	...	...	...	...	...	...	352 111
PHILIPPINES	64 710	21 398	...	...	...	...	...	...	...	352 111
OCEANIA (5)	2 553	6 621	4 400	2 000	136 220	...	...	...	...	...
AMERICAN SAMOA	469	...	...	...	42 692	...	...	...	...	2/43 430
AUSTRALIA	1 106	6 400	4 400	2 000	...	...	...	...	...	141 128
FIJI	...	221	...	...	...	...	...	...	...	...
TUVAU	...	...	...	...	5 544	...	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	361	...	...	...	87 984	...	...	...	...	2/54 136

1/ Modern sector. 2/ No. of fruits. 3/ Holdings with sales of US \$1 200 and over. 4/ Holdings with sales of US \$2 500 and over. 5/ No. of boxes.

TABLE 6.37 - Almonds and walnuts

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compect plantations						Number of scattered trees	Production	Total number of trees
		Area		Number of trees						
		Total	Trees of productive age	Trees of non produc- tive age	Total	of productive age	of non productive age			
TOTAL (7)	22 222	167 092	1 861	2 534	21 298 430	15 661 489	5 636 941	187 155	200 780	21 485 585
NORTH AND CENTRAL AMERICA (2)	7 373	159 091	...	...	20 479 352	15 164 878	5 314 474	182 016	182 306	20 661 368
MEXICO 1/	...	7 493	...	...	632 223	147 336	484 885	182 016	7 192	814 239
UNITED STATES 2/	7 373	151 598	...	...	19 847 129	15 017 540	4 829 589	...	175 114	19 847 129
ASIA (3)	12 589	3 606	...	...	160 149	121 191	38 958	...	...	160 149
BAHRAIN	...	...	...	...	27 477	20 350	7 127	...	...	27 477
IRAQ	11 220	...	...	...	132 672	100 841	31 831	...	...	132 672
ISRAEL 3/	1 369	3 606	...	...	...	...	...	...	...	...
EUROPE (1)	...	4 395	1 861	2 534	358	147	211	5 139	16 945	5 497
HUNGARY	...	4 395	1 861	2 534	358	147	211	5 139	16 945	5 497
OCEANIA (1)	2 260	...	...	...	658 571	375 273	283 298	...	1 529	658 571
AUSTRALIA	2 250	...	...	...	658 571	375 273	283 298	...	1 529	658 571

1/ Walnuts only. 2/ Holdings with sales of US \$2 500 and over. 3/ Almonds only.

TABLE 6.38 - Grapes

Area: in hectares
Production: in metric tons

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Number of scattered vines	Production	Total number of vines
		Area		Number of vines		Total	of non produc- tive age			
		Total	Vines of productive age	Vines of non produc- tive age	of productive age					
TOTAL (29)	3 462 533	3 557 037	3 08 573	31 849	936 836 144	776 506 616	159 456 767	6 035 824	937 229 423	
AFRICA (3)	25 769	32 475	...	...	242 991 692	216 619 209	26 372 483	...	243 000 101
ALGERIA	25 769	32 475	...	...	...	...	...	...	...
LESOTHO	...	...	...	...	...	...	...	...	8 502
SOUTH AFRICA	...	...	...	...	242 991 599	216 619 116	26 372 483	...	242 991 599
NORTH AND CENTRAL AMERICA (4)	16 382	246 141	...	...	289 080 533	266 236 961	22 843 572	3 108 284	289 387 605
BELIZE	...	...	...	...	...	...	...	35 919	...
CANADA	1 812	9 920	...	...	...	...	...	...	...
MEXICO	...	16 630	...	...	24 080 773	15 562 102	8 518 671	81 977	24 387 845
UNITED STATES 1/	14 570	219 591	...	...	264 999 760	250 674 859	14 324 901	2 990 388	264 999 760
SOUTH AMERICA (2)	118 148	60 856	...	...	178 559 335	160 920 556	17 638 779	509 360	178 559 335
BRAZIL	110 756	60 856	...	...	97 986 466	84 865 893	13 120 573	509 360	97 986 466
URUGUAY	2/7 392	...	...	...	80 572 869	76 054 663	4 518 206	...	80 572 869
ASIA (8)	179 330	38 165	20 100	3 200	21 929 889	15 294 725	5 762 403	28 803	22 007 687	
BAHRAIN	...	...	...	...	12 677	8 238	4 439	...	12 677
IRAQ	53 864	...	...	...	13 004 021	10 952 816	2 051 205	...	13 004 021
ISRAEL	3/2 060	7 842	...	...	...	...	...	...	...
JAPAN	83 388	23 300	20 100	3 200	...	...	...	...	...
KOREA, Republic of	25 387	6 189	...	...	7 638 147	4 040 416	3 597 731	...	7 638 147
KUWAIT	...	...	...	...	1 297	1 297	...	...	1 297
PAKISTAN	14 631	...	...	...	872 761	...	...	...	872 761
SAUDI ARABIA, Kingdom of	...	834	...	...	400 986	291 958	109 028	28 795	453 978
EUROPE (11)	3 114 690	3 115 900	235 173	18 449	204 274 695	117 435 165	86 839 530	2 002 796	204 274 695	
AUSTRIA	56 245	45 579	...	...	...	...	...	...	...
CZECHOSLOVAKIA	130 558	33 954	24 121	9 833	...	...	...	137 548	...
FRANCE	659 893	1 200 166	...	...	...	...	...	...	...
GREECE	409 800	182 364	...	...	...	...	...	...	...
HUNGARY	...	218 488	209 961	8 527	...	...	...	844 390	...
ITALY	1 619 567	1 211 868	...	...	...	...	...	...	...
LUXEMBOURG	1 349	1 180	1 091	89	...	...	...	...	...
MALTA	4 372	834	...	...	2 640 695	2 339 165	301 530	4 378	2 640 695
PORTUGAL	209 845	210 891	...	...	...	...	...	...	...
SWITZERLAND	23 061	10 576	...	...	...	...	...	...	...
YUGOSLAVIA	...	...	...	...	201 634 000	115 096 000	86 538 000	1 016 480	201 634 000
OCEANIA (1)	8 214	63 500	53 300	10 200	...	...	...	386 581	...
AUSTRALIA	8 214	63 500	53 300	10 200	...	...	...	386 581	...

1/ Data refer to holdings with sales of US \$2 500 and over. 2/ Excluding 3 059 holdings reporting grapes for table use. 3/ Excluding 1 377 holdings with grapes for wine-irrigated; 340 holdings with grapes for wine-not irrigated and 1 425 holdings with grapes for table-irrigated.

Area: in hectares
Production: in metric tons

TABLE 6.39 - Coffee

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations				Scattered trees				Production	Total number of trees	
		Number of holdings reporting	Area			Number of holdings reporting	Number of trees					
			Total	Trees of productive age	Trees of non-produc- tive age		Total	of productive age	of non productive age			
TOTAL (30)	2 082 929	63 074	5 327 360	710 749	92 134	3 012 908 822	2 555 172 709	457 706 242	913	13 579 556	2 481 006	3 026 488 378
AFRICA (13)	1 067 445	...	2 203 864	15 642	2 891	6 845 500	4 118 100	2 727 400	...	145 000	68 762	6 990 500
ANGOLA	268 249	...	212 778	...	...	...	...	...	...	...	49 112	...
CAMEROON	1/185 357	...	347 670	...	...	...	...	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	2/45 402	...	27 287	...	...	...	...	...	...	...	...	...
CONGO	20 640	...	3 981	...	...	...	...	...	...	...	...	...
CABON	14 589	...	...	...	...	...	...	...	...	...	...	...
GHANA	25 000	...	29 100	...	...	...	...	...	...	...	...	...
IVORY COAST	...	...	1 246 395	...	...	...	...	...	...	...	...	...
KENYA 3/	400 200	...	111 300	...	...	...	...	...	...	...	...	...
LIBERIA	24 181	...	18 533	15 642	2 891	...	...	...	...	145 000	...	145 000
SIERRA LEONE	48 391	...	4/71 257	...	...	...	...	...	...	...	19 650	...
TANZANIA	35 434	...	17 935	...	...	...	...	...	...	...	...	...
TOGO	...	...	19 479	...	...	...	...	...	...	...	...	...
ZAMBIE	...	...	5/98 149	...	...	6/6 845 500	4 118 100	2 727 400	...	...	...	6 845 500
NORTH AND CENTRAL AMERICA (10)	262 880	1 745	504 816	436 548	40 970	661 765 215	552 114 992	109 650 223	...	13 100 820	1 123 285	674 865 835
COSTA RICA	32 353	...	93 407	77 939	5 488	...	...	...	...	...	369 205	...
DOMINICAN REPUBLIC	94 247	...	131 252	121 855	9 397	...	...	...	...	...	44 414	...
EL SALVADOR	40 779	...	147 039	135 172	11 867	264 768 180	245 354 716	19 413 464	...	...	125 434	264 768 180
HONDURAS	48 715	...	115 807	101 593	14 214	...	...	...	...	204 300	41 872	204 300
JAMAICA	...	...	2 834	...	...	...	...	...	...	...	...	...
MEXICO	...	...	374 584	...	...	374 704 755	289 658 944	65 045 811	...	12 879 673	523 369	387 584 428
PANAMA	30 742	...	...	...	...	21 555 295	16 390 955	5 164 340	...	...	9 780	21 555 295
PUERTO RICO	14 052	...	49 316	...	...	10 562	6 260	4 302	...	16 647	7 948	...
ST. LUCIA	1 745	1 745	13	9	4	...	...	...	...	...	23	27 209
UNITED STATES 1/	247	...	564	...	...	726 423	704 117	22 306	...	...	1 250	726 423
SOUTH AMERICA (4)	552 488	61 329	2 102 539	258 558	48 273	2 266 939 800	1 960 416 528	306 523 272	913	313 613	1 253 698	2 267 253 413
BRAZIL	411 422	...	1 635 666	...	...	2 266 231 069	1 959 707 797	306 523 272	...	...	1 140 510	2 266 231 069
PERU	74 747	...	160 042	...	...	...	...	...	...	...	57 583	...
SURINAME	705	...	849	845	104	...	...	...	...	...	233	...
VENEZUELA	65 614	61 329	305 882	257 713	48 169	708 731	708 731	...	913	313 613	55 372	1 022 344
ASIA (2)	200 056	...	116 161	...	...	77 328 436	38 523 089	38 805 347	...	20 323	35 217	77 348 759
PHILIPPINES	200 056	...	116 086	...	...	77 253 412	38 450 277	38 803 135	...	...	34 974	77 253 412
SAUDI ARABIA, Kingdom of	...	...	75	...	...	75 024	72 812	2 212	...	20 323	243	95 347
OCEANIA (1)	60	...	...	...	...	29 871	...	...	...	...	44	29 871
PACIFIC ISLANDS (TRUST TERRITORY)	60	...	...	...	...	29 871	...	...	...	...	44	29 871

1/ Excluding 184 001 holdings reporting arabica coffee. 2/ Including 4 589 holdings reporting arabica coffee. 3/ Small farms. 4/ Small holdings only. 5/ Modern sector. 6/ Traditional sector only. 7/ Holdings with sales of US \$2 500 and over.

Area: in hectares
Production: in metric tons

TABLE 5.40 - Cocoa

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Cocoa plantations				Scattered trees			Production	Total number of trees					
		Number of holdings reporting	Area		Trees of non produc- tive age	Number of trees of productive age		Number of holdings reporting			Number of trees				
			Total	Trees of productive age		Total	of non productive age								
TOTAL (24)	785 787	12 186	3 518 292	150 344	23 995	503 069 067	448 390 580	54 658 451	509	2 062 720	288 201 505	131 787	277 000		
AFRICA (9)	620 060	...	2 873 098	11 774	6 399	...	...	...	...	277 000	6 431	...	...
CAMEROON 1/ CONGO 1/ GABON 1/ GHANA IVORY COAST 1/ LIBERIA SIERRA LEONE TOGO ZAIRE 3/	254 044 8 787 15 585 292 600 ... 22 403 26 641 ... ...	... ... ... ... ... ... ... ... ... ... ... ... ... ...	396 836 7 957 ... 1 451 600 921 818 ... 18 173 2/46 643 14 326 15 745	... ... ... ... ... 11 774 ... ... ... ...	... ... ... ... ... 6 399 ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ...	... ... ... ... ... ... ... ... ... ... ... ... ...
EARTH AND CENTRAL AMERICA (7)	43 953	...	141 583	80 586	5 220	30 269 503	23 059 456	7 210 047	...	1 672 003	59 693	31 941 506	...		
COSTA RICA DOMINICAN REPUBLIC EL SALVADOR JAMAICA MEXICO PANAMA ST. LUCIA	2 856 33 686 79 5 767 1 595	20 305 65 413 117 3 002 52 638	18 888 61 620 78 ...	1 417 3 793 10	
SOUTH AMERICA (4)	62 852	12 186	496 653	57 984	12 376	470 582	424 172 245	46 360 466	509	113 717	220 698	470 696 428	...		
BRAZIL PERU SURINAM VENEZUELA	43 028 4 032 329 15 463	419 965 6 328 595 69 765 57 468	
ASIA (1) PHILIPPINES	57 610 57 610	4 769 4 769	
OCEANIA (3) AMERICAN SAMOA FIJI PACIFIC ISLANDS (TRUST TERRITORY)	1 312 231 741 340	2 189 2 189

1/ Traditional sector. 2/ Small holdings. 3/ Modern sector.

Area: in hectares

TABLE 6.41- Tea

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Area
<u>TOTAL</u> (5)	516 631	357 777
<u>AFRICA</u> (2)	172 100	71 761
KENYA <u>1/</u>	172 100	64 800
ZAIRE <u>2/</u>	...	6 961
<u>SOUTH AMERICA</u> (1)	720	2 427
PERU	720	2 427
<u>ASIA</u> (2)	343 811	283 589
JAPAN	284 544	49 700
SRI LANKA <u>1/</u>	59 267	233 889

1/ Small farms. 2/ Modern sector.

Area: in hectares
Production: in metric tons
TABLE 6.42 - Coconut

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Area			Number of trees			Scattered trees		Production	Total number of trees
		Total	Trees of		Total	of productive age	of non produc- tive age	Number of holdings reporting	Number of trees		
			productive age	non produc- tive age							
TOTAL (26)	1 924 257	3 008 556	45 325	26 933 292	589 464	172 916	641 115	050 430	28 239	2 485 660	••• 295 075 124
AFRICA (6)	46 669	132 853	•••	•••	191 169	•••	•••	•••	•••	106 000	1 879
GHANA	17 000	36 400	•••	•••	•••	•••	•••	•••	•••	•••	•••
IVORY COAST 1/	•••	35 069	•••	•••	•••	•••	•••	•••	•••	•••	•••
KENYA 2/	•••	51 300	•••	•••	•••	•••	•••	•••	•••	•••	•••
LIBERIA	18 741	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
SIERRA LEONE 2/	•••	1 290	•••	•••	191 169	•••	•••	•••	•••	•••	1 879
TANZANIA	10 928	8 794	•••	•••	•••	•••	•••	•••	•••	•••	•••
NORTH AND CENTRAL AMERICA (11)	110 740	170 359	25 130	12 402	17 337 506	9 856 908	7 480 598	•••	27 320	2 368 288	••• 19 705 794
BELIZE	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
COSTA RICA	3 958	1 089	825	264	•••	•••	•••	•••	•••	•••	•••
DOMINICAN REPUBLIC	30 781	26 376	16 073	10 603	•••	•••	•••	•••	•••	•••	•••
EL SALVADOR	29 481	3 440	•••	•••	1 547 900	823 520	724 380	•••	27 320	•••	•••
HONDURAS	1 270	4 216	3 857	359	•••	•••	•••	•••	•••	•••	•••
JAMAICA	•••	15 901	•••	•••	•••	•••	•••	•••	•••	•••	•••
MEXICO	•••	112 141	•••	•••	13 352 342	7 831 220	5 521 122	•••	•••	•••	•••
PANAMA	38 765	•••	•••	•••	1 739 350	659 306	1 080 044	•••	•••	•••	•••
PUERTO RICO	436	1 645	•••	•••	•••	•••	•••	•••	•••	•••	•••
ST. LUCIA	5 982	5 551	4 375	1 176	695 043	540 965	154 078	•••	•••	•••	•••
VIRGIN ISLANDS (U.S.)	67	•••	•••	•••	2 871	1 897	974	•••	•••	•••	•••
SOUTH AMERICA (3)	30 614	54 056	20 195	14 531	3 069 376	•••	•••	•••	919	11 372	••• 3 080 748
PERU	17 557	19 330	•••	•••	•••	•••	•••	•••	•••	•••	•••
SURINAME	5 772	1 397	•••	151	•••	•••	•••	•••	•••	•••	•••
VENEZUELA	7 185	33 329	18 949	14 380	3 069 376	•••	•••	•••	919	11 372	••• 3 080 748
ASIA (2)	1 721 795	2 579 023	•••	•••	262 058 838	158 278 818	103 780 020	•••	•••	•••	••• 262 058 838
PHILIPPINES	1 093 085	2 127 547	•••	•••	262 058 838	158 278 818	103 780 020	•••	•••	•••	••• 262 058 838
SRI LANKA 2/	628 710	451 476	•••	•••	•••	•••	•••	•••	•••	•••	•••
OCEANIA (4)	14 439	72 265	•••	•••	9 932 575	4 780 915	3 789 812	•••	•••	•••	••• 9 932 575
AMERICAN SAMOA	1 650	•••	•••	•••	374 002	•••	•••	•••	•••	•••	•••
FIJI	9 024	72 265	•••	•••	8 570 727	4 780 915	3 789 812	•••	•••	•••	••• 8 570 727
GUAM	683	•••	•••	•••	46 461	•••	•••	•••	•••	•••	•••
PACIFIC ISLANDS (TRUST TERRITORY)	3 082	•••	•••	•••	941 385	•••	•••	•••	•••	•••	••• 941 385

1/ Traditional sector. 2/ Small farms. 3/ Number of fruits. 4/ Compact plantations only.

Area: in hectares
Production: in metric tons

TABLE 6.43 - Olives

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Compact plantations						Number of scattered trees	Production	Total number of trees
		Number of holdings reporting	Total area	Number of trees			Of non- productive age			
				Total	Of productive age	Of non- productive age				
TOTAL (12)	1 628 977	416 200	2 050 213	88 092 018	4 476 804	625 752	55 178	81 465	88 147 196	
AFRICA (2)	1/42 326	...	140 893	7 622 062	...	...	...	...	7 622 062
ALGERIA	142 326	...	140 893	...	...	...	...	...	...
LIBYA	...	...	...	7 622 062	...	...	...	...	7 622 062
NORTH AND CENTRAL AMERICA (2)	1 181	...	15 612	2 191 304	1 770 566	420 738	55 178	63 930	2 246 482	
MEXICO	...	...	4 150	456 686	337 647	119 039	55 178	10 340	511 864
UNITED STATES ^{2/}	1 181	...	11 462	1 734 618	1 432 919	301 699	...	53 590	1 734 618	
SOUTH AMERICA (2)	1 493	...	2 966	146 515	61 760	84 755	...	6 145	146 515	
PERU	664	...	2 966	...	...	...	...	4 157	...
URUGUAY	829	...	...	146 515	61 760	84 755	...	1 988	146 515
ASIA (2)	11 652	...	8 689	70 832	47 776	23 056	...	...	70 832
IRAQ	2 514	...	...	70 832	47 776	23 056	...	...	70 832
ISRAEL	9 138	...	8 689	...	...	...	...	...	...
EUROPE (4)	1 472 325	416 200	1 882 053	78 061 305	2 596 702	97 203	...	11 390	78 061 305	
GREECE	507 240	416 200	507 832	75 367 400	...	...	...	...	75 367 400
ITALY	866 156	...	1 084 979	...	...	...	...	...	...
PORTUGAL	98 929	...	289 272	...	...	...	...	...	...
YUGOSLAVIA	...	...	...	2 693 905	2 596 702	97 203	...	11 390	2 693 905

1/ Including holdings reporting figs.
2/ Holdings with sales of US \$2 500 and over.

Area: in hectares
Production: in metric tons

TABLE 6.44 - Rubber (hevea)

Countries by continents (number of reporting countries is given in parenthesis)	Number of holdings reporting	Number of holdings reporting	Compact plantations			Production	Total number of trees
			Total	Area			
				Trees of productive age	Trees of nonproductive age		
TOTAL (5)	112 046	...	479 216	122 292	83 479	2 265	1 576 045
AFRICA (3)	9 399	...	262 744	122 292	83 479	...	...
GHANA	3	...	10 100	1 600	8 500	...	...
LIBERIA	9 396	...	195 671	120 692	74 979	...	...
ZAIRE	...	...	1/ 56 973	...	...	...	...
ASIA (2)	102 647	...	216 472	...	...	2 265	1 576 045
PHILIPPINES	1 911	...	10 615	...	...	2 265	1 576 045
SRI LANKA	2/ 100 736	...	205 857	...	...	...	...

1/ Modern sector. 2/ Small holdings.

7. LIVESTOCK AND POULTRY

Livestock and poultry alongside land and machinery represent two of the most important productive capacities in agriculture. Stock breeding in many countries has predominant role in production of qualitative food items and forms a basis for overall agricultural development and improvement in agricultural production. Livestock also serve as work animals in production processes as well as in providing transportation both on and off agricultural holdings.

The 1970 Programme recommended an inventory of livestock and poultry on agricultural holdings and their distribution by species, age, sex and purpose. The classification by age was primarily for the purpose of separating mature from young animals. It also proposed that the census should include all livestock present on each holding, irrespective of its ownership, plus that owned by the holder which at the time of enumeration is in transit or temporarily away from the holding to which it belongs but not on other agricultural holdings. The census should, in principle, be restricted to animals used mainly for agricultural purposes.

The collection of data on number of livestock is associated with many difficulties and obstacles. In many countries due to the fear of taxes on livestock or to the consideration of livestock as a symbol of social status the information on various type of livestock was understated in the census. In a number of countries holders with considerable numbers of livestock may not know the actual number because of frequent changes in stocks as the result of marketing or frequent births and deaths of animals. In some cases, holders and enumerators failed to distinguish whether animals owned by persons other than holders or members of their families were to be reported in the census. Very often livestock in nomadic herds and animals kept on communal grazing places were not included in the census and, therefore, reported data for some countries were considerably understated. Furthermore, in many countries the number of livestock as reported in the census does not represent a complete count. In a number of countries, the census did not cover all areas within boundaries and all holdings such as public or co-operative holdings (see remarks on Table 3.1). The census did not include a count of livestock on places that were not included as agricultural holdings, such as livestock in urban areas. Since the production cycle of various livestock is of varying lengths, the number of livestock reported in a census is also affected by the date of census taking, i.e. whether census was taken at the date when the number of different species of animals is at the peak of the seasonal change or not.

For all these reasons, satisfactory measures of the reliability of information on the number of livestock and their accuracy for data presented in this report was not known.

7.1 Relative importance of various species of livestock

Available data on number of livestock and number of holdings reporting different species of livestock are summarized in Tables 7.1 to 7.4 and in Table 21. From these data it appears that cattle are by far the more important kind of livestock on agricultural holdings in most countries and continents. Other species of livestock were of different relative importance, as is shown in the following table:

Table 21 - Number of countries reporting livestock and number of animals

	Number of countries reporting	Number of animals (million)
Cattle	81	622.1
Sheep	71	466.9
Pigs	71	237.1
Buffaloes	15	72.5
Goats	65	62.7
Horses	59	20.9
Asses	35	8.6
Mules	26	3.2

For a number of countries which provided data on livestock, number of holdings reporting different species of livestock was not available. Thus, out of 81 countries reporting livestock numbers, the number of holdings with livestock could be assembled for 71 countries only. These data are shown in Table 7.2 and the percentage of holdings reporting specified livestock is given in Table 7.3 which also provides totals for 71 countries as a group.

If this analysis is carried out separately for each kind of livestock and is limited only to those countries which provide both number of holdings reporting and number of animals as was done for Table 7.4, the picture would be somewhat different. On the whole almost 41 percent of all holdings for 64 countries included in Table 7.4 reported cattle, 33 percent reported pigs, 19.5 percent reported horses, 12.2 percent reported sheep and 10.1 percent reported goats.

Livestock are kept on small as well as on large holdings but with varying intensity and with a different regional pattern. Available data on number of animals classified by size of holding have been tabulated in detail (see Tables 7.7, 7.9-7.12, 7.14, 7.16 and 7.19 and their summary is shown in Table 22. Small holdings under 5 ha in size are predominant in raising buffaloes and goats; more than 56 percent of all buffaloes and around 47 percent of goats were also on these holdings. Horses and mules were primarily kept on holdings of medium size. Holdings under 20 ha had 52 percent of horses and 44 percent of the total number of mules in the reporting countries. More than 23 percent of all goats were kept by holdings without land and by holdings with land under 1 ha.

The high proportion of sheep and cattle was raised on large holdings with land 500 ha and more. More than 55 percent of all sheep and 34.6 percent of all cattle belong to holdings with 500 ha and over, with very high concentration of sheep herds on holdings with 1 000 ha and more, comprising 40.1 percent of total number of sheep on all holdings. Pigs were mostly raised on holdings with land 5 to 50 ha, around 39 percent and on large holdings with land 1 000 ha and over, 16.1 percent of total number of pigs on all holdings. Livestock holdings without land appear to be only of a marginal importance for the group of countries included in this report as a whole. Livestock in these holdings could have been underestimated in those countries which did not adopt a special provision for their inclusion (see definition of holding in Chapter 2).

Table 22 - Distribution of livestock by size of holding
(Number of reporting countries is given in parenthesis)

	Cattle (45)	Pigs (34)	Horses (28)	Mules (10)	Buffa- loes (10)	Sheep (33)	Goats (27)
	..... Percent						
Total holdings	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 1 ha	0.9	3.9	2.9	3.1	20.0	2.2	20.5
1 and under 2 ha	1.2	2.9	4.3	6.4	9.9	1.5	8.8
2 and under 5 ha	3.3	6.9	13.8	10.8	26.4	3.8	18.1
5 and under 10 ha	5.2	9.8	17.9	11.2	16.1	3.9	13.4
10 and under 20 ha	7.9	13.7	12.8	12.1	7.7	3.0	9.5
20 and under 50 ha	12.7	15.9	10.3	16.5	3.7	3.9	8.8
50 and under 100 ha	10.1	8.8	6.9	10.3	1.4	4.3	4.1
100 and under 200 ha	11.2	8.1	6.5	8.4	1.5	6.4	4.1
200 and under 500 ha	12.7	7.7	7.2	9.1	1.9	14.7	3.5
500 and under 1 000 ha	9.1	5.1	4.9	5.0	3.4	15.4	1.9
1 000 ha and over	25.5	16.1	12.3	6.7	8.0	40.1	4.4
Holdings without land	0.2	1.2	0.2	0.3	...	0.7	3.0

7.2 Cattle

Cattle constitute a main type of livestock and their raising is widespread over almost all countries. The 81 countries for which data on cattle were included in the report had approximately 622.1 million or 57 percent of all the cattle in all countries (or 60 percent excluding USSR) in 1970. More than 62 percent of all cattle in 81 countries was in four countries (India, United States, Brazil and Australia). India alone had 177.6 million cattle or almost 28.6 percent of all cattle in 81 countries. Detailed data on total number of cattle are shown in Table 7.1 and Table 7.5. (The difference between figures in these two tables resulted from the fact that many of the countries listed in Table 7.1 did not supply data on cattle distributed by sex and age).

The distribution of cattle by age and sex was available for 61 countries and was presented in Table 7.5. These countries had little more than 573 million of cattle which represented about 48 percent of total cattle in the world in 1970. Information regarding the distribution of holdings with cattle by number of cattle on the holding was available for 30 countries and data are shown in Table 7.6. The 30 countries had about 248 million cattle on about 11 million holdings. Summarized data of holdings with different size of cattle herds were presented in Chapter 2 of this report.

Data were available for the number of cattle by size of agricultural holdings for 45 countries and are presented in Table 7.7. The percentage distribution of cattle by size of holdings was summarized in Table 22 in the previous section of this Chapter of the report.

The 1970 Programme suggested that cattle be classified by use or purpose on an optional basis. Only a few countries followed the suggestion but even these data were arranged according to different classification, thus making a comparative analysis difficult.

7.3 Horses

Horses are used on holdings as work animals and also for transport of persons and for products. Only 59 countries reported census data on the number of horses available and they are presented in Table 7.1. Those 59 countries had about 20.9 million horses which represent 33 percent of the estimated world total of horses (or 38 percent when excluding USSR). Out of the 53 million holdings in 71 countries included in Table 7.2 only 7.5 million holdings, or 14 percent reported number of horses.

Distribution of horses by age was available for 9 countries and from data presented in Table 23 below it appears that 83 percent of horses in the 9 countries were of age three years and over.

Data on the number of horses by size of holding were available for 28 countries and are shown in Table 7.10 for each reporting country. These 28 countries had 13.5 million horses or 64 percent of the horses in the 59 countries reporting horses in the census.

Table 23 - Number of horses by age - in thousands

Countries	Total	Under 3 years	3 years and over
Total	943	162	780
Austria	47	7	40
Belgium	73	13	60
Costa Rica	101	27	75
Czechoslovakia	131	17	114
Finland	101	5	97
Hungary	204	33	171
Netherlands	86	22	64
Panama	143	28	115
Sweden	56	12	44

7.4 Mules

Data on number of mules were reported by 26 countries and are presented in Table 7.1. The countries reporting data regarding the number of mules had about 3.2 million mules, or 27 percent of all the mules in the world, which shows that some countries where mules are important, livestock were not included in the census report. Only ten countries supplied information on number of mules by size of holdings and data are presented in Table 7.11. These countries had about 2.2 million mules of which 27 percent were kept on holdings with land from 20 to 100 ha in size.

7.5 Asses

Information on the number of asses was available for 35 countries. These countries reported about 8.6 million asses which represent 21 percent of world total. Detailed data on the number of asses by country are given in Table 7.1. Distribution of the number of asses by size of holding was for only 11 countries and data are presented in Table 7.12. From these data it appears that a little less than 47 percent of the total number of asses in 11 countries was kept on holdings with land less than 5 ha in size.

7.6 Buffaloes

Fifteen countries obtained data regarding the number of buffaloes on holdings shown in Table 7.1. These countries had around 72.5 million buffaloes or 59 percent of buffaloes in all countries in 1970.

For ten countries the distribution of the number of buffaloes was available by size of agricultural holdings and data appear in Table 7.9. Data in this table indicate that around 20 percent of all buffaloes in ten countries were kept on holdings under 1 ha in size but only 1.1 percent on large holdings with more than 500 ha of land.

7.7 Sheep and goats

Data on the number of sheep were included in Table 7.1 for 71 countries and on the number of goats for 65 countries. The countries for which data were available had about 466.9 million sheep which represent 44 percent of the total sheep in all countries (or 50 percent of the total excluding USSR) and about 62.7 million goats, comprising only 15 percent of the total number of goats in the world in 1970.

Data on the number of sheep by age and sex and available data on number of sheep clipped with information on production of wool are presented in Table 7.13. Most of the countries (35 out of 38) listed in Table 7.13 reported data on age and 22 countries reported data on sex of sheep but very few countries reported data on sheep clipped and on production of wool. Only Australia, Brazil, Iraq, Hungary, New Zealand and Uruguay supplied all the data according to FAO suggested tabulation programme. Data for distribution of number of sheep by holding size was available for 33 countries and relevant data are presented in Table 7.14. These 33 countries had around 322 million sheep or 69 percent of total number of sheep in all 71 countries providing data on sheep.

Data on number of goats by age are shown in Table 7.15 for 23 countries, with information on sex of goats with age 1 year and over available for 14 countries. Distribution of goats by size of holding was presented for 27 countries and data appear in Table 7.16. More than 60 percent of all goats in these 27 countries were kept on holdings less than 10 ha in size.

7.8 Pigs

Data on total number of pigs were assembled for 71 countries. The number of pigs in these countries shown in Table 7.1 totalled around 237.1 million and comprised around 38 percent of the number of pigs in all countries (or 42 percent of total excluding USSR). The distribution of pigs by age for 38 countries and information on number of sows and gilts for breeding for 27 countries is shown in Table 7.17.

Data on distribution of holdings by number of pigs available for 22 countries are shown in Table 7.18. Although few countries supplied information according to FAO recommendation, data indicate that majority of holdings, about 63 percent, have less than 5 pigs in flock and that holdings with more than 200 pigs constitute only 0.8 percent of all holdings.

Data on number of pigs by size of holdings are presented in Table 7.19 for 34 countries. Data in this table indicate that relatively significant proportion of pigs was raised on holdings without land and on holdings with less than 1 ha, comprising about 5.1 percent of all pigs in 34 reporting countries.

7.9. Poultry and rabbits

A number of countries reported information of chickens and other poultry in their censuses and the available data are shown in Table 7.20 for 64 countries. Sixty of these countries reported number of chickens, 28 of them reported number of ducks, 14 reported number of geese, another 8 countries reported number of ducks and geese together, 33 reported number of turkeys, 7 reported number of guinea fowls, 6 reported number of pigeons and 16 reported number of rabbits and hares.

The distribution of about 1 342 million chickens by size of holding is presented in Table 7.21 for 35 countries. Data in this table indicate that around 11.5 percent of all chickens were raised on holdings without land and on holdings with land less than 1 ha; more than 15 percent of total chickens were raised on holdings with land from 1 to 5 ha and more than 28 percent on holdings with 5 to 50 ha. Holdings with more than 500 ha kept around 21 percent of all chickens in 35 countries.

TABLE 7.1 - Number of livestock

Number: in thousand heads

Countries by continents (number of reporting countries is given in parenthesis)	Cattle	Horses	Mules	Asses	Buffaloes	Sheep	Goats	Pigs
<u>TOTAL</u> (81)	622 080	20 932	3 234	8 624	72 549	466 937	62 720	237 142
<u>AFRICA</u> (21)	30 317	388	37	300	...	51 028	24 429	3 580
ALGERIA	861	...	...	...	...	4 678	1 506	...
BOTSWANA	1 444	12	1	46	...	430	1 082	11
CAMEROON	1 038	22	...	69	...	1 220	1 706	415
CENTRAL AFRICAN REPUBLIC	153	...	...	...	...	71	694	103
CHAD	543	44	...	33	...	537	1 447	31
CONGO	31	...	...	...	...	48	94	35
GABON	0.4	...	...	...	...	31	31	11
GHANA	926	...	...	...	...	1 315	1 356	0.2
IVORY COAST	357	...	...	...	...	723	566	285
KENYA	7 494	...	...	...	...	2 951	1/3 487	2/18
LESOTHO	552	110	4	90	...	1 655	974	66
LIBERIA	26	...	...	...	...	28	59	17
LIBYA	150	...	...	...	...	2 861	1 147	...
MALAWI	723	...	...	...	...	66	1 030	339
REUNION	19	...	...	...	...	2	37	74
SIERRA LEONE	208	...	...	...	...	47	112	17
SOUTH AFRICA	11 234	197	14	62	...	33 123	5 493	1 103
SWAZILAND	562	3	3/18	0.4	...	56	246	27
TOGO	203	...	...	...	...	402	467	147
ZAIRE	994	...	...	...	...	687	2 322	620
ZAMBIA	2 799	...	...	...	...	77	573	261
<u>NORTH AND CENTRAL</u> (13)								
<u>AMERICA</u>	148 927	6 450	1 030	3 099	...	27 431	11 998	75 479
BELIZE	42	6	0.3	0.1	...	3	0.2	18
CANADA	13 278	354	...	...	...	861	18	8 107
COSTA RICA	1 694	101	3/5	...	...	...	...	216
DOMINICAN REPUBLIC	1 712	217	98	115	...	26	283	876
EL SALVADOR	1 020	83	23	2	...	4	11	403
HONDURAS	1 795	161	71	22	...	3	16	512
JAMAICA	279	4	3/37	...	...	6	208	207
MEXICO	21 136	3 134	792	2 894	...	4 904	9 192	9 462
PANAMA	1 259	143	3/3	...	...	...	...	150
PUERTO RICO	317	9	4/3/1	...	...	4/1	11	64
ST. LUCIA	8	0.2	-	0.1	...	10	8	8
UNITED STATES	106 381	2 238	...	5/3/66	...	21 611	5/2 248	55 455
VIRGIN ISLANDS (U.S.)	6	0.2	-	-	...	2	3	1
<u>SOUTH AMERICA</u> (5)	99 665	6 443.2	1 802	2 382.2	109.2	50 558	8 866	35 253
BRASIL	78 562	4 859	1 619	1 420	109	17 643	5 709	31 524
PERU	3 821	725	124	715	...	12 829	1 874	1 704
SURINAME	40	0.2	...	0.2	0.2	3	4	9
URUGUAY	8 564	421	...	...	...	19 893	...	419
VENEZUELA	8 678	438	59	247	...	190	1 279	1 597
<u>ASIA</u> (15)	206 408	1 543.1	63	2 163	72 335	31 353	14 326	14 875
BAHRAIN	1	0.1	...	0.2	...	2	1	...
INDIA	177 627	...	...	...	57 212	...	...	...
INDONESIA 6/	6 639	646	...	...	2 489	1/10 342	...	2 768
IRAQ	1 201	85	39	457	112	4 736	1 522	...
ISRAEL	236	8/15	...	...	...	154	83	59
JAPAN	3 593	137	...	...	...	21	161	6 335
JORDAN	31	4	2	37	0.1	569	326	...
KOREA, Republic of	1 310	...	...	...	...	7	132	1 126
KUWAIT	5	-	...	-	...	7	1	...
PAKISTAN	12 540	9/355	9/22	1 558	9/9 407	7 931	10 071	...

See footnotes at end of table.

(continued)

Numbers: in thousand heads

TABLE 7.1 - Number of livestock (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Cattle	Horses	Mules	Asses	Buffaloes	Sheep	Goats	Pigs
ASIA (cont'd)								
PHILIPPINES	1 564	299	...	...	2 731	...	893	3 903
SAUDI ARABIA, Kingdom of	232	2	-	111	...	1 235	837	...
SINGAPORE	2	...	...	...	...	...	2	637
SRI LANKA	1 016	...	...	...	384	18	291	47
SYRIA	411	...	...	...	...	7/6 331	...	...
EUROPE (21)	103 626	6 016	302	679	98.2	67 895	3 033	104 104
AUSTRIA	2 416	47	...	...	...	114	41	3 021
BELGIUM	2 887	73	3/0.6	...	...	113	4	3 728
CZECHOSLOVAKIA	4 288	131	...	...	...	981	285	5 530
DENMARK	2 840	45	...	...	...	70	...	8 290
FINLAND	1 985	102	...	...	...	159	...	810
FRANCE	21 400	8/452	...	...	...	9 052	787	10 703
GERMANY, Fed Rep of	14 674	197	...	...	...	971	...	19 898
GREECE	836	216	181	378	...	23	7	18
HUNGARY	1 901	204	0.4	3	0.2	2 271	36	7 353
IRELAND	5 956	124	...	...	...	4 082	...	1 192
ITALY	8 696	562	...	...	...	51	6 051	5 928
LUXEMBOURG	193	1	...	...	...	3	...	103
MALTA	9	2	1	2	...	9	19	31
NETHERLANDS	4 314	86	...	...	...	575	11	5 533
NORWAY	973	42	...	...	...	1 874	92	658
POLAND	8 002	2 346	...	...	...	2 010	...	11 292
PORTUGAL	950	27	93	157	...	...	531	1 515
SWEDEN	1 840	56	...	...	...	340	...	2 355
SWITZERLAND	1 753	42	3/1	...	...	255	52	1 664
UNITED KINGDOM	12 581	144	...	...	...	26 080	15	8 088
YUGOSLAVIA	5 131	1 117	10/25	10/139	10/47	12 862	10/269	6 394
OCEANIA (6)	33 136	91.3	...	...	6.2	238 672	67.4	3 851
AMERICAN SAMOA	0.2	8/0.1	...	...	...	...	...	8
AUSTRALIA	24 357	...	...	...	6	177 789	...	2 587
FIJI	140	25	...	...	...	...	66	24
GUAM	3	0.1	...	...	0.1	...	0.4	4
NEW ZEALAND	8 631	66	...	...	...	60 883	...	1 215
PACIFIC ISLANDS (TRUST TERRITORY)	5	8/0.1	-	...	0.1	...	1	13

1/ Small farms. 2/ Large farms. 3/ Mules and asses. 4/ Holdings with sales of US \$1 200 and over. 5/ Holdings with sales of US \$2 500 and over. 6/ Excluding estates. 7/ Sheep and goats. 8/ Horses and mules. 9/ Excluding Kalat division. 10/ Individual holdings.

TABLE 7.2 - Number of holdings reporting specified livestock

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings	Number of holdings reporting							
		Cattle	Pigs	Sheep	Goats	Horses	Asses	Buffaloes	Mules
<u>TOTAL (71)</u>	53 378 454	19 884 507	14 325 997	4 896 791	4 127 889	7 498 008	2 253 147	1 608 762	1 228 008
<u>AFRICA (18)</u>	10 604 261	1 811 980	677 666	1 332 009	1 660 652	71 655	87 922	...	5 271
ALGERIA	899 545	344 155	...	344 748	289 251	...	...	...	...
BOTSWANA	48 074	1/33 765	...	...	2/38 349	...	...	...	...
CAMEROON	925 895	...	...	...	...	14 489	45 826	...	...
CENTRAL AFRICAN REPUBLIC	283 450	...	56 730	...	...	...	...	...	...
CHAD	366 475	...	25 970	...	...	...	...	...	...
CONGO	143 485	4 390	8 201	12 439	24 967	...	...	...	...
GHANA	805 200	69 000	...	184 200	220 100	...	...	...	...
IVORY COAST 1/	549 708	37 502	44 905	148 788	127 770	...	...	...	...
KENYA	1 486 639	3/949 700	4/89	3/548 700	3/595 200	...	...	...	...
LESOTHO	187 421	93 669	55 416	54 289	54 353	56 259	42 096	...	1 247
LIBERIA	121 745	2 528	1 758	3 948	6 931	...	...	...	...
MALAWI	885 000	94 300	82 700	15 200	207 700	...	...	...	...
REUNION	39 111	8 251	24 536	93	6 904	...	...	...	...
SIERRA LEONE	286 137	13 820	3 615	17 578	26 927	...	...	...	...
SWAZILAND 5/	39 377	23 400	10 909	2 026	...	907	...	...	4 024
TOGO	232 657	...	73 200	...	...	...	...	...	...
ZAIRE 1/	2 537 502	...	246 937	...	...	...	...	...	...
ZAMBIA 1/	766 900	137 500	42 700	...	2/62 200	...	...	...	...
<u>NORTH AND CENTRAL AMERICA (10)</u>	4 155 343	2 332 143	1 303 828	191 972	89 985	879 250	48 614	...	53 494
CANADA	366 128	248 757	122 481	14 090	4 529	111 261	...	...	...
COSTA RICA	81 562	43 699	36 555	...	...	32 469	...	...	2 485
DOMINICAN REPUBLIC	304 820	92 889	176 221	2 970	53 723	...	...	...	...
EL SALVADOR	318 041	96 679	122 729	520	5 156	46 750	1 253	...	14 641
HONDURAS	195 341	82 610	108 947	326	3 386	90 839	12 906	...	34 573
PANAMA	115 364	30 856	35 509	...	...	46 141	...	...	1 513
PUERTO RICO	32 637	6/15 129	12 184	1/46	1 822	4 438	...	...	8/266
ST. LUCIA	10 236	2 058	3 034	3 101	2 078	67	136	...	16
UNITED STATES	2 730 250	1 719 403	686 097	170 888	9/19 203	547 246	9/8/34 309	...	...
VIRGIN ISLANDS (U.S.)	212	53	61	31	88	39	1/10	...	...
<u>SOUTH AMERICA (5)</u>	6 696 056	3 100 525	3 169 112	1 086 944	756 037	2 260 552	1 178 276	2 496	901 980
BRAZIL	4 924 019	2 211 376	2 469 608	374 749	524 929	1 867 015	691 205	2 496	798 232
PERU	1 390 877	698 926	550 009	668 718	198 452	327 168	403 424	...	76 069
SURINAME	16 078	10/7 918	11/2 246	...	...	12/392	...	...	...
URUGUAY	77 163	68 681	...	37 357	...	...	...	...	...
VENEZUELA	287 919	113 624	147 249	6 120	32 656	65 977	83 647	...	27 679
<u>ASIA (12)</u>	13 184 007	3 331 926	2 754 808	546 039	798 002	325 366	357 038	1 583 664	32 350
BAHRAIN	855	125	...	76	56	...	...	...	...
IRAQ	591 178	336 537	...	233 870	162 516	74 675	266 153	18 487	30 667
ISRAEL	40 210	8 164	71	1 330	...	...	...	...	...
JAPAN	5 354 074	901 600	444 500	15 551	145 187	108 560	...	...	...
JORDAN	55 548	6 371	...	11 060	17 472	2 909	21 612	...	1 662

See footnotes at end of table.

(continued)

TABLE 7.2 - Number of holdings reporting specified livestock (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings	Number of holdings reporting											
		Cattle	Pigs	Sheep	Goats	Horses	Asses	Buffaloes	Mules				
<u>ASIA (cont'd)</u>													
KOREA, Republic of	2 421 420	1 101 448	883 747	3 430	72 831	...	...	...	...	...	...	...	...
KUWAIT	449	65	...	115	113	...	...	...	...	...	...	...	...
PHILIPPINES	2 354 469	458 662	1 411 494	...	259 919	139 058	...	...	...	...	1 465 681	...	...
SAUDI ARABIA, Kingdom of	180 670	76 484	...	55 135	50 106	164	...	...	...	...	69 273	...	21
SINGAPORE	15 741	100	...	...	179	...	...	...	...	...	...	...	...
SRI LANKA ^{3/}	1 645 260	305 374	14 996	1 565	88 313	...	...	...	...	...	...	99 487	...
SYRIA	524 133	13/134 998	...	2/223 907	...	...	...	...	...	...	...	...	...
<u>EUROPE (20)</u>	18 386 091	9 120 195	6 366 432	1 597 500	813 987	3 948 142	581 297	22 580	234 913	...	...	...	...
AUSTRIA	362 216	244 600	262 359	15 695	22 026	33 970	...	...	...	...	...	...	...
BELGIUM	184 006	127 907	83 742	12 815	1 926	50 716	...	...	...	...	...	...	...
CZECHOSLOVAKIA	1 472 462	320 181	833 483	120 285	223 532	40 848	...	...	...	...	...	...	...
DENMARK	140 197	118 263	118 263	4 835	...	15 675	...	...	...	...	...	...	...
FINLAND	297 257	13/216 577	45 279	...	...	94 601	...	...	...	...	...	...	...
FRANCE	1 587 643	1 051 514	655 550	173 733	162 557	14/294 379	...	...	...	...	...	...	...
GERMANY, Federal Republic of	1 074 637	793 425	751 093	21 297	...	96 358	...	...	...	...	...	...	...
GREECE	1 047 260	243 340	160	360	360	182 000	311 860	122	144 060	...	...	...	...
HUNGARY	802 892	55 992	368 968	10 685	9 578	35 228	1 686	...	...	...	...	...	...
ITALY	3 607 262	962 082	924 819	224 013	135 732	470 482	...	...	...	...	...	1 932	...
LUXEMBOURG	7 608	6 117	4 765	305	...	601	...	...	...	...	...	...	...
MALTA	10 803	814	1 141	3 451	3 226	14/4 106	...	...	...	...	...	...	...
NETHERLANDS	184 613	130 842	75 764	19 847	4 422	50 075	...	...	...	...	...	...	...
NORWAY	154 977	13/82 465	58 338	73 612	3 801	34 592	...	...	...	...	...	...	...
POLAND	3 398 959	13/2 537 978	...	...	...	1 703 512	...	...	...	...	...	...	...
PORTUGAL	811 656	...	520 583	...	113 026	19 390	138 439	...	...	...	...	...	68 801
SWEDEN	161 946	101 584	56 774	9 497	...	31 131	...	...	...	...	...	...	...
SWITZERLAND	152 859	109 352	83 196	19 870	15 185	28 496	...	...	...	...	...	...	...
UNITED KINGDOM	326 698	227 558	85 532	95 849	5 042	40 086	...	...	...	...	...	...	...
YUGOSLAVIA	2 600 140	1 804 402	1 436 623	791 351	15/113 574	721 896	129 312	20 526	15/21 702	...	...	...	...
<u>OCEANIA (6)</u>	352 696	187 736	54 151	142 327	9 226	12 443	...	...	...	...	...	...	...
AMERICAN SAMOA	1 923	15	1 140	...	...	16/76	...	...	...	...	...	...	...
AUSTRALIA	249 485	169 931	37 768	105 515	...	...	...	...	...	...	...	...	...
FIJI	33 521	17 276	5 437	...	8 956	12 338	...	...	...	...	...	...	...
GUAM	1 121	284	598	...	75	16	...	...	...	...	...	...	...
NEW ZEALAND	62 789	...	7 026	36 812	...	...	...	...	...	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	3 857	230	2 182	...	195	16/13	...	...	...	...	...	...	...

1/ Traditional sector. 2/ Sheep and goats. 3/ Small farms. 4/ Large farms. 5/ Subsistence sector. 6/ Excluding holdings reporting oxen. 7/ Holdings with sales of US \$1 200 and over. 8/ Asses and mules. 9/ Holdings with sales of US \$2 500 and over. 10/ Holdings reporting cattle and/or buffaloes. 11/ Pigs, sheep and goats. 12/ Horses and asses. 13/ Holdings reporting cows. 14/ Horses, mules and asses. 15/ Individual holdings. 16/ Horses and mules.

TABLE 7.3 - Percent of holdings reporting specified livestock

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings	Percent of holdings reporting							
		Cattle	Pigs	Sheep	Goats	Horses	Asses	Buffaloes	Mules
<u>TOTAL (71)</u>	100.0	37.3	26.8	9.1	7.7	12.2	4.2	3.0	2.3
<u>AFRICA (18)</u>	100.0	17.1	6.4	12.6	15.7	0.7	0.8	...	-
ALGERIA	100.0	38.3	...	38.3	32.2	...	...	...	...
BOTSWANA	100.0	1/70.3	...	...	2/79.8	...	...	...	...
CAMEROON	100.0	...	...	...	...	1.6	4.9	...	...
CENTRAL AFRICAN REPUBLIC	100.0	...	20.0	...	...	...	...	...	...
CHAD	100.0	...	7.1	...	...	...	...	...	...
CONGO	100.0	3.1	5.7	8.7	17.4	...	...	...	...
GHANA	100.0	8.6	...	22.9	27.3	...	...	...	...
IVORY COAST 1/	100.0	6.8	8.2	27.1	23.2	...	...	...	...
KENYA	100.0	3/63.9	4/ -	3/36.9	3/40.0	...	...	...	...
LESOTHO	100.0	50.0	29.6	29.0	29.0	30.0	22.5	...	0.7
LIBERIA	100.0	2.1	1.4	3.2	5.7	...	...	...	...
MALAWI	100.0	10.7	9.3	1.7	23.5	...	...	...	...
REUNION	100.0	21.0	62.7	0.2	17.7	...	...	...	...
SIERRA LEONE	100.0	4.8	1.3	6.2	9.4	...	...	...	...
SWAZILAND 5/	100.0	59.4	27.7	5.2	...	2.3	...	...	10.2
TOGO	100.0	...	31.5	...	...	...	...	...	...
ZAIRE 1/	100.0	...	9.7	...	...	...	...	...	...
ZAMBIA 1/	100.0	17.9	5.6	...	2/8.1	...	...	...	...
<u>NORTH AND CENTRAL AMERICA (10)</u>	100.0	56.1	31.4	4.6	2.1	21.2	1.2	...	1.3
CANADA	100.0	68.0	33.5	3.8	1.2	30.4	...	...	...
COSTA RICA	100.0	53.6	44.8	...	...	39.8	...	...	3.0
DOMINICAN REPUBLIC	100.0	30.5	57.8	1.0	17.6	...	...	...	...
EL SALVADOR	100.0	30.4	38.6	0.2	1.6	14.7	0.4	...	4.6
HONDURAS	100.0	42.3	55.8	0.2	1.7	46.5	6.6	...	17.7
PAFAMA	100.0	26.7	30.8	...	...	40.0	...	...	1.3
PUERTO RICO	100.0	6/46.3	37.3	7/0.1	5.6	13.6	...	...	8/0.8
ST. LUCIA	100.0	18.9	27.7	28.4	19.0	0.6	1.2	...	0.1
UNITED STATES	100.0	63.0	25.1	6.2	9/0.7	20.0	9/8/1.2	...	...
VIRGIN ISLANDS (U.S.)	100.0	25.0	28.8	14.6	41.5	18.4	7/4.7	...	...
<u>SOUTH AMERICA (5)</u>	100.0	46.3	47.3	16.2	11.3	33.8	17.6	-	13.5
BRAZIL	100.0	44.9	50.2	7.6	10.7	37.9	14.0	-	16.2
PERU	100.0	50.3	39.5	48.1	14.3	23.5	29.0	...	5.5
SURINAME	100.0	10/49.2	11/14.0	...	...	12/2.4	...	...	...
URUGUAY	100.0	89.0	...	48.8	...	...	...	...	...
VENEZUELA	100.0	39.5	51.1	2.1	11.3	22.9	29.1	...	9.6
<u>ASIA (12)</u>	100.0	25.3	20.9	4.1	6.1	2.5	2.7	12.0	0.2
BAHRAIN	100.0	14.6	...	8.9	6.5	...	...	...	...
IRAQ	100.0	56.9	...	39.6	27.5	12.6	45.0	3.1	5.2
ISRAEL	100.0	20.3	0.2	3.3	3.3	...	...	...	...
JAPAN	100.0	16.8	8.3	0.3	2.7	2.0	...	...	...
JORDAN	100.0	15.1	...	20.0	31.5	5.2	39.0	-	3.0
KOREA, Republic of	100.0	45.5	36.5	0.1	3.0	...	...	...	...
KUWAIT	100.0	14.5	...	25.6	25.2	...	...	...	...
PHILIPPINES	100.0	19.5	60.0	...	11.0	5.9	...	62.3	...
SAUDI ARABIA, Kingdom of	100.0	42.3	...	30.5	27.7	-	38.3	...	-
SINGAPORE	100.0	0.6	...	...	1.1	...	...	...	...
SRI LANKA 3/	100.0	18.6	0.9	0.1	5.4	...	...	6.0	...
SYRIA	100.0	13/25.8	...	2/42.7	...	...	...	...	...

For footnotes see table 7.1

(continued)

TABLE 7.3 - Percent of holdings reporting specified livestock (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings	Percent of holdings reporting							
		Cattle	Pigs	Sheep	Goats	Horses	Asses	Buffaloes	Mules
<u>EUROPE</u> (20)	100.0	49.6	34.6	8.7	4.4	16.0	3.2	0.1	1.3
AUSTRIA	100.0	67.5	72.4	4.3	6.1	9.4	...	...	...
BELGIUM	100.0	69.5	45.5	7.0	1.0	27.6	...	...	...
CZECHOSLOVAKIA	100.0	21.7	56.6	8.2	15.2	2.8	...	...	...
DENMARK	100.0	73.8	84.4	3.4	...	11.2	...	...	...
FINLAND	100.0	<u>13/72.9</u>	15.2	...	...	31.8	...	...	...
FRANCE	100.0	66.2	41.2	10.9	10.2	<u>14/18.5</u>	...	...	...
GERMANY, Federal Republic of	100.0	73.8	70.0	2.0	...	9.0	...	...	...
GREECE	100.0	23.2	-	-	-	17.4	29.8	-	13.8
HUNGARY	100.0	7.0	46.0	1.3	1.2	4.4	0.2	...	-
ITALY	100.0	26.7	25.6	6.2	3.8	13.0	...	-	...
LUXEMBOURG	100.0	80.4	62.6	4.0	...	7.9	...	...	...
MALTA	100.00	7.5	10.6	31.9	29.9	<u>14/38.0</u>	...	...	...
NETHERLANDS	100.0	70.9	41.0	10.8	2.4	27.1	...	...	...
NORWAY	100.0	<u>13/53.2</u>	37.6	47.5	2.5	22.3	...	...	...
POLAND	100.0	<u>13/74.7</u>	...	...	...	50.1	...	...	...
PORTUGAL	100.0	...	64.1	...	13.9	2.4	17.1	...	8.5
SWEDEN	100.0	62.7	35.1	5.9	...	19.2	...	...	...
SWITZERLAND	100.0	71.5	54.4	13.0	9.9	18.6	...	...	...
UNITED KINGDOM	100.0	69.7	26.1	29.3	1.5	12.3	...	...	...
YUGOSLAVIA	100.0	69.4	55.3	30.4	<u>15/4.4</u>	27.8	5.0	0.8	<u>15/0.8</u>
<u>OCEANIA</u> (6)	100.0	53.2	15.4	40.4	2.6	3.5	...	-	...
AMERICAN SAMOA	100.0	0.8	59.3	...	...	<u>16/4.0</u>	...	...	...
AUSTRALIA	100.0	68.1	15.1	42.3	...	...	...	-	...
FIJI	100.0	51.5	16.2	...	26.7	36.8	...	...	...
GUAM	100.0	25.3	53.3	...	6.7	1.4	...	...	...
NEW ZEALAND	100.0	...	11.2	58.6	...	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	100.0	6.0	56.6	...	5.1	<u>16/0.3</u>	...	...	...

For footnotes see table 7.1

TABLE 7.4 - Number of countries classified by percent of holdings having specified livestock

	Percentage of the total number of holdings having specified livestock								Total
	Under 10 %	10 to 19%	20 to 29%	30 to 39%	40 to 49%	50 to 59%	60 to 69%	70 and over	
CATTLE									
Number of countries	10	9	9	4	6	7	10	9	64
Number of holdings (1 000)	2 743	11 073	6 846	1 811	7 770	2 479	10 056	5 382	48 160
Holdings with cattle (1 000)	184	1 908	1 707	648	3 495	1 297	6 647	4 001	19 887
Number of cattle (1 000)	3 465	9 740	15 754	12 271	82 256	8 943	197 765	43 770	373 964
Average number of cattle per holding	18.8	5.1	9.2	18.9	23.5	6.9	29.8	10.9	18.8
HORSES									
Number of countries	16	11	7	7	2	1	-	-	44
Number of holdings (1 000)	13 297	7 966	7 533	5 901	310	3 399	-	-	38 406
Holdings with horses (1 000)	491	1 189	1 798	2 178	137	1 704	-	-	7 497
Number of horses (1 000)	1 073	1 242	4 719	5 553	304	2 346	-	-	15 237
Average number of horses per holding	2.2	1.0	2.6	2.5	2.2	1.4	-	-	2.0
MULES									
Number of countries	12	4	-	-	-	-	-	-	16
Number of holdings (1 000)	6 484	6 205	-	-	-	-	-	-	12 689
Holdings with mules (1 000)	249	981	-	-	-	-	-	-	1 230
Number of mules (1 000)	378	1 924	-	-	-	-	-	-	2 302
Average number of mules per holding	1.5	2.0	-	-	-	-	-	-	1.9
ASSES									
Number of countries	8	2	4	2	1	-	-	-	17
Number of holdings (1 000)	7 583	5 736	2 913	237	591	-	-	-	17 060
Holdings with asses (1 000)	225	829	841	91	266	-	-	-	2 252
Number of asses (1 000)	301	1 577	1 430	148	457	-	-	-	3 913
Average number of asses per holding	1.3	1.9	1.7	1.6	1.7	-	-	-	1.7
BUFFALOES									
Number of countries	3	-	-	-	-	-	1	-	4
Number of holdings (1 000)	4 836	-	-	-	-	-	2 355	-	7 191
Holdings with buffaloes (1 000)	140	-	-	-	-	-	1 466	-	1 606
Number of buffaloes (1 000)	543	-	-	-	-	-	2 731	-	3 274
Average number of buffaloes per holding	3.9	-	-	-	-	-	1.9	-	2.0
SHEEP									
Number of countries	28	4	7	6	5	1	-	-	51
Number of holdings (1 000)	27 948	1 926	1 936	5 770	2 397	63	-	-	40 040
Holdings with sheep (1 000)	1 062	214	497	1 977	1 110	37	-	-	4 897
Number of sheep (1 000)	51 706	9 884	30 359	26 471	212 385	60 883	-	-	391 688
Average number of sheep per holding	48.7	46.2	61.1	13.4	191.3	1 645.5	-	-	80.0
GOATS									
Number of countries	25	11	9	2	2	-	-	1	50
Number of holdings (1 000)	22 674	13 330	2 415	956	1 487	-	-	48	40 910
Holdings with goats (1 000)	747	1 604	836	307	595	-	-	38	4 127
Number of goats (1 000)	5 123	11 780	6 317	1 832	3 490	-	-	1 082	29 624
Average number of goats per holding	6.9	7.3	7.6	6.0	5.9	-	-	28.5	7.2
PIGS									
Number of countries	11	6	8	9	5	10	4	3	56
Number of holdings (1 000)	12 668	671	7 184	5 194	2 842	9 945	3 213	1 577	43 294
Holdings with pigs (1 000)	918	99	1 823	1 916	1 222	5 259	1 963	1 131	14 331
Number of pigs (1 000)	7 999	4 676	69 676	14 714	27 533	48 122	5 595	31 209	209 524
Average number of pigs per holding	8.7	47.2	38.2	7.7	22.5	9.2	2.9	27.6	14.6

TABLE 7.5 - Number of cattle by age and sex

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Cattle of all ages			Cattle under 2 years of age			Cattle 2 years of age and over		
		Total		Female (Number)	Total		Female (Number)	Total		Female (Number)
		Number of holdings reporting	Number		Male (Number)	Female (Number)		Male (Number)	Female (Number)	
<u>AFRICA</u> (14)		...	22 934 882	7 690 573	15 244 309	...	...	...	...	...
BOTSWANA	1969	33 765	1 443 789	560 686	883 103	173 588	1 106 974	397 459	709 515	...
CAMEROON	1972/73	...	1 038 461	487 121	551 340	173 802	657 695	280 157	377 538	...
CENTRAL AFRICAN REPUBLIC	1973/74	...	152 900	92 099	60 801	25 128	73 837	38 164	35 673	...
CHAD	1972/73	...	543 297	326 655	216 642	71 704	385 977	241 039	144 938	...
CONGO	1972/73	4 390	31 369	11 769	19 600	7 310	17 588	5 306	12 282	...
IVORY COAST	1973/74	37 502	356 815	124 437	232 378	49 745	279 970	87 437	191 633	...
KENYA	1974	...	7 493 600	1 961 900	5 531 700	...	...	...	...	...
LESOTHO	1970	93 667	551 520	236 747	314 773	61 490	435 301	182 018	253 283	...
SIERRA LEONE ^{1/}	1970/71	13 724	188 552	94 002	94 550	29 597	121 425	56 472	64 953	...
SOUTH AFRICA ^{2/}	1970/71	...	7 064 918	2 026 398	5 038 520	1 222 622	4 044 457	728 559	3 315 898	...
SWAZILAND	1972	23 400	562 176	249 409	312 767	126 881	321 629	135 743	185 886	...
TOGO	1970	...	203 267	71 471	131 796	45 408	103 541	26 063	77 478	...
ZAIRE	1970	...	688 918	212 779	476 139	104 089	489 364	117 314	372 050	...
ZAMBIA	1970/71	137 500	2 615 300	1 235 100	1 380 200	288 000	2 042 400	947 100	1 095 300	...
<u>NORTH AND CENTRAL AMERICA</u> (11)		...	140 001 692	...	...	...	...	...	...	...
CANADA	1971	248 757	13 278 233	...	...	...	7 504 921	...	...	...
COSTA RICA	1973	43 699	1 693 912	578 298	1 115 614	450 799	793 509	342 710	577 312	...
DOMINICAN REPUBLIC	1971	92 889	1 711 744	565 622	1 145 122	...	...	...	...	...
EL SALVADOR	1971	96 679	1 020 478	374 891	645 587	159 371	334 247	174 876	686 231	...
HONDURAS ^{3/}	1974	82 610	1 343 949	378 809	965 140	342 438	571 675	229 237	772 274	...
MEXICO	1970	...	21 136 432	...	...	...	6 202 135	...	14 934 297	...
PAWANA	1971	30 856	1 258 919	433 717	825 202	208 189	432 430	224 241	826 489	...
PUERTO RICO	1970	15 129	317 493	67 457	250 036	...	...	...	...	...
ST. LUCIA	1974	2 068	7 893	2 179	5 714	...	...	...	...	...
UNITED STATES ^{4/}	1969	1 177 723	98 226 994	30 611 608	67 615 386	...	...	...	...	...
VIRGIN ISLANDS (U.S.)	1970	53	5 645	...	...	...	895	...	4 750	...
<u>SOUTH AMERICA</u> (4)		2 986 901	90 853 765	33 449 232	57 404 533	15 379 184	30 824 183	15 444 999	60 029 582	...
BRASIL	1970	2 211 376	78 562 250	29 257 539	49 304 711	13 954 243	27 682 281	13 728 038	50 879 969	...
PERU ^{5/}	1971/72	698 926	3 688 244	1 181 358	2 506 886	554 894	1 337 926	783 032	2 350 318	...
SURINAME	1969	7 918	39 524	11 630	27 894	7 693	17 729	10 036	21 795	...
URUGUAY	1970	68 681	8 563 747	2 998 705	5 565 042	862 354	1 786 247	923 893	6 777 500	...
<u>ASIA</u> (10)		...	196 312 420	...	...	...	51 914 689	...	144 397 731	...
BAHRAIN	1973/74	125	949	270	679	175	362	187	587	...
INDIA	1972	...	177 627 000	97 053 000	80 574 000	22 594 000	46 770 000	24 176 000	130 857 000	...
IRAQ	1971	336 537	1 200 881	229 938	970 943	162 473	400 099	237 626	800 782	...
JAPAN ^{6/}	1970	...	1 804 000	...	...	...	606 000	...	1 198 000	...
JORDAN	1975	8 371	31 078	7 294	23 784	6 108	14 026	7 918	17 052	...
KOREA, Republic of	1969/70	1 101 448	1 310 008	423 232	886 776	240 583	540 544	299 961	769 464	...

(Continued)

See footnotes at end of table.

TABLE 7.5 - Number of cattle by age and sex (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Cattle of all ages				Cattle under 2 years of age				Cattle 2 years of age and over		
		Total Number of holdings reporting	Male (Number)		Female (Number)	Total number	Male (Number)		Female (Number)	Total number	Male (Number)	Female (Number)
			Number	Female (Number)			Males (Number)	Females (Number)				
ASIA (cont'd)												
KUWAIT	1969	65	7/2 001	301	1 700	766	536	230	1 235	71	1 164	
PAKISTAN	1971-72-37	...	12 540 148	7 662 436	4 877 712	2 986 129	1 435 419	1 550 710	9 554 019	6 111 726	3 442 293	
PHILIPPINES	1971	458 662	1 564 299	...	...	557 711	...	...	1 006 588	...	...
SAUDI ARABIA, Kingdom of	1972	76 484	232 056	93 437	138 619	39 052	22 324	16 728	193 004	76 709	116 295	
EUROPE (19)												
AUSTRIA	1970	...	88 562 347	...	...	40 198 295	...	...	48 364 052	...	...
BELGIUM	1971	244 600	2 415 685	...	...	1 091 528	...	...	1 324 157	...	...
CZECHOSLOVAKIA	15 May '70	127 907	2 886 661	...	...	1 501 433	...	...	1 385 228	...	...
GERMANY, Federal Republic of	1971	320 181	4 287 857	1 141 514	3 146 343	2 119 803	1 080 532	1 039 211	2 168 054	102 303	2 065 751	
IRELAND 8/	1970	103 485	2 840 273	...	...	988 355	559 376	428 979	1 851 918	...	...
IRELAND 2/	1969	...	1 981 266	...	...	764 219	...	...	1 217 047	...	...
FRANCE	1971	1 051 514	21 400 108	...	...	9 011 644	...	...	12 388 454	...	...
GERMANY, Federal Republic of	1971	793 425	14 673 956	...	...	7 875 233	...	...	6 798 733	...	...
GREECE	1971	243 340	836 240	204 680	631 560	353 180	166 900	...	483 060	18 400	464 660	
HUNGARY 8/	1972	55 992	1 900 583	508 753	1 391 830	787 648	551 109	236 539	1 112 935	272 214	840 721	
IRELAND 2/	1970	...	4 032 381	2 364 246	1 668 135	2 892 389	1 316 213	1 576 176	1 139 992	788 070	351 922	
ITALY	1970	962 082	8 656 401	...	...	2 313 281	...	...	6 383 100	...	...
LUXEMBOURG	1970	6 117	192 772	...	...	108 501	...	...	84 271	...	...
MALTA	1969	130 842	4 314 459	1 402	6 251	3 245	2 042	1 203	4 408	199	4 209	
NETHERLANDS	1970	...	971 928	...	...	1 687 140	...	...	2 627 319	...	...
NORWAY 2/	1971	...	...	...	...	340 239	...	...	631 689	...	...
PORTUGAL	1968	...	950 264	...	...	331 758	...	...	618 506	...	...
SWEDEN	1971	101 584	1 839 799	...	...	518 347	...	...	1 321 452	...	...
SWITZERLAND	1969	108 352	1 752 879	...	...	410 026	...	...	1 342 853	49 014	1 293 839	
UNITED KINGDOM	1970	227 258	12 581 172	3 559 345	9 021 827	7 100 316	4 145 853	2 954 453	5 486 856	604 882	4 875 974	
OCEANIA (3)												
AUSTRALIA	1970/71	169 931	33 129 160	...	...	10 085 888	...	...	23 043 272	...	...
FIJI	1968/69	17 276	24 357 300	...	...	6 279 700	...	...	18 077 600	...	...
NEW ZEALAND	1972	...	140 447	...	...	29 354	15 946	13 408	111 093	535 845	4 318 734	

1/ Small holdings. 2/ Excluding 4 169 380 cattle on farms homesteads. 3/ Excluding 451 166 heads not specified. 4/ Holdings with sales of US \$2 500 and over. 5/ Excluding 132 886 cattle on holdings with less than 0.5 ha of land and not satisfying the minimum livestock limits. 6/ Cows kept for milk production. 7/ Excluding 2 940 cattle in the household sector. 8/ Excluding 924 111 cattle. 9/ Excluding 1 497 cattle on holdings with less than 0.5 ha agricultural area.

TABLE 7.6 - Holdings with cattle by number of cattle per holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of cattle	Number of holdings reporting	Number of holdings reporting										200 to 499 head	500 head and over
			1 head	2 head	3 to 4 head	5 to 9 head	10 to 19 head	20 to 49 head	50 to 99 head	100 to 199 head	200 to 499 head			
TOTAL (30)	247 540 088	10 898 285	2 442 030	1 710 014	1 708 526	1 256 154	1 215 294	1 510 007	634 518	275 341	112 310	34 091		
AFRICA (3)	1 715 762	59 693	130	507	1 826	14 818	21 068	14 412	4 577	2 315	...	...
BOTSWANA	1 236 874	33 765				9 922	11 318	6 818	3 492	2 315	...	...
LIBERIA	25 862	2 328	130	163	978	4 995	6 560	1 170	15	...	...	...
SWAZILAND	453 026	23 400						1 070	...	...	...	...
NORTH AND CENTRAL AMERICA (5)	122 255 664	2 119 824	15 418	38 586	204 767	223 553	345 007	651 007	358 904	182 378	71 584	19 520		
CANADA	13 278 233	248 757		7 543	20 394	18 441	16 877	93 220	48 887	34 472	7 937	586		
EL SALVADOR	1 020 478	96 679	13 922	26 858	19 893	17 561	9 550	5 800	1 755	843	375	121		
PANAMA	1 258 919	30 856	1 496	4 285	2 993	4 157	5 915	6 584	3 049	1 410	705	262		
PUERTO RICO	317 493	15 129		8 349	8 349	3 097	1 652	2 031	...	...	...	...
UNITED STATES	106 380 541	1 719 403			153 138	183 297	311 673	543 372	305 212	145 653	62 567	18 151		
SOUTH AMERICA (1)	8 677 674	113 624	6 924		24 798	23 334	15 795	17 678	8 216	0 819	4 848	3 342		
VENEZUELA	8 677 674	113 624	6 924		24 798	23 334	15 795	17 678	8 216	0 819	4 848	3 342		
ASIA (5)	5 580 860	1 494 959	998 526	211 125	165 444	77 591	32 494	8 559	923	77	154	66		
ISRAEL	235 500	8 164			2 458	1 314	1 920	1 884	295	74	153	66		
JAPAN	3 593 000	1/241 978		93 050	55 560	58 400	28 289	6 301	378	...	...	...
JORDAN	31 078	8 371	1 315	2 689	2 590	1 400	293	72	8	...	...	...
KOREA, Republic of	1 310 008	1 101 448	965 142	115 386	18 195	2 212	325	183	55	...	...	...
SYRIA	411 274	134 938	32 059	85 641		14 265	1 667	179	177	...	...	...
EUROPE (15)	64 952 828	6 949 254	1 418 350	1 455 718	1 305 498	995 533	785 187	786 019	224 261	47 278	17 117	4 293		
AUSTRIA	2 415 685	2/238 726	30 632	45 582	71 940	71 729	17 969	838	36	...	...	...
BELGIUM	2 886 661	127 907	4 972	20 655	18 694	18 694	28 019	42 620	12 939	...	...	...
CZECHOSLOVAKIA	4 287 857	320 181	180 653	77 032	37 102	16 918	1 429	106	207	1 131	3 373	2 233		
FINLAND	1 581 266	216 577	18 627	33 490	73 468	81 362	9 181	449	...	...	...	...
FRANCE	21 400 108	1 051 514	30 906	58 710	147 760	157 993	274 301	294 726	74 211	12 997	...	...
GERMANY, Federal Republic of	14 673 966	793 425	19 873	44 408	100 000	151 039	201 698	229 295	42 178	4 994	...	...
HUNGARY	1 900 583	55 992	15 721	18 287	14 887	4 384	234	57 064	54	147	...	...
ITALY	8 696 401	952 082	123 870	171 286	272 259	199 923	117 681	2 344	13 760	6 041	808	1 421		
LUXEMBOURG	192 772	6 117		277	542	586	1 098	2 344	1 138	16	...	...
NETHERLANDS	4 314 459	130 842	1 023		6 113	13 786	26 103	59 299	24 516	...	...	...
NORWAY	971 928	82 177	11 113	13 425	20 149	26 911	9 154	1 415	...	...	...	...
POLAND	5 057 292	2 537 978	976 646	959 219	523 077	79 036	23 349	2 624	390	99	...	...
SWEDEN	1 839 799	1/88 826		25 495	8 773	36 869	40 494	26 944	1 668	...	...	...
SWITZERLAND	1 752 879	109 352	2 784	4 580	8 773	23 851	34 467	69 236	53 154	27 628	6 877	444		
UNITED KINGDOM	12 581 172	227 558	1 530	3 927	8 773	22 450	15 833	32 372	37 637	34 474	18 607	6 870		
OCEANIA (1)	24 357 300	169 931	2 632	3 978	6 153	11 325	15 833	32 372	37 637	34 474	18 607	6 870		
AUSTRALIA	24 357 300	169 931	2 632	3 978	6 153	11 325	15 833	32 372	37 637	34 474	18 607	6 870		

1/ Holdings reporting cows, with more than 2 years, kept for milk production. 2/ Holdings reporting cows.

TABLE 7.7 Cattle by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of cattle	Under 1 ha	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	Holdings without land
TOTAL (45)	351 008 146	3 295 119	4 356 708	11 520 640	18 129 210	27 587 909	44 609 968	35 593 564	39 379 969	44 585 890	31 791 748	89 392 182	693 679
AFRICA (5)	1 822 982	127 685	217 862	256 515	260 733	123 452	104 711	34 433	27 334	16 885	15 947	410 130	167 605
ALGERIA	861 480	60 380	69 387	164 264	148 118	122 210	85 038	24 208	9 218	4 582	-	-	165 095
REUNION	19 212	5 665	3 789	4 526	1 490	1 242	...	-	-	-	-	-	2 510
SWAZILAND 1/	453 026	52 660	204 695	87 726	107 945	...	17 783	8 255	12 636	7 843	8 987	249 900	...
ZAMBIA 2/	305 404	...	...	...	...	...	1 890	1 970	5 486	4 480	6 966	160 230	...
ZAMBIA 3/	183 860	...	...	...	2 930	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (5)	116 014 732	91 209	124 727	380 638	605 926	1 345 077	6 311 134	13 327 213	18 612 096	20 607 769	14 644 984	39 731 223	32 736
CANADA	13 278 233	6 000	3 513	14 953	35 132	101 822	815 955	2 543 534	3 356 220	2 729 334	3 673 510	-	-
COSTA RICA	1 693 912	7 990	7 666	27 664	43 596	76 465	221 946	238 280	231 262	338 937	190 893	313 634	5 255
EL SALVADOR	1 020 478	59 820	73 666	116 334	90 547	101 683	151 376	168 040	95 074	100 250	50 747	45 748	27 481
HONDURAS	1 795 115	17 399	39 658	124 360	142 170	181 904	306 632	321 752	195 491	249 514	134 865	179 270	...
UNITED STATES 4/	98 226 994	-	-	98 227	294 684	884 043	4 813 123	10 215 607	14 734 049	17 189 784	10 804 969	39 192 571	...
SOUTH AMERICA (5)	99 531 111	879 119	960 284	2 361 791	2 774 160	4 751 266	9 640 222	8 768 843	10 125 782	15 649 356	11 740 213	31 837 929	42 206
BRAZIL 5/	78 430 298	221 493	342 911	1 488 682	1 939 630	3 973 488	6 543 134	7 781 655	8 943 746	13 350 389	9 282 287	22 863 184	...
PERU 6/	3 819 358	623 914	507 128	862 203	537 486	366 227	297 877	139 830	111 706	90 720	51 454	231 033	...
SURINAME	39 524	2 598	5 344	13 867	7 774	4 827	2 895	592	545	1 844	232	46	30
URUGUAY	8 563 747	...	4 799	23 487	49 974	97 309	225 443	292 269	452 485	1 030 530	1 298 234	5 088 979	...
VENEZUELA	6 677 674	31 114	100 132	273 512	239 376	310 275	570 783	554 497	617 380	1 175 666	1 108 006	3 654 117	42 176
ASIA (1)	2 980 599	783 271	735 381	464 609	333 381	244 273	104 357	35 326	28 947	60 169	39 173	36 378	115 334
INDONESIA	549	80	190	281	78	132	38	150	...	...	...	...	...
IRAN 7/	1 200 881	83 345	160 516	180 699	280 317	203 635	83 505	28 746	22 279	21 499	-	19 424	96 097
ISRAEL 1/	222 622	4 122	6 749	71 366	18 746	9 471	1 537	330	1 797	38 490	39 173	16 034	3 877
KOREA, Republic of	1 310 003	625 031	504 202	156 268	...	...	...	...	...	...	...	...	14 560
KOREA, Democratic People's Republic of	2 001	148	87	454	193	940	1	178	...	...	...	...	...
SAUDI ARABIA, Kingdom of	232 056	59 170	32 000	42 516	31 860	28 257	10 342	5 220	4 691	...	...	...	...
SYRIA 2/	12 032	1 175	1 630	3 056	2 187	1 838	334	702	180	...	...	...	...
EUROPE (19)	97 662 125	1 412 326	2 257 600	8 094 850	14 085 260	20 942 383	26 741 679	9 618 193	6 323 898	2 183 452	1 626 387	4 039 793	335 798
AUSTRIA	2 415 695	6 412	28 765	142 678	335 180	714 111	925 537	159 172	15 869	35 972	-	-	...
BELGIUM	2 886 661	52 201	59 076	189 924	527 652	999 509	844 680	170 068	33 621	...	...	...	99 098
CZECHOSLOVAKIA	4 287 857	288 228	60 684	121 109	101 419	13 073	17 760	3 299	51 619	605 643	1 175 939	1 050 665	26 309
DENMARK	2 840 273	315	4 044	29 100	292 800	770 204	1 310 919	349 634	114 737	...	...	...	...
FINLAND	1 926 050	4 784	39 762	225 956	648 209	737 693	292 110	26 260	...	...	...	...	...
FRANCE	21 460 108	83 205	108 721	352 774	1 525 227	4 951 638	9 529 232	3 322 033	2 327 368	...	...	...	...
GERMANY, Federal Republic of	14 573 266	32 920	193 370	684 248	1 604 311	4 797 560	5 964 305	1 019 398	268 316	...	...	...	...
GERMANY, Democratic	836 240	33 380	210 763	233 480	245 300	77 280	18 920	2 000	...	...	...	...	14 920
HUNGARY	1 500 583	59 333	23 121	26 652	7 332	474	32	285	700	...	...	...	5 158
ITALY	8 698 401	166 679	349 655	1 369 595	1 850 992	1 908 355	1 523 938	659 945	699 724	...	...	...	163 597

See footnotes at end of table.

(Continued)

TABLE 1.7 Cattle by size of holding (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Total number of cattle	Under 1 ha		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		Holdings without land
		1 ha	Under 1 ha	2 ha	1 and under 2 ha	5 ha	2 and under 5 ha	10 ha	5 and under 10 ha	20 ha	10 and under 20 ha	50 ha	20 and under 50 ha	100 ha	50 and under 100 ha	200 ha	100 and under 200 ha	500 ha	200 and under 500 ha	1 000 ha	500 and under 1 000 ha			
EUROPE (cont'd)																								
LUXEMBOURG	192 772	61		481		2 749		8 377		31 019		121 853		28 232		8 370								...
NETHERLANDS	4 314 459	65 080		75 495		249 798		729 813		1 724 455		1 280 880		78 452		8 370								102 116
NORWAY	973 425	6 926		13 873		174 561		370 503		271 480		114 878		21 204		...								...
POLAND	8 002 282	157 811		469 869		1 901 969		3 029 495		2 116 637		314 843		11 668		...								...
PORTUGAL	950 264	131 597		145 684		242 908		134 435		84 992		50 445		20 013		16 563		25 967		26 845		70 615		...
SWEDEN	1 839 799	1 376		5 475		70 238		227 760		439 912		680 681		245 182		168 225		...						...
SWITZERLAND	1 752 879	16 657		21 534		112 909		399 961		772 718		376 566		39 307		8 922		4 305						...
UNITED KINGDOM	12 581 172	25 498		23 296		146 186		307 057		892 782		3 243 462		3 419 824		2 523 497		1 488 415		338 915		172 330		...
YUGOSLAVIA	5 131 249	297 913		533 985		1 808 275		1 548 247		520 611		129 758		2 312		4 072		15 916		14 936		255 224		...
CEYLONIA (4)	32 996 597	1 009		2 914		32 237		70 660		181 058		1 707 865		3 809 550		4 261 912		6 068 279		3 525 044		13 336 729		...
AUSTRALIA	24 357 300	700		2 500		24 600		50 500		122 300		857 960		1 971 600		2 687 200		3 867 600		2 811 000		11 961 400		...
GUAM	2 650	263		289		149		175		176		234		1 364		...								...
NEW ZEALAND	8 631 413	46		125		7 365		19 024		58 274		849 388		1 832 588		1 574 712		2 200 679		714 044		1 375 329		...
PACIFIC ISLANDS (TRUST TERRITORY)	5 234					123		301		308		343		3 988		...								...

1/ Subsistence sector. 2/ Modern sector. 3/ Commercial sector. 4/ Holdings with sales of US \$2 500 and over. 5/ Excluding 131 652 cattle and holdings of size not reported. 6/ Excluding 1 562 cattle on holdings of size not reported. 7/ Excluding 12 878 cattle not on family or collective holdings. 8/ Excluding 2 940 cattle in the household sector. 9/ Cows only.

TABLE 7.8 - Number of buffaloes, by age and sex

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Buffaloes, all ages											
		Total buffaloes						Under 1 year		1 to 3 years		3 years and over	
		Number of holdings reporting	Number of buffaloes	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<u>TOTAL</u> (5)		18 518	66 736 912	16 501 742	50 235 170	4 427 810	6 503 310	3 776 206	8 868 232	8 297 726	34 863 628		
<u>ASIA</u> (4)		18 496	66 730 512	16 499 442	50 231 070	4 427 010	6 503 010	3 774 706	8 864 432	8 297 726	34 863 628		
INDIA	1972	...	57 212 000	15 048 000	42 164 000	4 427 000	6 503 000	2 555 000	6 418 000	8 066 000	29 243 000		
IRAQ	1971	18 487	111 887	15 119	96 768	...	...	12 014	25 502	3 105	71 266
JORDAN	1975	9	71	14	57	10	10	2	18	2	29		
PAKISTAN	1972	...	9 406 554	1 436 309	7 970 245	...	...	1 207 690	2 420 912	228 619	5 549 333
<u>OCEANIA</u> (1)		22	6 400	2 300	4 100	800	300	1 500	3 800	...	...
AUSTRALIA	1970-71	22	6 400	2 300	4 100	800	300	1 500	3 800	...	...

TABLE 7.9 - Buffaloes by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of buffaloes	Under 1 ha	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
TOTAL (10)	825 770	165 198	81 593	217 790	132 704	63 283	30 413	11 565	12 664	15 806	28 050	66 384
SOUTH AMERICA (2)	108 343	241	692	886	547	1 373	3 001	3 574	6 936	12 486	12 721	55 892
BRAZIL	108 064	223	655	822	521	1 361	2 987	3 556	6 931	12 481	12 669	65 892
STRANGE	279	18	37	59	26	12	14	18	5	5	52	-
ASIA (2)	612 982	162 796	74 523	192 134	111 099	50 671	17 010	727	789	3 048	-	156
IRAQ	111 887	74 426	15 689	5 757	7 440	4 303	1 866	727	728	781	...	156
PAKISTAN ^{2/}	500 995	88 360	58 834	186 377	103 659	46 368	15 130	-	-	2 267	...	-
EUROPE (3)	97 859	2 160	6 336	24 734	21 008	11 216	10 356	7 584	-	-	14 329	136
HUNGARY	237	30	10	7	1	-	-	-	-	-	3	136
ITALY	50 853	373	667	3 412	6 463	8 015	10 013	7 584	-	-	14 326	-
YUGOSLAVIA	46 769	1 707	5 659	21 315	14 544	3 291	343	...	-	-	-	-
OSCEANIA (3)	6 686	11	42	42	50	23	46	-	5 000	272	1 000	200
AUSTRALIA	6 400	-	-	-	-	-	-	-	5 000	200	1 000	200
GUAM	149	8	34	15	9	7	12	-	-	64	...	-
PACIFIC ISLANDS (TRUST TERRITORY)	137	3	8	27	41	15	34	-	-	8	...	-

^{1/} Excluding 528 buffaloes on holdings of size not reported. ^{2/} 3 years of age and over, kept for draft only.

TABLE 7.10 - Horses by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of horses	Holdings without land	Under 1 ha	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
TOTAL (28)	13 479 663	30 420	393 040	583 297	1 861 441	2 417 497	1 724 367	1 382 695	924 237	681 580	972 586	655 930	1 652 373
NORTH AND CENTRAL AMERICA (4)	2 133 356	2 659	12 411	13 057	22 488	21 585	34 827	137 534	280 330	335 286	360 432	261 239	651 358
CANADA	354 297	...	923	131	524	1 311	3 804	30 407	94 890	80 951	64 654	76 707	...
COSTA RICA	101 481	1 049	1 339	1 482	5 323	6 410	9 351	20 477	14 805	10 660	11 447	6 324	12 914
EL SALVADOR	82 554	1 610	10 191	11 444	15 146	9 179	7 320	8 544	4 753	4 421	5 202	2 755	2 629
UNITED STATES 1/	1 595 024	...	-	-	1 595	4 785	14 355	78 156	165 882	239 254	279 129	175 453	636 415
SOUTH AMERICA (4)	6 012 018	3 626	225 838	243 923	542 633	519 996	661 797	966 520	586 080	500 943	592 069	359 308	808 285
BRAZIL 2/	4 848 427	...	76 217	120 593	332 030	388 358	567 796	880 362	542 039	464 964	544 686	318 381	613 653
PERU	725 445	...	147 606	111 901	179 533	107 627	67 788	48 040	17 932	12 345	10 129	5 329	16 625
SURINAME	225	...	16	42	73	36	26	22	1	4	2	2	1
VENEZUELA	437 921	3 626	2 999	11 387	30 777	23 775	26 233	38 096	26 138	23 630	37 258	35 596	178 406
ASIA (3)	87 055	10 157	2 091	6 318	9 977	28 973	21 043	5 697	1 260	679	313	547	-
BAHRAIN	152	...	5	4	15	3	21	102	1	...	...	...	...
IRAQ	85 230	...	2 009	5 527	9 794	28 527	20 890	5 581	1 259	626	313	547	...
SAUDI ARABIA, Kingdom of	1 673	...	77	787	167	443	132	14	-	53	...	...	...
EUROPE (16)	5 247 161	13 978	151 692	319 980	1 286 322	1 046 839	1 005 693	273 091	56 550	14 672	19 772	04 636	192 730
AUSTRIA	46 621	...	257	681	3 154	5 579	10 976	16 453	5 535	2 334	1 652	...	...
BELGIUM	73 315	...	3 877	3 736	13 900	21 991	19 854	7 809	1 391	406	...	...	...
CZECHOSLOVAKIA	131 154	1 575	5 484	3 336	15 285	16 256	2 051	2 786	1 486	3 199	14 363	25 136	40 227
FINLAND	101 288	...	...	1 441	16 281	43 345	30 519	8 327	802	573	...	...	...
GERMANY, Federal Republic of	197 034	...	1 731	10 727	24 589	31 126	47 986	54 401	18 243	8 431	...	...	...
GREECE	215 700	3 260	12 360	64 592	62 040	57 700	13 660	1 860	240	...	...	...	...
HUNGARY	203 550	5 594	20 386	8 871	12 030	3 021	208	53	141	329	1 885	8 111	142 881
ITALY	561 753	2 662	50 795	81 148	175 718	110 381	59 864	39 641	17 123	24 421	...	...	...
LUXEMBOURG	1 204	...	7	31	88	207	244	488	139	...	...	...	...
NETHERLANDS	86 390	388	950	2 059	9 643	21 735	30 607	18 603	2 126	279	...	...	...
NORWAY	41 684	...	1 865	1 234	13 778	15 616	6 352	2 573	465	...	...	...	...
POLAND	2 345 133	...	14 510	55 278	522 160	1 025 545	648 659	77 543	2 438	...	...	...	...
PORTUGAL	26 654	48	2 984	3 225	5 766	3 666	2 404	1 817	738	786	996	1 188	3 096
SPAIN	55 949	...	252	1 083	7 776	14 452	12 617	11 607	4 672	3 480	...	...	...
SWITZERLAND	41 636	...	217	374	1 790	8 838	19 650	9 065	905	251	...	...	...
YUGOSLAVIA	1 116 896	...	36 027	82 175	402 584	467 381	101 043	20 045	104	193	411	401	6 526
OCEANIA (1)	73	-	8	19	21	4	1	3	17	...	...	...	-
TUVALU	73	-	8	19	21	4	1	3	17	...	...	...	-

1/ Holdings with sales of US\$2 500 and over. 2/ Including 10 827 horses on holdings of size not reported.

TABLE 7.11 Males by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of males	Under 1 ha	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	Holdings without land
TOTAL (10)	2 163 350	66 705	138 361	234 076	242 046	262 281	356 316	223 725	182 149	196 987	107 861	145 454	7 389
NORTH AND CENTRAL AMERICA (1)	23 200	1 421	2 118	3 456	2 814	2 856	3 611	1 889	1 452	1 246	674	351	1 312
EL SALVADOR	23 200	1 421	2 118	3 456	2 814	2 856	3 611	1 889	1 452	1 246	674	351	1 312
SOUTH AMERICA (3)	1 800 839	33 873	55 325	149 112	165 210	225 763	335 365	217 404	178 493	193 240	105 248	141 616	190
BRASIL	1 618 410	19 607	40 751	116 400	138 158	200 456	312 223	206 675	170 665	185 466	100 444	127 565	...
PERU	123 521	13 906	13 410	28 247	21 894	16 921	13 566	5 079	3 330	2 584	1 061	3 523	...
VENEZUELA	58 908	360	1 164	4 465	5 156	8 386	9 576	5 650	4 498	5 190	3 743	10 528	190
ASIA (2)	39 469	3 931	5 266	5 725	7 438	8 145	6 264	826	177	85	-	32	1 580
IRAQ	39 426	3 931	5 266	5 685	7 438	8 145	6 261	826	177	85	-	32	1 580
SAUDI ARABIA, Kingdom of	43	-	-	40	-	-	3	...	-	-	-	-	...
EUROPE (4)	299 842	27 480	75 652	75 783	66 584	25 517	11 076	3 606	2 027	2 416	1 939	3 455	4 307
GREECE	181 200	15 400	60 480	45 640	44 390	9 800	1 080	220	...	-	-	-	4 200
HUNGARY	447	184	45	22	4	...	-	-	1	1	3	172	15
PORTUGAL	92 986	7 650	10 119	21 506	17 664	13 709	9 200	3 386	2 026	2 415	1 936	3 283	92
YUGOSLAVIA	25 209	4 246	5 008	8 645	4 536	2 068	796	...	-	-	-	-	...

1/ Excluding 930 males on holdings of size not reported.

TABLE 7.12 - Asses by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of asses	Under 1 ha	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	Holdings without land
TOTAL (11)	3 623 440	392 096	537 920	754 258	558 207	401 956	361 942	177 667	122 808	105 885	50 789	75 772	84 140
SOUTH AMERICA (4)	2 379 320	232 501	282 191	499 269	302 845	252 763	294 137	168 282	118 795	104 304	48 131	73 189	2 913
BRAZIL 1/	1 417 669	69 043	131 741	233 595	160 511	166 375	234 835	146 010	105 783	91 176	39 381	39 219	...
PERU	714 849	157 738	129 773	211 905	106 735	54 614	30 640	8 395	4 239	3 052	1 523	6 245	...
SURINAME	232	20	49	80	46	22	10	2	3	-	-	-	...
VENEZUELA	246 570	5 700	20 628	53 689	35 553	31 752	28 652	13 885	8 770	10 076	7 227	27 725	2 913
ASIA (3)	567 734	54 987	56 997	76 189	117 519	113 091	57 214	7 424	3 197	758	1 925	...	78 433
BAHRAIN	206	21	33	76	39	19	15	3	...	-	-	-	...
IRAQ	456 521	18 421	38 369	55 130	103 185	102 134	50 561	5 895	1 710	758	1 925	...	78 433
SAUDI ARABIA, Kingdom of	111 007	36 545	18 595	20 983	14 295	10 938	6 638	1 526	1 487	...	-	-	...
EUROPE (4)	676 386	104 608	198 732	178 800	137 843	36 102	10 591	1 961	816	823	733	2 583	2 794
GREECE	377 780	42 900	135 360	84 860	93 560	15 900	2 420	340	...	-	-	-	2 440
HUNGARY	3 184	1 095	150	52	4	-	1	-	1	5	96	1 607	173
PORTUGAL	156 869	27 356	30 768	48 201	24 578	14 067	6 851	1 621	815	818	637	976	181
YUGOSLAVIA	138 553	33 257	32 454	45 687	19 701	6 135	1 319	...	-	-	-	-	...

1/ Excluding 2 780 asses on holdings of size not reported.

TABLE 7.13 - Number of sheep and production of wool

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Number of holdings reporting sheep	Total number of sheep	Number of sheep under 1 year	Number of sheep 1 year of age and over			Wool	
					Total	Male	Female	Number of sheep clipped	Production in m.t.
<u>TOTAL</u> (38)		...	399 047 655	104 840 054	294 207 601	...	...	...	...
<u>AFRICA</u> (13)		...	35 407 529	8 108 208	27 299 321	...	...	...	...
CAMEROON	1972/73	...	1 219 826	390 312	829 514	...	...	...	...
CENTRAL AFRICAN REPUBLIC	1973/74	...	70 612	15 934	54 678	...	...	...	...
CHAD	1972/73	...	556 985	192 644	364 341	...	...	...	...
CONGO	1972/73	12 439	47 910	17 431	30 479	...	...	...	...
GHANA	1970	184 200	1 315 200	...	1 315 200	430 600	884 600	...	...
IVORY COAST	1973/74	148 788	723 477	206 078	517 399	131 668	385 731	...	...
LESOTHO	1970	54 289	1 655 128	...	1 655 128	501 274	1 153 854	...	...
SIERRA LEONE ^{1/}	1970/71	17 570	47 015	20 171	26 845	8 666	18 179	...	...
SOUTH AFRICA ^{2/}	1970/71	...	28 574 569	6 829 165	21 745 404	5 386 153	16 359 251	...	...
SWAZILAND ^{2/}	1972	2 026	30 587	6 451	24 136	9 642	14 494	...	...
TOGO	1970	...	402 234	148 787	253 447	63 257	190 190	...	...
ZAIRE	1970	...	686 685	260 035	426 650	...	...	...	...
ZAMBIA	1970/71	62 200	77 300	21 200	56 100	...	...	...	...
<u>NORTH AND CENTRAL AMERICA</u> (3)		...	25 533 735	9 017 645	16 516 090	...	...	...	...
CANADA	1971	14 090	860 789	401 111	459 678	...	...	...	...
MEXICO	1970	...	4 903 831	1 460 287	3 443 544	884 012	2 559 532	...	4 286
UNITED STATES ^{1/}	1969	123 345	19 769 115	7 156 247	12 612 868	590 647	12 022 221	...	...
<u>SOUTH AMERICA</u> (3)		...	37 535 802	11 157 664	26 378 138	7 903 181	18 474 957	...	109 760
BRAZIL	1970	374 749	17 643 044	4 340 987	13 302 057	4 173 968	9 128 089	...	33 617
PERU	1971/72	668 718	...	...	...	...	...	...	7 020
URUGUAY	1970	37 357	19 892 758	6 816 677	13 076 081	3 729 213	9 346 868	...	69 123
<u>ASIA</u> (6)		...	14 480 783	3 210 252	11 270 531	852 747	10 417 784	...	...
BAHRAIN	1973/74	76	2 043	441	1 602	538	1 064	...	...
IRAQ	1971	233 870	4 736 113	585 086	4 151 027	190 182	3 960 845	...	5 232
JORDAN	1975	11 060	569 479	140 962	428 517	21 206	407 311	...	...
KUWAIT	1969	115	7 205	1 045	6 160	1 010	5 150	...	8
PAKISTAN	1971-72-73	...	7 931 238	2 182 573	5 748 665	478 086	5 270 579	...	...
SAUDI ARABIA, Kingdom of	1972	55 135	1 234 705	300 145	934 560	161 725	772 835	...	...
<u>EUROPE</u> (11)		...	47 417 987	21 211 937	26 206 050	...	...	...	...
BELGIUM	1970	12 815	113 349	46 065	67 284	5 069	62 215	...	...
CZECHOSLOVAKIA	1971	120 285	980 781	156 195	824 586	...	...	...	...
FINLAND	1969	...	158 863	83 115	75 748	...	...	...	...
HUNGARY ^{1/}	1972	10 685	2 271 167	676 410	1 594 757	88 416	1 506 341	...	8 286
IRELAND ^{2/}	1970	...	2 188 075	1 823 976	364 099	...	...	...	...

(continued)

See footnotes at end of table.

TABLE 7.13 - Number of sheep and production of wool (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Number of holdings reporting sheep	Total number of sheep	Number of sheep under 1 year	Number of sheep 1 year of age and over			Wool	
					Total	Male	Female	Number of sheep clipped	Production in m. t.
EUROPE (cont'd)									
MALTA	1969	3 451	8 820	1 144	7 676	120	7 556	...	...
NETHERLANDS	1970	19 847	574 702	313 829	260 873	...	...	...	...
NORWAY	1971	69 310	1 840 755	1 002 896	837 859	...	...	...	...
SWEDEN	1971	9 497	339 609	190 694	148 915	...	...	...	...
UNITED KINGDOM	1970	95 849	26 079 929	11 942 891	14 137 038	...	...	...	...
YUGOSLAVIA	1969	791 351	12 861 937	4 974 722	7 887 215	...	...	...	...
OCEANIA (2)		142 327	238 671 819	52 134 348	186 537 471	50 058 646	136 478 825	77 479 889	1 054 226
AUSTRALIA	1970/71	105 515	177 789 100	38 442 700	139 346 400	47 445 700	91 900 700	1 912 530	794 675
NEW ZEALAND	1972	36 812	60 882 719	13 691 648	47 191 071	2 612 946	44 578 125	75 567 359	259 551

1/ Small holdings. 2/ Excluding 851 213 heads owned by non holders. 3/ Subsistence sector. 4/ Data refer to holdings with sales of US \$ 2 500 and over.
 5/ Excluding 1 894 178 sheep kept for breeding. 6/ Data only for holdings 0,5 ha and over.

TABLE 7.14 - Sheep by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of sheep	Holdings without land	Under 1 ha	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
TOTAL (33)	322 223 780	2 221 903	7 101 130	4 851 098	12 212 684	12 601 606	9 783 431	12 516 013	13 936 481	20 687 179	47 490 402	49 667 309	129 154 544
AFRICA (4)	4 724 577	1 194 917	155 846	188 026	549 087	730 569	805 920	716 836	226 962	89 762	54 262	854	11 536
ALGERIA	4 678 203	1 194 917	150 518	176 162	544 003	722 258	805 710	716 157	226 283	88 272	53 923	...	-
SWAZILAND 1/	30 587	...	5 328	11 864	5 084	8 311	...	499	259	950	229	364	6 616
ZAIRE 2/	8 917	...	...	...	...	...	...	180	420	420	110	490	4 920
ZAMBIA 3/	6 870	...	...	...	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (3)	20 633 969	112	2 584	501	21 230	62 503	186 737	1 038 542	2 272 300	3 191 037	3 605 368	2 364 725	7 888 330
CANADA	860 789	...	2 363	298	1 193	2 983	8 652	69 214	215 995	225 211	145 152	189 728	...
EL SALVADOR	4 065	...	203	268	1 193	2 133	163	641	317	459	621	394	453
UNITED STATES 4/	19 769 115	...	-	-	19 769	59 307	177 922	968 687	2 095 988	2 965 367	3 459 595	2 174 603	7 887 877
SOUTH AMERICA (5)	50 506 633	4 457	2 836 742	1 807 482	2 982 801	1 881 131	1 632 805	2 545 653	2 473 804	3 205 784	5 844 597	5 983 440	19 307 937
BRAZIL 5/	17 607 634	...	92 424	178 578	476 571	494 102	723 308	1 532 469	1 477 768	1 731 048	2 749 411	2 395 654	5 756 301
PERU 6/	12 813 454	...	2 720 867	1 599 268	2 452 241	1 328 275	792 281	657 154	360 910	296 423	336 683	228 886	2 040 466
SURINAME	2 837	...	193	423	962	727	145	111	31	98	137	10	-
URUGUAY	19 892 758	...	23 258	3 818	19 044	42 009	97 361	342 225	625 289	1 170 458	2 744 590	3 349 014	11 498 950
VENEZUELA	189 950	4 457	...	25 395	33 983	16 018	19 710	13 694	9 806	7 757	13 776	9 876	12 220
ASIA (5)	13 911 381	662 824	2 637 614	938 595	2 560 984	2 736 217	2 187 075	1 497 072	332 761	177 614	88 510	92 115	-
BAHRAIN	2 043	...	29	194	651	353	189	586	41	...	...	...	...
IRAQ	4 736 113	662 633	81 125	221 440	381 804	968 019	1 098 469	865 268	179 968	96 762	88 510	92 115	...
KOREA, Republic of	7 282	191	3 017	1 627	2 447	...	-	-	-	-	-	-	-
PAKISTAN	7 931 238	...	2 210 150	526 703	1 965 086	1 631 401	960 657	526 573	110 668	80 852	...	...	...
SAUDI ARABIA, Kingdom of	1 234 705	...	343 293	188 631	210 996	136 444	127 760	104 645	42 084	...	...	...	...
EUROPE (15)	54 658 120	359 593	1 467 544	1 914 194	6 079 482	7 147 086	4 865 994	6 136 110	6 943 354	7 428 282	4 834 065	2 274 275	5 208 141
AUSTRIA	113 653	...	1 095	2 044	4 086	6 152	16 654	39 596	24 118	12 677	7 231	...	...
AUSTRIA	113 349	1 741	32 391	10 749	13 633	10 174	11 221	26 520	4 615	2 305	...	...	...
BELGIUM	980 781	42 423	233 370	14 898	19 944	25 765	4 645	6 310	1 268	5 008	90 484	200 641	336 025
CZECHOSLOVAKIA	158 863	...	...	6 566	22 452	49 309	48 567	24 516	6 043	1 410	...	...	...
FINLAND	970 519	...	40 031	43 340	94 370	104 325	152 396	226 441	138 389	171 227	...	...	...
GERMANY, Federal Republic of	2 271 167	15 723	67 804	16 336	18 236	7 975	1 228	460	939	1 038	8 130	60 433	2 072 865
HUNGARY	6 050 974	295 581	187 970	234 589	600 161	608 758	662 765	1 032 956	926 334	1 501 860	...	...	...
ITALY	3 460	...	38	587	789	278	302	1 043	423	...	...	...	...
LUXEMBOURG	574 702	4 125	3 999	8 978	27 093	51 606	170 918	264 689	34 445	8 849	...	...	...
NETHERLANDS	1 873 940	...	74 349	148 922	612 605	680 644	279 993	66 076	11 351	...	...	...	...
NORWAY	2 009 940	...	84 296	99 143	345 211	687 514	624 680	152 503	16 593	...	...	...	...
POLAND	339 609	...	1 797	37 416	37 098	55 818	70 231	88 646	39 839	38 764	...	...	...
SWEDEN	255 297	...	49 874	31 534	45 308	43 207	44 220	24 072	7 944	1 644	...	...	...
SWITZERLAND	26 079 929	...	39 648	85 515	306 447	406 357	856 649	3 747 949	5 729 843	5 674 111	4 718 036	2 001 590	2 513 784
UNITED KINGDOM	12 861 937	...	650 882	1 203 577	3 932 049	4 409 204	1 921 525	434 333	1 210	3 539	8 540	11 611	285 467
YUGOSLAVIA	177 789 100	...	800	2 300	19 100	44 100	104 900	581 800	1 687 300	6 594 700	33 063 600	38 951 900	96 738 600
COSENTA (1)	177 789 100	...	800	2 300	19 100	44 100	104 900	581 800	1 687 300	6 594 700	33 063 600	38 951 900	96 738 600
AUSTRALIA	177 789 100	...	800	2 300	19 100	44 100	104 900	581 800	1 687 300	6 594 700	33 063 600	38 951 900	96 738 600

1/ Subsistence sector. 2/ Modern sector. 3/ Commercial sector. 4/ Holdings with sales of US \$2 500 and over. 5/ Excluding 35 410 sheep on holdings of size not reported. 6/ Excluding 15 453 sheep on holdings of size not reported.

TABLE 7.15 - Number of goats by age

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Number of holdings reporting goats	Total number of goats	Number of goats under 1 year	Number of goats 1 year of age and over		
					Total	Male	Female
TOTAL (23)		...	33 770 593	9 603 805	24 166 788	...	...
AFRICA (11)		...	10 311 866	2 910 293	7 401 573	...	...
CAMEROON	1972-73		1 706 486	559 717	1 146 769	...	...
CENTRAL AFRICAN REPUBLIC	1973-74		694 426	262 090	432 336	...	...
CHAD	1972-73		1 446 960	539 132	907 828	...	...
CONGO	1972-73	24 967	94 010	35 916	58 094	...	...
GHANA	1970	220 100	1 356 000	-	1 356 000	439 300	916 700
IVORY COAST	1973-74	127 770	566 150	168 365	397 785	97 921	299 864
LESOTHO	1970	54 353	973 767	-	973 767	294 100	679 667
SIERRA LEONE 1/	1970-71	26 919	111 821	48 000	63 821	24 074	39 747
TOGO	1970	-	467 304	206 035	261 269	59 506	201 763
ZAIRE	1970	-	2 322 042	867 938	1 454 104	...	...
ZAMBIA	1970-71	62 200	572 900	223 100	349 800	...	...
NORTH AND CENTRAL AMERICA (1)		...	9 191 655	2 355 091	6 836 564	1 166 721	5 669 843
MEXICO	1970	...	9 191 655	2 355 091	6 836 564	1 166 721	5 669 843
ASIA (6)		...	13 331 043	4 201 043	9 130 000	958 995	8 171 005
BAHRAIN	1973-74	56	901	263	638	86	552
IRAQ	1971	162 516	1 521 748	286 105	1 235 643	65 861	1 169 782
KUWAIT	1969	113	1 388	393	995	123	872
PAKISTAN	1971-72-73	...	10 077 037	3 391 067	6 685 970	513 351	6 172 619
PHILIPPINES	1971	259 919	893 110	353 551	539 559	269 513	270 046
SAUDI ARABIA, Kingdom of	1972	50 106	836 859	169 664	667 195	110 061	557 134
EUROPE (5)		...	936 029	137 378	798 651	...	...
CZECHOSLOVAKIA	1971	223 532	284 864	27 714	257 150	...	...
MALTA	1969	3 226	18 650	2 256	16 394	222	16 172
NETHERLANDS	1970	4 422	10 675	4 874	5 801	...	...
NORWAY 2/	1971	3 692	91 160	19 236	71 924	...	...
PORTUGAL	1968	113 026	530 680	83 298	447 382	65 408	381 974

1/ Small holdings. 2/ Excluding 510 goats in holdings with less than 0.5 ha of agricultural area.

TABLE 7.16 - Cattle, by size of holdings

Countries by continents (number of reporting countries is given in parenthesis)	Total number of cattle	Under 1 ha.	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.	Holdings without land
AFRICA (27)	27 672 085	5 680 379	2 425 972	5 004 889	3 704 970	2 623 434	2 426 745	1 127 403	1 126 293	955 051	537 520	1 225 599	832 930
AFRICA (4)	1 787 991	145 566	247 424	322 051	331 944	238 341	145 059	29 939	9 321	2 500	485	4 296	309 653
ALGERIA	1 505 835	96 408	113 009	282 562	282 744	237 865	144 970	29 111	7 497	1 911	...	...	309 655
REUNION	37 023	23 140	4 230	6 940	1 730	453	...	...	...	...	...	...	...
SWAZILAND 1/	235 952	25 195	130 195	32 549	47 470	...	...	...	...	...	...	...	...
TANZANIA 2/	9 111	...	...	...	...	...	1 069	828	1 824	589	485	4 296	...
NORTH AND CENTRAL AMERICA (2)	2 258 666	2 509	2 101	4 354	7 777	20 894	110 875	234 121	337 483	393 770	247 323	897 096	263
EL SALVADOR	10 572	2 609	2 101	2 106	3 033	561	718	319	299	354	33	106	263
UNITED STATES 3/	2 248 094	...	...	2 248	6 744	20 233	110 157	233 802	337 214	393 416	247 290	896 990	...
SOUTH AMERICA (4)	8 852 496	884 651	895 450	1 522 865	950 665	855 323	1 132 814	716 163	558 375	516 491	250 824	259 600	309 265
BRASIL 4/	5 695 081	246 748	436 737	828 130	591 113	615 553	929 633	642 613	511 290	461 040	209 625	223 599	...
PERU	1 873 703	569 141	320 111	492 006	229 479	121 072	69 898	27 372	13 151	12 667	5 043	13 758	...
URUGUAY	3 998	432	758	1 522	780	261	103	22	31	63	6	...	...
VENEZUELA	1 278 714	68 330	137 054	201 207	129 293	118 417	133 180	46 156	33 903	42 721	36 145	22 243	309 265
ASIA (5)	12 568 191	4 174 892	1 061 520	2 746 927	2 130 390	1 329 384	877 728	49 502	24 194	18 132	15 025	...	140 497
BAHRAIN	901	6	130	160	352	151	70	32	...	...	...	...	...
IRAQ	1 521 748	98 642	158 376	180 716	314 350	357 573	186 711	40 111	18 183	18 132	15 025	...	133 929
KOREA, Republic of	131 646	79 272	34 390	11 416	...	...	...	...	...	...	...	...	6 568
PAKISTAN	10 077 037	3 668 915	731 287	2 401 304	1 724 202	902 773	647 976	...	...	...	...	...	...
SAUDI ARABIA, Kingdom of	836 859	328 057	137 357	193 331	90 886	68 887	42 971	9 359	6 011	...	...	...	...
EUROPE (10)	2 203 161	472 108	219 125	408 429	283 842	179 327	159 102	97 430	196 920	25 158	23 863	54 607	73 250
AUSTRIA	40 601	7 764	9 124	9 261	4 507	3 523	3 032	1 533	984	873	...	...	...
BELGIUM	3 860	1 462	475	460	425	507	395	54	22	...	...	...	...
CZECHOSLOVAKIA	284 864	241 581	9 050	4 571	2 363	329	447	6	30	581	1 030	453	24 423
HUNGARY	36 123	10 916	1 416	696	87	2	5	...	10	53	914	21 068	1 026
ITALY	883 767	52 824	65 152	145 245	111 575	99 718	104 321	78 963	180 727	...	...	...	45 282
NETHERLANDS	10 675	453	507	1 260	1 842	3 481	2 552	145	274	...	...	...	161
NORWAY	91 670	1 758	3 520	38 548	41 718	5 384	612	130	...	...	...	...	...
PORTUGAL	530 680	84 892	69 794	109 297	66 088	42 287	36 134	16 391	14 838	23 636	21 919	43 066	2 318
SWITZERLAND	51 901	10 548	7 240	11 877	11 034	8 373	2 571	208	35	15	...	...	...
YUGOSLAVIA	268 930	59 910	52 847	87 214	44 203	15 723	9 033	...	...	...	...	...	...
OCEANIA (2)	1 590	153	272	263	352	165	137	248	...	...	...	...	...
GUAM	458	76	91	48	55	110	39	39	...	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1 132	77	181	215	297	55	98	209	...	...	...	...	...

1/ Subsistence sector. 2/ Modern sector. 3/ Holdings with sales of US \$2 500 and over. 4/ Excluding 12 912 cattle in holdings of size not reported.

TABLE 7.17 - Number of pigs by age

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Number of holdings reporting pigs	Total number of pigs	Pigs under 6 months of age	Pigs 6 months of age and over	
					Sows and gilts for breeding	All other pigs
TOTAL (42)		...	129 304 879	56 360 597	72 944 282	
AFRICA (10)		...	1 653 893	881 105	772 788	
CAMEROON ^{1/}	1972/73	...	415 053	201 368	213 685	
CENTRAL AFRICAN REPUBLIC ^{1/}	1973/74	56 730	102 570	54 551	48 019	
CHAD ^{1/}	1972/73	25 970	30 846	14 143	16 703	
CONGO ^{1/}	1972/73	8 201	35 004	17 264	17 740	
KENYA ^{2/}	1974	89	17 700	10 800	1 900	5 000
SIERRA LEONE ^{3/}	1970/71	3 615	15 889	9 012	6 877	
SWAZILAND ^{1/}	1972	10 909	25 744	13 721	12 023	
TOGO	1970	73 200	146 709	70 900	75 809	
ZAIRE ^{1/}	1970	246 937	619 578	357 046	262 532	
ZAMBIA ^{1/}	1970/71	42 700	244 800	132 300	112 500	
NORTH AND CENTRAL AMERICA (8)		...	19 727 011	10 304 705	9 422 306	
CANADA	1 June '71	122 481	8 106 926	5 369 912	804 540	932 474
COSTA RICA	14, 19 May '73	36 565	215 792	108 046	107 746	
DOMINICAN REPUBLIC	1 Sept '71	176 221	876 203	482 262	132 604	261 337
EL SALVADOR	22 Aug '71	122 729	403 280	210 171	193 109	
HONDURAS	1974	108 947	512 349	324 740	187 609	
MEXICO	1 Feb '70	...	9 461 952	2 748 853	6 713 099	
PANAMA	16 May '71	35 509	149 611	60 252	52 366	36 993
VIRGIN ISLANDS (U.S.)	May '70	61	898	469		429
SOUTH AMERICA (2)		2 469 608	31 942 349	13 581 146	18 361 203	
BRAZIL	31 Dec '70	2 469 608	31 523 640	13 379 493	4 820 747	13 323 490
URUGUAY	30 June '70	...	418 709	201 743	216 966	
ASIA (4)		3 063 956	12 000 281	2 900 970	1 790 367	7 308 944
JAPAN	1 Feb '70	444 500	6 335 000	...	816 300	5 518 700
KOREA, Republic of	1 Dec '69	883 747	1 126 130	588 556	237 285	300 289
PHILIPPINES	1-24 Apr '71	1 411 494	3 902 748	2 106 234	657 241	1 139 273
SINGAPORE	1973	324 215	636 403	206 180	79 541	350 682
EUROPE (16)		4 606 388	60 179 530	26 273 345	7 034 338	26 871 847
AUSTRIA	1970	262 359	3 021 060	2 277 100	329 609	414 291
BELGIUM	15 May '70	83 742	3 727 772	...	613 604	3 114 168
CZECHOSLOVAKIA	1 Jan '71	833 483	5 529 558	2 908 852	606 199	2 014 507
DENMARK	3 July '70	118 263	3 289 849	2 318 510	988 782	4 982 557
FINLAND	15 June '69	45 279	756 857	637 580	78 028	41 249
FRANCE	1 Sept -					
	1 April '71	655 550	10 703 240	...	1 131 943	9 571 297
GREECE	14 Mar '71	160	17 600	11 800	5 140	660
HUNGARY	31 Mar '72	368 968	7 353 499	4 595 157	592 709	2 165 633
LUXEMBOURG	15 May '70	4 765	103 428	...	16 056	87 372
MALTA	28 Sept '69	1 141	31 290	14 993	5 202	11 095
NORWAY ^{5/}	20 June '69	49 970	621 317	523 442	78 163	19 712
PORTUGAL	2 Sept '68	520 583	1 514 652	692 047	148 556	674 049
SWEDEN	24 June '71	56 774	2 363 737	1 074 945	259 127	1 029 665
SWITZERLAND	30 June '69	83 196	1 563 650	1 208 763	153 595	301 292
UNITED KINGDOM	1970	85 532	8 088 182	5 841 204	953 077	1 293 901
YUGOSLAVIA	24, 30 Apr '69	1 436 623	6 393 899	4 168 952	1 074 548	1 150 399
OCEANIA (2)		44 794	3 601 815	2 419 326	433 576	948 211
AUSTRALIA	1970/71	37 768	2 527 330	1 681 800	366 900	538 600
NEW ZEALAND	30 June '72	7 026	1 214 515	737 526	66 678	410 311

1/ Traditional sector. 2/ Large farms. 3/ Small holdings. 4/ Excluding 53 498 pigs in holdings with less than 1 ha of arable land. 5/ Excluding 8 368 holdings, reporting 36 554 pigs, with less than 0.5 ha of agricultural area.

TABLE 7.18 - Holdings with pigs by number of pigs per holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of pigs	Number of holdings reporting	Number of holdings reporting										500 head and over
			1 head	2 head	3 to 4 head	5 to 9 head	10 to 19 head	20 to 49 head	50 to 99 head	100 to 199 head	200 to 499 head		
TOTAL (22)	145 447 988	7 272 921	1 944 275	1 524 122	1 128 348	1 032 055	597 213	722 352	174 096	91 016	43 768	15 676	
AFRICA (2)	83 517	57 174	40 808	8 514	6 944	470	438	...	...	...	...	...
LESOTHO	66 026	55 416	40 522	8 225	6 669	...	...	...	...	...	...	...
LIBERIA	17 491	1 758	286	289	275	470	438	...	...	...	...	...
NORTH AND CENTRAL AMERICA (3)	63 625 757	820 762	...	13 558	147 087	83 456	128 584	407 120	14 663	15 978	8 561	1 755	
CANADA	8 106 926	122 481	...	13 558	18 941	12 093	7 720	29 212	14 663	15 978	8 561	1 755	
PUERTO RICO	64 003	12 184	...	...	10 364	996	586	238	...	...	...	...
UNITED STATES	55 454 828	686 097	...	...	117 782	70 367	120 278	377 670	...	...	...	...
SOUTH AMERICA (1)	1 597 403	147 249	30 692	29 422	30 209	33 759	13 372	7 309	1 447	412	224	403	
VENEZUELA	1 597 403	147 249	30 692	29 422	30 209	33 759	13 372	7 309	1 447	412	224	403	
ASIA (2)	7 461 130	1 197 851	767 130	87 194	18 817	237 661	40 471	28 533	10 374	6 169	9 99	553	
JAPAN	6 335 000	1/314 104	...	...	...	230 370	37 720	28 101	10 282	6 129	9 99	553
KOREA, Republic of	1 126 130	883 747	767 130	87 194	18 817	7 291	2 751	432	92	40	...	...
EUROPE (13)	70 092 881	5 012 117	1 104 378	1 383 893	923 401	673 531	409 323	269 133	139 683	64 076	32 147	12 552	
AUSTRIA	3 021 000	2/253 428	27 301	54 660	57 374	54 425	45 271	10 275	2 935	863	304	...	
CZECHOSLOVAKIA	5 529 558	833 483	518 802	291 993	14 449	1 921	160	132	388	855	2 117	2 666	
FINLAND	8 289 819	118 203	...	...	...	12 272	13 556	34 709	31 511	19 650	6 115	449
FRANCE	810 355	45 279	...	...	...	123 548	5 031	3 287	1 053	504	205	45
GERMANY, Fed Rep of	19 897 960	751 093	...	129 505	107 868	123 548	428 288	157 595	66 758	26 964	8 342	2 225	
HUNGARY	7 343 499	368 968	80 288	111 272	85 302	55 034	28 168	6 105	269	141	333	2 056	
ITALY	5 928 297	924 819	...	728 990	...	124 125	38 104	21 549	5 119	...	5 661	1 271	
LUXEMBOURG	103 428	4 765	...	...	1 385	896	1 048	1 011	283	89	53	...
NORWAY	657 871	3/49 970	...	...	6 177	4 806	4 602	4 710	2 037	742	238	...
SWEDEN	2 355 333	4/56 698	...	17 638	...	10 811	9 836	...	13 204	3 681	1 011	517	
SWITZERLAND	1 663 650	83 196	9 644	18 794	14 038	14 237	10 972	9 733	3 004	1 414	1 063	297	
UNITED KINGDOM	8 088 182	85 532	4 045	4 383	4 530	7 060	13 482	20 027	13 122	9 173	6 684	3 026	
YUGOSLAVIA	6 393 899	1 436 623	464 298	...	604 312	257 208	110 805	...	...	...	...	...
OCEANIA (1)	2 587 300	37 768	1 267	1 541	1 890	3 178	5 025	10 257	7 929	4 381	1 887	413	
AUSTRALIA	2 587 300	37 768	1 267	1 541	1 890	3 178	5 025	10 257	7 929	4 381	1 887	413	

1/ Number of holdings by size of number of pigs for fattening. 2/ Excluding sucklings. 3/ Excluding 8 368 holdings with less than 0.5 ha of agricultural area. 4/ Excluding 76 holdings with less than 2 ha of arable land.

TABLE 7.19 - Pigs by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of pigs	Under 1 ha	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	Holdings without land
TOTAL (34)	193 534 317	7 601 033	5 640 083	13 394 070	18 988 694	26 479 138	30 694 127	16 962 733	15 600 019	14 891 874	9 856 383	31 170 340	2 255 823
AFRICA (4)	133 277	35 107	22 734	14 040	7 073	1 256	4 477	293	994	1 592	1 822	23 689	20 300
REUNION	74 336	30 080	9 555	10 745	2 830	926	...	...	...	...	...	...	20 200
SHAZILAND	25 744	5 027	13 179	3 295	4 243	...	...	...	...	...	...	10 889	...
ZAMBIA ^{2/}	16 967	...	...	...	...	330	4 460	113	684	472	792	10 889	...
ZAMBIA ^{2/}	16 230	...	...	...	...	...	...	180	310	1 030	1 030	12 800	...
NORTH AND CENTRAL AMERICA (5)	62 778 375	231 282	177 956	307 687	340 698	696 921	3 558 566	8 134 574	10 196 583	10 860 804	6 882 052	21 366 880	24 372
CANADA	8 106 926	57 022	3 467	13 865	34 663	100 523	804 185	2 509 612	2 130 907	1 469 158	983 524	...	...
COSTA RICA	215 792	18 541	10 531	22 860	20 190	22 051	45 267	27 657	18 782	10 931	3 610	2 169	13 203
EL SALVADOR	403 280	112 010	91 392	87 809	37 940	25 380	21 402	7 060	3 776	1 865	2 709	768	11 169
HONDURAS	512 349	43 709	72 566	129 613	87 285	67 107	64 250	22 082	12 114	9 245	2 806	1 472	...
UNITED STATES ^{3/}	53 540 028	-	-	53 540	160 620	481 860	2 623 482	5 568 163	8 031 004	9 369 505	5 889 403	21 362 471	...
SOUTH AMERICA (4)	34 731 979	1 561 536	1 881 508	3 749 265	3 909 742	6 243 856	8 320 889	3 368 780	2 152 058	1 856 756	784 095	870 423	33 071
BRASIL ^{4/}	31 421 153	1 031 050	1 427 617	2 984 438	3 460 871	5 925 298	8 044 185	3 223 243	2 093 277	1 774 752	731 491	764 931	...
PERU ^{4/}	1 704 065	387 881	274 324	441 739	255 388	156 954	104 981	38 748	25 768	9 523	2 874	5 455	...
SURINAME	9 358	756	1 154	2 421	2 202	380	1 608	413	93	298	18	...	15
VENEZUELA	1 597 403	141 849	178 413	320 667	191 281	161 224	170 115	106 375	72 920	71 793	49 712	100 037	33 056
ASIA (1)	1 126 130	644 600	316 751	130 685	...	...	...	...	...	...	...	...	34 094
KOREA, Republic of	1 126 130	644 600	316 751	130 685	...	...	...	...	...	...	...	...	34 094
EUROPE (17)	92 160 278	5 124 321	3 233 226	9 133 555	14 644 024	19 435 421	18 590 800	5 120 777	2 831 484	1 577 822	1 802 714	8 522 048	2 144 086
AUSTRIA	3 021 000	27 554	60 824	211 716	404 364	950 508	1 120 190	135 322	43 661	66 861	...	...	...
BELGIUM	3 727 772	302 034	176 991	402 610	872 164	1 147 596	545 955	68 198	12 799	...	...	...	199 425
CZECHOSLOVAKIA	5 529 558	924 727	36 322	57 049	45 184	5 781	7 853	517	40 801	629 613	1 396 363	2 193 271	192 077
DENMARK	8 289 849	3 449	17 100	123 149	768 053	2 209 227	3 846 762	996 078	326 031	...	...	...	...
FINLAND	810 355	53 498	7 659	38 804	124 068	282 848	233 099	47 064	23 315	...	...	...	...
GERMANY, Federal Republic of	19 897 960	285 168	279 601	952 886	2 182 265	6 125 489	7 987 405	1 631 943	473 203	...	...	...	...
HUNGARY	7 353 499	1 117 882	129 432	80 611	24 046	5 761	5 761	61 312	4 648	21 760	179 723	5 532 999	193 732
ITALY	5 928 297	362 015	445 120	1 001 533	862 511	733 194	564 506	266 711	383 024	...	...	...	1 309 683
LUXEMBOURG	103 428	1 134	445 870	3 798	5 567	18 273	60 482	13 304	...	...	...	...	...
NETHERLANDS	5 533 295	222 482	232 306	595 115	1 531 239	2 179 212	511 616	15 479	2 591	...	...	...	243 255
NORWAY	657 871	20 758	41 577	86 982	188 468	189 400	113 626	17 060	...	...	...	...	...
POLAND	11 291 678	352 135	572 004	2 318 431	4 370 118	3 216 661	448 148	14 181	...	...	...	...	...
PORTUGAL	1 514 652	331 595	234 493	340 842	173 921	105 076	66 076	30 465	27 364	42 211	43 477	113 218	5 914
SPAIN	2 355 333	14 528	59 975	38 321	147 138	469 619	947 461	408 742	269 549	...	...	...	...
SWITZERLAND	1 663 050	483 576	66 899	119 833	269 993	448 140	227 815	31 555	12 339	3 500	...	...	...
UNITED KINGDOM	8 088 182	248 532	336 276	689 773	562 133	869 959	1 823 131	1 372 139	1 199 752	785 009	147 710	53 758	...
YUGOSLAVIA	6 393 899	393 254	535 777	2 072 102	2 112 792	482 835	80 914	10 707	12 407	28 868	35 441	628 802	...
OCEANIA (3)	2 604 278	4 187	7 908	58 638	87 157	101 684	219 395	338 309	418 900	594 900	385 700	387 300	...
AUSTRALIA	2 587 300	2 500	4 800	56 100	84 400	100 500	219 000	334 200	418 900	594 900	385 700	387 300	...
GUAM	4 348	1 455	1 325	445	416	164	307	236	...	...	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	12 630	232	1 793	2 293	2 341	1 020	1 088	3 673	...	...	...	...	...

^{1/} Modern sector. ^{2/} Commercial sector. ^{3/} Holdings with sales of US\$2 500 and over. ^{4/} Excluding 102 437 pigs in holdings of size not reported. ^{5/} Excluding 313 pigs in holdings of size not reported.

TABLE 1.20 - Number of poultry and rabbits

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Number of holdings reporting poultry	Number of holdings reporting poultry	Number of chickens under 6 months	Chickens		Ducks	Geese	Number of other poultry and rabbits			Rabbits and hares
					Number of chickens	Total			Laying hens	Turkeys	Pigeons		Guinea fowls
TOTAL (64)		...	...	2 309 197 162	...	...	...	...	...	...	...	...
AFRICA (15)		...	...	62 759 024	...	...	...	...	...	...	...	...
CAMEROON	1972/73	...	...	5 426 809	...	...	...	...	...	...	...	...
CENTRAL AMERICAN REPUBLIC	1973/74	...	...	1 229 805	...	...	...	...	...	...	...	...
COSTA RICA	1972/73	95 845	...	602 653	...	...	...	...	...	...	...	...
GHANA	1970	425 500	...	...	...	...	94 251	...	...	...	...	...
IVORY COAST 1/	1973/75	...	...	5 862 403	...	...	8 483	910	...	...	...	...
LESOTHO	1970	...	...	840 999	...	...	22 568	...	...	...	...	...
LIBERIA	1971	12 735	...	368 457	...	...	...	5 149	...	...	...	...
MALAWI	1965/69	...	...	3 686 300	...	...	...	1 333	...	...	...	...
MAURITIUS	1973	...	...	468 228	...	...	...	...	...	...	...	...
NEPAL	1970/71	...	...	1 281 983	718 830	...	45 944	...	...	...	...	...
SIERRA LEONE	1970	...	...	19 988 975	...	...	2/271 153	...	...	...	...	...
SOUTH AFRICA	1971/72	...	...	1 781 890	275 896	...	...	...	...	...	...	...
SWAZILAND	1970	...	...	1 474 216	...	...	...	...	...	...	...	...
TOGO	1970	...	...	14 174 216	...	...	...	...	...	...	...	...
ZAMBIA	1970	...	...	1/6 368 690	...	...	...	...	...	...	...	...
ZAMBIA	1970/71	3/428 000	...	...	...	...	...	...	...	...	...	...
ZAMBIA	1970/71	...	...	1 107 290 225	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (13)		...	...	716 295	...	...	...	...	...	...	...	...
BELIZE	1973/74	...	...	...	...	...	...	...	...	...	...	...
CANADA	1971	119 596	...	97 537 179	...	...	...	...	...	...	...	...
COSTA RICA	1973	66 504	...	3 793 259	2 115 042	...	...	...	...	...	...	...
CENTRAL AMERICAN REPUBLIC	1971	258 504	...	8 028 848	...	...	...	...	...	...	...	...
EL SALVADOR	1970/71	...	...	3 821 371	...	...	...	...	...	...	...	...
HONDURAS	1974	...	...	3 354 542	...	...	...	...	...	...	...	...
JAMAICA	1968/69	...	...	3 727 168	...	...	...	...	...	...	...	...
MEXICO	1970	...	...	106 212 454	55 648 427	...	...	...	...	...	...	...
PANAMA	1970	...	...	3 793 653	...	...	...	...	...	...	...	...
PUERTO RICO	1970	...	...	3 016 268	...	...	...	...	...	...	...	...
ST. LUCIA	1970	2 827	...	111 842	...	...	...	...	...	...	...	...
UNITED STATES	1969	...	...	683 131 247	512 122 788	...	...	...	...	...	...	...
VIRGIN ISLANDS (U.S.)	1969	79	...	15 659	2 825	...	...	...	...	...	...	...
SOUTH AMERICA (4)		...	...	239 801 780	...	...	...	...	...	...	...	...
BRAZIL	1970	3 273 204	...	213 622 503	...	...	...	...	...	...	...	...
PERU	1972	815 207	...	20 229 797	...	...	...	...	...	...	...	...
URUGUAY	1969	...	...	681 393	...	...	...	...	...	...	...	...
URUGUAY	1970	13 127	...	5 268 087	...	...	...	...	...	...	...	...
URUGUAY	1970	198 327	...	...	...	...	...	...	...	...	...	...

See footnotes at end of table.

(continued)

TABLE 7.20 - Number of poultry and rabbits (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Number of holdings reporting poultry	Number of holdings reporting chickens under 6 months	Chickens		Total	Laying hens	Ducks	Geese	Turkeys	Guinea fowls	Pigeons	Rabbits and hares
				Number of chickens	6 months and over								
ASIA (10)													
BAHRAIN	1974	28	170 788 182	...	...	...	45 630	...	...	...	...	...	...
INDONESIA 5/	1973	...	137 845	...	...	...	...	11 125 532	...	...	...	...	...
IRAQ	1971	...	84 410 566	...	...	...	...	...	...	...	...	...	...
JORDAN	1975	...	406 019	...	...	...	...	...	...	...	...	...	...
KOREA, Republic of	1970	...	32 190	1 875 537	494 048	...	...	...	...	...	...	458 607	...
KUWAIT	1979	...	23 632 717	...	...	...	78 242	...	...	402	...	...	516
PALESTINE	1972	...	84	...	...	...	7 401 122	...	...	...	...	...	...
PHILIPPINES	1971	...	38 092 079	21 877 424	16 214 655	...	9 317 127	1 605 852	48 029	35 389	...	104 582	...
SAUDI ARABIA, Kingdom of	1970	24 900	...	...	...	...	...	...	...	...	...	...	...
SINGAPORE	1973	...	6 465 821	...	...	...	...	1 701 407	...	...	...	...	...
EUROPE (18)													
AUSTRIA	1970	...	592 065 700	...	...	...	...	...	...	...	...	...	...
BELGIUM	1970	...	11 203 503	...	...	...	...	130 400	64 081	...	...	...	...
CZECHOSLOVAKIA	1970	1 489 120	36 460 538	...	...	...	14 096 186	141 829	17 186	240 531	175 703	...	173 635
DENMARK	1970	...	37 869 531	...	...	...	22 650 957	868 304	707 941	223 476	...	...	...
FINLAND	1969	...	68 900	11 449 822	6 386 869	...	...	537 945	179 531	503 797	...	...	...
FRANCE	1970	...	277 964 577	3 649 289	3 945 368	...	...	2 755	3 878	45 345	...	...	4 972 097
GERMANY, Federal Republic of	May 1971	...	111 973 747	...	...	...	60 450 329	...	2/2 023 450	...	...	...	...
GREECE	1971	...	90 823 687	...	...	...	11 963 245	...	1 880 187	1 201 530	156 511	...	1 799 936
HUNGARY	1972	...	35 307 430	...	...	...	24 302 340	...	153 186	534 492	...	...	...
IRELAND	1970	...	60 602 173	...	...	...	...	204 654	...	...	...	...	...
ITALY	1970	1 618 741	60 791 019	...	...	...	44 714 312	...	...	1 551	...	...	52 344
MALTA	1968/69	5 869	638 922	106 342	532 580	...	513 543	561	...	987 387	...	...	...
NETHERLANDS	1969/70	...	55 374 827	...	...	...	17 846 233	949 814	...	6 401	...	...	7 112
NORWAY	1969	...	6 092 201	...	...	...	...	1 917	...	513 991	...	...	...
PORTUGAL	1968	...	624 114	9 740 981	...	...	3 355 226	131 635	21 365	...	213 959	...	1 625 213
SWEDEN	1971	...	13 088 597	6 644 132	6 444 485	...	...	...	...	169 532	...	...	...
SWITZERLAND	1969	...	5 700 479	...	...	...	...	...	...	...	...	...	...
UNITED KINGDOM	1970	152 524	137 206 796	74 382 081	62 924 709	...	95 236 544	1 256 228	174 400	4 792 521	...	...	...
OCEANIA (4)													
AMERICAN SAMOA	1969	...	36 491 251	...	...	...	...	...	...	...	...	...	...
AUSTRALIA	1970/71	54 003	41 968	...	...	...	...	...	...	...	...	...	...
GUAM	1969	...	36 281 900	...	...	...	1, 189 306	445 200	...	602 560	...	...	...
PACIFIC ISLANDS (TRUST TERRITORY)	1969	...	126 636	...	...	...	...	...	...	...	...	...	...
		...	40 747	...	...	...	...	...	...	...	...	...	...

1/ Data refer to pullets only. 2/ Ducks and geese. 3/ Modern sector. 4/ Traditional sector. 5/ Commercial sector. 6/ Excluding geese. 7/ Excluding 204 578 chickens in holdings with less than 1 ha of arable land. 8/ Pigeons refer to laying hens only. 9/ Ducks, Geese, turkeys.

TABLE 7.21 - Chickens by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of chickens	Under 1 ha	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	Holdings without land
TOTAL (35)	1 341 839	111 903	71 204	130 529	106 434	120 030	150 660	133 725	102 139	96 178	72 940	204 910	41 187
AFRICA (4)	2 148	331	390	139	190	159	225	164	141	32	98	191	90
REUNION	468	207	56	55	61	...	-	-	-	-	-	-	90
SWAZILAND	670	124	334	84	129	...	167	24	19	22	2	68	...
ZAMBIA 1/	302	...	...	...	...	159	58	140	122	11	96	123	...
ZAMBIA 2/	708	...	...	...	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (4)	458 361	5 175	1 305	2 133	2 586	5 552	32 083	81 170	68 247	70 438	44 096	144 972	602
CANADA	87 537	3 402	60	238	595	1 726	13 810	43 096	13 657	6 819	4 134	...	...
COSTA RICA	3 793	539	404	741	559	343	305	250	85	17	8	15	505
EL SALVADOR	3 821	1 234	841	791	342	214	171	50	25	37	1	37	97
UNITED STATES 3/	363 209	-	-	363	1 090	3 269	17 797	37 774	54 481	63 562	39 953	144 920	...
SOUTH AMERICA (4)	253 456	16 807	17 978	38 437	35 928	43 393	49 625	21 253	12 813	10 861	3 583	2 729	48
BRAZIL 4/	213 387	10 640	12 358	29 942	30 820	37 879	45 848	18 987	11 658	9 584	3 245	2 426	...
PERU 5/	20 223	4 551	3 004	4 308	2 456	2 632	1 793	704	636	82	18	39	...
SURINAME	681	53	74	135	57	85	85	1	8	42	-	2	...
VENEZUELA 6/	19 164	1 564	2 542	4 053	2 596	2 656	1 899	1 561	510	1 153	320	262	48
ASIA (5)	60 124	13 623	8 945	7 621	3 872	981	445	217	369	2 947	6 566	1 051	13 486
BAHRAIN	138	71	30	10	25	-	-	2	-	-	-	-	...
IRAQ	11 861	236	388	416	3 183	651	337	84	149	73	3 339	...	3 003
ISRAEL 7/	24 112	3 358	3 345	4 476	620	292	74	120	208	2 874	3 227	1 051	4 467
KOREA, Republic of 6/	23 633	9 835	5 128	2 653	...	38	-	-	-	...	-	-	6 016
SAUDI ARABIA, Kingdom of 6/	381	123	53	66	43	-	-	11	12	...	-	-	...
EUROPE (14)	531 275	75 398	40 732	73 083	58 173	65 085	64 161	27 689	18 113	9 384	16 986	55 511	26 961
AUSTRIA	11 204	264	443	1 312	1 528	3 157	3 493	671	144	191	...	...	...
BELGIUM	26 461	5 822	2 438	4 042	4 083	3 026	909	77	26	...	...	...	6 037
CZECHOSLOVAKIA	37 570	11 317	508	577	569	454	617	121	812	1 580	4 207	9 673	7 136
FINLAND	7 769	205	283	798	1 721	2 632	1 797	252	82	...	...	...	...
GERMANY, Federal Republic of	90 824	17 564	2 678	6 562	9 644	16 821	23 872	8 613	5 070	...	...	...	...
GREECE	39 387	3 741	8 304	15 606	5 935	2 062	415	433	...	...	...	...	2 893
HUNGARY	60 603	12 178	1 276	583	107	5	1	4	26	241	1 572	43 097	1 513
NETHERLANDS	55 375	5 596	5 008	8 957	12 523	11 839	2 497	162	25	...	...	...	8 768
NORWAY	6 092	542	1 087	1 221	1 313	972	710	247	...	...	...	...	...
PORTUGAL	9 741	2 529	...	3 294	...	2 153	424	249	91	177	52	157	614
SWEDEN	13 089	923	3 810	759	1 215	1 902	2 393	1 041	1 045	...	...	...	...
SWITZERLAND	5 700	1 709	548	850	890	1 063	518	75	29	18	...	...	...
UNITED KINGDOM	137 207	8 622	10 939	19 297	11 720	17 408	25 360	15 487	10 748	7 010	10 300	316	...
YUGOSLAVIA 6/	30 254	4 383	3 410	9 224	6 924	1 591	1 156	258	15	168	855	2 268	...
OCEANIA (4)	36 475	570	1 855	9 117	5 685	4 860	4 121	3 231	2 456	2 515	1 610	455	...
AUSTRALIA	36 282	590	1 789	9 090	5 663	4 847	4 108	3 227	2 456	2 515	1 610	455	...
FIJI 6/	26	6	3	5	8	3	2	...	-	-	-	-	...
GUAM	127	41	51	12	6	7	7	2	...	-	-	-	...
PACIFIC ISLANDS (TRUST TERRITORY)	41	3	12	9	8	3	4	2	...	-	-	-	...

1/ Modern sector. 2/ Commercial sector. 3/ Holdings with sales of US \$2 500 and over. 4/ Excluding 235 000 chickens in holdings of size not reported.
 5/ Excluding 6 000 chickens in holdings of size not reported. 6/ Data refer to poultry. 7/ Data refer to poultry on family and collective farms excluding 270 000 poultry on other holdings.

8. WOOD AND FISHERY PRODUCTS

Wood and forest land comprised 9.3 percent of land in agricultural holdings for 89 countries included in the report, but very little information was provided on the production of woods and forest products on holdings in national census reports of agriculture.

The 1970 Programme suggested the enumeration of wood products obtained from agricultural holdings and of fishery products from the water areas located within the boundaries of agricultural holdings. The information should relate to total production of the holding whether for home consumption or for sale.

Census information on number of holdings reporting wood products and quantity produced was reported for only 5 countries. From data presented in Table 8.1 it appears that in these countries sawlogs and veneer logs are the most significant wood products on holdings and fuel wood in second. Pulpwood and christmas trees were produced on relatively small numbers of holdings and in rather small quantities. Data on production of charcoal was reported by Mexico.

Data relating to fishery output from holdings were supplied only by Hungary. In this country catch of aquatic animals reported by agricultural holdings amounted to about 28 923 m.t. of which 23 461 m.t. from artificial fishponds and 5 462 m.t. from natural waters.

TABLE 8.1 - Number of holdings reporting wood products and quantity produced

Countries by continents (number of reporting countries is given in parenthesis)	Fuelwood		Sawlogs and veneer logs		Pulpwood		Christmas trees		Charcoal	
	Number of holdings reporting	Quantity (cubic metres 1 000)	Number of holdings reporting	Quantity (cubic metres 1 000)	Number of holdings reporting	Quantity (cubic metres 1 000)	Number of holdings reporting	Quantity (metric tons 1 000)	Number of holdings reporting	Quantity (metric tons 1 000)
TOTAL (5)	11 012	9 815.5	23 305	286 777.7	34 274	3 096.3	2 278	1 240.2	-	44.6
NORTH AND CENTRAL AMERICA (3)	11 012	1 088.7	23 305	286 318.7	34 274	3 096.9	-	1 240.2	-	44.6
CANADA	4 411	345.0	6 044	285 540.0	14 028	2 719.6	2 278	1 240.2	-	-
MEXICO	-	1/743.7	-	1/778.7	-	1/377.3	-	-	-	1/44.6
UNITED STATES 2/	6 601	-	17 261	-	20 245	-	-	-	-	-
EUROPE (2)	-	8 726.8	-	459.0	-	-	-	-	-	-
FINLAND	-	7 990.8	-	-	-	-	-	-	-	-
HUNGARY 3/	-	736.0	-	459.0	-	-	-	-	-	-

1/ 1 000 metric tons. 2/ Data refer to holdings with sales of US \$2 500 and over. 3/ Socialist sector.

9. EMPLOYMENT IN AGRICULTURE

In many countries a large proportion of population and labour force is engaged in agricultural work and because of this there is a great need for information on the employment and labour input in agriculture.

The collection of information on employment in agricultural work and on labour inputs in agriculture is complicated by the fact that the agricultural work is subject to large seasonal variations. Furthermore, many persons engaged in agricultural operations, work on their holdings as well as on other holdings. Holders and members of their household very often perform work on a full-time job on their holdings and also on other holdings as part-time job, and considerable number of temporary and occasional workers may work on more than one holding and thus be counted more than once. In order to obtain reliable data on employment in agriculture separate periodical enquiries based on census frame should be carried out. The data on agricultural employment in agricultural census, limited to a particular day or to a short period (week, months), do not provide a full picture of the volume of agricultural employment.

In view of this, the 1970 Programme suggested that only relatively simple information on the most important subjects of employment in agriculture should be collected by agricultural census. The items proposed by FAO are related to the number of persons employed in agricultural work, their sex and age, and information concerned with the extent to which agricultural work on holding is carried on by the holder's household or persons working for pay. The persons employed in agricultural work include: (a) the holder, regardless of the amount of time he has spent in agricultural work; (b) members of his family and unrelated persons living in his household not receiving full wages in money or kind (but excluding domestic servants); (c) participants in co-operative, collective and communal holdings; and (d) all persons working for pay on the holding.

The 1970 Programme proposed that persons employed be classified as permanent, temporary or occasional workers on the basis of length of employment and the amount of time they worked on the same holding during the reference year adopted.

Agricultural work was defined to include any work necessary for the operation of the holding; feeding and caring for livestock and poultry, working in the field, working in the market or kitchen gardens, planning farm work, supervising agricultural workers, keeping farm records, transporting farm products to market, transporting fertilizer, feed or other supplies from place of purchase to the holding, repairing farm buildings, fences and equipment. It was to exclude work related to the holder's dwelling, handicraft work, construction work performed by persons employed specifically to do such work, work performed by hired contractors using machinery and work by inmates of institutions.

9.1 Number of persons working on the holding

Relatively, a small number of countries supplied information on employment on agricultural holdings in the 1970 census. In this report data on the number of persons employed in agricultural work, were compiled for 51 countries. Even these data supplied by countries listed in Table 9.1 are subject to many deviations in concept, definitions, coverage and time reference period to which data in a particular country relate. There were considerable variations in reporting housewives and other female workers and part-time workers. There was also a lack of uniformity in applying the minimum limit of age for recording workers and in the classification of employed persons as to whether they were permanent, temporary or occasional workers on holdings. In many countries information supplied relates only to

individual or traditional sector of agriculture leaving out workers employed on estates, co-operative, collective and institutional holdings. Hence, the data presented in Table 9.1 and other corresponding tables related to employment on holdings should be considered only as a very approximate indication on the extent of labour input in agricultural work.

Information on the number of persons working on the holding for 51 countries has been presented in Table 9.1. Data in this table were classified in three groups of persons as follows:

1. Holders and members of their household not paid full cash wages. The holder was included regardless of the amount of time spent on the agricultural work. In some countries, persons not related to the holder but living in his household and not receiving full cash wages were included with the holder's household members. Very few countries specified the minimum number of hours or days of work required to qualify members of the household of the holding as workers. Only few countries classified holders and unpaid members of their households as permanent, temporary and occasional workers but even these data were not fully comparable. As a result only the total number of persons engaged in agricultural work is shown in the tables of this report. Participants working on co-operative, collective and communal holdings were to be included in the labour force but domestic workers were to be excluded.
2. Permanent paid workers. Permanent workers were hired persons receiving pay for their services for a total period of at least half the working time during the year.
3. Temporary and other paid workers. This group includes persons who had been employed on the holding for a total period of less than one half but more than one third of the working time during the year (temporary workers) and persons who had been employed on the holding for a total period of less than one third of the working time during the year (occasional workers) as well as other part-time workers for whom length of employment was not specified.

From data in Table 9.1 it appears that in every country holders and members of their households make up the largest proportion of the persons working on holdings. In countries reporting work on the holdings, out of the total of about 129 million persons employed in agriculture, 81.8 percent comprise members of holders' households, 7.5 percent permanent paid workers and 10.7 percent temporary and other paid workers. Male persons outnumbered female persons in the groups of holders and members of their households employed in agricultural work in almost all countries for which information was available except in Japan, Suriname, some European countries (Austria, Czechoslovakia and Portugal) and almost all African countries where the number of female members of holders' households was exceeding the number of males. In the group of permanent paid workers, as well as the group of temporary and other paid workers, males constituted a major portion of the total number of these workers.

Information on holders and unpaid members of their households working on the holding classified by sex and age were available for 20 countries and are presented in Table 9.2. Data in this table indicate that persons 15 to 64 years of age comprise about 82 percent of the total and young persons under 15 years of age about 9.4 percent of the total number of workers in this category.

Nine countries supplied information on permanent paid workers employed in agricultural activities on holding classified by sex and age and data are presented in Table 9.3. In this table all persons who worked on an agricultural holding for pay for more than half

their working time during the year were shown. Available information on temporary and other paid workers classified by sex and age were reported by 7 countries and are shown in Table 9.4. It should be noted that for many countries these data were not of satisfactory accuracy since it was difficult to measure working time of various persons employed in agricultural work during the period of the whole year.

9.2 Extent of agricultural work on holding

In order to obtain an indication on whether all agricultural work on holdings was performed by holders and members of their households or not, data on extent to which agricultural work on the holding was carried out by holder's household or by persons working for pay are presented in Table 9.5. Although this table comprises information on only 16 countries, it clearly indicates that in almost all countries agricultural work on a large majority of holdings was done (either entirely or mainly) by holders and members of their households. The largest proportion of holdings on which agricultural work was done mainly by paid workers was reported in Kuwait (90 percent); Bahrain (34 percent) and Philippines, Portugal and United Kingdom (15 percent).

Twelve countries supplied information on the number of holdings on which all agricultural work was done by the members of the holder's household by size of holding. The data are presented in Table 9.6. Similarly, in Table 9.7 data for 12 countries are shown on holdings on which the bulk of agricultural work was done by the members of the holder's household, classified by size of holdings. In Table 9.8 information on holdings on which the bulk of agricultural work was done by persons working for pay classified by size of holding was assembled for 11 countries. Data presented in the three tables mentioned above indicate that small holdings with less than 5 ha comprise the largest proportion of all holdings on which agricultural work was performed exclusively or mainly by holders and members of their households. More than half of the large holdings were reported to be dependent mainly on paid workers in a number of countries, e.g. in Portugal in size classes over 50 ha, in the United Kingdom in size classes over 200 ha and in Panama in size classes over 500 ha.

TABLE 9.1 - Number of persons employed in agricultural work on the holdings, by sex

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total	Holders and unpaid members of their households			Permanent paid workers			Temporary and other paid workers		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
TOTAL (51)		128 821 472	105 322 097	53 759 846	40 541 650	9 666 237	5 563 267	2 130 006	13 833 138	3 290 371	2 747 719
AFRICA (14)		24 709 766	23 723 219	8 482 539	9 704 984	441 519	120 481	69 690	545 028	183 031	53 468
ALGERIA	Dec '73	2 010 119	2 002 895	...	...	7 224	...	...	...	...	...
BOTSWANA	1968/69	242 942	194 028	...	...	24 885	...	...	24 029	...	...
CAMEROON	1972/73	2 477 198	1/2 477 198	1/1 067 240	1/1 409 958	...	...	...	...	...	...
CENTRAL AFRICAN REPUBLIC	1973/74	742 887	1/742 887	1/316 979	1/425 908	...	...	...	...	...	...
CONGO 2/	1972/73	369 332	1/369 332	1/133 517	1/235 815	...	...	...	...	...	...
CABON	1974/75	184 975	1/184 975	...	...	216 600	...	...	284 500	...	...
GHANA	1969/70	3 508 500	3 007 400	...	...	...	...	...	...	...	...
IVORY COAST	1974/75	1 691 951	3/1 691 951	3/800 319	3/891 632	...	...	...	...	...	...
LESOTHO	Aug '69/Aug '70	637 268	637 268	314 320	322 948	...	...	...	...	...	...
MALAWI	1968/69	2 507 800	3/2 507 800	3/1 210 600	3/1 297 200	...	...	...	...	...	...
SWAZILAND 4/	1971/72	149 037	146 398	...	...	3/2 639	...	...	...	...	...
TOGO	1970	595 434	3/595 434	3/252 082	3/343 352	...	...	...	236 499	183 031	53 468
ZAIRE 2/	1970	7 267 637	6 980 437	3 248 524	3 731 913	50 701	42 761	7 940	...	...	...
ZAMBIA	1970/71	2 324 686	2 185 216	1 138 958	1 046 258	139 470	77 720	61 750	...	...	...
NORTH AND CENTRAL AMERICA (8)		15 251 009	6 478 139	861 971	133 716	1 486 213	266 748	15 036	7 286 657	...	...
BELIZE	1973	27 039	3/27 039	18 736	8 303	...	...	...	...	...	...
DOMINICAN REPUBLIC	1-7 Sep '71	723 395	534 046	449 554	84 492	3/189 349	3/178 557	3/10 792	...	...	...
EL SALVADOR	1970/71	494 023	406 990	378 031	28 959	87 033	3/84 666	3/2 367	...	...	...
MEXICO	25-31 Jan '70	7 836 897	5 302 027	...	...	433 718	...	...	2 101 152	...	...
PANAMA	9-15 May '71	277 320	180 425	...	...	96 895	...	...	...	...	...
PUEERTO RICO	1969	3/79 347	...	...	...	19 446	...	...	59 901	...	...
ST. LUCIA	1973	33 014	27 612	15 650	11 962	5 402	3 525	1 877	...	...	...
UNITED STATES 5/	1969	3/5 779 974	...	...	...	654 370	...	...	5 125 604	...	...
SOUTH AMERICA (3)		17 800 946	14 271 791	8 994 436	5 277 355	1 208 548	1 053 407	155 141	2 320 607	2 042 409	278 198
BRAZIL	31 Dec '70	17 582 089	14 106 190	8 881 722	5 224 468	1 155 292	1 004 968	150 324	2 320 607	2 042 409	278 198
SURINAME	Nov '69	37 651	33 394	14 780	18 614	4 257	3 318	939	...	...	...
URUGUAY	22-29 Jun '70	181 205	132 207	97 934	34 273	48 999	45 121	3 878	...	...	...
ASIA (10)		51 341 401	45 198 814	26 118 879	19 077 482	5 878 192	3 595 638	1 767 685	264 395	213 952	49 346
BAHRAIN	1973/74	3 897	2 151	...	...	985	...	...	761	...	...
IRAQ	15 Oct '71	2 110 565	1 834 433	1 021 635	812 798	64 613	55 689	8 924	211 519	176 881	34 638
ISRAEL	1 Oct '70-	...	...	...	...	...	...	...	...	...	...
JAPAN	30 Sep '71	51 000	51 000	27 600	23 400	...	...	...	...	...	...
JORDAN	1969	15 465 586	15 465 586	7 587 509	7 878 077	...	...	...	...	...	...
	21-27 Jun '75	203 782	78 740	46 001	32 739	73 263	46 957	26 306	51 779	37 071	14 708

(continued)

See footnotes at end of table.

TABLE 9.1 - Number of persons employed in agricultural work on the holdings, by sex (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total	Holders and unpaid members of their households			Permanent paid workers			Temporary and other paid workers				
			Total	Male	Female	Total	Male	Female	Total	Male	Female		
ASIA (cont'd)													
KOREA, Republic of	1970	7 352 259	6/7 352 259	6/3 594 326	6/3 757 933	...	...	...	...	...	...	...	...
KUWAIT	1969/70	2 315	302	...	...	1 677	...	...	336	...	...	...	...
PAKISTAN	1971/73	13 366 481	12 854 274	8 366 135	4 488 139	512 207	...	...	...	...	...	...	...
PHILIPPINES	1-24 Apr '71	11 954 175	6 728 728	4 860 344	1 868 384	3/5 225 447	3/1 732 455	...	...	...	...	...	...
SAUDI ARABIA, Kingdom of	May '73-Apr '74	831 341	3/831 341	3/615 329	3/216 012	...	...	...	...	...	...	...	...
EUROPE (13)													
AUSTRIA	Jun '69-May '70	19 044 999	15 064 750	8 816 079	6 248 671	615 946	499 446	116 500	3 364 303	843 837	2 363 478	...	...
BELGIUM	15 May '70	798 593	696 931	340 322	356 609	43 876	31 034	12 842	57 786	22 574	35 212	...	...
CZECHOSLOVAKIA	1 Feb '70	291 193	266 142	188 223	77 919	15 799	12 338	3 461	9 252	5 064	4 188	...	...
FINLAND	16 Jun '68- 15 Jun '69	1 933 606	1/1 132 353	564 500	567 853	...	...	...	801 253	413 919	387 343	...	...
FRANCE	15 Jun '69	596 939	1/544 533	1/285 640	1/258 893	52 406	21 275	31 131	...	...	...	...	...
GERMANY, Fed Rep of	Nov '69-Oct '69	4 003 713	3 511 756	2 005 166	1 506 590	233 513	218 379	15 134	258 444	8/82 672	8/18 775	...	...
IRELAND	1971	2 734 588	2 605 314	1 458 503	1 146 811	106 907	84 969	21 938	22 367	13 212	9 155	...	...
LUXEMBOURG	2/274 047	17 646	9/229 842	229 842	...	2/25 140	25 140	...	2/19 065	19 065	...	...	...
MALTA	18-25 May '70	14 253	11 377	9 080	2 297	803	722	81	5 466	1 058	4 408	...	...
NETHERLANDS	Sep '68-Sep '69	340 229	1/340 229	11 366	2 887	...	...	...	...	...	...	...	...
PORTUGAL	May '69-Apr '70	2 017 823	1/918 321	1/252 712	1/87 517	99 502	70 875	28 627	...	...	...	...	...
SWITZERLAND	Nov '67-Oct '68	445 240	384 319	220 493	163 826	38 000	34 714	3 286	22 921	10 325	12 596	...	...
YUGOSLAVIA 10/	30 Jun '69	5 577 129	1/3 409 380	1/2 357 097	1/1 052 283	...	...	...	2 167 749	275 948	1 891 801	...	...
OCEANIA (3)	1-10 Apr '69	673 351	585 384	485 942	99 442	35 819	27 547	5 954	52 148	7 142	3 229	...	...
AUSTRALIA	31 Mar '71	382 959	3/382 959	345 429	37 530	...	...	...	...	...	...	...	...
FIJI	1967/68	160 980	116 885	71 758	45 127	2 318	...	...	11/41 777	...	...	...	...
NEW ZEALAND	15 Jun '72	129 412	85 540	68 755	16 785	33 501	27 547	5 954	10 371	7 142	3 229	...	...

1/ Including paid workers living on the holding. 2/ Traditional sector. 3/ Including all paid workers. 4/ Subsistence sector. 5/ Holdings with sales of US \$2 500 and over. 6/ Including paid members of the holder's household. 7/ All permanent workers. 8/ Excludes occasional workers. 9/ Males 14 years of age and over. 10/ Individual holdings. 11/ Many labourers have been included more than once.

TABLE 9.2 - Number of holders and unpaid members of their households employed in agricultural work on the holdings, by sex and age

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Holders and unpaid members of their households						Male			Female		
		Total	Under 15 years of age	15 to 64 years	65 years and over	Total	Under 15 years of age	15 to 64 years	65 years and over	Total	Under 15 years of age	15 to 64 years	65 years and over
TOTAL (20)		58 559 898	5 512 536	47 995 254	4 964 591	28 334 533	2 608 187	23 402 798	2 323 548	24 646 085	1 916 799	20 608 744	2 033 025
AFRICA (4)		10 600 456	1 029 896	9 279 848	290 712	4 909 620	492 675	4 229 302	187 643	5 690 836	537 221	5 050 546	103 069
CENTRAL AFRICAN REPUBLIC	1973/74	742 887	1/12 574	721 321	8 992	316 979	1/6 493	303 940	6 546	425 908	1/6 081	417 381	2 445
CONGO	1972/73	365 222	1/3 287	353 934	12 131	133 517	1/168	126 188	7 161	235 815	1/3 099	227 746	4 970
MALAWI	1968/69	2 507 800	326 200	2 042 200	139 400	1 210 600	186 400	943 600	80 600	1 297 200	139 800	1 098 600	58 800
ZAMBIA	1970	6 980 437	2/687 855	3/3 162 393	4/130 189	3 248 524	2/299 614	3/2 855 574	4/93 336	3 731 913	2/388 241	3/3 306 819	4/36 853
NORTH AND CENTRAL AMERICA (2)		434 029	31 644	393 400	6 985	396 767	29 225	359 400	8 142	37 262	2 419	34 000	843
BELIZE	1973	27 039	5 393	19 787	1 859	18 736	3 329	13 828	1 579	8 303	2 064	5 959	280
EL SALVADOR	1970/71	406 990	26 251	373 613	7 126	378 031	25 896	345 572	6 563	28 959	355	28 041	563
SOUTH AMERICA (2)		14 238 397	2 711 454	11 526 943	...	8 979 656	1 680 033	7 299 623	...	5 258 741	1 031 421	4 227 320	...
BRASIL	31 Dec '70	14 106 190	5/2 706 785	5/1 399 410	...	8 881 722	5/1 677 037	6/7 204 685	...	5 224 468	5/1 029 743	6/4 194 795	...
URUGUAY	22-29 Jun '70	132 207	2/4 674	6/127 533	...	97 934	5/2 996	6/94 938	...	34 273	5/1 678	6/32 595	...
ASIA (6)		25 564 510	718 285	21 004 150	3 842 075	12 864 800	379 559	10 497 098	1 988 143	12 697 559	338 328	10 505 410	1 853 821
BAHRAIN	1973/74	2 151	398	1 642	111	...	...	...	...	...	...	...	...
IRAQ	15 Oct '71	1 834 433	426 646	1 314 809	92 978	1 021 635	232 424	726 722	62 489	812 798	194 222	588 087	30 489
JAPAN	1969	15 465 586	...	1742 291 397	8/3 174 169	7 587 509	2 984	36 665	6 352	7 878 077	2 818	5 630 939	8/1 537 138
KOREA, Republic of	21-27 Jun '75	78 740	5 862	65 572	7 306	46 001	2 984	36 665	6 352	32 739	2 818	28 907	954
JORDAN	1970	7 352 259	2/188 100	6 639 454	524 705	3 594 326	9/100 130	3 251 151	243 045	3 757 933	2/87 970	3 388 303	281 660
SAUDI ARABIA, Kingdom of	May '73-Apr '74	831 341	97 279	691 276	42 786	615 329	44 021	532 102	39 206	216 012	53 258	159 174	3 580
EUROPE (5)		7 605 621	1 001 005	5 716 628	800 471	1 111 932	13 393	973 762	124 777	916 560	460	760 796	67 787
CZECHOSLOVAKIA	1 Feb '70	1 132 353	...	1 019 335	113 018	564 500	...	495 107	69 393	567 853	...	524 228	43 625
FINLAND	16 Jun '68-	544 533	897	486 328	57 308	285 640	499	251 614	33 527	258 893	398	234 714	23 781
LUXEMBOURG	18-25 May '70	11 317	2/463	10/8 984	1 930	9 080	2/401	10/7 130	1 549	2 297	2/62	10/1 854	381
NETHERLANDS	May '69-May '70	340 229	11/12 493	12/219 911	20 308	252 712	11/12 493	12/219 911	20 308	87 517	...	...	...
YUGOSLAVIA	1-10 Apr '69	577 129	2/987 152	13/3 982 070	607 901	...	...	...	...	...	...	...	...
OCEANIA (1)		116 885	20 252	74 285	22 348	71 758	13 302	43 613	14 843	45 127	6 950	30 672	7 505
FIJI	1967/68	116 885	15/20 252	16/74 285	17/22 348	71 758	15/13 302	16/43 613	17/14 843	45 127	15/6 950	16/30 672	17/7 505

1/ 12 to 14 years of age. 2/ Under 20 years of age. 3/ 20 to 69 years of age. 4/ 70 years of age and over. 5/ Under 14 years of age. 6/ 14 years of age and over. 7/ 16 to 59 years of age. 8/ 60 years of age and over. 9/ 14 and under 15 years of age. 10/ 20 to 64 years of age. 11/ Under 19 years of age. 12/ 19 to 64 years of age. 13/ Total number of workers. 14/ 20 to 65 years of age. 15/ Under 16 years of age. 16/ 16 to 45 years of age. 17/ 45 years of age and over.

TABLE 9.3 - Number of permanent paid workers employed in agricultural work on the holding, by sex and age

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	All permanent paid workers			Male workers			Female workers					
		Total	Under 15 years of age	15 to 64 years	65 years and over	Total	Under 15 years of age	15 to 64 years	65 years and over	Total	Under 15 years of age	15 to 64 years	65 years and over
TOTAL (9)		1 534 095	98 887	1 412 992	22 216	1 302 159	63 446	1 225 211	13 502	230 951	35 438	186 819	8 694
AFRICA (1)		50 701	7 608	42 699	394	42 761	5 199	37 168	394	7 940	2 409	5 531	...
ZAIRE	1970	50 701	7 608	42 699	394	42 761	1/5 199	2/37 168	3/394	7 940	1/2 409	2/5 531	...
NORTH AND CENTRAL AMERICA (1)		87 033	1 314	85 198	521	84 666	1 171	82 985	510	2 367	143	2 213	11
EL SALVADOR	1970/71	87 033	1 314	85 198	521	84 666	1 171	82 985	510	2 367	143	2 213	11
SOUTH AMERICA (2)		1 204 291	80 550	1 123 741	...	1 050 089	51 666	998 423	...	154 202	28 884	125 318	...
BRASIL	31 Dec '70	1 155 292	4/79 486	1 075 806	...	1 004 968	4/50 990	5/953 978	...	150 324	4/28 496	5/121 828	...
URUGUAY	22-29 Jun '70	48 999	4/1 064	5/47 935	...	45 121	4/676	5/44 445	...	3 878	4/388	5/3 490	...
ASIA (3)		138 861	9 320	120 430	9 111	102 646	5 334	89 129	8 183	35 230	3 983	30 339	908
BAHRAIN	1973/74	985	3	962	20	...	...	...	...	...	...	...	...
IRAQ	15 Oct '71	64 613	4 660	57 475	2 478	55 689	2 984	50 422	2 283	8 924	1 676	7 053	...
JORDAN	21-27 Jun '75	73 263	4 657	61 993	6 613	46 957	2 350	38 707	5 900	26 306	2 307	23 286	713
EUROPE (2)		53 209	95	40 924	12 190	21 997	76	17 506	4 415	31 212	19	23 418	7 775
FINLAND	16 Jun '68-	52 406	4	40 230	12 145	21 275	15	16 885	4 375	31 131	16	23 345	7 770
LUXEMBOURG	15 Jun '69 18-25 May '70	803	1/64	6/694	45	722	1/61	6/621	40	81	1/3	6/73	5

1/ Under 20 years of age. 2/ 20 to 69 years of age. 3/ 70 years of age and over. 4/ Under 14 years of age. 5/ 14 years of age and over. 6/ 20 to 64 years of age.

TABLE 9.4 - Number of temporary and other paid workers employed in agricultural work on the holding, by sex and age

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Temporary and other paid workers				Male				Female			
		Total	Under 15 years of age	15 to 64 years	65 years and over	Total	Under 15 years of age	15 to 64 years	65 years and over	Total	Under 15 years of age	15 to 64 years	65 years and over
TOTAL (7)		2 845 258	164 458	2 676 819	3 981	2 440 450	105 864	2 332 123	2 463	385 420	55 656	328 865	892
AFRICA (2)		255 126	30 784	223 596	745	183 031	17 770	165 122	139	53 458	10 083	43 395	...
BOTSWANA 1/ ZAIRE	1968/69 1970	18 627 236 499	2 931 2/27 953	15 089 3/208 507	607 4/139	...	...	...	...	...	...	...	...
SOUTH AMERICA (1)		2 320 607	114 064	2 206 543	...	2 042 409	76 015	1 966 394	...	278 198	38 049	240 149	...
BRASIL	31 Dec '70	2 320 607	5/114 064	2 206 543	...	2 042 409	5/76 015	1 966 394	...	278 198	5/38 049	240 149	...
ASIA (3)		264 059	19 332	242 219	2 508	213 952	11 957	199 972	2 013	49 346	7 358	41 505	483
BAHRAIN	1973/74	761	7	742	12	...	...	...	...	...	...	...	...
IRAQ	15 Oct '71	211 519	17 427	192 755	1 337	176 881	10 816	164 832	1 233	34 638	6 611	27 923	104
JORDAN	21-27 Jun '75	51 779	1 896	48 722	1 159	37 071	1 151	35 140	780	14 708	747	13 582	379
EUROPE (1)		5 466	278	4 461	727	1 058	112	635	311	4 408	166	3 826	416
LUXEMBOURG	18-25 May '70	5 466	278	4 461	727	1 058	2/112	1/635	311	4 408	2/166	1/3 826	416

1/ Traditional sector. 2/ Under 20 years of age. 3/ 20 to 69 years of age. 4/ 70 years of age and over. 5/ Under 14 years of age. 6/ 14 years of age and over.

TABLE 9.5 - Extent to which agricultural work on the holding is carried out by holder's household or by persons working for pay

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings reporting	Number of holdings on which the agricultural work is done by		
			Holder's household only	Holder's household mainly	Mainly paid workers
<u>TOTAL</u> (16)		12 815 478	10 075 939	1 850 280	889 259
<u>AFRICA</u> (4)		1 340 896	895 492	438 677	6 727
BOTSWANA	1967/68	48 014	30 302	17 452	260
LIBERIA	1971	121 745	1/115 278	...	6 467
MALAWI	1969	885 000	631 890	253 110	...
SIERRA LEONE	1972/73	286 137	118 022	168 115	...
<u>NORTH AND CENTRAL AMERICA</u> (1)		105 272	89 224	9 507	6 541
PANAMA	1971	2/105 272	89 224	9 507	6 541
<u>ASIA</u> (7)		8 522 293	6 724 637	1 091 144	706 512
BAHRAIN	1973/74	855	137	429	289
IRAQ	1971	3/588 458	528 675	50 585	9 198
JAPAN	1969	4/5 341 844	4 244 519	772 178	325 147
JORDAN	1975	55 548	35 983	17 356	2 209
KUWAIT	1970	449	16	24	409
PHILIPPINES	1971	2 354 469	1 784 559	210 878	359 032
SAUDI ARABIA, Kingdom of	1973/74	180 670	130 748	39 694	10 228
<u>EUROPE</u> (3)		2 597 532	2 180 929	247 124	169 479
CZECHOSLOVAKIA	1970	1 472 462	1 464 868	6 350	1 244
PORTUGAL	1968	811 656	485 324	204 215	122 117
UNITED KINGDOM	1970	5/313 414	230 737	36 559	46 118
<u>OCEANIA</u> (1)		249 485	185 657	63 828	...
AUSTRALIA	1971	249 485	185 657	63 828	...

1/ Including holdings on which the agricultural work is done by holder's household mainly. 2/ Excluding 10 092 holdings without land. 3/ Excluding 2 720 holdings not reporting agricultural work. 4/ Civil persons. 5/ Excluding 13 284 holdings not reporting agricultural work.

TABLE 9.6 - Number of holdings on which all agricultural work is done by the members of the holder's household, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All sizes	Holdings without land	Under 1 ha	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
TOTAL (12)		5 045 525	60 298	2 042 330	1 077 719	838 117	390 639	309 051	156 672	61 332	35 788	37 431	18 919	17 229
AFRICA (2)		145 580	7 530	62 264	36 401	24 538	9 601	3 415	1 831	•••	-	-	-	-
BOTSWANA	1967/68	30 302	7 180	•••	8 531	6 529	6 159	1 903	•••	-	-	-	-	-
LIBERIA	1971	115 278	350	62 264	27 870	18 009	3 442	1 512	1 831	•••	-	-	-	-
NORTH AND CENTRAL AMERICA (1)		89 224	•••	19 220	13 554	17 125	11 871	11 703	10 842	3 619	949	279	48	14
PANAMA	1971	89 224	•••	19 220	13 554	17 125	11 871	11 703	10 842	3 619	949	279	48	14
ASIA (5)		2 444 135	51 103	378 949	964 413	519 607	302 540	171 869	48 479	5 726	1 089	272	88	•••
BAHRAIN	1973/74	137	•••	63	33	27	10	4	•••	-	-	-	-	-
IRAQ	1971	528 675	51 103	62 044	80 582	75 717	116 586	97 216	40 899	3 397	771	272	88	•••
KUWAIT	1970	16	•••	11	2	3	•••	•••	•••	-	-	-	-	-
PHILIPPINES	1971	1 784 559	•••	263 775	855 338	419 514	173 862	66 709	3 857	1 504	•••	•••	•••	•••
SAUDI ARABIA, Kingdom of	1973/74	130 748	•••	53 056	28 458	24 345	12 082	7 940	3 723	825	318	•••	•••	•••
EUROPE (3)		2 180 929	1 665	1 580 163	60 651	264 219	55 380	110 084	71 575	25 994	7 930	2 488	498	282
CZECHOSLOVAKIA	1970	1 464 868	•••	1 343 012	47 265	48 027	21 931	•••	4 236	105	178	105	9	•••
PORTUGAL	1968	485 324	1 665	226 480	•••	184 365	•••	67 305	4 610	681	155	52	7	•••
UNITED KINGDOM	1970	230 737	•••	10 671	13 386	31 827	33 449	42 779	62 729	25 208	7 597	2 331	482	278
OCEANIA (1)		185 657	•••	1 734	2 700	12 628	11 247	11 980	23 945	25 993	25 820	34 392	18 285	16 933
AUSTRALIA	1971	185 657	•••	1 734	2 700	12 628	11 247	11 980	23 945	25 993	25 820	34 392	18 285	16 933

TABLE 9.7 - Number of holdings on which bulk of the agricultural work is done by the members of the holder's household, by size of holdings

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings	Holdings without land	Under 1 ha	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
TOTAL (12)		1 562 362	993	698 411	293 213	276 306	76 939	91 697	39 934	23 675	15 778	15 661	11 733	18 022
AFRICA (1)		168 115	...	58 092	38 476	48 981	14 195	5 367	3 004	...	-	-	-	-
SIERRA LEONE	1972/73	168 115	...	58 092	38 476	48 981	14 195	5 367	3 004	...	-	-	-	-
NORTH AND CENTRAL AMERICA (1)		9 507	-	571	869	1 506	1 310	1 548	1 987	998	478	194	37	9
PANAMA	1971	9 507	-	571	869	1 506	1 310	1 548	1 987	998	478	194	37	9
ASIA (6)		1 073 788	479	581 948	252 693	136 630	57 672	26 433	12 489	3 254	1 566	467	157	...
BAHRAIN	1973/74	429	-	72	106	157	66	25	3	...	-	-	-	-
IRAQ	1971	50 585	479	3 911	8 028	6 527	8 591	10 616	9 168	1 861	780	467	157	...
JAPAN	1969	772 178	-	541 040	142 194	71 256	17 688	...	-	-	-	-	-	-
KUWAIT	1970	24	-	18	4	2	...	...	-	-	-	-	-	-
PHILIPPINES	1971	210 878	-	24 077	94 769	51 179	26 751	12 318	1 184	600	...	...	...	...
SAUDI ARABIA, Kingdom of	1973/74	39 694	-	12 830	7 592	7 509	4 576	3 474	2 134	793	786	...	-	-
EUROPE (3)		247 124	514	57 645	915	87 825	1 458	54 613	16 667	13 142	6 530	3 915	2 805	1 095
CZECHOSLOVAKIA	1970	6 350	-	1	-	5	4	...	3	33	422	2 394	2 545	943
PORTUGAL	1968	204 215	514	56 860	...	86 260	...	51 975	6 476	1 368	490	226	38	8
UNITED KINGDOM	1970	36 559	-	784	915	1 560	1 454	2 638	10 188	11 741	5 618	1 295	222	144
OCEANIA (1)		63 828	-	155	260	1 364	2 304	3 736	5 787	6 281	7 204	11 085	8 734	16 918
AUSTRALIA	1971	63 828	-	155	260	1 364	2 304	3 736	5 787	6 281	7 204	11 085	8 734	16 918

TABLE 9.8 - Number of holdings on which bulk of the agricultural work is done by persons working for pay, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All sizes	Holdings without land	Under 1 ha	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
TOTAL (11)		886 790	798	354 909	200 106	148 859	50 977	62 602	23 209	16 163	14 412	8 807	2 210	1 738
AFRICA (1)		6 457	3	1 910	1 022	1 551	296	619	1 066	...	-	-	-	-
LIBERIA	1971	6 457	3	1 910	1 022	1 551	296	619	1 066	...	-	-	-	-
NORTH AND CENTRAL AMERICA (1)		6 541	...	241	436	878	756	928	1 309	909	493	360	126	85
PANAMA	1971	6 541	...	241	436	878	756	928	1 309	909	493	360	126	85
ASIA (6)		704 303	122	321 288	197 443	100 000	48 045	24 486	7 102	4 381	886	345	205	...
BAHRAIN	1973/74	289	...	31	37	106	65	35	13	2	...	-	-	-
IRAQ	1971	9 198	122	956	819	769	944	1 366	2 751	526	395	345	205	...
JAPAN	1969	325 147	...	285 242	27 472	9 741	2 692	...	-	-	-	-	-	-
KUWAIT	1970	489	...	189	55	48	39	...	18	13	1	...	-	-
PHILIPPINES	1971	359 032	...	31 511	187 474	87 654	43 234	22 103	3 600	3 456	...	...	-	-
SAUDI ARABIA, Kingdom of	1973/74	10 228	...	3 359	1 586	1 682	1 064	943	720	384	490	...	-	-
EUROPE (3)		169 479	673	31 470	1 205	46 430	1 880	36 569	13 732	12 873	13 033	8 082	1 879	1 653
CZECHOSLOVAKIA	1970	1 244	...	17	18	32	24	...	152	116	147	201	88	449
PORTUGAL	1968	122 117	673	30 435	...	44 230	...	33 945	6 630	2 445	1 457	1 219	607	476
UNITED KINGDOM	1970	45 118	...	1 016	1 187	2 188	1 856	2 624	6 950	10 312	11 429	6 662	1 184	728

10. FARM POPULATION

The farm population consists of persons who are members of holders' households and all other persons living on agricultural holdings. The members of the holder's household include the holders, participants in co-operative, collective and communal holdings, and members of their households whether they are living on the holding or not. Other persons living on the holding include all persons living on the holding, who are not members of the holder's household, regardless of whether such persons work on the holding. Agricultural workers who did not live on the holding were to be excluded from farm population. The 1970 Programme defined a household as follows: "The term household means the aggregate of persons generally bound by ties of kinship who normally reside together, not necessarily under the same roof. This includes the holder, the relatives living with him, and the other persons who share that community of life for reasons of work or because of other connections." The other persons who share the rooms occupied by the holder's family who have been included in previous FAO Programmes have been deleted from the 1970 Programme. Attention is brought to the fact that in many countries holders do not live on agricultural holdings but they are still to be considered together with the members of their households as forming part of the farm population.

The 1970 Programme suggested that farm population be classified by age and by sex. The concept of farm population adopted in agricultural censuses has been mainly based on residence criterion and on criterion of belonging to a holder's household. Therefore data on farm population obtained through agricultural census differ from information on agricultural population collected by population censuses which are based on criterion of main source of livelihood of the family members. The population dependent on agriculture usually recorded in population censuses comprise several groups of persons who may not live on agricultural holdings (agricultural workers, landowners, pensioners who obtain income from agriculture because of former employment in agriculture, and dependents of holders and members of their households), while the farm population include the holder and members of his family as well as other persons living on the holding, some or all of whom may be engaged in non-agricultural activity and not counted as dependent on agriculture. The latter case is particularly frequent on small holdings in countries which included in the census very small size holdings (see Table 3 in Chapter 2). Due to these differences in basic concepts and coverage, data on farm population presented in this chapter could not be fully compared with data on agricultural population given in Tables 1.1 and 2.1 in the first two chapters of the report.

10.1 Farm population by sex and age

Data on the farm population shown in Table 10.1 were available for 47 countries (18 countries of Africa, 6 countries of North and Central America, 2 countries of South America, 11 countries of Asia, 8 countries of Europe and 2 countries of Oceania). Data for these countries are not fully comparable for various reasons. In most countries, because of the seasonal nature of agricultural work, the census figures on the number of persons do not relate to the same time period or they were not taken at the same seasonal peak or slack period of employment on holding, which affected comparability of data particularly in the cases when the census included considerable number of agricultural labourers living on the holdings at the time of the census. In some African countries and in some countries elsewhere, holders or members of their family were not counted in the census when they have been absent at the time of the census enumeration. In some countries, holders and members of the holder's family have not been counted when the holder did not live on the holding

but in some other countries they were included in the census. Many countries recorded only members of the holder's family or households only, and excluded hired workers, domestic servants, gardeners, boarders and others living in the holder's household and persons away temporarily who normally were residing in the household.

Although data on farm population are not fully comparable for all countries, when inter-related with the other characteristics of holding, they still reveal some indication on the degree of concentration of people on agricultural holdings. Examples of the number of farm population per 100 ha of arable land are as follows: in the Fed. Rep. of Germany 66 persons, in Japan 601 persons, in Zaire, 414 persons, in Pakistan 196 persons and in Algeria 85 persons. The average number of farm population per holding varied from about 3.2 in Hungary and 3.7 in Portugal to 7.3 in Jordan, 8.2 in Swaziland, 8.3 in Botswana and 9.7 in Singapore. In Pakistan farm population included also the population on livestock holdings without land, although the number of these holdings was not reported. Data on farm population by sex were available for 38 countries. These reveal that female persons are predominant population on holdings in almost all African countries included in Table 10.1. In countries of other continents, the proportion of females is in most cases less than 50 percent, varying from 44.8 percent in two South American countries and 47.4 in three North and Central American countries to 49.3 percent in ten Asian and 50.1 in seven European countries. Separate data on number of (i) holders and members of their households and (ii) other persons living on the holding were available for twelve countries only. From these data it appears that persons who are members of the household of the holder comprise by far the predominant segment of farm population in the twelve countries, about 94.6 percent of the total farm population.

Data on sex and age of farm population were available for 26 countries and are presented in Table 10.2. These countries had a total of about 92 million farm population consisting of 36 percent of persons under 15 years of age, 56 percent of persons from 15-64 years and 8 percent of people older than 65 years. In the group of persons from 15 to 64 years of age, which represent the main labour force in agriculture, there were more female than male persons living on the holding. The female farm population of age 15 to 64 years exceeded the male population by 1.6 percent. On the whole the youngest farm population of both sexes was in African countries and relatively the oldest farm population was in European countries.

10.2 Farm population by size of holding

The distribution of total farm population by size of holding was worked out for 24 countries and data are presented in Table 10.3. Out of the total of about 153.9 million persons on holdings, around 112.3 million or 73 percent were living on holdings with land less than 5 ha and only around 1.4 million persons or 0.9 percent were living on holdings with more than 100 ha. The greatest concentration of farm population on small holdings under 5 ha of land was in Asian countries and in some African countries. The distribution of male farm population by size of holding for 19 countries appears in Table 10.4 and the distribution of female farm population by size of holding for the same 19 countries is given in Table 10.5. Data indicate that more females were on holdings with less than 5 ha than males by about 1.8 percent. The proportion of females living on holdings without land and holdings with land less than 5 ha was 78.8 percent of the total farm population of about 54.8 million for 19 countries. The proportion of males living on holdings under 5 ha was 77.4 percent for 19 countries reporting. The proportion of female farm population and male farm population living on holdings with land more than 100 ha was very small, 1.05 percent for males and 0.9 for females.

TABLE 10.1 - Farm population by sex

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total farm population			Persons who are members of household of holders			Persons other than members of holder's household living on holding		
		Total	Male	Female	Total	Male	Female	Total	Male	Female
		Thousands of persons								
TOTAL (47)		198 703	90 182	89 658	110 575	51 188	49 236	1 790	987	832
AFRICA (18)		58 258	23 897	25 068	18 838	6 925	7 395	90	45	44
ALGERIA 1/	1972/73	4 223	•••	•••	•••	•••	•••	•••	•••	•••
BOTSWANA 2/	March-April 1969	400	193	207	•••	•••	•••	•••	•••	•••
CAMEROON	April 1972-April 1973	5 006	2 372	2 634	4 948	2 344	2 605	58	28	29
CENTRAL AFRICAN REPUBLIC	April 1973-January 1974	1 485	698	787	1 485	698	787	•••	•••	•••
CHAD	June 1972-January 1973	2 057	1 035	1 022	2 030	1 020	1 010	27	15	12
CONGO	April 1972-December 1973	803	369	434	798	367	431	5	2	3
GABON	1974/75	333	•••	•••	4 518	•••	•••	•••	•••	•••
GHANA	April-August 1970	4 518	•••	•••	•••	•••	•••	•••	•••	•••
IVORY COAST	1973/74	3 645	1 792	1 853	•••	•••	•••	•••	•••	•••
KENYA 3/	1974/75	10 341	5 082	5 259	•••	•••	•••	•••	•••	•••
LESOTHO	31 July 1970	988	488	500	988	488	500	•••	•••	•••
LIBERIA	1971	649	324	325	•••	•••	•••	•••	•••	•••
MALAWI	August 1969	4 071	2 009	2 062	4 071	2 009	2 062	•••	•••	•••
REUNION	April 1972-March 1973	219	•••	•••	•••	•••	•••	•••	•••	•••
SIERRA LEONE	December 1970	1 888	967	921	•••	•••	•••	•••	•••	•••
SWAZILAND 2/	September 1971-August 1972	322	157	165	•••	•••	•••	•••	•••	•••
TOGO	1970	1 421	678	743	•••	•••	•••	•••	•••	•••
ZAIRE	1970/71	15 889	7 733	8 156	•••	•••	•••	•••	•••	•••
NORTH AND CENTRAL AMERICA (6)		10 253	359	324	5 863	•••	•••	14	•••	•••
BELIZE	1973	56	28	28	•••	•••	•••	•••	•••	•••
CANADA	June 1971	1 489	•••	•••	•••	•••	•••	•••	•••	•••
HAITI	September 1971	2 779	•••	•••	•••	•••	•••	•••	•••	•••
MEXICO	1970	5 302	•••	•••	5 302	•••	•••	•••	•••	•••
PANAMA	May 1971	575	306	269	561	•••	•••	14	•••	•••
ST. LUCIA	1973/74	52	25	27	•••	•••	•••	•••	•••	•••
SOUTH AMERICA (2)		424	234	190	369	196	173	55	38	17
SURINAME	November 1969	106	54	52	106	54	52	•••	•••	•••
URUGUAY	July-September 1970	318	180	138	263	142	121	55	38	17
ASIA (11)		98 368	49 838	48 530	70 228	36 150	34 078	1 491	795	696
BAHRAIN	November 1973-October 1974	1	1	•••	•••	•••	•••	1	1	•••
IRAQ	15 October 1971	3 973	2 030	1 943	3 747	1 914	1 833	226	116	110
ISRAEL 4/	1 October 1971	214	112	102	•••	•••	•••	•••	•••	•••
JAPAN	1 February 1970	26 282	12 702	13 580	•••	•••	•••	•••	•••	•••
JORDAN	1975	404	204	200	396	199	197	8	5	3

(continued)

See footnotes at end of table.

TABLE 10.1 - Farm population by sex (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total farm population		Persons who are members of household of holders		Persons other than members of holder's household living on holding	
		Total	Male	Female	Total	Male	Female
ASIA (cont'd)							
KOREA, Republic of	1 December 1970	14 115	7 010	7 105	14 115	7 010	7 105
KUWAIT	October-November 1969	2	2	...	...	...	...
PAKISTAN	1971-73	35 905	18 924	16 981	35 905	18 924	16 981
PHILIPPINES	1-24 April 1971	16 054	8 127	7 927	14 827	7 475	7 352
SAUDI ARABIA, Kingdom of	May 1973-April 1974	1 265	647	618	1 238	628	610
SINGAPORE	November 1973	153	79	74	...	...	...
EUROPE (8)		31 243	15 240	15 003	15 277	7 917	7 590
AUSTRIA	1970	1 523	757	766	1 523	757	766
FRANCE	November 1969-October 1970	5 969	3 078	2 891	5 969	3 078	2 891
GERMANY, Fed Rep of	1971	4 846	2 439	2 407	4 846	2 439	2 407
HUNGARY	31 March 1972	2 564	1 262	1 302	...	...	...
IRELAND	June 1970	274	274	...	...	230	...
MALTA	28 September 1969	47	24	23	47	24	23
PORTUGAL	November 1967-October 1968	3 032	1 454	1 578	2 892	1 389	1 503
YUGOSLAVIA 5/	April 1969	11 988	5 952	6 036	...	...	...
OCEANIA (2)		1 157	614	543	...	...	...
AUSTRALIA	31 March 1971	903	482	421	...	...	...
FIJI	February 1968-February 1969	254	132	122	...	...	...

1/ Persons over 10 years of age. 2/ Traditional sector. 3/ Small farms. 4/ Persons 14 years of age and over. 5/ Private sector.

TABLE 10.2 - Farm population by sex and age

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total farm population	Male			Female		
			Under 15 years of age	15 to 64 years of age	65 years of age and over	Under 15 years of age	15 to 64 years of age	65 years of age and over
<u>TOTAL</u> (26)		92 009 568	16 784 565	25 010 899	3 423 162	16 374 124	26 522 697	3 894 121
<u>AFRICA</u> (10)		31 028 953	6 702 322	7 821 450	493 954	6 726 920	8 862 154	422 153
BOTSWANA	1968/69	399 756	76 344	104 172	12 226	82 018	116 190	8 806
CAMEROON	1972/73	5 006 127	1 151 408	1 130 903	89 488	1 454 412	77 199	5 752
CENTRAL AFRICAN REPUBLIC	1973/74	1 485 324	362 926	326 324	8 406	343 119	438 761	9 584
CONGO	1972/73	1 798 032	190 021	168 262	8 529	175 291	246 345	3/48 849
LESOTHO	1970	987 946	197 420	2 259 030	3/31 353	196 081	2/255 213	5 645
LIBERIA	1971	648 962	124 270	180 602	19 398	110 314	208 733	65 300
MALAWI	1968/69	4 071 400	880 600	1 039 700	88 900	856 200	1 140 700	8 007
SWAZILAND	1971/72	321 884	76 026	74 721	5 683	73 864	83 583	18 537
TOGO	1970	1 420 666	375 795	275 642	26 341	347 304	377 047	174 474
ZAIRE	1970	15 388 856	3 267 512	4 262 058	203 633	3 440 009	4 541 170	15 594
<u>NORTH AND CENTRAL AMERICA</u> (3)		683 671	170 321	178 191	11 973	156 819	150 773	1 026
BELIZE	1973	56 235	14 555	12 714	1 175	14 778	11 987	14 568
PANAMA	1971	575 153	143 898	151 765	10 798	129 549	124 575	...
ST. LUCIA	1973/74	52 283	11 868	4/13 712	...	12 492	4/14 211	...
<u>SOUTH AMERICA</u> (2)		424 425	70 662	163 403	...	65 894	124 466	...
SURINAME	1969	106 259	28 587	4/25 512	...	27 707	4/24 453	...
URUGUAY	1970	318 166	5/42 075	6/137 891	...	5/38 187	5/100 013	...
<u>ASIA</u> (6)		46 191 825	8 197 049	12 049 013	2 424 953	7 852 960	12 753 458	2 914 392
IRAQ	1971	3 973 045	1 038 046	908 075	83 529	987 437	884 309	71 649
JAPAN	1970	26 281 649	1/3 364 115	8/7 331 669	3/2 005 474	1/3 313 204	8/7 870 804	3/2 396 393
JORDAN	1975	403 721	112 708	80 084	10 819	107 063	87 682	5 155
KOREA, Republic of	1969/70	14 115 167	3 285 962	3 432 548	291 690	3 082 740	3 610 539	411 688
SAUDI ARABIA, Kingdom of	1973/74	1 265 366	365 420	252 335	28 894	333 979	259 936	24 802
SINGAPORE	1973	152 877	30 598	44 302	4 547	28 537	40 188	4 705
<u>EUROPE</u> (4)		13 427 013	1 576 686	4 734 653	492 252	1 507 214	4 574 196	541 982
FRANCE	1970	5 969 181	682 572	2 015 872	380 101	656 711	1 823 903	410 022
GERMANY, Federal Republic of	1971	4 845 679	5/609 257	6/1 829 920	...	5/578 746	5/1 827 756	...
HUNGARY	1972	2 564 582	279 142	870 577	112 181	256 337	304 385	131 960
MALTA	1968/69	47 571	5/5 715	6/18 284	...	5/5 420	6/18 152	...
<u>OCEANIA</u> (1)		253 681	67 525	64 189	...	64 317	57 650	...
FIJI	1968/69	253 681	1/67 525	9/64 189	...	1/64 317	9/57 650	...

1/ Members of the holder's household. 2/ 15 to 59 years of age. 3/ 60 years of age and over. 4/ 15 years of age and over. 5/ Under 14 years of age. 6/ 14 years of age and over. 7/ Under 16 years of age. 8/ 16 to 59 years of age. 9/ 15 years of age and over.

TABLE 10.3 - Farm population by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	All holdings	Holdings without land	Under 1 ha	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
TOTAL (24)		153 855 812	11 715 086	47 076 748	33 586 345	31 656 483	14 939 041	8 043 625	4 105 745	1 293 749	449 561	303 429	214 659	469 341
AFRICA (7)		27 975 516	1 688 488	8 851 713	8 221 809	6 426 824	1 402 728	645 314	310 776	79 224	62 317	37 194	25 797	223 332
ALGERIA	1972/73	4 223 568	707 916	678 649	481 614	851 920	647 456	478 571	287 954	64 603	18 796	6 089	...	...
LESOTHO	3.1.70	987 946	15 962	440 830	224 730	197 484	108 940	...	...	...	...	...	...	...
LIBERIA	1971	648 962	1 810	309 927	160 209	123 143	23 533	12 888	17 452	...	...	...	...	...
MALAWI	Aug '69	4 071 400	982 800	1 395 700	813 000	826 800	113 100	96 527	...	...	...	...	...	...
SINIERA LEONE J/	Dec '70	1 832 830	...	660 126	386 644	513 151	176 382	...	...	...	...	...	...	...
SWAZILAND	1972	321 884	...	63 772	...	206 733	51 379	...	...	...	...	...	...	...
ZAMBIE	1970	15 888 928	...	5 342 709	6 155 612	3 707 593	281 938	57 328	5 370	14 621	43 521	31 105	25 797	223 332
NORTH AND CENTRAL AMERICA (2)		3 354 173	...	1 598 617	741 485	576 565	188 894	106 460	88 802	32 044	11 653	6 581	1 478	1 594
HAITI	September '71	2 779 020	...	1 498 020	666 180	471 790	112 280	24 490	6 260	...	...	...	...	...
PANAMA	16.5.71	575 153	...	100 597	75 305	104 775	76 614	81 970	82 542	32 044	11 653	6 581	1 478	1 594
SOUTH AMERICA (2)		424 425	47	18 773	24 535	79 933	58 676	51 621	53 021	31 581	26 548	27 925	16 378	35 387
SURINAME	3.11.69	106 259	47	18 773	24 535	40 469	15 032	4 857	1 976	217	137	91	80	45
URUGUAY	July-Sep '70	318 166	...	...	...	39 464	43 644	46 764	51 045	31 364	26 411	27 834	16 298	35 342
ASIA (7)		97 596 271	9 878 829	31 069 075	22 489 653	17 631 194	9 666 599	4 426 416	1 685 918	567 359	79 709	51 706	49 813	...
BAHRAIN	Nov '73-Oct '74	1 240	...	91	173	306	234	208	164	64	...	...	...	...
IRAQ	15.10.71	3 973 045	318 109	417 725	560 677	526 233	785 725	715 923	403 785	89 280	54 069	51 706	49 813	...
JAPAN	1.2.70	26 281 780	...	16 744 362	7 081 655	2 060 934	394 829	...	...	...	...	...	...	...
KOREA, Republic of	1.12.70	14 115 167	101 774	8 668 229	4 188 641	881 703	274 820	...	...	...	...	...	...	...
PAKISTAN	1971/73	35 905 134	9 458 945	2 960 905	3 257 698	9 997 140	6 216 383	2 727 599	1 100 508	185 955	...	...	...	...
PHILIPPINES	April '71	16 054 539	...	1 874 588	7 142 986	3 911 094	1 858 710	880 445	118 125	268 591	...	...	...	...
SAUDI ARABIA, Kingdom of	May '73-Apr '74	1 285 366	...	403 175	257 823	253 784	135 698	102 241	63 336	23 469	25 640	...	...	...
EUROPE (5)		23 601 861	147 722	5 534 330	2 101 778	6 909 656	3 586 965	2 767 968	1 876 255	472 873	152 491	15 666	11 566	24 561
FRANCE	Nov '69-Oct '70	5 969 181	...	...	...	1 490 956	844 498	1 392 365	1 659 176	446 426	135 760	...	...	...
HUNGARY	31.3.72	2 564 582	138 244	2 213 965	148 286	55 592	8 051	413	26	5	...	...	...	...
MALTA	28.9.69	3 471 571	9 478	25 920	9 994	9 648	1 753	226	20	...	...	...	...	...
PORTUGAL	2.9.68	3 032 074	...	1 111 725	...	1 23 095	...	604 845	88 035	26 442	16 731	15 666	11 566	24 561
YUGOSLAVIA	April '69	11 988 453	...	2 182 710	1 943 498	4 230 435	2 732 663	770 119	129 028	...	...	...	...	...
OCEANIA (1)		903 566	...	4 240	7 085	34 311	35 179	45 846	90 943	110 668	116 843	164 357	109 627	184 467
AUSTRALIA	31.3.71	903 566	...	4 240	7 085	34 311	35 179	45 846	90 943	110 668	116 843	164 357	109 627	184 467

1/ Excluding 55 291 holdings of size not reported.

TABLE 10.4 - Male farm population by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total	Holdings without land	Under 1 ha	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
TOTAL (19)		56 009 354	5 247 146	17 774 029	9 143 515	11 213 745	6 195 360	3 414 414	1 929 800	501 103	206 986	142 471	101 096	139 689
AFRICA (4)		1 902 305	9 197	733 224	386 515	524 344	181 018	58 990	9 017	...	-	-	-	-
LESOTHO	31.7.70	487 803	8 325	211 197	110 868	100 439	56 974	...	9 017	...	-	-	-	-
LIBERIA	1971	324 270	872	156 927	79 494	59 790	11 426	6 744	...	...	-	-	-	-
SIERRA LEONE 1/	Dec '70	933 802	...	334 867	196 153	263 228	81 188	52 246	...	...	-	-	-	-
SWAZILAND	1972	156 430	...	30 113	100 887	...	25 430	...	...	...	-	-	-	-
NORTH AND CENTRAL AMERICA (1)		306 461	...	50 831	39 992	55 586	41 296	43 425	45 241	17 796	6 506	3 936	840	1 012
PANAMA	16.5.71	306 461	...	50 831	39 992	55 586	41 296	43 425	45 241	17 796	6 506	3 936	840	1 012
SOUTH AMERICA (2)		234 065	20	9 460	12 465	41 145	30 774	27 382	28 654	17 729	14 968	16 905	10 489	24 074
SURINAME	3.11.69	54 090	20	9 460	12 465	20 564	7 771	2 489	1 037	108	72	52	37	24
URUGUAY	July-Sept '70	179 966	...	...	...	20 581	23 003	24 893	27 617	17 621	14 896	16 853	10 452	24 050
ASIA (6)		41 313 260	5 163 956	14 289 893	7 666 279	7 144 339	4 110 20	1 863 102	824 023	157 529	42 421	26 234	25 164	...
BAHRAIN	Nov '73-Oct '74	882	...	67	114	218	191	122	137	33	...	...	...	...
IRAQ	15.10.71	2 029 650	160 927	214 337	287 487	269 868	401 339	365 075	206 274	45 516	27 429	26 234	25 164	...
JAPAN	1.2.70	12 701 389	...	8 056 372	3 446 506	1 004 497	194 114	...	...	...	...	...	...	...
KOREA, Republic of	1.12.70	7 010 200	52 332	4 276 909	2 093 792	445 574	141 593	...	...	...	...	...	...	...
PAKISTAN	1971/73	1 924 490	4 950 697	1 536 368	1 708 723	5 295 814	3 303 554	1 445 510	584 653	99 151	...	...	...	...
SAUDI ARABIA, Kingdom of	May '73-Apr '74	646 649	...	206 920	129 657	128 368	69 529	52 395	32 959	12 829	14 992	...	...	...
EUROPE (5)		11 770 932	73 973	2 688 396	1 034 659	3 430 613	1 813 707	1 397 589	974 916	249 628	80 960	8 173	5 949	12 369
FRANCE	Nov '69-Oct '70	3 078 545	...	...	...	755 392	433 486	720 039	863 050	235 035	71 543	...	...	...
HUNGARY	31.3.72	1 261 900	69 282	1 087 905	72 856	27 536	4 079	226	14	2	...	...	...	...
MALTA	28 Sept '69	23 999	4 691	12 950	5 040	4 954	924	121	10	...	...	...	...	...
PORTUGAL	2.9.68	1 454 126	...	522 810	...	537 750	...	290 355	48 021	14 591	9 417	8 173	5 949	12 369
YUGOSLAVIA	April '69	5 952 362	...	1 064 731	956 763	2 104 981	1 375 218	386 848	63 821	...	...	...	...	...
OCEANIA (1)		482 331	...	2 225	3 605	17 718	18 245	23 926	47 949	58 421	62 131	87 223	58 654	102 234
AUSTRALIA	31.3.71	482 331	...	2 225	3 605	17 718	18 245	23 926	47 949	58 421	62 131	87 223	58 654	102 234

1/ Excluding 33 543 males on holdings of size not reported.

TABLE 10.5 - Female farm population by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	All sizes	Holdings without land	Under 1 ha	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
TOTAL (19)		54 825 005	4 797 224	18 553 053	9 483 453	10 675 549	5 704 249	3 214 326	1 758 236	444 831	180 258	123 764	87 766	106 320
AFRICA (4)		1 889 317	8 575	741 431	385 068	516 166	153 268	76 374	8 435	...	...	...	...	...
LESOTHO	31.7.70	500 143	7 637	229 633	113 862	97 045	51 966	...	...	...	...	...	...	...
LIBERIA	1971	324 622	938	153 430	80 715	65 352	12 108	6 144	8 435	...	...	...	...	...
SIERRA LEONE 1/ SWAZILAND	Dec.'70 1972	639 038 155 454	...	325 139 33 659	190 491 105 846	249 923 ...	89 194 ...	44 281 25 949	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (1)		268 692	...	49 766	35 313	49 189	35 318	39 545	37 301	14 248	5 147	2 645	638	582
PANAMA	16.5.71	268 692	...	49 766	35 313	49 189	35 318	39 545	37 301	14 248	5 147	2 645	638	582
SOUTH AMERICA (2)		190 360	27	9 313	11 372	38 788	27 902	24 239	24 367	13 852	11 580	11 020	5 889	11 313
URUGUAY	3.11.69 July-Sept'70	52 160 138 200	27 ...	9 313 ...	12 078 18 883	19 905 ...	7 261 20 641	2 268 21 971	939 23 428	102 13 743	65 11 515	39 10 981	43 5 848	21 11 292
ASIA (5)		40 228 472	4 714 873	14 904 594	7 680 358	6 575 761	3 697 599	1 682 969	743 770	141 239	37 288	25 472	24 649	...
BAHRAIN	Nov'73-Oct'74	358	...	24	59	88	43	86	27	31	...	...	...	...
INDIA	15 Oct'71	1 943 395	...	203 366	271 190	256 365	384 386	350 848	197 511	43 764	26 640	25 472	24 649	...
JAPAN	1.2.70	13 580 391	157 182	8 688 090	3 635 149	1 056 437	200 715	...	...	...	...	...	...	...
KOREA, Republic of	1.12.70	7 104 967	49 472	4 391 320	2 034 849	436 129	133 227	...	...	...	...	...	...	...
PAKISTAN	1971/73	16 980 544	4 508 249	1 424 517	1 548 975	4 701 326	2 912 893	1 282 089	515 855	86 624	...	...	...	...
SAUDI ARABIA, Kingdom of	May'73-Apr'74	618 717	...	197 255	128 166	125 416	66 369	49 846	30 377	10 640	10 648	...	...	...
EUROPE (5)		11 830 929	73 749	2 845 934	1 087 119	3 479 043	1 773 258	1 370 379	901 369	223 245	71 531	7 493	5 617	12 192
FRANCE	Nov'69-Oct'70	2 890 636	...	1 126 060	75 430	285 564	411 012	672 326	796 126	211 391	64 217	...	...	...
HUNGARY	31.3.72	1 302 582	68 962	126 060	28 056	28 056	3 972	187	12	3	...	...	...	...
ITALY	28.9.69	23 572	...	12 980	4 954	4 694	889	105	10	...	...	...	...	...
PORTUGAL	2.9.68	1 577 948	4 787	588 915	...	505 275	...	314 490	40 014	11 851	7 314	7 493	5 617	12 192
YUGOSLAVIA	April'69	6 036 091	...	1 117 979	986 735	2 125 454	1 357 445	383 271	65 207	...	...	...	...	...
OCEANIA (1)		421 235	...	2 015	3 480	16 593	16 934	21 920	42 994	52 247	54 712	77 134	50 973	82 233
AUSTRALIA	31.3.71	421 235	...	2 015	3 480	16 593	16 934	21 920	42 994	52 247	54 712	77 134	50 973	82 233

1/ Excluding 21 748 persons on holdings of size not reported.

11. AGRICULTURAL POWER AND MACHINERY

Modernization of agricultural production is closely linked with use of mechanical power, machines and equipment on the holding. Machines contribute to raising production by replacing human and animal power from agriculture and increasing labour efficiency and also by facilitating more timely field operations and the reduction of losses in harvesting, transport and storage of agricultural products.

The 1970 Programme recommended that data on source of power, the number of agricultural machines owned by the holder and the principal means used to transport agricultural products from the holding to the first place of sale should be obtained by the census.

11.1 Holdings classified by source of power

Data on the source of power used on holdings were available for only 19 countries (one in Africa, five countries in North and Central America, two countries in South America, four in Asia, four European countries and three countries in Oceania). For these countries the classification of agricultural holdings by source and use of power which appear in Table 11.1 was made on the basis of whether the agricultural work on the holding in the field or on the farmstead was performed by mechanical power, animal power, by a combination of the two or by human power. The information on source of power presented in Table 11.1 cannot be used as indicative of conditions in all countries. The totals do not include major developed countries in which the use of mechanical power is widespread, nor do the totals include many developing countries in Africa and Asia where there is almost complete dependence on human beings as the principal source of power on agricultural holding. The distribution of holdings by source of power used in Table 11.1 does indicate that on about 14 million holdings for 19 countries animal power only was used on 33.9 percent of holdings; animals and machines as the source of power was used on 17.2 percent of holdings and on 4.6 percent of all holdings for 19 countries, machines were the only source of power. The remaining 43.7 percent of holdings relied entirely on human power. Human power was predominant source of power in ten countries, animal power only in four countries, animal and mechanical source of power was reported on the largest proportion of holdings in three countries, and mechanical power only in two countries.

In order to indicate the extent of the use of source of power on different sizes of holdings, distribution of holdings reporting "use of human power only, mechanical power only, animal power only and combined animal and mechanical power", has been assembled and presented in separate tables. In Table 11.2 the distribution of holdings using only human power was shown for 17 countries. Although there was no information for any African country where usually human power is used in majority of agricultural operations, data in this table indicate that on small holdings with land less than 5 ha human beings were a predominant source of power. Of the total of about 5.1 million holdings on which human power only is used, holdings with less than 5 ha comprise around 59.9 percent, while holdings with land larger than 500 ha comprise only 1 percent. In Table 11.3 the distribution of holdings using only mechanical power for 14 countries was presented showing that holdings from 5 to 50 ha comprised 44.2 percent of all holdings reporting the use of mechanical power only and holdings with more than 100 ha comprise 4.4 percent of all holdings using mechanical power. The distribution of holdings by use of animal power as the only source of power on holdings by size of holding and the distribution of holdings using animal and mechanical power combined, by size of holding, are shown in Table 11.4 and Table 11.5, respectively.

Data on the distribution of holdings by source of power and by size of holdings presented in details in the above-mentioned tables are summarized in Table 24.

Table 24 - Percentage distribution of holdings by source of power and by size for developed and developing countries

	Total number of holdings reporting (000)	Size of holdings					
		All holdings	Under 1 ha	1 and under 5 ha	5 and under 20 ha	20 and under 100 ha	100 ha and over
..... Percent							
Developed countries (4)							
Total	5 068	100.0	100.0	100.0	100.0	100.0	100.0
Human power only	814	16.1	28.4	5.0	7.5	4.5	1.2
Mechanical power only	372	7.3	7.2	6.4	7.5	26.7	19.0
Animal power only	1 767	34.9	21.6	49.9	41.4	33.0	4.4
Animal and mechanical power ...	2 115	41.7	42.7	38.8	43.5	35.8	75.4
Developing countries (13)							
Total	8 106	100.0	100.0	100.0	100.0	100.0	100.0
Human power only	4 261	52.6	70.2	54.1	41.9	51.6	59.2
Mechanical power only	514	6.3	3.2	4.7	9.7	6.2	7.6
Animal power only	2 844	35.1	21.8	37.2	41.1	34.5	22.8
Animal and mechanical power ...	488	6.0	4.8	4.1	7.2	7.7	10.4

Although data in Table 24 are limited to only four developed and thirteen developing countries (see list of countries in Table 11.2) a large difference can be noted between the two groups, particularly in the extent of use of mechanical power and human power only. While mechanical power (mechanical power only plus animal and mechanical power) was reported by 49 percent of agricultural holdings in developed countries and by 12 percent in developing countries, human power was the only source of power in 16 percent of holdings in developed countries and in 53 percent of holdings in developing countries. These differences are much larger than differences in source of power in different size classes.

11.2 Agricultural machines on holding

Available information on number of tractors and on electric power which are relatively the most important indicators of mechanization in agricultural operations on holdings had been presented in Table 11.6. The number of tractors was classified according to type, and information on holdings using electric power was presented according to whether electric power used was produced on the holding or purchased outside the holding. The number of tractors was available for 50 countries. Data generally refer to the number of tractors owned by the holder, while for 16 countries data collected refer to the number of tractors found on the holding on census day irrespective of ownership. Data on type of tractors were available for 33 countries but some of these reported tracklaying and wheel tractors together while some others did not report power tillers. The totals calculated in Table 11.6 give only a rough indication of different types of tractors in reporting countries.

For example, it shows that tracklaying tractors represent 2 percent of all tractors on holdings reporting, wheel tractors 83 percent, and power-tillers and other single-axle tractors 15 percent.

Data on use of electric power, purchased or produced on the holding were assembled for only 11 countries which give a very rough indication that electric power is used very rarely in agricultural holdings of some countries. While the 1970 Programme suggested that information on electric power be restricted to the use for agricultural work only, a number of countries used different concepts including also power used in the residential part of the farmstead. Czechoslovakia, for example, reported all agricultural holdings as using electric power. Also Finland and Yugoslavia appear to have included other uses of electric power. Among six countries reporting both, holdings purchasing and holdings producing electric power, only Finland and Peru reported more holdings producing electric power while in Brazil, Jordan, Kuwait and Panama holdings purchasing electric power prevailed.

An attempt was made to assemble data on number of holdings using tractors by type of ownership of tractors used. Fragmentary data were available for 11 countries only and were presented in Table 11.7. In four European countries (Finland, France, Fed. Rep. of Germany and Luxembourg) and in American Samoa, holders were using mostly tractors owned while in Costa Rica, Philippines and Kingdom of Saudi Arabia tractors used were provided mostly by private contractors.

Information on the number of tractors owned by the holder and its distribution by size of holding was presented in Table 11.8. Out of about 11.4 million tractors in 45 countries for which data were available, around 3.9 million tractors or 35 percent were owned by holdings with land less than 5 ha and around 1.8 million tractors or 16 percent were owned by large holdings with land more than 200 ha. This distribution is likely to be or to some extent distorted because usually small holdings use tractors of smaller horsepower than those large holdings which primarily keep tractors with more than 80 hp.

Data on the number of principal machines used on holdings were presented in Table 11.9. In this table data are shown on number of mowers (tractor-operated) for 12 countries, combines for 25 countries, threshers for 12 countries, cultivators (tractor-operated) for 6 countries and fertilizer distributors for 12 countries.

11.3 Principal means of transport

The 1970 Programme recommended the collection of information on general transport facilities including private and public transport means used to transport agricultural products from the holding to the first place of sale.

Six countries provided information on the principal means of transport for products sold outside the holding and the distribution of holdings which reported the data is presented in Table 11.10. These six countries reported that out of about 2.8 million holdings selling products, 66 percent transported their products to the first place of sale by foot, 3.4 percent by motor vehicle, 2.6 percent by pack animals, 1.8 percent by carts, and only 0.5 percent by bicycle (the remaining 0.2 percent by boats and 25.1 percent by means other than those mentioned or by their combination).

Data on distribution of holdings reporting principal means of transport by size classes of holdings were available for three countries only (El Salvador, Panama and Suriname) but are not presented in this report.

TABLE 11.1 - Number and percentage of holdings reporting use of power, by source of power

Number: in thousands

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings reporting				Percent					
		Total	Mechanical power only	Animal power only	Animal and mechanical power	Human power only	Total number of holdings reporting	Mechanical power only	Animal power only	Animal and mechanical power	Human power only
TOTAL (19)		14 191	659	4 808	2 520	6 204	100.0	4.6	33.9	17.8	43.7
AFRICA (1)		1 017	-	310	-	757	100.0	-	29.1	-	70.9
ASIA (1)	1969/70	1 057	-	310	-	757	100.0	-	29.1	-	70.9
NORTH AND CENTRAL AMERICA (5)		1 782	88	553	89	952	100.0	4.9	36.6	5.0	53.4
COSTA RICA	1973	82	3	4	5	70	100.0	3.5	4.9	6.1	85.4
HONDURAS	1971	304	12	97	12	133	100.0	3.9	31.9	3.9	60.2
NICARAGUA	1970/71	271	3	76	13	179	100.0	1.1	23.0	4.8	66.1
EL SALVADOR	1970	1 020	63	468	58	431	100.0	6.2	45.9	5.7	42.2
PANAMA	1971	105	7	8	1	59	100.0	6.7	7.5	1.0	81.7
SOUTH AMERICA (2)		6 029	142	2 008	219	3 620	100.0	2.4	33.3	4.1	60.2
PERU	1970	4 221	112	1 175	133	3 273	100.0	2.3	27.9	3.9	65.9
CHILE (4)	1971/72	1 105	30	523	51	307	100.0	2.7	57.2	5.1	35.0
INDONESIA (4)		2 205	57	71	57	73	100.0	2.6	23.8	23.1	18.1
BRUNAI	1973/74	1	1	-	-	-	100.0	89.1	-	-	10.9
INDONESIA	1971	2 200	260	141	103	65	100.0	41.1	23.9	17.5	11.5
BRUNAI	1975	55	17	12	13	7	100.0	30.1	21.4	33.9	12.5
SAUDI ARABIA, Kingdom of	1973/74	184	33	19	16	35	100.0	21.0	32.5	23.5	19.9
TROPIC (4)		5 035	139	1 765	2 115	815	100.0	7.3	31.8	31.7	15.1
GUINEA	1970	124	52	130	15	72	100.0	34.2	17.7	8.7	39.7
GUINEA-BISSAU	1970	1 270	51	151	80	302	100.0	5.5	12.5	50.1	21.3
GUINEA-BISSAU	1968	513	67	233	233	203	100.0	6.9	30.7	36.1	25.0
GUINEA-BISSAU	1969	2 500	160	1 381	922	217	100.0	6.2	30.0	35.5	18.3
EUROPE (3)		7	-	-	-	7	100.0	4.4	0.8	4.3	90.5
MEDITERRANEAN EUROPE	1970	2	-	-	-	2	100.0	4.3	1.3	0.6	93.7
PACIFIC ISLANDS (BRITISH TERRITORY)	1970	1	-	-	-	1	100.0	8.5	2.1	6.8	82.7
PACIFIC ISLANDS (BRITISH TERRITORY)	1970	6	-	-	-	6	100.0	3.2	-	5.4	91.2

1/ Traditional sector.

TABLE 11.2 - Holdings reporting human power only, by size of holding

Countries by continents (number of reporting countries is given in parentheses)	Census year	Holdings reporting human power only												
		Total	Without land	Under 1 ha	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
TOTAL (17)		5 074 581	52 121	1 308 615	698 900	980 690	484 020	569 908	455 365	239 014	135 849	99 509	29 641	20 949
NORTH AND CENTRAL AMERICA (5)		5 21 416	4 510	175 788	199 289	50 616	26 980	23 156	24 881	9 774	8 953	1 948	375	146
COSTA RICA	1973	70 256	4 510	13 776	6 796	11 656	7 656	7 286	10 346	4 599	2 131	1 172	241	87
DOMINICAN REPUBLIC	1971	183 231	-	41 245	141 986	...	-	-	-	-	-	-	-	-
EL SALVADOR	1970/71	178 901	-	101 235	37 075	22 449	8 065	4 677	3 552	1 052	510	236	33	17
PANAMA	1970/71	88 876	-	19 468	13 432	16 467	11 240	11 180	10 978	4 120	1 310	538	101	42
VIRGIN ISLANDS (U.S.)	1970	152	-	64	-	44	19	13	5	3	2	2	...	-
SOUTH AMERICA (2)		3 611 230	-	463 376	444 667	878 995	431 726	461 084	424 033	228 228	131 592	97 492	29 244	20 793
BRASIL 1/	1970	3 224 419	-	379 305	444 667	698 614	431 726	378 965	424 033	197 029	131 592	90 710	26 985	20 793
PERU	1972	386 811	-	84 071	-	180 381	-	82 119	-	31 199	-	6 782	2 259	...
ASIA (3)		121 661	40 668	29 201	16 035	12 006	10 813	8 667	3 421	610	222	14	4	...
BAHRAIN	1974	93	-	31	26	26	10	...	-	-	-	-	-	-
IRAQ	1971	85 852	40 668	19 622	11 761	5 113	4 296	3 360	941	55	18	14	4	...
SAUDI ARABIA, Kingdom of	1970	35 716	-	9 548	4 248	6 867	6 507	5 307	2 480	555	204	...	...	...
EUROPE (4)		814 035	6 943	638 633	38 909	36 075	13 601	76 630	2 816	263	82	55	18	10
BELGIUM	1970	72 958	4 378	41 158	9 871	11 153	4 354	1 585	410	41	8	...	-	-
CZECHOSLOVAKIA	1970	321 770	-	321 770	...	-	-	-	-	-	-	-	-	-
PORTUGAL	1968	202 534	2 565	125 900	...	-	-	72 600	1 090	222	74	55	18	10
YUGOSLAVIA	1969	216 773	-	149 805	29 038	24 922	9 247	2 445	1 316	...	-	-	-	-
OCEANIA (3)		6 239	-	1 617	-	2 998	900	371	214	139	...	-	-	-
AMERICAN SAMOA	1969	1 796	-	937	-	707	71	77	3	1	...	-	-	-
GUAM	1969	927	-	458	-	378	44	21	18	8	...	-	-	-
PACIFIC ISLANDS (TRUST TERRITORY)	1969	3 516	-	222	-	1 913	785	273	193	130	...	-	-	-

1/ Excluding 18 125 holdings of size not reported.

TABLE 11.3 - Holdings reporting mechanical power only, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Holdings reporting mechanical power only												
		Total	Without land	Under 1 ha	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
TOTAL (14)		886 219	1 432	195 417	88 488	146 158	159 476	154 681	77 458	23 948	14 373	13 377	5 629	5 782
NORTH AND CENTRAL AMERICA (5)		73 063	8	1 559	1 711	18 799	46 141	1 517	1 505	784	429	372	149	89
COSTA RICA	1973	2 644	8	268	343	678	430	324	291	133	71	73	19	6
EL SALVADOR	1970/71	2 741	-	949	536	491	174	134	139	108	63	88	34	25
MEXICO	1970	1/60 711	-	-	-	16 218	44 493	...	-	-	-	-	-	-
PANAMA	1970/71	6 908	-	340	832	1 402	1 039	1 047	1 064	539	289	207	91	58
VIRGIN ISLANDS (U.S.)	1970	59	-	2	-	10	5	12	11	4	6	4	5	...
SOUTH AMERICA (2)		142 008	-	5 782	3 111	27 144	13 445	23 809	21 283	15 727	10 416	11 387	4 728	5 176
BRASIL	1970	112 355	-	2 089	3 111	13 401	13 445	15 853	21 283	12 877	10 416	10 282	4 422	5 176
PERU	1972	29 653	-	3 693	-	13 743	-	7 956	-	2 850	-	1 105	306	...
ASIA (3)		298 970	1 319	23 690	41 304	46 381	68 022	70 455	39 020	4 973	2 547	841	408	...
BAHRAIN	1974	515	-	114	95	196	72	28	9	1	-	-	-	-
IRAC	1971	260 085	1 319	12 835	34 387	38 038	63 314	66 972	36 530	3 979	1 462	841	408	...
SAUDI ARABIA, Kingdom of	1970	38 370	-	10 741	6 822	8 147	4 636	3 465	2 481	993	1 085	...	-	-
EUROPE (4)		372 178	105	164 386	42 362	53 834	31 868	58 890	15 650	2 454	981	777	344	517
BELGIUM	1970	62 619	66	5 567	3 010	6 882	12 185	19 616	13 237	1 799	257	...	...	...
CZECHOSLOVAKIA	1970	82 494	-	72 823	4 076	2 864	1 385	...	445	144	292	342	79	44
PORTUGAL	1968	66 741	39	29 105	-	-	-	-	1 039	319	174	140	57	33
YUGOSLAVIA	1969	160 324	-	56 891	35 276	44 088	18 298	3 439	929	202	258	295	208	440

1/ Excluding 1 965 holdings "Ejidios and communes".

TABLE 11.4 - Holdings reporting animal power only, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Holdings reporting animal power only												
		Total	Without land	Under 1 ha	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
TOTAL (13)		4 610 660	9 305	703 403	453 623	1 404 772	721 035	722 709	353 461	131 841	57 052	37 425	10 677	5 357
NORTH AND CENTRAL AMERICA (5)		636 159	27	35 777	107 598	310 219	168 214	5 790	5 257	1 919	854	405	75	24
COSTA RICA	1973	3 482	27	157	157	420	425	571	787	426	272	182	37	21
DOMINICAN REPUBLIC	1971	96 870	-	8 406	88 464	•••	-	3 509	2 645	777	-	144	25	1
EL SALVADOR	1970/71	75 771	-	27 009	18 436	16 898	6 004	•••	•••	•••	-	-	-	-
MEXICO	1970	1/451 733	-	205	541	291 421	160 312	•••	1 825	716	259	79	13	2
PANAMA	1970/71	8 303	-	-	-	1 480	1 473	1 710	-	-	-	-	-	-
SOUTH AMERICA (2)		2 007 797	-	118 876	39 574	569 410	256 399	463 883	323 014	128 261	55 666	36 822	10 568	5 324
BRASIL	1970	1 376 168	-	15 024	39 574	193 820	256 399	337 486	323 014	106 059	55 666	34 144	9 658	5 324
PERU	1972	631 629	-	103 852	-	375 590	-	126 397	-	22 202	-	2 676	910	•••
ASIA (2)		199 711	8 976	57 910	44 079	33 032	35 187	15 891	3 965	508	145	13	5	•••
IRAQ	1971	141 177	8 976	29 189	31 211	24 242	31 047	13 332	2 849	253	60	13	5	•••
SAUDI ARABIA, Kingdom of	1970	58 534	-	28 721	12 868	8 790	4 140	2 559	1 116	255	85	•••	-	-
EUROPE (4)		1 766 993	302	490 840	262 372	492 111	261 235	237 145	21 225	1 153	387	185	29	9
BELGIUM	1970	32 469	98	2 248	2 268	9 728	12 861	4 933	321	10	2	•••	-	-
CZECHOSLOVAKIA	1970	184 242	-	128 755	18 961	24 224	10 915	1 387	•••	•••	-	•••	-	-
PORTUGAL	1968	249 265	204	89 790	-	-	-	152 270	5 250	1 143	385	185	29	9
YUGOSLAVIA	1969	1 301 017	-	270 047	241 143	458 159	237 459	78 555	15 654	•••	-	-	-	-

1/ Excluding 16 308 holdings "Ejidos and communes".

TABLE 11.5 - Holdings reporting animal and mechanical power, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Holdings reporting animal and mechanical power												
		Total	Without land	Under 1 ha	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
TOTAL (13)		2 602 965	214	1 018 540	213 101	495 292	349 458	338 606	91 917	35 242	21 035	21 460	10 523	7 577
NORTH AND CENTRAL AMERICA (5)		88 598	19	15 714	3 296	25 944	1 682	1 933	1 095	717	699	251	212	
COSTA RICA	1973	5 180	19	212	226	554	596	1 012	643	448	502	198	186	
DOMINICAN REPUBLIC	1971	12 212	-	12 212	...	-	-	-	-	-	-	-	-	
EL SALVADOR	1970/71	13 455	-	3 271	3 016	3 576	844	650	301	207	168	47	20	
MEXICO	1970	1 56 566	-	19	54	21 694	...	...	271	62	29	6	6
PANAMA	1970/71	1 185	-	7 425	1 210	38 712	51 184	55 760	29 135	17 655	17 064	7 125	5 581	
SOUTH AMERICA (2)		248 668	-	428	1 210	9 000	36 144	55 760	25 889	17 655	16 378	6 838	5 581	
BRASIL	1970	2/192 700	-	6 997	29 712	15 040	15 040	15 040	3 246	686	686	287	...	
PERU	1972	55 968	-	25 649	26 077	25 599	26 986	13 218	1 720	631	222	36	...	
ASIA (2)		150 642	150	5 414	12 379	15 866	25 960	12 718	1 521	411	222	36	...	
IRAQ	1971	102 592	-	20 235	13 698	9 733	1 026	500	199	220	...	-	...	
SAUDI ARABIA, Kingdom of	1970	48 050	-	969 752	182 518	405 037	258 754	21 006	3 292	2 032	3 475	3 111	1 784	
EUROPE (4)		2 115 057	45	92	224	1 036	7 345	3 121	372	108	...	...	...
BELGIUM	1970	15 959	1	819 682	24 246	20 976	9 659	2 559	110	455	2 358	2 563	1 348	
CZECHOSLOVAKIA	1970	883 956	-	68 980	158 048	383 025	207 375	10 337	2 810	1 489	1 117	548	436	
PORTUGAL	1968	293 116	44	80 998	158 048	383 025	44 033	4 989	...	...	-	-	-
YUGOSLAVIA	1969	922 026	-	-	-	-	-	-	-	-	-	-	-	

1/ Excluding 1 925 holdings of size not reported. 2/ Excluding 25 holdings of size not reported.

TABLE 11.6 - Tractors owned by the holders and electric power

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Tractors					Number of holdings reporting electric power	
		Number of holdings reporting	Total number	Track laying tractors	Wheel tractors	Power tillers and similar	Purchased	Produced on the holdings
TOTAL (51)		8 742 256	16 128 338	233 329	8 863 953	1 620 437	...	...
AFRICA (5)		1 116	162 019	267	2 134	91	...	...
BOTSWANA	1969	...	1 544	1/4	1/256	...	...	...
LESOTHO	31 Jul '70	380	380	...	...	...	...	...
SOUTH AFRICA	31 Aug '71	...	157 127	...	...	...	...	...
SWAZILAND	1971/72	2/736	1 812	3/68	3/1 008	...	...	...
ZAIRE	1970	...	1 156	195	870	91	...	...
NORTH AND CENTRAL AMERICA (12)		2 533 579	5 354 046	160 867	4 188 062	286 395	...	...
CANADA	1 Jun '71	4/320 709	5/620 151	...	596 698	23 453	6/3 651	...
COSTA RICA	14-19 May '73	3 764	5 432	...	...	...	...	...
DOMINICAN REPUBLIC 1/	1 Sept '71	...	2 511	345	2 166	...	...	...
EL SALVADOR	1970/71	4/1 378	5/3 799	...	8/2 642	1 157	...	...
HONDURAS	1974	...	5/2 746	...	...	...	...	...
JAMAICA	1 Dec '68	...	1 745	...	...	...	...	...
MEXICO	1970	...	5/91 354	...	...	...	...	...
PANAMA	May '71	1 303	2 416	...	2 416	...	389	113
PUERTO RICO 9/	15 Mar '70	10/1 012	5/4 117	1 430	2 687	...	...	...
ST. LUCIA	1973/74	...	5/41	13	23	5	...	...
UNITED STATES	31 Dec '69	2 205 375	4 619 672	11/159 079	11/3 581 430	261 780	...	...
VIRGIN ISLANDS (U.S.)	May '70	34	5/62	...	...	...	...	...
SOUTH AMERICA (4)		122 675	204 700	836	8 393	24	160 884	43 247
BRAZIL	1970	117 410	5/165 870	...	...	...	159 941	41 554
PERU	Jul '71-Jun '72	5 265	8 352	772	7 580	...	943	1 693
SURINAME	Nov '69	...	901	64	813	24	...	...
URUGUAY	Jul-Sep '70	...	5/29 577	...	...	...	...	...
ASIA (9)		2 931 303	3 509 064	428	4 948	11 286	581	113
BAHRAIN	1.11.73- 31.10.74	...	...	...	...	...	182	...
INDONESIA 12/	1973	1 801	3 336	316	1 545	1 475	...	...
IRAQ	Oct '70-Sep '71	8 103	8 725	...	...	...	...	...
JAPAN	1969	2 911 356	3 451 799	...	...	...	...	...
JORDAN	1975	...	1 052	13	1 004	35	174	105
KOREA, Rep. of	1.12.70	13/9 486	11 539	...	8/1 763	9 776	...	...
KUWAIT	1 May-15 Jun '70	7	9	...	...	...	225	8
PAKISTAN	30.6.73	...	31 869	...	...	...	...	...
SAUDI ARABIA, Kingdom of	May '73-Apr '74	10/550	735	99	636	...	...	...
EUROPE (19)		2 966 658	6 452 045	32 461	4 275 481	1 299 582	3 612 358	229 219
AUSTRIA	1 June '70	205 671	272 751	...	8/250 188	22 263	...	...
BELGIUM	1970	4/71 001	94 542	...	8/87 791	6 751	...	...
CZECHOSLOVAKIA	1 Jan '71	27 907	152 784	17 353	128 072	7 359	1 472 462	...
DENMARK	3 July '70	121 823	5/174 639	...	...	...	...	...
FINLAND	15 Jun '69	10/133 675	151 833	...	151 833	...	143 666	229 219
FRANCE	Nov '69-Oct '70	4/964 609	1 547 007	...	8/1 249 807	297 200	...	...
GERMANY, Fed Rep of	Jan-Dec '71	4/885 002	1 413 343	...	8/1 263 550	149 793	...	...
HUNGARY	31 Mar '72	3 018	66 847	7 682	58 365	800	...	...
ITALY	1.11.69- 31.10.70	...	1 331 081	...	8/650 474	680 607	...	...
LUXEMBOURG	15 May '70	5 952	8 453	...	8 133	320	...	...
MALTA	28 Sep '69	...	5/2 043	19	2 024	...	...	...
NETHERLANDS	1.5.69 - 30.4.70	...	139 874	522	139 352	...	...	...
NORWAY	20 Jun '69	89 205	105 474	...	8/86 722	18 752	...	...
POLAND	1970	...	52 263	...	46 419	5 844	...	...

(continued)

TABLE 11.6 - Tractors owned by the holders and electric power

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Tractors					Number of holdings reporting electric power	
		Number of holdings reporting	Total number	Track laying tractors	Wheel tractors	Power tillers and similar	Purchased	Produced on the holdings
<u>EUROPE (cont'd)</u>								
PORTUGAL	1.11.67- 31.10.68	4/14 003	19 243	1 848	15 191	2 204	6/98 767	...
SWEDEN	24 June 71	113 113	166 945	...	...	...	...	...
SWITZERLAND	30 June 69	4/61 479	5/179 598	...	8/71 909	107 689	...	...
UNITED KINGDOM	1970	230 017	5/502 637	...	...	...	...	...
YUGOSLAVIA	1969	40 183	5/70 688	5 037	65 651	...	5/1 897 463	...
<u>OCEANIA (2)</u>								
AUSTRALIA	31.3.71	186 925	446 464	38 470	384 935	23 059	...	...
NEW ZEALAND	1972	...	5/96 666	12 566	84 100	...	...	...

1/ Freehold farm. 2/ Subsistence sector. 3/ Modern sector. 4/ Datum refers to track-laying and wheel tractors.
5/ Tractors on the holdings. 6/ Includes holdings with electric power produced on the holding. 7/ On holdings of 0.5
ha and over. 8/ Track-laying and wheel tractors. 9/ Holdings with sales of US \$1 200 and over. 10/ Datum refers to
wheel tractors. 11/ Holdings with sales of US \$2 500 and over. 12/ Estates only. 13/ Datum refers to power tillers.

TABLE-11.7 Number of holdings using tractors classified by type of ownership of tractors

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings reporting use	Number of holdings reporting use of tractors which was:					
		Owmed solely by the holder	Owmed jointly by the holder and others	Provided by the landlord	Provided by private contractors	Provided by coopera- tives	Provided under Government sponsored projects
<u>TOTAL</u> (11)	...	2 309 419	51 598	4 320	306 383	843 071	63
<u>NORTH AND CENTRAL AMERICA</u> (1)	6 544	2 083	199	...	4 262	...	...
COSTA RICA	6 544	2 083	199	...	4 262	...	...
<u>SOUTH AMERICA</u> (2)	...	5 966	63	...	7 851	...	...
PERU	75 278	5 265	...	...	...	...	...
SURINAME	...	701	63	...	7 851	...	...
<u>ASIA</u> (2)	...	12 075	138	4 286	135 655	955	14
PHILIPPINES	...	11 478	28	4 125	73 497	...	...
SAUDI ARABIA, Kingdom of	...	597	110	161	62 158	955	14
<u>EUROPE</u> (4)	...	1 989 238	51 192	...	158 615	842 116	...
FINLAND	...	133 675	6 562	...	118 545	...	...
FRANCE	...	964 609	31 918	...	...	822 866	...
GERMANY, Federal Republic of	...	1/885 002	1/12 664	...	1/40 070	1/19 250	...
LUXEMBOURG	2/6 000	5 952	48	...	...	...	...
<u>OCEANIA</u> (2)	146	57	6	34	...	...	49
AMERICAN SAMOA	63	30	3	1	...	...	29
GUAM	83	27	3	33	...	...	20

1/ Wheel and tracklaying tractors. 2/ Four wheel tractors.

TABLE 11.8 - Number of tractors owned by the holder, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of tractors owned by the holder	Number of tractors on holding with land of:										500 and under 1 000 ha	1 000 ha and over
		Under 1 ha	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			
TOTAL (45)	11 375 421	1 593 296	1 487 848	862 501	653 188	950 409	1 332 796	1 373 204	1 285 539	878 373	710 006	248 261	
AFRICA (2)	1 445	134	128	118	-	43	43	43	102	98	101	678	
LESOTHO	380	134	128	118	-	43	43	43	102	98	101	678	
ZAIRE 1/	1 065												
NORTH AND CENTRAL AMERICA (9)	4 415 654	1 335	296	60 490	62 192	190 724	599 356	1 112 003	1 103 959	699 267	584 912	1 118	
CANADA 2/	596 698	1 102	212	5 680	443	39 442	598	187 013	166 654	117 062	79 745	...	
COSTA RICA	5 432	189	60	523	147	452	335	526	454	739	477	819	
EL SALVADOR 2/	2 642	39	26	123	54	167	62	292	206	504	363	299	
JAMAICA	1 745	26	17	17	61	42	97	97	206	1 241	...	...
MEXICO 3/	64 408	1	1	3 062	61 346	...	199	432	566	1 047	1 508	...	
PUERTO RICO	4 117	1	1	7	191	166	8	150 445	935 758	578 628	502 819	...	
ST. LUCIA	41	-	-	-	8	10	13	7	4	18	...	...
UNITED STATES 4/	3 740 509	4	4	51 075	3	3	3	3	24 969	31 692	18 185	26 421	
VIRGIN ISLANDS (U.S.)	62								21 008	27 158	15 453	21 828	
SOUTH AMERICA (3)	196 343	301	1 004	5 480	8 866	17 228	35 568	26 629	21 008	40	43	89	
BRASIL 5/	165 865	291	969	4 454	6 438	14 159	31 209	22 898	21 008	4 494	2 689	4 504	
SURINAME	901	10	35	177	245	115	106	10	3 930	2 309	2 026	742	
URUGUAY	29 577	10	35	177	245	115	106	10	3 930	2 309	2 026	742	
ASIA (5)	3 387 269	1 530 493	1 344 932	418 018	63 667	8 007	11 818	4 907	350	2 309	2 026	742	
ISRAEL	13 558	788	1 103	4 187	1 163	750	282	55	153	2 309	2 026	742	
JAPAN 6/	3 329 568	1 523 966	1 339 773	407 650	58 159	...	...	...	...	...	...	...
KOREA, Republic of	11 539	4 025	3 574	3 840	...	...	...	...	...	...	...	...
PAKISTAN	31 869	1 640	302	2 226	4 272	7 182	11 443	4 804	...	...	...	...
SAUDI ARABIA, Kingdom of	735	54	80	115	73	75	93	48	...	...	...	...
EUROPE (14)	3 047 971	60 749	140 742	373 366	509 682	720 303	652 237	188 169	111 809	79 263	59 168	152 483	
AUSTRIA	272 751	6 124	11 100	35 392	46 846	73 951	78 463	13 112	4 300	3 463	...	...
BELGIUM 2/	87 791	1 696	1 767	7 023	16 179	30 032	24 627	5 146	1 321	...	...	...
CZECHOSLOVAKIA	152 784	7 414	2 865	4 612	3 971	1 688	1 630	1 688	2 983	24 146	42 164	61 310	
FINLAND	151 833	2 471	2 471	15 179	47 261	56 692	25 380	3 610	16 000	...	...	...
GERMANY, Federal Republic of	1 413 343	34 607	94 622	226 438	265 317	395 913	330 791	49 655	16 000	...	...	...
HUNGARY	66 847	79	5	...	1	8	36	62	149	524	2 637	63 346	
LUXEMBOURG 1/	8 133	143	199	553	802	1 619	4 129	688	...	...	...	...
NORWAY	105 474	...	7 597	28 724	35 366	21 343	10 787	1 657	...	...	...	...
POLAND	52 263	...	3 498	5 903	10 885	23 006	8 971	...	...	...	...	...
PORTUGAL	19 243	1 318	...	2 780	...	5 785	2 386	1 269	1 010	1 355	1 148	2 192	
SWEDEN	166 945	2 956	13 434	13 434	27 423	39 405	53 696	19 244	10 787	...	...	...
SWITZERLAND 2/8/	71 253	1 350	1 792	5 588	16 373	30 453	14 052	1 303	253	89	...	3 363	
UNITED KINGDOM 2/	408 623	6 118	9 481	19 271	19 783	35 859	95 694	89 926	72 335	46 824	9 969	22 272	
YUGOSLAVIA	70 688	1 900	2 388	8 469	19 475	6 237	1 595	809	1 431	2 862	3 250	66 819	
OCEANIA (3)	326 739	284	744	5 029	8 781	14 147	33 774	41 453	44 350	65 744	45 614	66 819	
AUSTRALIA 2/	326 739	284	744	5 029	8 781	14 147	33 774	41 453	44 350	65 744	45 614	66 819	

1/ Modern sector. 2/ Wheel and track-laying tractors. 3/ Excluding 26 946 tractors in Ejidos and communes. 4/ Holdings with sales of US \$2 500 and over. 5/ Excluding 5 tractors of size not reported. 6/ Farm household. 7/ Wheel tractors. 8/ Excluding horticultural holdings. 9/ England and Wales.

TABLE 11.9 - Number of mowers, combines, threshers, cultivators and fertilizer distributors owned by the holders

Countries by continents (number of reporting countries is given in parenthesis)	Mowers (tractor operated)		Combines		Threshers		Cultivators (tractor operated)		Fertilizer distributors	
	Number of holdings reporting	Number of mowers	Number of holdings reporting	Number of combines	Number of holdings reporting	Number of threshers	Number of holdings reporting	Number of cultivators	Number of holdings reporting	Number of distributors
TOTAL (30)	346 144	1 034 017	1 024 753	1 255 261	541 710	1 201 461	39 053	165 121	300 692	441 613
AFRICA (1)	...	...	...	16 028	...	...	...	...	...	...
SOUTH AFRICA	...	...	...	16 028	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (5)	...	12 189	550 807	615 602	171	3 289	...	57 283	234	502
CANADA 1/	...	...	151 142	162 751	...	...	...	...	...	...
EL SALVADOR 1/	...	...	35	66	171	225	...	...	234	498
MEXICO 1/	...	12 189	...	6 984	...	3 064	...	57 271	...	...
ST. LUCIA 1/	...	...	...	...	...	...	...	12	...	4
UNITED STATES 1/ 2/	...	...	399 630	445 801	...	...	...	...	...	...
SOUTH AMERICA (3)	34	7 164	72 167	103 495	128	487	...	...	...	4 707
BRAZIL 1/	...	...	72 104	98 184	...	...	...	...	...	...
SURINAME 1/	34	49	63	108	128	129	...	...	...	...
URUGUAY 1/	...	7 115	...	5 203	...	358	...	...	...	4 707
ASIA (5)	10	2 075	38 280	38 353	507 285	515 368	...	6 664	...	1 458
ISRAEL 1/	...	2 048	...	...	...	...	...	6 664	...	1 458
JAPAN	...	...	38 230	38 295	...	...	...	...	...	...
JORDAN	...	...	32	36	181	181	...	...	...	...
KOREA, Republic of	...	...	...	...	507 083	515 162	...	...	...	...
SAUDI ARABIA, Kingdom of	10	27	18	22	21	25	...	...	...	...
EUROPE (17)	346 100	1 012 589	363 499	481 783	34 126	682 317	39 053	101 174	300 458	434 946
AUSTRIA	118 470	121 485	...	21 287	...	...	...	...	63 887	65 695
BELGIUM	...	...	5 169	5 971	...	...	...	...	...	...
CZECHOSLOVAKIA	...	...	5 860	15 557	29 436	34 610	...	...	...	...
DENMARK 1/	...	...	45 881	42 253	...	...	...	...	...	...
FINLAND	...	9 703	...	27 876	...	...	...	...	...	36 237
FRANCE	85 683	86 441	96 800	100 431	...	...	...	...	111 065	114 275
GERMANY, Federal Republic of	...	...	137 266	140 438	...	...	...	...	...	...
HUNGARY	...	15 713	...	18 413	...	...	...	10 443	...	10 068
ITALY	...	...	...	18 343	...	14 516	...	...	...	...
LUXEMBOURG	...	...	2 427	1 974	...	...	...	...	3 820	3 592
NETHERLANDS 1/	...	...	...	7 500	...	991	...	...	...	...
NORWAY	...	15 547	13 151	10 851	...	...	...	...	...	53 480
POLAND	...	567 836	...	...	...	627 251	...	...	...	...
PORTUGAL	...	...	1 311	1 617	4 690	4 949	...	...	...	...
SWITZERLAND 1/	...	...	3 923	4 117	...	...	...	...	...	...
UNITED KINGDOM 1/	3/141 747	195 864	51 711	65 155	...	...	3/39 053	45 195	3/121 686	146 608
YUGOSLAVIA 1/	...	...	...	...	...	...	...	45 536	...	4 991

1/ Data refer to number of machines on the holding. 2/ Holdings with sales of US \$2 500 and over. 3/ Excluding Northern Ireland.

TABLE 11.10 - Means used to transport products from holding to first place of sale

Countries (number of reporting countries is given in parenthesis)	Total number of holdings reporting	Number of holdings reporting principal means of transport							By other means
		On foot	On pack animals	By carts or wagons	By bicycle	By motor vehicle	By boat		
TOTAL (6)	2 832 540	1 879 998	73 609	50 961	14 684	97 460	5 765	710 063	
GABON	63 033	50 566	1/7 129	...	...	...	5 338	-
ZAIRE 2/	2 536 616	1 788 771	2 324	1 015	14 465	25 914	-	2/704 127	
EL SALVADOR	128 348	12 732	36 255	48 632	-	28 543	-	2 186	
PANAMA	21 292	4 196	6 498	-	-	7 213	-	3 385	
SURINAME	2 600	85	-	157	138	1 553	427	250	
JORDAN	80 651	23 648	21 403	1 157	91	34 237	-	115	

1/ Or by automobiles. 2/ Data refer to traditional sector. 3/ Includes 660 506 holdings reporting combination of previous means.

12. FERTILIZERS AND SOIL DRESSINGS

Use of fertilizers and soil dressings is essential for properly balanced nutrients in plant production. Chemical fertilizers and, in some cases, farmyard and green manure are essential for increasing food production and are used in large quantities in almost all countries. Lime, gypsum, microbiologic and other soil dressings are also needed for maintaining and increasing crop yields.

The 1970 Programme recommended to obtain information on the number of holdings applying inorganic fertilizers in the year preceding the census. It also suggested that information on the number of holdings using farmyard and green manures should be obtained although on an optional basis.

Data on use of fertilizers and soil dressings are presented in Table 12.1. Out of the 23 countries included in this table, 21 reported data on number of holdings using fertilizers and soil dressings, and 16 reported data on area treated.

12.1 Holdings using fertilizers and soil dressings

The information on the number of holdings using chemical inorganic fertilizers is reported by 20 countries. In these 20 countries about 5.9 million holdings used inorganic fertilizer for maintaining or improving the soil nutrient content or soil effectiveness; these holdings represent 45.6 percent of the total number of holdings (around 13 million) in 23 countries. The proportion of holdings using inorganic fertilizers ranged from 3.2 percent in Sierra Leone to 89.9 percent in Norway. In seven countries this proportion was lower than 20 percent, in seven other countries it was between 20 and 50 percent, and there were three countries in each of the two next higher brackets, namely from 50 to 80 percent and from 80 to 90 percent (Norway, Portugal and Puerto Rico). The distribution of holdings reporting use of inorganic fertilizer, by size of holding is presented in Table 12.2. Data are shown for 15 countries and indicate that inorganic fertilizers were used almost equally by holdings of all sizes, both on small holdings and on large ones.

The use of farmyard manure is mainly reported by countries from Asia and Europe regions. In 12 countries providing information about 3.7 million holdings used farmyard manure. These represent 39.8 percent of the total number of holdings (9.4 million) in 12 countries as a group. The lowest proportion of holdings using farmyard manure is found in El Salvador (0.4 percent), in the Philippines (1.3 percent) and in Jordan (10.4 percent). The largest proportion was reported by Yugoslavia (75.2 percent), Kuwait (79.7 percent), and Portugal (83.1 percent).

The use of lime to improve the soil effectiveness was reported by only seven countries. The largest proportion of holdings reporting use of lime is found in Czechoslovakia (22.4 percent and in the United States (15.1 percent).

12.2 Area treated with inorganic and organic fertilizers and lime

The area treated with chemical inorganic fertilizers was reported by 15 countries. In these countries around 90.9 million ha or 17.3 percent of the overall total area of holdings (525.1 million ha) were treated with inorganic fertilizer. The proportion of area treated with inorganic fertilizers varied from 4.6 percent in Sierra Leone to 54.7 percent in Hungary, 4.9 for Iraq, 5.5 for Kuwait, 5.7 for Jordan, 30.2 for Yugoslavia and 45.8 for Czechoslovakia).

Ten countries reported on area treated with farmyard manure and these are mainly from Asia (five countries) and Europe (five countries). In those ten countries 3.9 million ha or 8.1 percent of the total area of holdings were applied with farmyard manure. The farmyard manure was relatively widely used in Kuwait (16.1 percent of total area of holdings), Yugoslavia (13.2 percent) and Hungary (10.4 percent). In other countries less than 10 percent of the area was applied with farmyard manure.

Data on area treated with lime was reported by six countries. Lime was applied on relatively large areas in Czechoslovakia, the United States and New Zealand. It is likely that in these countries lime was used mainly for dressing of soils under permanent meadows and pasture to improve their efficiency.

Area: in hectares
 TABLE 12.1 - Number of holdings reporting area treated with fertilizers and lime

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Number of holdings reporting use of:			Total area of holdings	Area treated with:		
			Chemical inorganic fertilizers	Farmyard manure	Lime		Chemical inorganic fertilizers	Farmyard manure	Lime
<u>TOTAL</u> (23)		13 039 221	5 862 214	3 734 636	624 539	545 635 970	90 902 681	3 931 481	4 689 016
<u>AFRICA</u> (4)		1 412 480	114 461	26 151	...	7 203 834	164 342	36 981	3 900
ALGERIA	1973	899 545	75 493	...	...	5 544 145	...	...	...
LESOTHO	1970	187 421	29 747	26 151	...	372 542	50 723	36 981	...
SIERRA LEONE	1970/71	286 137	9 221	...	...	520 572	24 202	...	...
SWAZILAND	1971/72	39 377	...	...	...	766 775	89 417	...	3 900
<u>NORTH AND CENTRAL AMERICA</u> (6)		2 446 270	1 555 641	1 333	262 779	442 398 524	69 877 678	...	4 092 138
BELIZE	1973/74	10 004	2 815	...	...	232 519	...	...	...
CANADA	1971	366 128	141 051	...	...	68 663 191	6 928 920	...	...
EL SALVADOR	1971	318 041	132 754	1 333	...	1 451 894	...	...	...
PUEBLO RICO 1/	1970	7 431	6 177	...	460	393 524	...	...	4 946
ST. LUCIA	1973/74	10 938	4 064	...	198	29 138	...	...	...
UNITED STATES 2/	1969	1 733 683	1 268 840	...	262 121	371 628 258	62 948 758	...	4 087 192
<u>SOUTH AMERICA</u> (2)		93 241	4 869	2 366	261	16 611 563	992 414	130 639	1 756
SURINAME	1969	16 078	4 869	2 366	...	93 833	...	...	...
URUGUAY	1970	77 163	...	...	261	16 517 730	992 414	130 639	1 756
<u>ASIA</u> (5)		3 182 314	689 750	192 891	...	15 832 807	1 816 709	290 951	...
IRAQ	1971	591 178	110 250	97 957	...	5 732 481	281 807	126 174	...
JORDAN	1975	55 548	7 867	5 774	...	390 403	22 311	12 118	...
KUWAIT	1970	449	150	358	...	2 726	149	439	...
PHILIPPINES	1971	2 354 469	557 640	30 137	...	8 493 735	1 438 425	51 768	...
SAUDI ARABIA, Kingdom of	1973/74	180 670	13 843	58 665	...	1 213 462	74 017	100 452	...
<u>EUROPE</u> (5)		5 842 127	3 497 493	3 511 895	361 499	44 558 873	13 292 807	3 472 910	403 705
CZECHOSLOVAKIA	1970	1 472 462	759 838	2/718 000	329 198	11 874 100	5 440 930	1 054 331	403 705
HUNGARY	1972	802 892	108 530	4/163 900	...	7 476 103	4 087 049	777 324	...
NORWAY	1969	154 977	139 248	...	16 309	7 772 091	...	...	...
PORTUGAL	1968	811 656	652 622	674 872	15 992	4 974 157	...	...	...
YUGOSLAVIA	1969	2 600 140	1 837 255	1 955 123	...	12 462 422	3 764 828	1 641 255	...
<u>OCEANIA</u> (1)		62 789	...	...	...	19 030 369	4 758 731	...	187 517
NEW ZEALAND	1972	62 789	...	...	...	19 030 369	4 758 731	...	187 517

1/ Holdings with sales of US \$1 200 and over. 2/ Holdings with sales of US \$2 500 and over. 3/ Includes 2 083 holdings reporting green manure.
 4/ Includes 222 holdings reporting green manure.

TABLE 12.2 - Number of holdings reporting use of chemical inorganic fertilizers, by size of holding

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings reporting	Under 1 ha	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
TOTAL (15)	5 287 625	1 299 097	762 564	920 959	543 328	383 640	330 605	410 087	347 380	163 112	101 442	4 611
AFRICA (3)	114 461	20 915	26 293	30 480	18 790	10 086	5 768	1 391	521	217	...	...
ALGERIA	75 493	13 334	10 238	19 263	14 575	10 086	5 768	1 391	521	217	...	...
LESOTHO	29 747	4 525	13 938	7 972	3 312	...	...	...	...	...	...	...
SIERRA LEONE	9 221	3 056	2 117	3 245	803	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA(4)	1 546 709	51 061	35 811	45 550	10 583	103 929	278 351	402 688	342 764	176 327	97 605	40
CANADA	141 051	625	...	2 462	...	13 545	...	56 980	37 192	24 102	9 145	...
EL SALVADOR	132 754	50 436	32 689	26 649	9 754	5 812	4 596	1 475	766	431	106	40
ST. LUCIA	4 064	...	3 122	...	829	75	...	24	8	6	...	...
UNITED STATES 1/	1 268 840	...	...	16 439	...	84 497	273 755	344 209	304 798	156 188	88 354	...
SOUTH AMERICA (1)	4 869	506	889	1 994	901	332	172	16	20	17	11	11
SURINAME	4 869	506	889	1 994	901	332	172	16	20	17	11	11
ASIA (2)	124 093	16 326	27 583	23 968	26 768	19 879	5 961	1 791	1 380	331	106	...
IRAC	110 250	13 155	25 488	21 255	25 057	18 488	4 778	1 090	502	331	106	...
SAUDI ARABIA, Kingdom of	13 843	3 171	2 095	2 713	1 711	1 391	1 183	701	878	...	...	...
EUROPE (5)	3 497 493	1 210 289	671 988	818 967	486 266	249 414	40 353	5 001	2 695	4 220	3 720	4 560
CZECHOSLOVAKIA	759 838	634 735	45 410	47 285	21 397	...	3 720	253	511	2 521	2 618	1 358
HUNGARY	108 530	93 043	8 460	3 659	507	33	22	26	44	89	306	2 341
NORWAY	139 248	...	25 581	49 372	40 534	17 564	5 708	489	...	...	...	...
PORTUGAL	652 622	226 305	266 045	...	...	136 030	16 005	4 031	1 882	1 315	588	421
YUGOSLAVIA	1 837 255	256 206	325 462	718 651	423 848	95 787	14 898	202	258	295	208	440

1/ Holdings with sales of US \$2 500 and over.

13. IRRIGATION AND DRAINAGE

In some parts of the world crop production almost entirely depends on water supplied by irrigation facilities and in many areas and countries the maximum use of land resources is hindered because water supply is not adequate to meet crop and plant needs during vegetation seasons. In some areas, sufficient rainfall is available for growing crops in normal years, but occasional short periods without rainfall may partially or wholly destroy crops. Therefore, irrigation and drainage are important factors in securing satisfactory crop yields and in improving farming efficiency particularly in areas where more than one crop can be grown during the agricultural year. Irrigation and drainage facilities constitute one of the main components of capital investments in agriculture in a number of countries.

The 1970 Programme suggested collection of information on area in holdings actually irrigated and area provided with irrigation facilities as well as information on the source of water supply and method of irrigation. In the 1970 Programme, irrigation was defined to denote the practice of providing land with water other than rain for crop production. The area irrigated does not include land on which rainwater is retained by dykes or terraces for growing of such crops as paddy rice, but it does include areas irrigated by rainwater if collected and brought to the field later. The information regarding the source of water supply refers only to the source from which the holder obtained the water directly and not to the source from which water was obtained when the water was supplied from outside the holding. Similarly, the information on the method of irrigation relates to the method used on the holding and does not relate to the method by which the water was brought to the holding. Groundwater was defined as water occurring beneath the land surface, from which wells dug into it provide the water supply. The area of land actually irrigated was defined as any land of holding irrigated during the year in question, whether several times or only once, i.e. the physical area of such a land had to be recorded.

13.1 Number of holdings reporting and area actually irrigated

Data on the number of holdings reporting irrigation and on the area actually irrigated were available for 29 countries and are shown in Table 13.1. The 1970 Programme suggested collection of data on both (i) area provided with irrigation facilities, and (ii) area actually irrigated; nevertheless most of the countries reported only one of these two kinds of data. In Table 13.1 the data generally refer to the actually irrigated; however, ten countries also reported data on area provided with irrigation facilities. Difference between the two kinds of data does not appear to be large as can be seen from comparative data available for three countries only:

Table 25 - Area provided with irrigation facilities and area actually irrigated

Country	Area provided with irrigation facilities (000 ha)	Area actually irrigated (000 ha)
India	29 107	28 975
Jordan	33	31
France	767	539

The data presented in Table 13.1 cover only a small number of holdings in very few countries. There was no census information on irrigation for some Asian, African and South American countries included in this report particularly in countries where irrigation of crop and arable land was widely practised, e.g. Indonesia, Peru, Philippines, etc. Hence, information on irrigation appearing in Table 13.1 could not be considered as representative of the actual situation of the extent of the use of irrigation facilities in various countries of the world. Holdings reporting irrigation of land comprise about 34.8 percent of the total number of holdings in countries included in this table while the reported area irrigated represents around 5.3 percent of the total holding area in these countries. Therefore, available census data on irrigation presented in this report cover only about one-third of all irrigated land in the world around 1970, which was estimated at about 210 million ha. According to the 1970 census data, more than 91 percent of the irrigated land in all countries reporting was in the five countries that had 1 million ha or more irrigated land (Mexico, United States, India, Pakistan and Italy). India reported that about 29 million ha or 18 percent of the total land in holdings was irrigated. Pakistan reported around 12 million ha or 61 percent of total area in holdings and Italy reported about 2.6 million ha or 10 percent of total area in holdings.

13.2 Area irrigated by source of water supply and method of irrigation

Two countries only (Kuwait and Italy) reported data on the source of water supply. Italy reported that for 60 percent of area actually irrigated, water was obtained from outside the holding and for the remaining 40 percent of irrigated area, water was supplied by irrigation facilities provided on the holding. In Kuwait the proportion of area irrigated by water supplied on the holding was about 80 percent of all irrigated land. Six countries reported information on area irrigated by method of irrigation. New Zealand classified all area irrigated into area flooded (60 percent) and area irrigated by spraying equipment (40 percent). Five countries followed the classification proposed in the 1970 Programme and the data are summarized in Table 26.

Table 26 - Area irrigated by method of water supply - thousand ha

Country	Total area irrigated	From surface sources	By pumping from ground	By other means
El Salvador	20	13	2	5
Uruguay	52	36	-	14
India	29 107	15 682	11 511	1 914
Jordan	31	24	5	1
Pakistan	12 153	9 970	1 792	391
Total	41 362	25 725	13 310	2 325

From this table it appears that irrigation from surface sources was the main method used for irrigation of land. More than 60 percent of irrigated area was irrigated from surface sources, about 30 percent of irrigated area was irrigated by pumping water from the ground and 6 percent of irrigated area was irrigated by other methods.

Area irrigated by sprinklers was reported by six countries. In these countries the proportion of area irrigated by sprinklers with respect to the total area irrigated was as follows: Canada 27 percent, Yugoslavia 23 percent, United States 18 percent, Italy 7 percent, Uruguay 5 percent and Jordan 2 percent.

13.3 Area drained

The 1970 Programme also suggested the collection of data relating to the area from which excess water was removed from the surface of the land, from the upper layers of the soil or subsoil, by artificial means, for the purpose of making non-producing land productive and producing land more productive. An area provided with small drains should be considered as provided with drainage facilities, even if large drains are needed for effective drainage. It was suggested that data should be reported separately for drainage facilities on non-irrigated and irrigated land. For non-irrigated land the data were to be related to land drained through covered drains, and for irrigated land the data were to relate separately to land drained through open drains and through covered drains by pumping and by gravity flow.

Information on the area drained was reported by only seven countries which are shown in Table 27. Out of these countries only Jordan reported all data as suggested by the 1970 Programme. Three countries reported separately drainage of irrigated land. The proportions of irrigated land with drainage in relation to total areas drained for three countries were as follows: 3 percent in Czechoslovakia, 18 percent in the United States and 99.7 percent in Jordan. In addition, Iraq reported that 9 percent of agricultural holdings were provided with drainage facilities.

Table 27 - Drainage

Country	Number of holdings reporting	Area drained (ha)	Remarks
Suriname	13 562	64 063	Area with drainage facilities
United States	338 686	24 099 333	Holdings with sales of \$2 500 and over
Jordan	464	642	Area with drainage facilities
Czechoslovakia	7 454	450 890	Area with drainage facilities
Finland	50 903	466 366	Covered drains only
France	91 079	597 051	-
Yugoslavia .....	...	3 688 000	Includes drained land outside holding

Area: in hectares

TABLE 13.1 - Number of holdings reporting and area of land actually irrigated

Countries by continents (number of reporting countries is given in parenthesis)	Census year	All holdings		Number of holdings reporting irrigation	Irrigated area	Holdings reporting irrigation as percent- age of total number of holdings	Area irrigated as percent- age of total area of holdings
		Number	Area				
TOTAL (29)		105 272 291	1 295 443 820	36 628 597	69 087 756	34.8	5.3
AFRICA (2)		1 050 544	7 632 528	122 740	376 121	11.7	4.9
ALGERIA	1973	889 545	5 544 145	122 740	1/93 871	13.8	1.7
LIBYA	1974	160 999	2 088 383	...	282 250	...	13.5
NORTH AND CENTRAL AMERICA (6)		4 452 804	640 727 375	428 340	19 891 539	9.6	3.1
CANADA	1971	366 128	68 663 191	17 164	421 347	4.7	0.6
EL SALVADOR	1971	318 041	1 451 894	2 523	20 074	0.8	1.4
MEXICO	1970	1 020 016	139 868 191	150 412	1/3 583 027	14.8	2.6
PUERTO RICO 2/	1970	7 431	393 524	455	35 090	6.1	8.9
ST. LUCIA	1973/74	10 938	29 138	639	...	5.8	...
UNITED STATES	1969	2 730 250	430 321 437	257 147	15 832 001	9.4	3.7
SOUTH AMERICA (3)		5 017 260	310 757 029	108 469	874 675	2.2	0.3
BRASIL	1970	4 924 019	294 145 466	104 613	795 815	2.1	0.3
SURINAME	1969	16 078	93 833	3 856	1/26 583	24.0	28.3
URUGUAY	1970	77 163	16 517 730	...	3/52 277	...	0.3
ASIA (7)		82 267 101	191 164 778	34 114 639	42 384 436	41.5	22.2
INDIA	1970/71	70 493 000	162 124 000	29 385 000	28 975 000	41.7	17.9
JAPAN	1970	5 354 074	5 388 554	142 820	1/61 664	2.7	1.1
JORDAN	1975	55 548	390 403	12 853	1/33 113	23.1	8.5
KOREA, Republic of	1970	2 421 420	2 132 233	4/1 439 423	4/785 868	59.5	36.9
KUWAIT	1970	449	2 726	365	500	81.3	18.3
PAKISTAN	1972	3 761 940	19 913 400	2 991 047	12 153 452	79.5	61.0
SAUDI ARABIA, Kingdom of	1973/74	180 670	1 213 462	143 131	374 839	79.2	30.9
EUROPE (10)		12 421 793	126 131 741	1 850 131	5 426 110	14.9	4.3
CZECHOSLOVAKIA	1970	1 472 462	11 874 100	3 420	1/147 941	0.2	1.3
FRANCE	1970/71	1 587 643	34 914 145	133 654	1/767 201	8.4	2.2
GREECE	1971	1 047 260	3 586 294	...	733 672	...	20.5
HUNGARY	1972	802 892	7 476 103	5 528	315 119	0.7	4.2
ITALY	1970	3 607 262	25 064 218	858 476	1/2 560 782	23.8	10.2
MALTA	1968/69	10 803	15 899	1 569	641	14.5	4.0
NORWAY	1969	154 977	7 772 091	5 975	1/22 636	3.9	0.3
PORTUGAL	1968	811 656	4 974 157	514 665	1/621 171	63.4	12.5
UNITED KINGDOM	1970	326 698	17 992 312	6/7 315	6/89 397	2.2	0.5
YUGOSLAVIA	1969	2 600 140	12 462 422	319 529	167 550	12.3	1.3
OCEANIA (1)		62 789	19 030 369	4 548	134 875	7.2	0.7
NEW ZEALAND	1972	62 789	19 030 369	4 548	134 875	7.2	0.7

1/ Area of land provided with irrigation facilities. 2/ Holdings with sales of US \$1 200 and over. 3/ Cropland actually irrigated. 4/ Land of paddy field. 5/ Area under kitchen gardens (125 072 ha) was excluded. 6/ England and Wales.

14. ASSOCIATION OF AGRICULTURAL HOLDINGS WITH OTHER INDUSTRIES

Economic and technological progress has necessitated closer dependence of agricultural holdings on non-farm enterprises which serve their need for production and marketing purposes. Likewise business enterprises such as feed dealers, processors of meat, fruit and other products as well as retailers and co-operatives enter into contracts with agricultural holders for the production and marketing of certain agricultural commodities.

The 1970 Programme suggested, for the first time, to include in the census, collection of information on association of agricultural holdings with various other industries in the area of production, processing and marketing of agricultural produce. The intention of the Programme was to collect data needed to investigate to what extent non-farming enterprises become integrated with the operation of agricultural holdings in order to illuminate in more details this new development in many countries.

The proposed census items referred to number of agricultural holdings reporting:

- (i) integration with industry, i.e. being part of an enterprise having also activities other than farming such as slaughter-house or sugar factory;
- (ii) production of agricultural products under contract; and
- (iii) contracts with agencies providing agricultural service.

Eight countries provided some information on the second item mentioned above, agricultural production under contract, and the related data are summarized in Table 14.1. Countries shown in the table used different classifications for the type of products produced under contract and two of them gave only total number of holdings reporting products under contract. The data shown in the table can be considered only as an illustration and no analysis is possible.

In addition to data shown in Table 14.1 two countries reported number of holdings having a contract for agricultural services: Jordan and Philippines with 4 and 0.3 percent of holdings reporting this kind of contract, respectively. Only scanty information on integration of agricultural holdings with industry was provided by the Philippines, Portugal, Yugoslavia and Jordan.

TABLE 14.1 - Number of holdings reporting operations under contract

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings reporting products under contract	Type of products under contract														
			Cereals	Hops	Fruits and grapes	Pota- toes	Vege- tables	Tobacco	Cattle	Pigs	Poultry	Milk	Eggs	Other live- stock products	Other agri- cultural products		
<u>TOTAL (8)</u>			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<u>NORTH AND CENTRAL AMERICA (2)</u>			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	1971	6 661	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
UNITED STATES 1/	1969	...	...	16 667	...	...	...	14 191	...	...	...	...	...	...	...	...	...
<u>ASIA (2)</u>			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
JORDAN	1975	1 033	...	...	85	...	...	103	...	...	...	...	...	...	...	...	...
PHILIPPINES	1971	56 286	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<u>EUROPE (4)</u>			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
AUSTRIA	1970	...	8 898	123	645	4 663	1 860	598	1 311	1 062	377	...	...	...	...	...	...
BELGIUM	1970	21 686	1 342	...	275	415	2 638	151	1 709	2 622	1 461	2 034	...	...	...	...	...
GERMANY, Federal Republic of	1971	...	...	547	1 400	8 690	4 595	...	...	...	...	...	...	...	...	...	...
PORTUGAL	1968	6 068	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

1/ Holdings with sales of \$2 500 and over. 2/ Including other livestock. 3/ Including eggs. 4/ Dairy products. 5/ Including sheep and goats.
 6/ Including dairy products. 7/ Feeding stuff for animals. 8/ Flax. 9/ Flowers and ornamental plants.

15. COMPARISONS OF DATA FOR 1950, 1960 AND 1970
WORLD CENSUSES OF AGRICULTURE

The process of transformation of economic and social conditions which has taken place in many countries over the past 25 years has been experienced in the agriculture as well as in the other sectors. The process of change in the agricultural sector, although at a smaller rate than in other sectors, has been taking place parallel with structural adjustments, technological innovations and improvement of management techniques in agriculture. The extent of the changes in the pattern of agricultural structure during 1950-1970 could be ascertained through the comparison of data available from the censuses of agriculture carried out under the broad framework of the FAO Programme for the World Census of Agriculture in 1950, 1960 and 1970.

In this report census information on agricultural structure such as number, area and size of agricultural holdings, land tenure, land use and employment in agriculture, obtained from the national enumeration of agricultural holdings during the 1950, 1960 and 1970 decades has been interrelated and compared to provide a broad picture of the changes in agricultural structure which have occurred in countries that participated in the World Census of Agriculture during 1950-1970. The most relevant census data on agricultural structure have been arranged and compared by countries, regions and some of them also by economic groups of countries, according to the FAO classification of countries by economic classes and regions, to indicate relatively wide differences that exist between countries and among various groups of countries with differing degrees of economic and social achievements.

Not all countries participated in successive world censuses of agriculture and very often comparative data were not available for the same individual country for the 1950, 1960 and 1970 censuses. For this reason comparison of census information was made only for those countries for which data were available for at least two censuses, either for 1950 and 1970 or 1960 and 1970 or for all three successive censuses, which was mainly to countries of Europe, North and Central America and South America. Comparison over the past three decennial world censuses amongst African countries was possible for only a few countries as there was no information for many of them except for 1970 world census of agriculture. There were other problems in making meaningful comparisons of census results amongst successive censuses of agriculture. There were changes in the territorial boundaries for some countries during the 1950-1970 period. In some cases census data do not correspond exactly to the same concepts relating to area and definition of holding. Criteria for the minimum size of holding were not uniform in many countries. Due to the improved statistical services of many countries their results taken in later censuses were much more complete and representative than those from previous censuses. Some countries have improved the tabulation of their recent census results and changed the criteria of classification of census items providing more detailed and complete tabulation than the previous censuses. Nevertheless, comparison and analysis of changes in agricultural structure in the period 1950-1970 for some individual countries may not be fully accurate. However, the 1950, 1960 and 1970 census data when arranged by more or less homogeneous groups of countries still reveal valuable indication on changes in the basic structural characteristics from one period to another.

15.1 Comparison of number and size of the holding

The number and area of holdings are the basic characteristics of agricultural structure which provide important measures of agricultural operations. Comparable data on number and area of holdings for some countries are presented in Table 15.1 and Table 15.3 and the corresponding percent distributions are shown in Table 15.2 and Table 15.4, respectively. The comparability of data amongst countries presented in these tables is seriously affected because of the different measures of size used by these countries. The most widely used classification of holdings in the censuses of agriculture is the total area of holdings. For countries which used different classification of holdings footnotes are indicated in the corresponding tables. The comparability, particularly for very small holdings, was also affected due to the different criteria of small holdings adopted by countries for inclusion in the census. Available data on classification by size of holdings with less than 1 ha are shown in Table 15.5.

A summary of changes in the number and area of holdings by size for holdings with 1 ha and over in the 1950-1970 world decennial censuses is shown in the following table.

Table 28 - Percentage distribution of number and area of holdings by size

	1950 (39 countries)		1960 (44 countries)		1970 (51 countries)	
	Number of holdings	Area	Number of holdings	Area	Number of holdings	Area
	..... Percent					
Holdings 1 ha and over	100.0	100.0	100.0	100.0	100.0	100.0
1 and under 2 ha	{ 60.5	{ 5.0	31.3	1.7	32.4	1.9
2 and under 5 ha			33.4	4.1	33.7	4.4
5 and under 10 ha	15.9	3.9	15.5	4.3	15.5	4.5
10 and under 20 ha	9.2	4.3	8.8	4.8	8.3	4.5
20 and under 50 ha	7.2	7.2	5.5	6.2	5.1	6.0
50 and under 100 ha	3.8	8.8	2.6	6.6	2.2	6.0
100 and under 200 ha	1.9	9.0	1.5	7.5	1.4	7.5
200 and under 500 ha	1.0	9.7	0.9	9.4	0.9	11.2
500 and under 1 000 ha	0.4	16.0	0.3	6.6	0.3	6.5
1 000 ha and over	0.2	36.1	0.2	48.8	0.2	47.6

During the period 1950-1970 there was an increase in the number of small holdings with less than 5 ha and a decrease in the number of the larger holdings in the developing countries. Rapidly increasing farm population and in some cases land reform measures which brought about repeated subdivisions of holdings, appear to be a main reason for such phenomenon. The average size of holding has increased in this period in almost all developed countries, but has decreased in developing countries. The greatest change

in average size of holding occurred in developing countries of South America from 83 to 48 ha, while in most of the developing countries in Africa and Asia no major changes took place.

The structure of holdings in the most developed countries was characterized by the presence of large or medium size holdings. Agricultural holdings with over 20 ha tended to predominate in North America and Oceania, holdings with 10-20 ha in Western Europe and small holdings in Japan. In developing countries in Asia small holdings with under 1 ha represent about half of the total number of holdings and represent about less than 10 percent of the area of all holdings; in countries in North and Central America 13.8 percent of the holdings with under 1 ha represent 0.1 percent of the total area of all holdings; in countries in South America 15.2 percent of the holdings with under 1 ha and also much less than 1 percent of the area of all holdings; and in countries in Europe holdings with less than 1 ha comprise about 29 percent of the total number of holdings but represent less than 2 percent of the area of all holdings. Generally the total area of holdings with 5-20 ha was larger in 1960 and 1970 than in 1950, while at the same time the number of holdings of this size group declined by 1.3 percentage points. A similar trend of changes occurred during this period in the group of holdings with 100-500 ha. On the other hand, the share in total area of relatively large holdings with more than 500 ha did not change much during 1950-1970 period.

15.2 Land tenure

Summarized data on tenure of holdings are shown in Table 29. The detailed information on tenure of holdings is given in Tables 15.6 to 15.11 and on tenure of area in holdings in Tables 15.12 to 15.17.

Land tenure refers to the rights under which the holders are operating land. It should be noted that in agricultural censuses land tenure data are obtained from holders who are operating land. In the case of the rented holdings the census does not show who are the owners of land rented. This concept of land tenure is more relevant for agricultural development planning as such planning and development have to relate to those actually operating agricultural holdings. Data on land ownership as such, although important, are not collected through agricultural censuses as the unit of census enumeration is the operational agricultural holding. Another enumeration unit or other sources such as land records will have to be used to collect data on land ownership. For many countries, especially African countries, where holdings were operated under traditional or tribal conditions, data on tenure were not obtained by the censuses.

Census of agriculture data for 1950, 1960 and 1970 indicate that ownership and renting are the most significant features of the land tenure structure in most regions and countries of the world. Other forms of land tenure, such as land operated on a squatter basis, and land under tribal or traditional communal forms, are of relatively smaller importance. The relative importance of ownership versus renting tenancy appears to have changed from less than 3:1 in the 1950 censuses to over 10:1 in the 1970 censuses. It appears that agrarian reform and land settlement schemes were implemented during the period 1950 to 1975 in a number of countries included in this report. According to the information available these countries are: Algeria, Botswana, Brazil, India, Iraq, Jordan, Rep. of Korea, Liberia, Libya, Mexico, Peru, Philippines, Sri Lanka and Syria.

Exact measurement of the change in number of holdings by land tenure from one census to another is difficult because of changes in concept and definition of holding used by countries. Adequate analysis of the redistribution of land in a number of countries during

the period 1950-1970 is therefore not always possible. Nevertheless, data obtained by agricultural censuses still reveal valuable information on changes in land tenure forms from one period to another. Thus, census data show that the proportion of holdings in which the holders have some kind of ownership interest has been steadily increasing since 1950. In developed countries, from 1950 to 1970, the percentage of holdings operated by owners of land increased by more than 12 percentage points and in developing countries by more than 17 percentage points. In two MSA countries (India and Pakistan) the percentage of holdings owned has increased from 1960 to 1970 by almost 20 percentage points. On the other hand, the proportion of holdings operated under rented form of tenure has decreased since 1950. In 1970 the percentage of rented holdings was more than two times smaller in developed countries and three times smaller in developing countries. Similarly, the relative importance of holdings operated under more than one tenure form which includes mostly holdings partly owned and partly rented decreased significantly in the 1950-1970 period, particularly in two MSA countries. The average size of holdings owned or held in ownerlike possession was more than the average size of rented holdings in most countries except in the United States, Canada and Western Europe. The average size of holdings operated by owners in countries in South America in 1970 was almost 70 ha, in Asia the average size of owned holdings was around 2 ha and in Europe it was around 7 ha.

Table 29 - Percentage distribution of holdings by tenure of holdings

	Census year (number of reporting countries is given in parenthesis)	Holdings reporting tenure (000)	Holdings operated under one tenure form			Holdings operated under more than one form of tenure
			Owned by the holder or held in ownerlike possession	Rented from others	Under other tenure forms	
			..... Percent			
Total	1950 (14)	13 125	57.9	21.5	2.9	17.7
	1960 (30)	94 095	67.0	10.5	1.3	21.2
	1970 (30)	114 853	81.8	7.1	1.2	9.9
Developed countries	1950 (6)	9 152	54.2	21.6	1.2	23.0
	1960 (12)	17 150	62.8	13.3	1.6	22.3
	1970 (12)	13 753	66.7	9.7	...	23.6
Developing countries	1950 (8)	3 973	86.4	21.2	6.9	5.5
	1960 (18)	76 945	67.9	9.9	1.2	21.0
	1970 (18)	101 100	83.8	6.8	1.3	8.1
Of which: MSA countries	1950 (-)	...	...	...	...	...
	1960 (2)	53 742	69.8	8.8	...	21.4
	1970 (2)	73 885	89.4	5.6	...	5.0

15.3 Land use

Data presented in Table 30 show the percentage distribution of land in holdings by major categories of land use, recommended by FAO Programmes for the census of agriculture. This distribution was worked out on the basis of 1950, 1960 and 1970 census results for countries which participated in these censuses, with the aim to indicate the overall picture of changes in land use in the holding during the period 1950-1970.

Table 30 - Percentage distribution of area of holdings by land use categories

Land use	1950 (33 countries)	1960 (83 countries)	1970 (81 countries)
Total area of holdings reporting (millions of ha)	100 (1 514)	100 (2 472)	100 (2 026)
Arable land	23	26	31
Land under permanent crops	1	2	2
Land under permanent meadows and pastures	51	53	43
Wood or forest land	16	10	9
All other land	9	9	14

Source: Report on the 1960 World Census of Agriculture,
Vol. V, FAO, for data on 1950 and 1960;
Table 4.2 for data on 1970.

Although in some countries there might be significant changes of land utilization in the longer period of time, an overall comparison of data for 1950, 1960 and 1970 indicates that on the average there were no large changes in land use from 1950 to 1970. Some changes occurred in the proportion of arable land and in the proportion of land under permanent meadows and pastures in the 1960-1970 decade. An increase of the proportion of arable land in 1970 by 5 percentage points compared with the proportion in 1960 can be noted. Changes which appear to occur in the proportion of wood, forest and other land in holdings most likely resulted more from a change in the method of reporting wood or forest land and all other land in the enumeration of holdings, particularly in Europe, than from actual increase or decrease of these land categories in agricultural holdings. Information on possible reasons for changes in land use around 1970 were not available for countries participating in the 1970 census; therefore, no explanation for these changes could be given in this report.

15.4 Legal status of holder

Data on legal status of the holder obtained from the 1960 and 1970 censuses of agriculture are given in Table 15.18 with percentage distribution in Table 15.19. Their summary is shown in Table 31. A comparison of 1960 and 1970 census data is difficult because of the differences in coverage of the two censuses. As can be seen from Table 15.18, comparable data were available for 11 countries only. Furthermore, census data for centrally planned

countries were available only for some European countries - Czechoslovakia and Hungary for the 1970 census and Poland for the 1960 census - but as these data were available for only one year, they have been omitted from the Table 15.18. In these countries as a specific feature of agriculture, private allotments of land to agricultural workers in co-operatives or collectives are considered as holdings operated by civil persons. Data for South Africa, which is the only African country for which data on legal status were available for both censuses, do not include 1970 data on Bantu holdings, classified in 1960 in the category "Other". Data presented in the category "Other" include also corporations, co-operatives and holdings operated by the government for some countries which did not report those farms separately. Nevertheless, it appears that in countries reporting data on legal status on the whole no major changes took place in the period 1960-1970.

Table 31 - Percentage distribution of number and area of holdings by legal status of the holder

Continents (number of reporting countries is given in parenthesis)	Census year	Civil person		Corporation		Co- operative		Government		Other	
		Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Total (11)	1960	98.2	86.2	1.1	7.2	-	0.2	0.1	1.0	0.5	5.3
	1970	98.4	86.7	1.4	9.0	-	1.0	0.1	1.1	0.1	2.2
Africa (1)	1960	95.4	81.8	1.0	2.4	...	...	0.5	1.5	3.1	14.3
	1970	96.8	91.5	2.7	5.5	...	...	0.3	2.4	0.2	0.6
North and Central America (2)	1960	97.8	70.7	1.6	27.6	0.1	0.3	...	...	0.2	1.4
	1970	98.7	78.9	1.0	18.6	0.1	0.3	0.1	0.9	0.5	1.4
South America (3)	1960	97.5	88.7	2.4	10.0	...	1.1	...	0.6	0.1	2.4
	1970	97.7	84.9	2.3	11.0	...	...	...	0.7	0.1	0.7
Europe (5)	1960	98.9	83.9	0.2	2.5	0.1	1.5	0.1	2.2	0.7	9.9
	1970	99.4	90.1	0.2	2.1	0.1	2.0	0.1	2.1	0.2	3.7

In 1970 more than 98 percent of all holders of holdings enumerated by the census of agriculture were civil persons, 1.4 percent of all holdings were operated by a corporation, a negligible percent of all farms were operated in co-operatives and 0.1 percent of all holdings were operated under other legal status.

There was a slight change in legal status of holders in the period 1960-1970 censuses. In 1960 relatively smaller proportion of holdings were operated by civil persons, corporations and co-operatives. The area in holdings operated by corporations and by co-operatives was smaller in 1960 than in 1970.

15.5 Employment in agriculture

Census data on employment in agricultural work on holdings, for 1960 and 1970 World Censuses of Agriculture, grouped according to whether persons working on the holding were unpaid members of holder's household or paid workers, are shown in Table 15.20. The summary of these data recompiled by economic class of countries is shown in Table 32. Data presented in this table should be considered as an approximate indication on structure of total labour force employed in agricultural work on the holding, because many countries which supplied data on employment did not indicate the concept used nor to which seasonal period or date of the year they relate.

Table 32 - Percentage distribution of persons employed in agricultural work

Economic group of countries (number of reporting countries is given in parenthesis)	1960			1970		
	Holders and unpaid members of the household	Permanent paid workers	Temporary and other paid workers	Holders and unpaid members of the household	Permanent paid workers	Temporary and other paid workers
	..... Percent					
Developed countries (8)	94.1	2.9	3.0	90.0	1.5	8.5
Developing countries (11) ...	67.9	11.6	20.5	82.3	5.5	12.2
Of which: MSA countries (2)	92.0	8.0	...	93.0	7.0	...

From the data presented in Table 32 it appears that holders and members of their households make up by far the largest proportion of the persons working on holdings in all groups of countries and that hired persons, working permanently and/or temporarily, represent 7 percent in MSA countries, more than 17 percent in developing countries and 10 percent in developed countries. The proportion of paid workers seems to have decreased considerably in all economic groups of countries in the decade 1960-1970. It should be noted that many countries, particularly developed ones, did not report data on temporary and other paid workers in one or both censuses, while data on permanent paid workers were often reported together with holders and unpaid members of their households. Therefore, meaningful analysis can be done only country by country.

Women comprised a significant part of the total number of persons working on agricultural holdings. In the 1970 censuses, in countries reporting information on sex of persons employed in agricultural work on holding, around 40 percent of holders and members of their households were females. In African countries more female than male unpaid workers were reported. Regarding paid work, women represented around 10 percent of permanent workers and 32 percent of temporary and other paid workers.

TABLE 15.1 - Number of holdings by size of total area ^{1/}, 1970, 1960, 1950

Countries by continents (number of reporting countries in given in parenthesis)	Census year	Total number of all holdings	Holdings without land	Under 1 ha	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
TOTAL (51)	1970	132 923	359	60 294	23 404	24 347	11 214	6 019	3 693	1 604	989	652	183	164
	1960	108 552	902	41 686	20 654	22 040	10 230	5 868	3 589	1 741	1 002	562	179	156
	1950	92 265	...	42 002	30 404	7 965	7 965	4 613	3 629	1 897	957	504	199	92
AFRICA (2)	1970	420	2	179	123	100	16	...	1	-	-	-	-	-
	1960	378	6	110	101	123	31	...	-	...	-	-	-	-
LESOTHO 2/	1970	187	2	55	63	61	8	...	-	-	-	-	-	-
	1960	161	6	45	43	57	9	...	0.1	...	-	-	-	-
TOGO 2/	1970	233	...	126	60	39	8	...	1	...	-	-	-	-
	1961	217	...	65	58	66	22	...	1	...	-	-	-	-
NORTH AND CENTRAL AMERICA (11)	1970	5 357	154	738	381	500	387	445	839	786	586	387	85	69
	1960	6 593	...	883	443	721	495	628	1 177	1 071	683	330	89	72
	1950	8 249	...	758	1 481	795	795	957	1 754	1 354	699	305	124	21
CANADA	1971	366	...	3	4	10	11	15	60	81	80	102	...	4
	1961	481	...	4	6	9	11	21	114	113	121	65	13	...
	1951	623	...	2	...	28	19	35	161	165	128	73	12	...
COSTA RICA	1973	82	5	14	8	13	9	9	12	6	3	2	0.5	0.3
	1963	65	...	4	7	14	10	9	12	6	2	1	0.4	0.2
	1950	43	...	2	...	15	7	6	8	3	1	0.7	0.2	0.2
DOMINICAN REPUBLIC	1971	305	...	98	61	76	34	17	12	4	2	1	0.2	0.2
	1960	447	...	202	95	88	30	17	10	3	1	0.6	0.1	0.1
	1950	275	...	93	...	117	33	17	10	3	1	0.6	0.2	0.2
EL SALVADOR	1971	318	47	133	59	43	16	9	7	2	1	0.6	0.1	-
	1961	224	...	105	48	37	14	9	6	2	1	0.7	0.2	0.1
	1950	174	...	70	...	70	14	9	7	2	1	0.7	0.2	0.1
HONDURAS	1974	195	...	34	39	52	28	19	15	4	2	1	0.3	0.2
	1952	156	...	15	...	73	28	19	14	4	2	0.8	0.3	0.2
JAMAICA	1968/69	193	5	109	38	30	8	2	1	0.3	0.2	0.3	...	1
	1961	159	...	73	40	30	10	3	2	0.4	0.2	0.2	0.2	...
	1950	68	...	13	...	42	8	3	1	0.3	0.2	0.5	...	-
MEXICO	1970	1 020	87	255	113	154	102	79	83	49	34	28	14	22
	1960	1 365	...	411	171	318	94	103	99	59	42	30	15	23
	1950	1 383	...	498	...	506	90	70	91	44	29	24	11	20
PANAMA	1971	115	10	20	15	19	14	14	14	6	2	1	0.2	0.1
	1960	95	...	5	13	26	18	15	12	4	2	0.7	0.1	0.1
	1950	85	...	-	...	45	17	12	8	2	0.8	0.3	0.04	0.06
PUERTO RICO	1970	33	...	2	5	12	6	4	2	1	0.6	0.4	...	-
	1959	46	...	-	13	14	9	5	3	1	1	...	...	-
	1950	53	...	-	...	32	9	6	4	1	0.5	0.6	...	-

(continued)

See footnotes at end of table.

TABLE 15.1 - Number of holdings by size of total area 1/ 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of all holdings	Holdings without land	Under 1 ha	1 under 2 ha	2 under 5 ha	5 under 10 ha	10 under 20 ha	20 under 50 ha	50 under 100 ha	100 under 200 ha	200 under 500 ha	500 under 1 000 ha	1 000 ha and over
Thousands of holdings														
<u>NORTH AND CENTRAL AMERICA</u> (cont'd)														
<u>UNITED STATES</u>	1969	2 730	...	70	39	91	159	277	633	633	461	251	70	46
	1959	3 710	...	78	50	184	299	446	919	883	513	232	60	44
	1950	5 388	...	65	553	553	570	780	1 450	1 130	535	204	100	-
<u>VIRGIN ISLANDS (U.S.)</u>	1969	0.2	...	0.1	0.1	0.1	0.1	0.1	0.1	0.1	...	-	-	-
	1960	0.8	...	0.6	0.1	0.2	0.1	0.1	0.1	0.1	...	-	-	-
	1950	0.8	...	-	0.4	0.4	0.1	0.1	0.1	0.1	...	-	-	-
<u>SOUTH AMERICA</u> (7)														
	1970	8 374	39	1 277	1 051	1 717	1 150	1 061	1 058	447	269	190	63	52
	1960	5 841	32	745	708	1 218	784	747	823	342	197	147	53	45
	1950	3 412	...	304	921	921	443	481	610	275	167	124	47	40
<u> BRAZIL 3/</u>	1970	4 906	...	397	489	915	719	769	824	342	215	151	48	37
	1960	3 338	...	133	281	619	466	546	673	273	157	117	41	32
	1950	2 064	...	50	408	408	252	345	488	219	132	100	37	33
<u> COLOMBIA</u>	1970/71	1 177	...	269	178	254	160	118	100	48	26	16	5	3
	1960	1 210	...	298	191	268	169	114	87	40	22	14	5	3
	1954	919	...	162	343	343	144	101	85	38	23	15	5	3
<u> ECUADOR</u>	1974	519	11	135	83	118	55	41	42	22	6	4	1	1
	1954	344	...	92	159	159	36	21	20	8	4	2	0.5	0.7
<u> PEKU</u>	1972	1 391	24	460	261	340	153	79	46	13	7	4	2	2
	1961	870	27	294	186	221	76	31	18	7	4	3	1	2
<u> SURINAME</u>	1969	16	...	3	4	6	2	1	...	...	-	-	-	-
	1959	16	...	3	4	6	2	0.7	0.3	...	-	-	-	-
<u> URUGUAY</u>	1970	77	...	...	3	8	12	12	13	8	7	7	3	4
	1961	87	...	...	5	7	13	14	16	10	7	7	4	4
	1951	85	...	...	11	11	11	14	17	10	8	7	4	3
<u> VENEZUELA</u>	1971	288	4	13	33	76	49	41	33	14	8	8	4	5
	1961	320	5	17	41	97	58	41	29	12	7	6	3	4
<u> ASIA</u> (9)	1970	101 035	85	53 110	19 489	18 039	6 738	2 724	742	102	2	2	...	2
	1960	78 787	831	36 724	16 951	15 631	5 610	2 416	547	64	5	4	1	2
	1950	69 737	...	39 168	23 111	111	4 658	2 036	673	79	5	3	1	0.9
<u> INDIA</u>	1970/71	70 493	...	35 682	13 432	13 365	5 248	2 135	566	65	...	-	-	-
	1960	48 882	...	19 897	10 879	11 547	4 245	1 791	471	52	...	-	-	-
	1954	61 780	...	34 684	20 070	20 070	4 416	1 924	618	68	...	-	-	-
<u> INDONESIA</u>	1973	14 375	...	10 115	2 598	1 353	223	84	...	-	-	-	-	?
	1963	12 237	...	8 577	2 223	1 124	222	69	21	-	0.2	0.3	0.2	0.5
<u> IRAQ</u>	1971	591	52	67	66	107	127	110	53	6	2	1	...	1
	1958	253	...	73	30	41	31	31	30	9	4	2	...	1
	1952	125	...	24	26	26	16	19	24	8	4	2	1	0.9

See footnotes at end of table.

(continued)

TABLE 15.1 - Number of holdings by size of total area 1/ 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of all holdings	Holdings without land	Under 1 ha	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
Thousands of holdings														
ASIA (cont'd)														
ISRAEL 4/	1971	40	3	5	7	12	11	1	...	1	...	...	...	...
	1950	17	...	2	10	12	3	2	...	...	...	...	...	...
JAPAN 5/	1970	5 354	...	3 639	1 286	346	71	12	...	...	...	...	...	...
	1960	6 056	...	3 911	1 587	454	68	30	...	...	...	...	...	...
	1950	6 176	...	4 146	1 937	...	62	25	...	...	...	...	...	...
KOREA, Republic of 4/	1969/70	2 421	20	1 600	640	161	...	-	...	...	...	...	...	...
	1961	2 332	...	1 655	562	115	...	-	...	...	...	...	...	...
PAKISTAN	1972	3 762	...	521	538	1 501	794	289	95	24	...	...	...	...
	1960	5 691	831	1 598	806	1 340	729	387	...	...	...	...	...	...
PHILIPPINES	1971	2 354	...	319	544	1 031	244	86	24	6	...	...	...	...
	1960	2 166	...	250	642	864	290	100	16	2	...	...	...	...
	1948	1 639	...	314	1 068	...	161	66	25	3	1	...	...	...
SRI LANKA 6/	1973	1 645	10	1 162	278	163	22	7	4	...	0.6	0.8	...	...
	1960	1 170	...	764	222	146	25	8	3	...	...	...	...	...
EUROPE (18)	1970	17 422	79	4 987	2 355	3 974	2 907	1 770	1 012	223	87	17	5	5
	1960	16 620	33	3 219	2 446	4 335	3 292	1 990	990	212	68	24	7	3
	1950	10 533	...	1 770	4 859	...	2 049	1 118	539	137	39	19	0.5	0.5
AUSTRIA 7/	1970	362	...	34	42	71	62	73	62	12	4	2	...	...
	1960	396	...	33	51	83	72	78	61	12	4	1	0.5	0.5
	1951	421	...	35	161	...	82	77	52	8	3	2	0.5	0.5
BELGIUM 8/	1970	184	5	49	15	29	34	33	17	2	...	...	...	...
	1959	268	1	73	38	55	52	35	12	2	0.3	...	...	...
	1950	264	...	12	148	...	58	32	11	2	0.3	...	...	...
CZECHOSLOVAKIA 9/	1970	1 472	...	1 343	47	48	22	2	2	...	1	3	...	1
	1949	1 210	...	192	558	...	255	159	35	...	...	...	...	...
DENMARK 8/	1970	140	...	1	3	10	29	44	44	7	2	...	...	...
	1959	195	...	3	8	26	54	56	42	5	1	0.2	...	...
	1949	207	...	3	43	...	56	56	43	5	0.8	0.4	...	...
FINLAND 10/	1969	297	...	...	33	75	98	68	21	2	0.3	...	...	...
	1959	387	...	...	46	101	102	62	18	1	0.2	...	...	...
	1950	335	...	31	142	...	88	54	18	1	0.2	...	...	...
FRANCE 8/	1970	1 588	...	167	116	210	250	355	370	93	27	...	...	...
	1963	1 899	...	94	154	300	364	485	394	85	19	4	...	...
GERMANY, Fed Rep of 10/	1971	1 075	4	53	138	225	213	253	167	18	3	1	...	...
	1960	1 709	...	318	232	389	344	287	122	14	2	0.6	...	...
	1949	2 051	...	298	860	...	409	282	159	29	8	...	...	...
GREECE 8/	1971	1 047	11	226	233	361	164	43	9	...	...	...	...	...
	1950	1 000	...	285	570	...	113	26	5	...	...	...	...	...

See footnotes at end of table.

(continued)

TABLE 15.1 - Number of holdings by size of total area ^{1/}, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of all holdings	Holdings without land	Under 1 ha	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
EUROPE (cont'd)														
HUNGARY	1972	803	39	690	48	20	3	75	15	1	-	-	-	-
	1949	1 213	...	110	730	282	282	282	15	1	-	-	-	-
ITALY	1970	3 607	16	1 151	680	890	468	240	111	29	22	...	2	1
	1961	4 294	15	1 401	800	1 063	561	288	117	28	12	...	6	...
LUXEMBOURG ^{8/}	1970	8	...	1	-	1	1	1	3	1	...	-	-	-
	1950	14	...	0.8	5	3	3	3	2	0.1	0.01	-	-	-
MALTA	1968/69	11	...	6	2	2	1	...	-	-	-	-	-	-
	1960	12	...	6	3	3	3	...	-	-	-	-	-	-
	1950	14	...	6	7	1	1	...	-	-	-	-	-	-
NETHERLANDS ^{8/}	1969/60	185	4	17	15	28	39	52	28	2	...	-	-	-
	1959	308	17	60	31	55	62	54	25	2	0.1	...	-	-
	1950	285	...	44	102	49	64	24	24	2	0.2	...	-	-
NORWAY ^{8/}	1969	155	...	12	21	55	42	18	6	1	...	-	-	-
	1959	197	...	19	41	75	42	15	5	0.3	...	-	-	-
	1949	213	...	23	126	43	43	16	5	0.3	...	-	-	-
POLAND	1970	3 399	...	662	473	968	886	373	36	1	...	3	2	0.5
	1960	3 601	...	655	523	1 092	938	350	33	3	...	3	2	...
SWEDEN ^{11/}	1971	162	...	3	8	31	39	37	33	8	3	...	-	-
	1961	263	...	1	30	67	75	53	30	5	2	...	-	-
	1951	378	...	45	146	90	90	60	29	6	2	...	-	-
UNITED KINGDOM	1970	327	...	14	18	40	40	50	80	47	25	10	2	1
	1960	467	...	28	43	78	59	72	97	54	25	8	2	1
	1950	543	...	42	144	80	80	79	105	57	25	11	...	-
YUGOSLAVIA	1969	2 600	...	558	463	910	516	128	23	0.2	0.3	0.3	0.2	0.4
	1960	2 624	...	471	446	951	564	155	34	0.7	0.6	0.6	0.3	0.3
	1951	2 385	...	643	1 117	425	425	150	36	14	...	-	-	-
OCEANIA (4)	1970	315	...	3	5	17	16	19	42	46	45	56	30	36
	1960	333	...	5	5	12	18	21	51	52	49	57	29	34
	1950	334	...	2	32	20	20	21	53	52	46	53	26	29
AMERICAN SAMOA	1969	2	...	1	1	-	-	-	-	-	-	-	-	-
	1960	2	...	1	1	-	-	-	-	-	-	-	-	-
	1950	1.5	...	0.3	1	1	0.1	0.1	-	-	-	-	-	-
AUSTRALIA	1970/71	249	...	1	3	15	13	16	30	32	33	45	27	34
	1960	252	...	3	4	10	14	16	32	35	35	47	26	31
	1950	245	...	2	18	14	14	15	33	35	34	44	23	27
GUAM	1969	1	...	0.5	0.2	0.1	...	-	-	-	-	-	-	-
	1960	2	...	0.8	0.4	0.5	0.1	0.1	0.1	...	-	-	-	-
	1950	2	...	1	1	1	0.2	0.1	...	-	-	-	-	-
NEW ZEALAND	1972	63	...	-	1	2	3	3	12	14	12	11	3	2
	1960	77	...	-	-	2	4	5	19	17	14	10	3	3
	1950	90	...	3	-	12	6	6	20	17	12	9	3	2

1/ Unless otherwise specified in footnotes. 2/ Classification by land under crops. 3/ Data for 1970 exclude 18 377 holdings of size not reported. 4/ Classification by cropland. 5/ Classification by cultivated land (land under crops and cultivated pastures) for 1970 census and by total area for 1960 and 1950 censuses. 6/ Data for 1970 exclude 2 012 holdings of size not reported. 7/ Classification by productive land (agricultural land, and wood and forest land) for 1970 census and by total area for 1960 and 1950 censuses. 8/ Classification by land under agricultural area. 9/ Classification by land under agricultural area for 1970 census and by total area for 1950 census. 10/ Classification by land under agricultural area for 1970 and 1960 censuses and by total area for 1950 census. 11/ Classification by arable land.

TABLE 15.2 - Percent distribution of holdings by size of total area, 1970, 1960, 1950

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Holdings without land	Under 1 ha		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		
				1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
TOTAL (51)	1970	100.0	0.3	45.4	17.6	18.3	8.4	4.5	2.8	1.2	0.7	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	1960	100.0	0.8	38.3	19.0	20.3	9.4	5.4	3.3	1.6	0.9	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	1950	100.0	...	45.4	32.9	...	8.6	5.0	3.9	2.1	1.0	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
AFRICA (2)	1970	100.0	0.5	42.6	29.3	23.8	3.8	...	0.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1960	100.0	1.6	29.1	26.7	32.5	6.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LESOTHO 2/	1970	100.0	1.1	28.3	33.7	32.6	4.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1960	100.0	3.7	28.0	23.7	35.4	5.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOGO 2/	1970	100.0	...	54.1	25.8	16.7	3.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1961	100.0	...	30.0	26.7	30.4	10.1	2.3	0.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (11)	1970	100.0	2.9	13.8	7.1	9.3	7.2	8.3	15.7	14.7	10.9	7.2	1.6	1.3	7.2	14.7	10.9	7.2	10.9	7.2	7.2	7.2	7.2	7.2	7.2	1.3
	1960	100.0	...	13.4	6.7	10.9	7.5	9.5	17.9	16.2	10.4	5.0	1.4	1.1	5.0	16.2	10.4	5.0	10.4	5.0	5.0	5.0	5.0	5.0	5.0	1.1
	1950	100.0	...	9.2	17.9	...	9.6	11.6	21.3	22.1	8.5	3.7	1.5	1.1	3.7	21.3	8.5	3.7	8.5	3.7	3.7	3.7	3.7	3.7	3.7	0.3
CANADA	1971	100.0	...	0.8	1.1	2.7	3.0	4.1	16.4	16.4	21.9	2.5	0.6	0.4	2.5	16.4	21.9	2.5	21.9	2.5	2.5	2.5	2.5	2.5	2.5	0.4
	1961	100.0	...	0.8	1.2	1.9	2.3	4.4	23.7	23.5	25.2	1.5	0.6	0.3	1.5	23.5	25.2	1.5	25.2	1.5	1.5	1.5	1.5	1.5	1.5	0.3
	1951	100.0	...	0.3	4.5	...	3.0	5.6	25.8	26.5	20.5	1.6	0.5	0.5	1.6	26.5	20.5	1.6	20.5	1.6	1.6	1.6	1.6	1.6	1.6	0.5
COSTA RICA	1973	100.0	6.1	17.1	9.8	15.9	11.0	11.0	14.6	7.3	3.7	2.5	0.6	0.4	2.5	7.3	3.7	2.5	3.7	2.5	2.5	2.5	2.5	2.5	2.5	0.4
	1963	100.0	...	6.2	10.8	21.5	15.4	13.8	18.5	9.2	3.1	1.5	0.6	0.3	1.5	9.2	3.1	1.5	3.1	1.5	1.5	1.5	1.5	1.5	1.5	0.3
	1950	100.0	...	4.6	34.8	...	16.2	14.0	18.6	7.0	2.3	1.6	0.5	0.5	1.6	7.0	2.3	1.6	2.3	1.6	1.6	1.6	1.6	1.6	1.6	0.5
DOMINICAN REPUBLIC	1971	100.0	...	32.1	20.0	24.9	11.1	5.6	3.9	1.3	0.7	0.3	0.1	0.3	3.9	1.3	0.7	0.3	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.1
	1960	100.0	...	45.2	21.3	19.7	6.7	3.8	2.2	0.7	0.2	0.1	0.1	0.1	2.2	0.7	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	1950	100.0	...	33.8	42.5	...	12.0	6.2	3.6	1.1	0.4	0.2	0.1	0.1	3.6	1.1	0.4	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.1
EL SALVADOR	1971	100.0	14.8	41.8	18.6	13.5	5.0	2.8	2.2	0.6	0.3	0.2	0.1	2.2	0.6	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1
	1961	100.0	...	47.3	21.4	16.5	6.2	4.0	2.7	0.9	0.4	0.3	0.1	2.7	0.9	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1
	1950	100.0	...	40.2	40.2	...	8.0	5.2	4.0	1.1	0.6	0.4	0.1	4.0	1.1	0.6	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.1
HONDURAS	1974	100.0	...	17.5	20.0	26.7	14.4	9.7	7.7	2.1	1.0	0.5	0.1	7.7	2.1	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1
	1952	100.0	...	9.6	46.8	...	17.9	12.2	9.0	2.6	1.3	0.5	0.1	9.0	2.6	1.3	0.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.1
JAMAICA	1968/69	100.0	2.5	56.3	19.7	15.3	4.2	1.2	0.5	0.2	0.1	0.1	0.1	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	1961	100.0	...	45.9	25.2	18.9	6.3	1.9	1.3	0.2	0.1	0.1	0.1	1.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	1950	100.0	...	19.1	61.8	...	11.8	4.4	1.5	0.4	0.3	0.2	0.1	1.5	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1
MEXICO	1970	100.0	6.5	25.0	11.1	15.1	10.0	7.8	8.1	4.8	3.3	2.7	1.4	8.1	4.8	3.3	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.2
	1960	100.0	...	30.1	12.5	23.3	6.9	7.5	7.3	4.3	3.1	2.2	1.1	7.3	4.3	3.1	2.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	1.7
	1950	100.0	...	36.0	36.6	...	6.5	5.1	6.6	3.2	2.1	1.7	0.8	6.6	3.2	2.1	1.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4
PANAMA	1971	100.0	8.7	17.4	13.0	16.5	12.2	12.2	12.2	5.2	1.7	0.9	0.2	12.2	5.2	1.7	0.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.2
	1960	100.0	...	5.3	13.7	27.4	18.9	15.8	12.6	4.2	2.1	1.1	0.2	12.6	4.2	2.1	1.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.1
	1950	100.0	...	...	52.3	...	20.0	14.1	9.4	2.3	1.0	0.4	0.1	9.4	2.3	1.0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1
PUERTO RICO	1970	100.0	...	6.1	15.1	36.4	18.2	12.1	6.1	3.0	1.8	1.2	0.2	6.1	3.0	1.8	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.2
	1959	100.0	...	...	28.3	30.4	19.6	10.8	6.5	2.2	2.2	1.1	0.2	6.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.2
	1950	100.0	...	...	60.4	...	17.0	11.3	7.5	1.9	0.9	0.9	0.2	7.5	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.2

(continued)

For footnotes see table 15.1

TABLE 15.2 - Percent distribution of holdings by size of total area ^{1/}, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number of holdings	Holdings without land	Under 1 ha	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
Percent														
NORTH AND CENTRAL AMERICA (cont'd)														
UNITED STATES														
	1969	100.0	.....	2.6	1.4	3.3	5.8	10.1	23.2	23.2	16.9	9.2	2.6	1.7
	1959	100.0	.....	2.1	1.3	3.0	8.1	12.0	24.8	23.8	13.8	6.3	1.6	1.2
	1950	100.0	.....	1.2	10.2	10.6	14.5	14.5	26.9	21.0	9.9	3.8	1.9	...
	1969	100.0	.....	50.0	50.0	...	...	...	...	...	...	...	...	...
	1960	100.0	.....	60.0	20.0	...	...	...	...	...	...	...	...	...
	1950	100.0	.....	50.0	12.5	...	...	...	...	...	...	...	...	...
	1970	100.0	0.5	15.2	20.5	13.7	12.7	12.7	12.6	5.3	3.2	2.3	0.8	0.6
	1960	100.0	0.5	12.8	20.9	13.4	12.8	12.8	14.1	5.9	3.4	2.5	0.9	0.8
	1950	100.0	...	8.9	27.0	13.0	14.1	14.1	17.9	8.1	4.9	3.6	1.4	1.2
	1970	100.0	...	8.1	18.7	14.7	15.7	15.7	16.7	7.0	4.4	3.1	1.0	0.8
	1960	100.0	...	4.0	18.5	14.0	16.3	16.3	20.2	8.2	4.7	3.5	1.2	1.0
	1950	100.0	...	2.4	19.5	12.3	16.8	16.8	23.8	10.7	6.4	4.8	1.8	1.5
	1970/71	100.0	...	22.9	15.1	21.6	13.6	10.0	8.5	4.1	2.2	1.4	0.4	0.3
	1960	100.0	...	22.6	15.8	22.1	14.0	9.4	7.2	3.4	1.8	1.2	0.3	0.2
	1954	100.0	...	17.6	37.3	15.6	11.0	11.0	9.3	4.2	2.5	1.6	0.6	0.3
	1974	100.0	2.1	26.0	22.7	10.6	7.9	6.4	5.8	2.3	1.2	0.8	0.2	0.2
	1954	100.0	...	26.7	46.2	10.5	6.4	5.7	3.3	2.3	1.2	0.6	0.1	0.2
	1972	100.0	1.7	33.1	24.4	11.0	8.7	3.6	2.1	0.9	0.5	0.3	0.1	0.1
	1961	100.0	3.1	33.8	25.4	8.7	6.2	4.4	1.9	0.8	0.5	0.4	0.1	0.2
	1969	100.0	...	18.8	25.0	37.5	12.5	6.2	...	...	...	...	...	...
	1959	100.0	...	18.7	25.0	37.5	12.5	4.4	...	...	...	...	...	...
	1970	100.0	...	...	3.9	10.4	15.6	15.6	16.9	10.3	9.1	5.1	3.9	5.2
	1961	100.0	...	...	15.0	10.4	15.0	16.1	18.4	10.3	8.0	8.0	4.6	4.6
	1951	100.0	...	...	13.0	...	12.9	16.5	20.0	11.8	9.4	8.2	4.7	3.5
	1971	100.0	1.4	4.5	26.4	17.0	14.2	14.2	11.4	4.9	2.8	2.8	1.4	1.7
	1961	100.0	1.6	5.3	30.3	18.1	12.8	12.8	9.1	3.8	2.2	1.9	1.0	1.3
	1970	100.0	0.1	52.6	19.3	6.7	2.7	2.7	0.7	0.1	...	...	...	...
	1960	100.0	1.1	46.6	21.5	7.1	3.1	3.1	0.7	0.1	...	...	...	...
	1950	100.0	...	56.2	33.1	6.7	2.9	2.9	1.0	0.1	...	...	...	...
	1970/71	100.0	...	50.6	19.1	19.0	7.4	3.0	0.8	0.1	...	...	...	...
	1960	100.0	...	46.7	22.3	20.6	8.7	3.7	1.0	0.1	...	...	...	...
	1954	100.0	...	56.1	32.5	7.2	3.1	3.1	1.0	0.1	...	...	...	...
	1973	100.0	...	70.4	18.1	9.4	1.5	0.6	...	...	...	...	...	...
	1963	100.0	...	70.1	18.2	9.2	1.8	0.6	0.2	...	...	...	...	...
	1971	100.0	8.8	11.3	11.2	21.5	18.6	18.6	9.0	1.0	0.3	0.2	0.4	0.4
	1958	100.0	...	28.8	11.9	16.2	12.2	12.2	11.9	3.6	1.6	0.8	0.4	0.4
	1952	100.0	...	19.2	20.8	12.8	15.2	15.2	19.2	6.4	3.2	1.6	0.6	0.7
	1971	100.0	7.5	12.5	17.5	27.5	2.5	2.5	...	...	...	...	...	...
	1950	100.0	...	11.8	56.8	17.6	11.8	11.8	...	...	...	...	...	...

(continued)

For footnotes see table 15.1

TABLE 15.2 - Percent distribution of holdings by size of total area ^{1/}, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total number holdings	Holdings without land	Under 1 ha	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
Percent														
ASIA (cont'd)														
JAPAN 5/														
	1970	100.0	...	68.0	24.0	6.5	1.3	0.2	...	...	-	-	-	-
	1960	100.0	...	64.6	26.2	7.5	1.1	0.5	...	...	-	-	-	-
	1950	100.0	...	67.1	31.4	...	1.0	0.4	...	...	-	-	-	-
KOREA, Republic of 4/														
	1969/70	100.0	0.8	66.1	26.4	6.7	...	-	-	-	-	-	-	-
	1961	100.0	...	71.0	24.1	4.9	...	-	-	-	-	-	-	-
PAKISTAN														
	1972	100.0	...	13.8	14.3	39.9	21.1	7.7	2.5	0.6	...	-	-	-
	1960	100.0	14.6	28.1	14.2	23.5	12.8	6.8	...	-	...	-	-	-
PHILIPPINES														
	1971	100.0	...	13.6	27.4	43.8	10.4	3.6	1.0	0.2	...	-	-	-
	1960	100.0	...	11.5	29.6	39.9	13.4	4.6	0.7	0.1	...	-	-	-
	1948	100.0	...	19.2	65.2	...	9.8	4.0	1.5	0.2	...	0.1	...	...
SRI LANKA 6/														
	1973	100.0	0.6	70.6	16.9	9.9	1.3	0.4	0.2	...	-	-	-	-
	1960	100.0	...	65.3	19.0	12.5	2.1	0.7	0.3	0.1	...	-	-	-
EUROPE (18)														
	1970	100.0	0.5	28.6	13.5	22.8	16.7	10.2	5.8	1.3	0.5	0.1	...	-
	1960	100.0	0.2	19.4	14.7	26.1	19.8	12.0	6.0	1.3	0.4	0.1	...	-
	1950	100.0	...	16.8	46.1	...	19.5	10.6	5.1	1.3	0.4	0.2	...	-
AUSTRIA 7/														
	1970	100.0	...	9.4	11.6	19.6	17.1	20.2	17.1	3.3	1.1	0.6	...	-
	1960	100.0	...	8.3	12.9	21.0	18.2	19.7	15.4	3.0	1.0	0.3	0.1	0.1
	1951	100.0	...	8.3	38.2	...	19.5	18.3	12.4	1.9	0.7	0.5	0.1	0.1
BELGIUM 8/														
	1970	100.0	2.7	26.6	8.2	15.8	18.5	17.9	9.2	1.1	...	-	-	-
	1959	100.0	0.4	27.2	14.2	20.5	19.4	13.1	4.5	0.7	0.1	...	-	-
	1950	100.0	...	4.5	56.1	...	22.0	12.1	4.2	0.8	0.1	...	-	-
CZECHOSLOVAKIA 9/														
	1970	100.0	...	91.2	3.2	3.3	1.5	0.1	0.1	...	0.1	0.2	0.2	0.1
	1949	100.0	...	15.9	46.1	...	21.1	13.1	2.9	0.9	...	-	-	-
DENMARK 8/														
	1970	100.0	...	0.7	2.1	7.2	20.7	31.4	31.4	5.0	1.5	...	-	-
	1959	100.0	...	1.5	4.1	13.3	27.7	28.7	21.5	2.6	0.5	...	-	-
	1949	100.0	...	1.4	20.8	...	27.1	27.1	20.8	2.4	0.4	...	-	-
FINLAND 10/														
	1969	100.0	...	...	11.1	25.3	33.0	22.9	7.1	0.7	0.1	...	-	-
	1959	100.0	...	14.7	11.9	26.1	26.4	16.0	4.7	0.3	...	-	-	-
	1950	100.0	...	9.3	42.4	...	26.3	16.1	5.4	0.3	...	-	-	-
FRANCE 8/														
	1970	100.0	...	10.5	7.3	13.2	15.7	22.4	23.3	5.9	1.7	...	-	-
	1963	100.0	...	5.0	8.1	15.8	19.2	25.5	20.7	4.5	1.0	...	-	-
GERMANY, Fed Rep of 10/														
	1971	100.0	0.4	4.9	12.8	20.9	19.8	23.5	15.5	1.7	0.3	...	-	-
	1960	100.0	...	18.6	13.6	22.8	20.1	16.8	7.1	0.8	0.1	...	-	-
	1949	100.0	...	14.5	41.9	...	19.9	13.8	7.8	1.4	0.4	...	-	-
GREECE 9/														
	1971	100.0	1.1	21.6	22.3	34.5	15.7	4.1	0.9	...	-	-	-	-
	1950	100.0	...	28.5	57.0	...	11.3	2.6	0.5	0.1	...	-	-	0.2
HUNGARY														
	1972	100.0	4.9	85.9	6.0	2.5	0.4	...	-	-	-	-	-	-
	1949	100.0	...	9.1	60.2	...	23.2	6.2	1.2	0.1	...	-	-	-
ITALY														
	1970	100.0	0.4	31.9	18.9	24.7	13.0	6.7	3.1	0.8	0.6	...	-	-
	1961	100.0	0.3	32.6	18.6	24.8	13.1	6.7	2.7	0.7	0.3	...	-	-

(continued)

For footnotes see table 15.1

TABLE 15.2 - Percent distribution of holdings by size of total area $\frac{1}{2}$, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Genus Year	Total number holdings	Holdings without land	Under 1 ha	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
Percent														
EUROPE (cont'd)	1970	100.0	...	12.5	36.7	12.5	20.1	12.5	37.5	12.5	...	...	...	...
	1950	100.0	...	5.5	...	12.5	...	23.6	13.0	1.0	0.1	...	...	...
LUXEMBOURG 8/	1968/69	100.0	...	54.5	18.2	9.1	25.0	...	...	...	...	...	...	...
	1950	100.0	...	50.0	...	25.0	...	...	...	...	...	...	...	...
MALTA	1950	100.0	...	42.9	50.0	7.1	...	...	...	...	...	...	...	...
	1969/70	100.0	...	9.2	8.1	15.1	21.1	28.1	15.1	1.1	...	...	...	...
NETHERLANDS 8/	1959	100.0	5.5	19.5	10.4	18.2	20.1	17.5	8.1	0.6	...	...	...	...
	1950	100.0	...	15.4	...	35.8	22.5	17.2	8.4	0.7	0.1	...	...	...
NORWAY 8/	1969	100.0	...	7.7	13.5	35.5	27.1	11.6	3.9	0.6	...	...	...	...
	1959	100.0	...	9.6	20.8	38.1	21.3	7.6	2.5	0.2	...	...	...	...
NORWAY 8/	1949	100.0	...	10.8	...	59.2	20.2	7.5	2.3	0.1	...	...	...	...
	1970	100.0	...	19.5	13.9	28.5	26.1	11.0	1.1	...	...	...	...	...
POLAND 11/ 12/	1960	100.0	...	18.2	14.5	30.3	26.0	9.7	0.9	...	...	0.1	...	...
	1971	100.0	...	1.9	4.9	19.1	24.1	22.8	20.4	4.9	1.9	...	...	...
SWEDEN 12/	1961	100.0	...	0.4	11.4	25.5	28.5	20.2	11.4	1.9	0.8	...	...	...
	1951	100.0	...	11.9	...	38.6	23.8	15.9	7.7	1.5	0.5	...	...	...
UNITED KINGDOM	1970	100.0	...	4.3	5.5	12.2	12.2	15.3	24.5	14.4	7.7	3.0	0.6	0.3
	1960	100.0	...	6.0	9.2	16.7	12.6	15.4	20.8	11.6	5.4	1.7	0.4	0.2
YUGOSLAVIA	1950	100.0	...	7.7	...	26.5	14.7	14.6	19.3	10.5	4.6	2.0	...	...
	1969	100.0	...	21.5	17.8	35.0	19.8	4.9	0.9	...	...	...	...	...
YUGOSLAVIA	1960	100.0	...	17.9	17.0	36.2	21.5	5.9	1.3	...	...	...	...	...
	1951	100.0	...	27.0	...	46.8	17.8	6.3	1.5	0.6	...	...	...	...
OCEANIA (4)	1970	100.0	...	1.0	1.6	5.4	5.1	6.0	13.3	14.6	14.3	17.8	9.5	11.4
	1960	100.0	...	1.5	1.5	3.6	5.4	6.3	15.3	15.6	14.7	17.1	8.7	10.2
AMERICAN SAMOA	1950	100.0	...	0.6	...	9.6	6.0	6.3	15.9	15.5	13.8	15.9	7.8	8.7
	1969	100.0	...	50.0	50.0	...	...	...	...	...	...	...	...	...
AMERICAN SAMOA	1960	100.0	...	50.0	...	...	...	...	...	...	...	...	...	...
	1950	100.0	...	20.0	...	66.6	6.7	6.7	...	...	...	...	...	...
AUSTRALIA	1970/71	100.0	...	0.4	1.2	6.0	5.2	6.4	...	12.9	13.3	18.1	10.8	13.7
	1960	100.0	...	1.1	1.5	4.1	5.4	6.6	12.0	13.8	14.0	18.7	10.2	12.1
AUSTRALIA	1950	100.0	...	0.8	...	7.3	5.7	6.1	13.5	14.3	13.9	18.0	9.4	11.0
	1969	100.0	...	50.0	20.0	20.0	10.0	...	...	...	...	...	...	...
GUAM	1960	100.0	...	40.0	20.0	25.0	5.0	5.0	5.0	...	...	...	...	...
	1950	100.0	...	50.0	...	50.0	...	...	...	...	...	...	...	...
NEW ZEALAND	1972	100.0	...	...	1.6	3.2	4.8	4.8	19.0	22.2	19.0	17.5	4.8	3.2
	1960	100.0	...	...	...	2.6	5.2	6.5	24.7	22.1	18.2	13.0	3.9	3.9
NEW ZEALAND	1950	100.0	...	3.3	...	13.3	6.7	6.7	22.2	18.9	13.3	10.0	3.3	2.2

For footnotes see table 15.1

TABLE 15.3 - Area of holdings by size of total area, 1/1970, 1950, 1950

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area of all holdings	Less than 1 ha	Thousands of hectares										500 and under 1 000 ha	1 000 ha and over
				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				
TOTAL (51)	1970	1 984 448	26 273	36 242	85 389	87 467	88 522	117 325	117 895	145 760	219 118	127 369	932 178		
	1960	1 897 781	21 858	32 154	76 986	80 590	90 155	115 793	124 186	141 295	175 327	123 925	915 511		
	1950	1 652 613	12 176	82 807	64 673	70 663	117 886	143 844	148 100	153 408	261 710	592 346			
AFRICA (2)	1970	701	83	174	298	146	...	...	...	...	...	...	...
	1960	923	67	151	379	209	79	37	...	...	...	...	...
LESOTHO 2/	1970	372	32	94	187	59	...	...	...	...	...	...	...
	1960	353	31	67	175	59	...	...	...	...	...	...	...
TOGO 2/	1970	329	51	80	111	87	...	...	...	...	...	...	...
	1961	570	36	84	204	150	64	32	...	...	...	...	...
NORTH AND CENTRAL AMERICA (11)	1970	652 027	359	541	1 644	2 814	6 481	27 838	56 189	82 403	135 339	58 151	280 268		
	1960	703 236	345	585	2 202	3 480	8 830	39 838	76 700	96 212	102 557	61 602	310 884		
	1950	696 535	314	3 585	5 543	5 543	13 854	58 598	95 926	96 945	91 876	212 141	117 753		
CANADA	1971	68 663	2	5	30	86	237	1 925	5 024	11 312	49 042	...	...
	1961	69 828	2	9	29	80	315	4 213	8 297	18 482	20 650	8 862	9 189		
	1951	70 433	1	73	139	139	500	5 655	11 700	17 800	21 400	13 165	...		
COSTA RICA	1973	3 123	6	10	43	65	123	387	396	392	577	339	785		
	1962/63	2 668	3	9	41	66	135	375	370	314	406	252	697		
	1950	1 812	2	35	48	48	90	265	215	185	200	130	642		
DOMINICAN REPUBLIC	1971	2 736	41	75	236	231	231	357	268	249	268	148	632		
	1959/60	2 258	91	124	257	193	224	276	169	146	174	145	452		
	1950	2 328	48	270	225	225	246	298	223	167	177	109	565		
EL SALVADOR	1971	1 452	70	81	132	111	127	215	154	152	191	95	124		
	1961	1 559	55	64	113	102	128	210	166	132	214	128	247		
	1950	1 530	35	155	99	99	123	206	148	146	198	115	305		
HONDURAS	1974	2 630	22	54	164	201	268	461	301	267	313	184	395		
	1952	2 507	10	132	192	202	259	417	266	208	244	194	515		
JAMAICA	1968/69	603	39	54	83	55	30	28	23	30	261	...	...
	1961	693	26	54	78	80	33	45	28	36	42	271	...		
MEXICO	1970	139 868	145	183	553	778	1 198	2 783	3 714	4 916	9 148	10 023	106 437		
	1959/60	159 084	121	222	985	679	1 260	3 335	4 169	5 846	9 492	10 436	132 539		
	1950	145 517	182	1 181	703	703	1 000	2 940	3 304	4 212	8 057	8 359	115 579		
PANAMA	1971	2 098	5	17	55	90	183	415	363	252	238	139	341		
	1960	1 606	2	16	77	118	192	355	285	201	189	87	284		
	1950	1 159	...	...	36	106	153	237	156	103	100	61	147
PUERTO RICO	1970	525	1	6	34	38	47	61	56	87	195	...	...
	1958/59	661	...	18	42	57	73	91	78	64	238	...	...
	1950	725	...	75	65	65	75	115	90	65	240	...	...
UNITED STATES	1969	430 321	46	56	314	1 159	4 037	21 205	44 890	64 745	75 100	47 223	171 564		
	1959	454 661	28	69	579	2 105	6 469	30 936	63 137	71 289	71 148	41 414	167 469		
	1950	470 498	36	1 507	3 955	3 955	11 407	48 463	79 821	74 054	61 247	190 008	...		

See footnotes at end of table.

(continued)

TABLE 15.3 - Area of holdings by size of total area 1/1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area of all holdings	Less than 1 ha	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		
				0.02	0.04	0.1	0.1	0.1	0.3	0.6	0.4	0.6	1	2	3	5	6	13	26	50	100	200	500	1 000
Thousands of hectares																								
NORTH AND CENTRAL AMERICA (cont'd)																								
VIRGIN ISLANDS (U.S.)																								
	1969	8	0.02	0.04	0.1	0.1	0.1	0.1	0.3	0.6	0.4	0.6	1	2	3	5	6	13	26	50	100	200	500	1 000
	1960	19	0.02	0.09	0.5	0.5	0.5	0.5	0.6	2	1	2	1	2	3	4	4	4	4	4	7	7	7	7
	1950	26	...	...	...	...	...	...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOUTH AMERICA (7)																								
	1970	399 714	619	1 406	5 436	8 070	14 614	32 466	30 777	36 826	57 325	169 127	43 048	159 253	127 759	30 364	44 806	36 413	33 084	28 413	26 150	116 250	110 314	118 102
	1960	338 021	377	959	3 893	5 557	10 379	25 297	23 574	27 291	44 806	159 253	35 635	159 253	127 759	30 364	44 806	36 413	33 084	28 413	26 150	116 250	110 314	118 102
	1950	282 933	158	2 400	3 893	3 187	6 787	18 923	19 242	37 640	36 413	127 759	30 364	127 759	30 364	30 364	36 413	36 413	33 084	28 413	26 150	116 250	110 314	118 102
BRASIL 3/																								
	1970	294 145	236	658	3 003	5 186	10 743	25 425	23 902	29 700	45 958	116 250	33 084	116 250	110 314	26 150	35 852	21 764	21 764	21 764	21 764	21 764	21 764	21 764
	1960	249 862	104	382	2 051	3 416	7 684	20 819	19 063	21 764	35 852	110 314	28 413	110 314	110 314	26 150	35 852	21 764	21 764	21 764	21 764	21 764	21 764	21 764
	1950	232 211	28	1 142	1 142	1 855	4 924	15 262	15 377	18 337	31 034	118 102	26 150	118 102	118 102	26 150	31 034	18 337	18 337	18 337	18 337	18 337	18 337	18 337
COLOMBIA																								
	1971	30 993	127	239	781	1 088	1 599	3 054	3 198	3 552	4 790	9 426	3 229	9 426	8 426	3 229	4 790	3 552	3 552	3 552	3 552	3 552	3 552	3 552
	1960	27 338	132	270	837	1 165	1 572	2 639	2 680	2 596	2 639	8 322	2 131	8 322	8 322	2 131	2 639	2 680	2 680	2 680	2 680	2 680	2 680	2 680
	1954	27 748	84	843	843	983	1 316	2 594	2 586	3 432	4 686	7 415	3 432	7 415	7 415	3 432	4 686	3 432	3 432	3 432	3 432	3 432	3 432	3 432
ECUADOR																								
	1974	7 949	63	112	364	318	558	1 312	1 353	682	994	1 589	544	1 589	1 589	544	994	682	682	682	682	682	682	682
	1954	6 003	46	386	386	272	294	592	547	463	693	2 242	463	2 242	2 242	463	693	463	463	463	463	463	463	463
PERU																								
	1972	23 545	185	349	1 026	1 011	1 026	1 339	843	908	1 243	14 528	1 243	14 528	14 528	1 243	1 243	1 243	1 243	1 243	1 243	1 243	1 243	1 243
	1960/61	17 722	129	245	662	478	410	520	434	542	1 009	12 270	1 023	12 270	12 270	1 023	1 009	542	542	542	542	542	542	542
SURINAME																								
	1969	94	2	5	18	12	7	7	2	2	5	23	9	23	9	5	9	2	2	2	2	2	2	2
	1958/59	106	2	6	17	13	9	7	4	4	11	19	14	19	14	11	14	4	4	4	4	4	4	4
URUGUAY																								
	1970	16 518	...	5	25	80	169	411	559	931	2 133	9 644	2 561	9 644	9 644	2 561	2 133	931	931	931	931	931	931	931
	1961	16 988	...	7	27	99	197	495	674	1 042	2 174	9 674	2 609	9 674	9 674	2 609	2 174	1 042	1 042	1 042	1 042	1 042	1 042	1 042
	1951	16 974	...	29	29	77	193	535	732	15 408	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VENEZUELA																								
	1971	26 470	6	37	219	315	512	918	920	1 051	2 291	17 667	2 534	17 667	17 667	2 534	2 291	1 051	1 051	1 051	1 051	1 051	1 051	1 051
	1960/61	26 005	10	49	299	396	507	817	719	943	1 766	18 654	1 845	18 654	18 654	1 845	1 766	943	943	943	943	943	943	943
ASIA (9)																								
	1970	222 752	22 018	27 385	56 004	46 516	36 473	20 898	9 801	279	391	2 288	697	2 288	2 288	697	391	279	279	279	279	279	279	279
	1960	195 965	18 378	25 294	49 313	39 190	35 855	14 701	4 514	766	1 805	5 037	1 032	5 037	5 037	1 032	766	766	766	766	766	766	766	766
	1950	148 038	9 745	53	346	32 196	27 741	18 724	5 505	159	499	37	76	37	37	76	499	159	159	159	159	159	159	159
INDIA																								
	1970/71	162 124	14 545	19 282	41 928	36 305	28 521	15 572	5 971	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1960/61	131 873	8 826	16 004	36 717	29 948	24 352	12 340	3 686	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1954	135 856	7 577	41 791	41 791	30 758	26 539	17 857	5 334	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
INDONESIA																								
	1973	16 394	4 104	3 397	3 762	1 450	1 456	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1962/63	14 635	3 691	2 942	3 190	1 447	891	722	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IRAQ																								
	1971	5 733	33	87	327	866	1 422	1 493	375	255	304	3 537	896	3 537	3 537	896	304	255	255	255	255	255	255	255
	1957/58	8 035	26	41	123	211	430	865	590	494	806	1 26	87	1 26	1 26	87	51	494	494	494	494	494	494	494
ISRAEL 5/																								
	1971	537	6	14	44	125	25	12	11	24	87	63	126	63	63	126	87	24	24	24	24	24	24	24
	1950	261	2	22	22	19	23	13	6	12	51	37	76	37	37	76	51	12	12	12	12	12	12	12
JAPAN 6/																								
	1970	5 389	1 730	1 786	960	778	135	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1960	7 142	2 184	2 416	1 397	505	428	212	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1950	6 194	2 001	3 219	3 219	417	337	220	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(continued)

See footnotes at end of table.

TABLE 15.3 - Area of holdings by size of total area 1/1, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area of all holdings	Less than 1 ha	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	
				1 ha	2 ha	5 ha	10 ha		20 ha	50 ha	100 ha	200 ha							
ASIA (cont'd)																			
KOREA, Republic of 4/	1969/70	2 132	820	863	449	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1961	4 815	2 557	1 608	650	...	...	...	...	...	...	...	...	...	...	...	...	...	...
PAKISTAN	1972	19 913	268	769	4 993	5 286	3 729	2 263	...	...	...	...	...	...	...	...	...	...	...
	1959/60	19 801	680	1 178	4 412	5 072	8 459	...	...	...	...	...	...	...	...	...	...	...	...
PHILIPPINES	1971	8 494	162	802	3 099	1 553	1 084	1 181	613	...	...	...	...	...	...	...	...	...	...
	1959/60	7 772	124	796	2 427	1 845	1 189	1 163	439	...	...	...	...	...	...	...	...	...	...
	1948	5 727	165	2 314	...	1 002	842	165	634	...	...	...	...	...	...	...	...	...	...
SRI LANKA	1973	2 036	350	386	442	155	100	603	...	...	...	...	...	...	...	...	...	...	...
	1961/62	1 888	290	309	397	162	106	103	75	...	...	...	...	...	...	...	...	...	...
EUROPE (18)	1970	192 985	3 193	6 730	21 951	29 804	30 680	34 703	17 659	20 691	7 834	4 031	15 710	...	...	...	...	...	...
	1960	177 228	2 687	5 158	21 154	32 027	34 694	34 182	15 653	10 026	7 667	4 305	9 675	...	...	...	...	...	...
	1950	131 838	1 956	23 391	...	23 608	21 957	19 758	19 454	6 714	12 223	456	2 321	...	...	...	...	...	...
AUSTRIA 2/	1970	7 490	25	65	245	464	1 104	1 926	855	556	2 250	...	...	...	...	...	...	...	...
	1960	7 684	24	72	276	520	1 129	1 784	781	462	450	...	...	...	...	...	...	...	...
	1951	7 717	25	427	...	583	1 103	1 515	542	462	557	...	...	...	...	...	...	...	...
BELGIUM 8/	1970	1 602	30	24	104	252	489	500	152	51	...	...	...	...	...	...	...	...	...
	1959	1 767	31	60	191	387	515	393	135	55	...	...	...	...	...	...	...	...	...
	1950	1 801	6	402	...	431	462	334	124	42	...	...	...	...	...	...	...	...	...
CZECHOSLOVAKIA 9/	1970	11 874	592	80	189	187	173	235	817	1 411	2 145	2 355	3 690	...	...	...	...	...	...
	1949	11 643	147	1 557	...	1 881	2 215	1 033	4 810	...	...	...	...	...	...	...	...	...	...
DENMARK 8/	1970	2 941	1	5	36	216	623	1 305	455	300	...	...	...	...	...	...	...	...	...
	1959	3 108	2	12	94	392	805	1 234	339	139	...	...	...	...	...	...	...	...	...
	1949	3 158	2	132	...	410	790	1 305	305	110	...	...	...	...	...	...	...	...	...
FINLAND 10/	1969	15 150	498	2 513	5 029	4 410	2 126	382	192	...	...	...	...	...	...	...	...	...	...
	1959/60	15 960	467	718	3 339	4 724	4 065	2 099	188	...	...	...	...	...	...	...	...	...	...
	1950	15 306	239	4 156	...	4 138	3 860	2 347	365	...	...	...	...	...	...	...	...	...	...
FRANCE 8/	1970	35 039	244	317	1 061	2 477	6 298	12 892	6 896	4 854	1 403	...	...	...	...	...	...	...	...
	1963	35 794	71	284	1 248	3 187	7 841	12 899	6 112	2 749	...	...	...	...	...	...	...	...	...
GERMANY, Fed Rep of 10/	1971	15 234	85	272	923	1 853	4 311	5 624	1 424	464	...	...	...	...	...	...	...	...	...
	1960	18 024	625	580	1 796	3 116	5 042	4 645	1 293	509	...	...	...	...	...	...	...	...	...
	1949	22 173	214	2 250	...	2 901	3 938	4 744	1 957	1 156	...	...	...	...	...	...	...	...	...
GREECE 8/	1971	3 586	113	330	1 165	1 093	553	243	89	...	...	...	...	...	...	...	...	...	...
	1950	3 606	231	1 563	...	797	366	168	61	...	...	...	...	...	...	...	...	...	...
HUNGARY	1972	7 476	236	64	60	18	2	3	2 450	...	...	...	...	...	...	...	...	...	...
	1949	8 000	100	2 035	...	1 900	995	520	...	...	...	...	...	...	...	...	...	...	...
ITALY	1970	25 064	615	1 030	2 938	3 325	3 354	3 353	2 037	8 412	...	...	...	...	...	...	...	...	...
	1960/61	26 572	710	1 206	3 495	3 976	4 008	3 493	1 944	1 615	...	...	...	...	...	...	...	...	...

See footnotes at end of table.

(continued)

TABLE 15.3 - Area of holdings by size of total area 1/, 1970, 1960, 1950 (cont'd)

Countries by continent's (number of reporting countries is given in parenthesis)	Census year	Total area of all holdings	Thousands of hectares										1 000 ha and over			
			Less than 1 ha	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				
EUROPE (cont'd)	1970	135	0.3	0.7	13	7	23	82	19	...	...	...	...	...	...	...
	1950	140	0.3	0.7	13	7	23	82	19	...	...	...	...	...	...	...
LUXEMBOURG 8/	1968/69	16	2	3	7	3	0.5	0.1	...	...	...	...	...	...	...	...
	1959/60	18	2	4	8	3	0.5	0.2	...	...	...	...	...	...	...	...
MALTA	1969/70	2 143	10	20	94	290	737	794	144	54	...	...	...	...	...	...
	1959	2 658	41	60	220	500	824	774	137	102	...	...	...	...	...	...
NETHERLANDS 8/	1970	2 318	21	262	466	466	682	705	122	60	...	...	...	...	...	...
	1950	7 772	100	354	2 180	2 810	1 517	666	145	...	...	...	...	...	...	...
NORWAY 8/	1969	7 369	115	488	2 460	2 396	1 210	551	127	22	...	...	...	...	...	...
	1949	6 903	107	2 463	4 260	2 165	1 355	655	130	28	...	...	...	...	...	...
POLAND	1970	16 419	306	690	3 259	6 324	4 853	927	60	...	...	...	...	...	...	...
	1960	22 932	354	885	4 259	7 768	5 258	1 034	197	150	935	1 413	679	...	...	...
SWEDEN 11/ 12/	1971	10 590	55	227	1 401	2 181	2 167	2 374	1 023	1 162	...	...	...	...	...	...
	1961	3 866	1	58	323	696	908	1 028	414	438	...	...	...	...	...	...
UNITED KINGDOM	1951	16 300	424	4 701	4 441	4 441	3 046	1 904	766	1 018	...	...	...	...	...	...
	1970	17 992	8	25	135	287	728	2 625	3 331	3 378	3 017	1 278	3 180	...	...	...
YUGOSLAVIA	1960	19 023	21	60	254	427	1 059	3 152	3 764	3 378	2 442	1 132	3 334	...	...	...
	1950	19 502	24	355	565	565	1 094	3 423	4 002	3 571	6 468	...	...	...	...	...
OCEANIA (4)	1970	516 269	1	6	56	115	274	1 421	3 379	6 561	18 229	21 442	464 785	...	...	...
	1960	482 408	3	7	45	127	318	1 738	3 745	7 000	18 412	20 351	430 662	...	...	...
AMERICAN SAMOA	1969	393 269	3	85	139	139	324	1 823	3 717	6 632	17 397	18 673	344 476	...	...	...
	1950	4	0.4	0.8	1	0.5	0.6	0.7	0.4	...	...	...	...	...	...	...
AUSTRALIA	1970/71	497 224	1	4	46	94	225	1 024	2 355	4 775	14 942	19 196	454 562	...	...	...
	1959/60	464 576	2	6	33	94	235	1 079	2 486	5 051	15 359	18 208	422 023	...	...	...
GUAM	1969	375 788	1	50	99	99	226	1 125	2 520	4 867	14 530	16 600	335 770	...	...	...
	1950	11	0.1	0.3	1	0.4	0.5	1	8	...	...	...	...	...	...	...
NEW ZEALAND	1972	19 030	0.2	1	8	20	48	395	1 016	1 786	3 287	2 246	10 223	...	...	...
	1959/60	17 874	...	...	...	31	82	657	1 252	1 949	2 867	2 143	8 639	...	...	...
1950	17 465	...	...	...	38	95	695	1 194	1 764	2 073	2 073	8 706	...	...	...

1/ Unless otherwise specified in footnotes. 2/ Classification by land under crops. 3/ Data for 1970 exclude 18 377 holdings of size not reported. 4/ Classification by cropland. 5/ Excluding 2 074 ha in holdings without cropland. 6/ Classification by cultivated land (land under crops and cultivated pastures) for 1970 census and by agricultural area for 1960 and 1950 censuses. 7/ Classification by production by agricultural land, and wood and forest land for 1970 census and by total area for 1960 and 1950 censuses. 8/ Classification by agricultural area. 9/ Classification by land under agricultural area for 1970 census and by total area for 1950 census. 10/ Classification by land under agricultural area for 1970 and 1960 censuses and by total area for 1950 census. 11/ Classification by arable land. 12/ Data on area for 1961 relate to arable land only.

TABLE 15.4 - Percent distribution of area of holdings by size of total area 1/ 1970, 1960, 1950

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total area	Less than 1 ha	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
Percent													
TOTAL (51)	1970	100.0	1.3	1.8	4.3	4.4	4.5	5.9	5.9	7.4	11.0	6.4	47.0
	1960	100.0	1.2	1.7	4.1	4.3	4.8	6.1	6.6	7.5	9.2	6.5	48.0
	1950	100.0	0.7	5.0	5.0	3.9	4.3	7.1	8.7	9.0	9.6	15.8	35.8
AFRICA (2)	1970	100.0	11.8	24.8	42.5	20.8	...	4.0	...	...	...	...	...
	1960	100.0	7.3	16.4	41.0	22.6	8.6	...	...	...	...	...	...
LESOTHO 2/	1970	100.0	8.6	25.3	50.3	15.9	...	1.4	...	...	...	...	...
	1960	100.0	8.8	19.0	49.6	16.7	4.5	...	...	...	...	...	...
TOGO 2/	1970	100.0	15.5	24.3	33.7	26.5	...	5.6	...	...	...	...	...
	1961	100.0	6.3	14.8	35.8	26.3	11.2	...	...	...	...	...	...
NORTH AND CENTRAL AMERICA (11)	1970	100.0	0.1	0.1	0.3	0.4	1.0	4.3	8.6	12.6	20.8	8.9	42.9
	1960	100.0	...	0.1	0.3	0.5	1.2	5.7	10.9	13.7	14.6	8.8	44.2
	1950	100.0	...	0.5	0.5	0.8	2.0	8.4	13.8	13.9	13.2	30.5	16.9
CANADA	1971	100.0	...	...	...	0.1	0.4	2.8	8.8	16.5	71.4	...	...
	1961	100.0	...	...	...	0.1	0.5	6.0	13.9	25.0	25.6	12.7	13.2
	1951	100.0	...	...	...	0.2	0.7	8.0	16.6	25.3	30.4	18.7	...
	1973 1962/63 1950	100.0	0.2	0.3	1.4	2.1	3.9	12.4	12.7	12.6	18.4	10.9	25.1
COSTA RICA	1971	100.0	1.5	2.7	8.6	8.4	8.5	13.1	9.8	9.1	9.8	5.4	23.1
	1961	100.0	4.0	5.5	11.4	8.6	9.9	12.2	7.5	7.7	6.4	20.3	...
	1950	100.0	2.0	11.6	11.6	9.6	10.6	12.8	9.6	7.2	7.6	4.7	24.3
	1971	100.0	4.8	5.6	9.1	7.6	8.8	14.8	10.5	10.5	13.2	6.5	8.5
EL SALVADOR	1961	100.0	3.5	4.1	7.3	6.5	8.2	13.5	10.7	8.5	13.7	8.2	15.8
	1950	100.0	2.3	10.1	10.1	6.5	8.0	13.5	9.7	9.6	12.9	7.5	19.9
	1974	100.0	0.8	2.1	6.2	7.6	10.2	17.5	11.5	10.2	11.9	7.0	15.0
HONDURAS	1952	100.0	0.4	7.7	7.7	8.1	10.3	16.6	10.6	8.3	9.7	7.7	20.6
	1968/69	100.0	6.5	8.9	13.8	9.1	5.0	4.6	3.8	5.0	43.3	...	...
JAMAICA	1961	100.0	3.7	7.8	11.3	11.5	4.8	6.5	4.0	5.2	6.1	39.1	...
	1970	100.0	0.1	0.1	0.4	0.6	0.9	2.0	2.6	3.5	6.5	7.2	76.1
MEXICO	1959/60	100.0	0.1	0.1	0.6	0.4	0.7	2.0	2.5	3.4	5.6	6.2	78.4
	1950	100.0	0.1	0.8	0.8	0.5	0.7	2.0	2.3	2.9	5.5	5.8	79.4
PANAMA	1971	100.0	0.3	0.8	2.6	4.3	8.7	19.8	17.3	12.0	11.3	6.6	16.3
	1960	100.0	0.1	0.9	4.3	6.5	10.6	19.7	15.8	11.1	10.5	4.8	15.7
	1950	100.0	...	...	...	9.1	13.2	20.4	13.5	8.9	8.6	5.3	12.7
PUERTO RICO	1970	100.0	0.2	1.2	6.5	7.2	9.0	11.6	10.7	16.6	37.0	...	...
	1958/59	100.0	...	2.7	6.4	8.6	11.0	13.8	11.8	9.7	36.0	...	...
	1950	100.0	...	10.3	10.3	9.0	10.3	15.9	12.4	9.0	33.1	...	...
UNITED STATES	1969	100.0	...	...	0.1	0.3	0.9	4.9	10.4	15.0	17.5	11.0	39.9
	1959	100.0	...	...	0.1	0.5	1.4	6.8	13.9	15.7	15.7	9.1	36.8
	1950	100.0	...	...	0.3	0.8	2.4	10.3	17.0	15.7	13.0	40.4	...

(continued)

For footnotes see table 15.3

TABLE 15.4 - Percent distribution of area of holdings by size of total area 1/ 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area	Less than 1 ha	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
Percent													
NORTH AND CENTRAL AMERICA (cont'd)													
VIRGIN ISLANDS (U.S.)													
	1969	100.0	0.2	0.5	1.2	1.2	3.5	7.0	4.7	11.7	70.1	..	..
	1960	100.0	0.1	0.5	2.8	2.6	3.4	11.3	5.7	11.3	22.6	39.5	..
	1950	100.0	..	3.8	..	3.9	3.9	7.7	11.5	19.2	50.0	..	..
SOUTH AMERICA (7)													
 BRAZIL 3/													
	1970	100.0	0.1	0.2	1.0	1.8	3.7	8.6	7.7	9.2	14.3	10.8	42.3
	1960	100.0	0.1	0.3	1.1	1.6	3.1	7.5	7.0	8.1	13.3	10.8	47.1
	1950	100.0	0.1	0.8	0.8	1.1	2.4	6.7	6.8	13.3	12.9	10.7	45.2
 COLOMBIA													
	1970	100.0	0.1	0.2	0.5	0.8	3.1	8.3	8.1	10.1	15.6	11.3	39.5
	1960	100.0	..	0.2	0.8	1.4	3.1	8.3	7.6	8.7	14.3	11.4	44.2
	1950	100.0	..	0.5	0.5	0.8	2.1	6.6	6.6	7.9	13.4	11.3	50.8
 ECUADOR													
	1970	100.0	0.4	0.8	2.5	3.5	5.2	9.9	10.3	11.4	15.2	10.4	30.4
	1960	100.0	0.5	1.0	3.1	4.3	5.7	9.6	9.8	11.0	14.6	10.0	30.4
	1954	100.0	0.3	3.0	..	3.5	5.0	9.3	9.3	12.4	16.9	13.5	26.7
 PERU													
	1974	100.0	0.8	1.4	4.6	4.8	7.0	16.5	17.0	8.6	12.5	6.8	20.0
	1954	100.0	0.8	6.4	..	4.5	4.9	9.9	9.1	7.7	11.6	7.7	31.4
 SURINAME													
	1972	100.0	0.8	1.5	4.3	4.3	4.3	5.7	3.6	3.9	5.3	4.6	61.7
	1960/61	100.0	0.7	1.4	3.7	2.7	2.3	2.9	2.5	3.1	5.7	5.8	69.2
 URUGUAY													
	1969	100.0	2.1	6.4	19.2	12.8	7.4	7.4	2.1	2.1	6.4	9.6	24.5
	1958/59	100.0	1.9	5.6	16.0	12.3	8.5	6.6	3.8	3.8	10.4	13.2	11.9
 VENEZUELA													
	1970	100.0	..	..	0.2	0.5	1.0	2.5	3.4	5.6	12.9	15.5	58.4
	1961	100.0	..	..	0.2	0.5	1.2	2.9	4.0	6.1	12.3	15.4	56.9
	1951	100.0	..	..	0.2	0.5	1.1	3.1	4.3	9.8	..	..	..
	1971	100.0	..	0.1	0.8	1.2	1.9	3.5	3.5	4.0	8.7	9.6	66.7
	1960/61	100.0	..	0.2	1.2	1.5	2.0	3.1	2.8	3.6	6.8	7.1	71.7
 ASIA (9)													
 INDIA													
	1970	100.0	9.9	12.3	25.1	20.9	16.4	9.4	4.4	0.1	0.2	0.3	1.0
	1960	100.0	9.4	12.9	25.2	20.0	18.3	7.5	2.3	0.4	0.9	0.5	2.6
	1950	100.0	6.6	36.0	..	21.7	18.7	12.6	3.7	0.1	0.3	0.1	0.1
 INDONESIA													
	1970/71	100.0	9.1	11.9	25.8	22.4	17.6	9.6	3.7	..	..	..	..
	1960/61	100.0	6.7	12.1	27.8	22.7	18.5	9.4	2.8	..	..	..	..
	1954	100.0	15.6	35.2	..	22.6	19.5	13.2	3.9	..	..	..	..
 JAPAN 6/													
	1975	100.0	25.0	20.7	23.0	8.8	8.9	..	..	..	..	..	13.6
	1962/63	100.0	25.2	20.1	21.8	9.9	6.1	4.9	..	0.2	0.6	0.9	10.3
	1971	100.0	0.6	1.5	5.7	15.1	24.8	26.0	6.5	4.5	5.3	10.0	..
	1957/58	100.0	0.3	0.5	1.5	2.6	5.4	11.0	7.3	6.2	10.0	11.2	44.0
	1971	100.0	1.1	2.6	8.2	23.3	4.7	2.2	2.0	4.5	16.2	23.5	11.7
	1960	100.0	0.2	8.4	..	7.3	8.8	5.0	2.3	4.6	19.5	29.1	14.2
	1970	100.0	32.1	33.2	17.8	14.4	2.5	..	..	..	..	..	..
	1960	100.0	30.6	33.8	19.5	7.1	6.0	3.0	..	..	..	..	..
	1950	100.0	32.3	52.0	..	6.7	5.4	3.6	..	..	..	..	..

(continued)

For footnotes see table 15.3

TABLE 15.4 - Percent distribution of area of holdings by size of total area ^{1/}, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area	Less than 1 ha	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
<u>ASIA</u> (cont'd)							Percent						
KOREA, Republic of ^{4/}	1969/60	100.0	38.4	40.5	21.1	...	-	-	-	-	-	-	-
	1961	100.0	53.1	33.4	13.5	...	-	-	-	-	-	-	-
PAKISTAN	1972	100.0	1.3	3.9	25.1	26.5	18.7	13.1	11.4	...	-	-	-
	1959/60	100.0	3.4	6.0	22.3	25.6	42.7	...	-	-	-	-	-
PHILIPPINES	1971	100.0	1.9	9.4	36.5	18.3	12.8	7.2	13.9	...	-	-	-
	1959/60	100.0	1.6	10.2	31.2	23.7	15.3	5.7	2.1	2.0	8.2	...	...
	1948	100.0	2.9	40.4	...	17.5	14.7	11.1	2.9	2.7	7.8	...	...
SRI LANKA	1973	100.0	17.2	19.0	21.7	7.6	4.9	29.6	...	4.8	18.8	...	...
	1961/62	100.0	15.4	16.4	21.0	8.6	5.6	5.4	4.0	...	...	...	...
<u>EUROPE</u> (18)	1970	100.0	1.7	3.5	11.4	15.4	15.9	18.0	9.2	10.7	4.1	2.1	8.1
	1960	100.0	1.5	2.9	11.9	18.1	19.6	19.3	8.8	5.7	4.3	2.4	5.5
	1950	100.0	1.5	17.7	...	17.9	16.7	15.0	14.7	5.1	9.3	0.3	1.8
AUSTRIA ^{1/}	1970	100.0	0.3	0.9	3.3	6.2	14.8	25.7	11.4	7.4	30.0	...	...
	1960	100.0	0.3	0.9	3.6	6.8	14.7	23.2	10.2	7.7	5.9	4.2	22.5
	1951	100.0	0.3	5.5	...	7.6	14.3	19.6	7.0	6.0	7.2	5.1	27.4
BELGIUM ^{8/}	1970	100.0	1.9	1.5	6.5	15.7	30.5	31.2	9.5	3.2	...	...	...
	1959	100.0	1.8	3.4	10.8	21.9	22.2	22.2	7.6	3.1	...	...	...
	1950	100.0	0.3	22.3	...	23.9	25.7	18.6	6.9	2.3	...	...	...
CZECHOSLOVAKIA ^{9/}	1970	100.0	5.0	0.7	1.6	1.6	1.4	2.0	6.9	11.9	18.0	19.8	31.1
	1949	100.0	1.3	13.4	...	16.1	19.0	8.9	41.3	...	...	...	...
DENMARK ^{8/}	1970	100.0	...	0.2	1.2	7.3	21.2	44.4	15.5	10.2	...	...	...
	1959	100.0	0.1	0.4	3.0	12.6	25.9	39.7	10.9	4.5	2.9	...	...
	1949	100.0	0.1	4.2	...	13.0	25.0	41.3	9.6	3.5	3.3	...	...
FINLAND ^{10/}	1969	100.0	3.3	16.6	33.2	29.1	14.0	2.5	1.3	...	...	...	...
	1959/60	100.0	2.9	4.5	20.9	29.6	25.5	13.1	2.3	1.2	...	...	...
	1950	100.0	1.6	27.2	...	27.0	25.2	15.3	2.4	1.3	...	...	...
FRANCE ^{8/}	1970	100.0	0.7	0.9	3.0	7.1	18.0	36.8	19.7	13.8	...	...	...
	1963	100.0	0.2	0.8	3.5	8.9	21.9	36.0	17.1	7.7	3.9	...	...
GERMANY, Fed Rep of ^{10/}	1971	100.0	0.6	1.8	6.1	12.2	28.3	36.9	9.3	3.0	1.8	...	...
	1960	100.0	3.5	3.2	9.9	17.3	28.0	25.8	7.2	2.8	2.3	...	...
	1949	100.0	1.1	10.1	...	13.1	17.8	21.4	8.8	5.2	22.6	...	...
GREECE ^{8/}	1971	100.0	3.1	9.2	32.5	30.5	15.4	6.8	2.5	...	...	...	...
	1950	100.0	6.4	43.4	...	22.1	10.1	4.7	1.7	1.8	2.2	1.8	5.8
HUNGARY	1972	100.0	3.2	0.9	0.8	0.2	...	...	0.1	0.2	0.6	3.4	90.6
	1949	100.0	1.3	25.4	...	23.8	12.4	6.5	30.6	...	...	...	...
ITALY	1970	100.0	2.4	4.1	11.7	13.3	13.4	13.4	8.1	33.6	...	...	...
	1960/61	100.0	2.7	4.5	13.2	15.0	15.1	13.1	7.3	6.1	6.5	4.6	11.9

(continued)

For footnotes see table 15.3

TABLE 15.4 - Percent distribution of area of holdings by size of total area ^{1/}, 1970, 1960, 1950 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total area	Less than 1 ha	Percent						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
				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					
EUROPE (cont'd) LUXEMBOURG 8/	1970	100.0	0.2	0.5	2.2	5.2	17.0	60.7	14.2	0.7	—	—	—	—
	1950	100.0	0.2	9.3	—	15.0	33.5	35.6	5.7	—	—	—	—	—
	1968/69 1959/60	100.0 100.0	12.8 11.0	19.2 22.0	44.9 43.9	19.2 16.5	3.2 5.5	0.7 1.1	—	—	—	—	—	—
NETHERLANDS 8/	1969/70	100.0	0.5	0.9	4.4	13.5	34.4	37.0	6.7	2.6	—	—	—	—
	1959 1950	100.0 100.0	1.5 0.9	2.3 11.3	8.3 20.1	18.8 20.1	29.1 29.4	29.1 30.4	5.2 5.3	2.6	—	—	—	—
NORWAY 8/	1969	100.0	1.3	4.5	28.0	36.2	19.5	8.6	1.9	—	—	—	—	—
	1959 1949	100.0 100.0	1.6 1.6	6.6 35.7	33.4 —	32.5 31.4	16.4 19.6	7.5 9.5	1.7 1.9	0.3 0.4	—	—	—	—
POLAND	1970	100.0	1.9	4.2	19.8	38.5	29.6	5.6	0.4	—	—	—	—	—
	1960	100.0	1.5	3.9	18.6	33.9	22.9	4.5	0.8	0.6	4.1	6.2	3.0	—
SWEDEN 11/ 12/	1971	100.0	0.5	2.1	13.2	20.6	20.5	22.4	9.7	11.0	—	—	—	—
	1961	100.0	2.5	1.5	8.4	18.0	23.5	26.6	10.7	11.3	—	—	—	—
	1951	100.0	2.5	—	28.8	27.2	18.7	11.7	4.7	6.2	—	—	—	—
UNITED KINGDOM	1970	100.0	0.0	0.1	0.8	1.6	4.0	14.6	18.5	18.8	16.8	7.1	17.7	—
	1960	100.0	0.1	0.3	1.3	2.2	5.6	16.6	19.8	17.8	12.8	6.0	17.5	—
	1950	100.0	0.1	—	1.8	2.9	5.5	17.6	20.5	18.3	33.2	—	—	—
	1969 1960 1951	100.0 100.0 100.0	2.2 1.8 3.1	5.7 5.4 —	25.0 25.6 23.2	28.9 31.6 21.9	13.0 16.3 15.1	6.2 8.8 8.0	0.1 0.4 28.7	0.1 0.4	0.3 0.7	0.8 1.5	1.2 1.7	16.6 6.2
OCCEANIA (4)	1970	100.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	3.5	4.1	90.0	—
	1960	100.0	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.4	3.8	4.2	89.3	—
	1950	100.0	0.0	0.0	0.0	0.0	0.1	0.5	0.9	1.7	4.4	4.8	87.6	—
AMERICAN SAMOA	1969	100.0	10.0	20.0	25.0	12.5	15.0	17.5	—	—	—	—	—	—
	1960	100.0	7.4	18.5	37.1	18.5	7.4	3.7	7.4	—	—	—	—	—
	1950	100.0	1.9	—	37.0	18.5	18.5	—	—	—	—	—	—	—
AUSTRALIA	1970/71	100.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.0	3.0	3.9	91.4	—
	1959/60	100.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.1	3.3	3.9	90.8	—
	1950	100.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.3	3.9	4.4	89.3	—
GUAM	1969	100.0	0.9	2.6	8.9	3.5	4.4	8.9	70.8	0.0	—	—	—	—
	1960 1950	100.0 100.0	0.7 1.0	3.0 19.8	14.9 9.9	6.7 9.9	7.5 19.8	14.9 19.8	52.2 29.7	0.0 0.0	—	—	—	—
NEW ZEALAND	1972	100.0	0.0	0.0	0.1	0.1	0.3	2.1	5.3	9.4	17.3	11.8	53.7	—
	1959/60	100.0	0.0	0.0	0.2	0.2	0.5	3.7	7.0	11.0	17.1	12.0	48.5	—
	1950	100.0	0.0	0.0	0.2	0.2	0.5	4.0	6.8	10.1	16.4	11.9	49.9	—

For footnotes see table 15.3

TABLE 15.5 - Number of holdings with area less than 1 hectare, by size, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total number of all holdings	Number of holdings without land	Number of holdings with land having less than 1 ha			Percentage distribution				
				Total under 1 ha	Under 0.5 ha	0.5 and under 1 ha	All holdings	Holdings without land	Holdings with land having less than 1 ha		0.5 and under 1 ha
									Total	Under 0.5 ha		Under 0.5 ha
TOTAL (7)	1970 1960	96 857 511 73 220 000	43 835 26 705	52 179 438 34 865 607	33 240 080 20 009 988	18 939 358 14 859 619	100.0 100.0	0.1 0.1	53.8 47.6	34.3 27.3	19.5 20.3
AFRICA (1)	1970 1960	232 657 217 000	...	125 545 64 919	72 746 28 737	52 797 36 182	100.0 100.0	...	54.0 29.9	31.3 13.2	22.7 16.7
TOGO	1970 1960	232 657 217 000	...	125 545 64 919	72 748 28 737	52 797 36 182	100.0 100.0	...	54.0 29.9	31.3 13.2	22.7 16.7
SOUTH AMERICA (1)	1970 1960	1 330 877 870 000	23 626 26 705	459 724 292 920	313 069 157 475	146 655 135 445	100.0 100.0	1.7 3.1	33.0 33.7	22.5 18.2	10.5 15.6
PERU	1972 1960	1 390 877 870 000	23 626 26 705	459 724 292 920	313 069 157 475	146 655 135 445	100.0 100.0	1.7 3.1	33.0 33.7	22.5 18.1	10.5 15.6
ASIA (4)	1970 1960	92 643 837 69 509 000	20 209 ...	51 036 428 34 040 328	32 538 752 19 571 554	18 497 676 14 468 774	100.0 100.0	- ...	55.1 48.9	35.1 28.1	20.0 20.8
INDIA	1970/71 1960	70 493 000 48 862 000	...	35 682 000 19 897 000	23 178 000 11 359 000	12 504 000 8 538 000	100.0 100.0	...	50.6 40.7	32.9 23.2	17.7 17.5
INDONESIA	1973 1960	14 375 343 12 238 000	...	10 115 055 8 576 756	6 560 758 5 331 872	3 554 297 3 244 084	100.0 100.0	...	70.4 70.1	45.7 43.6	24.7 26.5
JAPAN	1970 1960	5 354 074 5 057 000	...	3 639 144 3 911 695	2 024 759 2 064 291	1 614 385 1 847 404	100.0 100.0	...	68.0 64.6	37.8 34.1	30.2 30.5
KOREA, Republic of	1969/70 1960	2 421 420 2 332 000	20 209 ...	1 600 229 1 554 877	775 235 816 391	824 994 838 486	100.0 100.0	0.8 ...	66.1 71.0	32.0 35.1	34.1 36.0
EUROPE (1)	1970 1960	2 600 140 2 624 000	...	557 741 471 440	315 511 252 222	242 230 219 218	100.0 100.0	...	21.4 18.0	12.1 9.6	9.3 8.4
YUGOSLAVIA	1969 1960	2 600 140 2 624 000	...	557 741 471 440	315 511 252 222	242 230 219 218	100.0 100.0	...	21.4 18.0	12.1 9.6	9.3 8.4

TABLE 15.7 - Percent distribution of holdings by tenure, 1970, 1960, 1950

Countries by continents (number of reporting countries is given in parenthesis)	Total number of holdings with land			Holdings operated by owners			Holdings operated by tenants			Holdings operated under other single forms of tenure			Holdings operated under mixed tenure		
	1970	1960	1950	1970	1960	1950	1970	1960	1950	1970	1960	1950	1970	1960	1950
	Percent														
TOTAL (30)	100.0	100.0	100.0	81.8	67.0	57.9	7.1	10.5	21.5	1.2	1.3	2.9	9.9	21.2	17.7
NORTH AND CENTRAL AMERICA (7)	100.0	100.0	100.0	61.7	58.8	59.2	11.4	19.1	24.3	3.8	2.7	1.5	23.1	19.4	15.0
CANADA	100.0	100.0	100.0	68.6	72.9	77.3	5.2	5.7	7.2	...	0.5	1.2	26.2	20.9	14.3
COSTA RICA	100.0	100.0	100.0	84.5	76.3	81.1	5.0	4.0	4.1	...	3.8	3.4	10.3	15.9	11.4
DOMINICAN REPUBLIC	100.0	1/100.0	...	54.7	1/58.8	...	10.1	1/28.9	...	20.6	1/12.3	...	14.6	...	...
PANAMA	100.0	100.0	100.0	12.3	24.6	14.1	4.4	6.0	9.3	71.6	50.4	67.3	11.7	19.0	9.3
PUERTO RICO	100.0	100.0	100.0	85.5	90.0	93.8	7.3	3.7	5.4	...	1.2	...	7.2	5.1	0.8
UNITED STATES	100.0	100.0	100.0	62.5	57.1	57.4	12.9	20.5	26.9	...	0.5	0.4	24.6	21.9	15.3
VIRGIN ISLANDS (U.S.)	100.0	100.0	100.0	88.2	77.1	71.5	8.0	13.8	19.3	...	3.8	4.8	3.8	5.4	4.4
SOUTH AMERICA (6)	100.0	100.0	100.0	61.9	65.9	78.1	17.3	18.4	10.1	15.2	11.0	9.9	5.7	4.7	1.9
BRAZIL	100.0	100.0	100.0	60.4	69.7	79.3	20.4	17.3	9.1	16.5	10.7	10.1	2.7	2.3	1.5
COLOMBIA	100.0	100.0	...	68.7	62.4	...	14.2	23.3	...	10.1	6.0	...	7.1	8.2	...
PERU	2/100.0	100.0	...	62.2	68.1	...	8.7	15.7	...	11.2	8.8	...	18.0	7.4	...
SURINAME	100.0	100.0	...	20.2	18.2	...	49.5	52.2	...	17.4	10.6	...	12.9	18.9	...
URUGUAY	100.0	100.0	100.0	58.6	49.9	50.3	23.9	33.3	34.7	5.5	7.9	3.7	13.0	8.9	11.4
VENEZUELA	100.0	100.0	...	60.9	39.8	...	5.6	13.1	...	30.3	39.3	...	3.2	7.8	...
ASIA (5)	100.0	100.0	100.0	85.8	68.1	52.6	5.9	9.1	37.3	...	0.3	0.1	8.3	22.5	10.0
INDIA	3/100.0	100.0	...	92.0	72.7	...	4.1	5.5	...	...	...	...	3.9	21.8	...
INDONESIA	100.0	100.0	...	74.8	64.1	...	3.2	6.8	...	...	...	...	22.1	29.1	...
KOREA, Republic of	100.0	100.0	...	66.5	73.6	...	9.5	...	...	...	6.8	...	24.0	19.6	...
PAKISTAN	100.0	100.0	...	41.7	41.1	...	34.5	41.7	...	...	...	...	23.8	17.2	...
PHILIPPINES	100.0	100.0	100.0	58.0	44.7	52.6	28.9	39.9	37.3	1.7	1.1	0.1	11.4	14.3	10.0
EUROPE (10)	100.0	100.0	100.0	67.7	64.1	44.2	9.0	11.5	15.4	...	1.9	2.5	23.3	22.5	37.9
BELGIUM	100.0	100.0	100.0	28.0	26.8	18.9	23.9	24.8	29.2	...	...	...	48.1	48.4	51.9
FRANCE	100.0	100.0	...	41.5	45.0	...	14.7	20.7	...	...	0.6	...	43.9	33.8	...
GERMANY, Fed Rep of	4/100.0	100.0	100.0	39.9	42.6	42.0	6.8	5.0	5.7	...	5.9	3.8	53.3	46.5	48.5
ITALY	100.0	100.0	...	81.8	73.9	...	6.7	8.7	...	...	2.9	...	11.5	14.6	...
MALTA	100.0	100.0	...	9.5	7.7	...	73.9	72.2	...	...	...	...	16.6	20.1	...
NETHERLANDS	100.0	100.0	...	38.1	37.1	...	22.5	30.4	...	...	...	...	39.4	32.5	...
NORWAY	100.0	100.0	...	78.8	86.8	...	6.1	6.8	...	...	...	...	15.1	6.4	...
POLAND	100.0	100.0	...	79.1	77.7	...	5.9	7.5	...	...	0.3	...	15.0	14.6	...
SWEDEN	100.0	2/100.0	6/100.0	59.9	6/82.4	...	12.0	13.2	6/17.6	...	...	...	28.1	17.9	...
UNITED KINGDOM	100.0	100.0	100.0	51.6	53.9	44.9	27.5	34.3	44.5	...	...	...	20.9	11.7	10.6
OCEANIA (2)	100.0	100.0	100.0	82.4	71.2	57.8	10.3	9.3	42.2	5.2	8.5	...	2.1	11.0	...
AMERICAN SAMOA	100.0	100.0	100.0	82.9	80.1	57.9	13.9	14.8	42.2	14.0	...	...	3.2	5.1	...
GUAM	100.0	100.0	...	81.5	61.8	...	4.2	3.5	...	...	17.5	...	0.4	17.2	...

For footnotes see table 15.6

TABLE 15.8 - Number of holdings owned by the holder or held in ownerlike possession, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Number of holdings owned	Under 1 ha	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
TOTAL (16)	1970 1960	15 552 968 15 967 240	3 703 335 4 420 890	2 510 362 2 512 289	3 630 460 3 506 660	2 309 190 2 353 553	1 505 526 1 531 442	1 083 591 948 450	371 735 321 294	214 675 173 478	138 074 121 711	47 524 42 483	38 496 35 010
NORTH AND CENTRAL AMERICA (1)	1970 1960	12 906 23 499	2 256 1 215	1 592 2 807	4 604 4 701	1 673 4 349	1 739 4 185	2 115 3 838	1 021 1 439	461 551	297 276	83 74	65 64
PANAMA	1971 1960	12 906 23 499	2 256 1 215	1 592 2 807	4 604 4 701	1 673 4 349	1 739 4 185	2 115 3 838	1 021 1 439	461 551	297 276	83 74	65 64
SOUTH AMERICA (4)	1970 1960	3 959 990 3 208 920	307 370 253 309	285 733 228 772	616 224 497 605	568 302 439 964	678 037 528 371	762 302 640 168	325 474 272 656	192 299 158 152	137 777 115 448	47 441 40 849	38 431 33 626
BRASIL	1970 1960	1/2 974 842 2/2 325 016	107 408 57 033	153 378 108 964	410 777 313 220	428 653 309 856	568 556 432 030	668 046 563 686	280 631 238 106	166 205 137 642	118 967 101 101	40 366 35 404	31 855 27 974
COLOMBIA	1970/71 1960	808 779 755 318	191 674 187 877	114 888 106 154	163 578 152 108	109 155 108 442	81 573 77 819	72 910 61 999	35 365 28 542	20 308 16 445	12 836 10 456	3 969 3 349	2 523 2 127
SURINAME	1969	3 245	576	721	1 130	465	207	94	11	10	12	10	9
VENEZUELA	1959	2 959	315	588	1 055	517	271	119	35	13	23	18	5
1971	173 124	7 712	16 746	40 739	30 629	27 701	27 701	21 252	9 467	5 776	5 962	3 096	4 044
1961	125 627	8 084	13 066	31 222	21 149	18 251	14 364	14 364	5 973	4 052	3 868	2 078	3 520
ASTIA (3)	1970 1960	4 530 014 4 680 281	1 611 866 2 190 411	1 052 714 977 192	1 187 806 887 363	418 460 399 852	176 770 210 998	78 777 11 650	3 621 1 584	720	511	1 560	1 330
KOREA, Republic of	1970	1 596 406	1 074 997	407 769	113 640	...	...	...	...	...	...	...	...
1960	3/1 714 820	1 215 250	408 946	90 624	...	...	...	...	...	...	...	...	...
PAKISTAN	1970	1 568 618	363 748	286 504	499 168	247 782	110 980	60 436	...	...	...	...	...
1960	1 997 736	875 142	327 468	434 073	219 607	141 446	141 446	...	...	...	...	...	...
PHILIPPINES	1971	1 364 990	173 121	358 441	574 998	170 678	65 790	18 341	3 621	720	511	...	...
1959/60	967 725	100 019	240 778	362 666	180 245	69 552	69 552	11 650	1 584	...	...	...	...
EUROPE (8)	1970 1960	7 050 057 8 054 540	1 781 842 1 975 955	1 170 323 1 303 498	1 824 826 2 116 991	1 320 155 1 509 388	648 980 787 888	240 397 292 794	41 619 45 615	21 915 14 055	5 476	1 560	1 330
BELGIUM	1970 1959	50 277 71 819	31 782 42 621	6 532 8 261	6 393 12 211	3 297 5 348	1 731 2 659	453 600	68 81	21 12	...	...	...
FRANCE	1971 1963	658 704 855 220	135 168 64 859	63 788 106 580	123 955 207 851	113 355 176 860	111 457 174 100	73 035 102 610	13 575 17 150	4 371 4 130	1 080	...	...
GERMANY, Fed Rep of	1971 1960	424 835 727 559	42 414 186 118	91 556 134 775	107 586 136 082	68 077 97 017	62 256 102 989	46 400 62 892	5 669 6 672	877 1 014	...	...	...
ITALY	1970 1961	2 938 533 3 160 270	1 028 988 1 155 621	574 283 590 853	709 300 728 859	349 054 373 183	169 500 201 671	72 991 77 288	18 649 17 781	15 768 7 738	4 396	1 560	1 330
NETHERLANDS	1970 1959	68 931 107 928	11 786 34 119	9 013 12 896	12 880 22 629	14 366 18 341	14 493 14 386	5 814 5 070	489 400	90 87	...	...	...
NORWAY	1968/69 1959	122 147 172 152	10 827 17 546	19 000 37 004	46 478 66 935	30 962 35 513	11 227 11 481	3 370 3 381	283 263	29	...	...	...
POLAND	1970 1960	2 689 592 2 799 121	517 469 475 071	378 313 413 109	792 346 886 681	713 791 748 510	259 916 247 981	26 950 26 535	807 1 234	...	...	...	...
SWEDEN	1971 1961	97 038 160 471	3 408 ...	7 838 ...	25 888 55 737	27 253 54 616	18 400 32 621	11 384 14 418	2 079 2 034	786 1 045	...	...	...

1/ Excludes 530 holdings not classified by size. 2/ Excludes 2 983 holdings not classified by size. 3/ Data refer to farm households only.

TABLE 15.9 - Percent distribution of number of holdings owned or held in owner-like possession, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings owned	Under 1 ha	1 and 2 ha	2 and 5 ha	5 and 10 ha	10 and under		20 and 50 ha	50 and 100 ha	100 and under		200 and 500 ha	500 and 1 000 ha	1 000 ha and over
							20 ha	50 ha			200 ha	500 ha			
Percent															
TOTAL (16)	1970	100.0	23.8	16.1	23.3	14.8	9.7	7.0	2.4	1.4	0.9	0.3	0.2		
	1960	100.0	27.7	15.7	22.0	14.7	9.6	5.9	2.0	1.1	0.8	0.3	0.2		
NORTH AND CENTRAL AMERICA (1)	1970	100.0	17.5	12.3	12.4	13.0	13.5	16.4	7.9	3.6	2.3	0.6	0.5		
	1960	100.0	5.2	11.9	20.0	18.5	17.8	16.3	6.1	2.3	1.2	0.3	0.3		
PANAMA	1971	100.0	17.5	12.3	12.4	13.0	13.5	16.4	7.9	3.6	2.3	0.6	0.5		
	1960	100.0	5.2	11.9	20.0	18.5	17.8	16.3	6.1	2.3	1.2	0.3	0.3		
SOUTH AMERICA (4)	1970	100.0	7.8	7.2	15.6	14.4	17.1	19.2	8.2	4.9	3.5	1.2	1.0		
	1960	100.0	7.9	7.1	15.5	13.7	16.5	19.9	8.5	4.9	3.6	1.3	1.0		
BRAZIL	1970	1/100.0	3.6	5.2	13.8	14.4	19.1	22.5	9.4	5.6	4.0	1.4	1.1		
	1960	2/100.0	2.5	4.7	13.5	13.3	18.6	24.2	10.2	5.9	4.3	1.5	1.2		
COLOMBIA	1970/71	100.0	23.7	14.2	20.2	13.5	10.0	9.0	4.4	2.5	1.6	0.5	0.3		
	1960	100.0	24.9	14.0	20.1	14.4	10.3	8.2	3.8	2.2	1.4	0.4	0.3		
SURINAME	1969	100.0	17.8	22.2	34.8	14.3	6.4	2.9	0.3	0.3	0.4	0.3	0.3		
	1959	100.0	10.6	19.9	35.7	17.5	9.2	4.0	1.2	0.4	0.8	0.6	0.1		
VENEZUELA	1971	100.0	4.5	9.7	23.5	17.7	16.0	12.3	5.5	3.3	3.4	1.8	2.3		
	1961	100.0	6.4	10.4	24.9	16.8	14.5	11.4	4.8	3.2	3.0	1.7	2.8		
ASIA (3)	1970	100.0	35.6	23.2	26.2	9.2	3.9	1.7	0.1	...	...	...	...
	1960	100.0	45.8	20.9	19.0	8.5	4.5	0.2	...	...	...	...	...
KOREA, Republic of	1970	100.0	67.3	25.5	7.1	...	...	...	...	...	...	...	...
	1960	3/100.0	70.9	23.8	5.3	...	...	...	...	...	...	...	...
PAKISTAN	1970	100.0	23.2	18.3	31.8	15.8	7.1	3.6	...	...	...	...	...
	1960	100.0	43.8	16.4	21.7	11.0	7.1	...	...	...	...	...	...
PHILIPPINES	1971	100.0	12.7	25.3	42.1	12.5	4.8	1.3	0.3	...	...	...	...
	1959/60	100.0	16.3	24.9	37.5	18.6	7.2	1.2	0.2	0.1	0.1	...	...
EUROPE (8)	1970	100.0	25.3	16.6	25.9	18.7	9.2	3.4	0.6	0.3	...	...	...
	1960	100.0	24.5	16.2	26.3	18.7	9.8	3.6	0.6	0.2	...	...	...
BELGIUM	1970	100.0	63.2	13.0	12.7	6.6	3.4	0.9	0.1	...	...	...	...
	1959	100.0	59.3	11.5	17.0	7.4	3.7	0.8	0.1	...	...	...	...
FRANCE	1971	100.0	20.5	12.7	18.8	17.2	16.9	11.0	2.0	0.7	...	...	...
	1963	100.0	7.6	12.4	24.3	20.7	20.4	12.0	2.0	0.5	...	...	...
GERMANY, Fed Rep of	1971	100.0	21.6	21.6	25.3	16.0	14.7	10.9	1.3	0.2	...	...	...
	1960	100.0	25.6	18.5	18.7	13.3	14.2	8.6	0.9	0.1	...	...	...
ITALY	1970	100.0	35.0	19.6	24.1	11.9	5.8	2.5	0.6	0.5	...	...	...
	1961	100.0	35.6	18.7	23.1	11.6	6.4	2.4	0.6	0.2	...	...	...
NETHERLANDS	1970	100.0	17.1	13.1	18.7	20.8	21.0	8.4	0.7	0.1	...	...	...
	1959	100.0	31.6	11.9	21.0	17.0	13.3	4.7	0.4	0.1	...	...	...
NORWAY	1968/69	100.0	8.9	15.6	38.0	25.3	9.2	2.8	0.2	...	...	...	...
	1959	100.0	10.2	21.5	38.9	20.6	6.7	2.0	0.2	...	...	...	...
POLAND	1970	100.0	19.2	14.0	29.5	26.5	9.7	1.0	...	...	...	...	...
	1960	100.0	17.0	14.8	31.7	26.7	8.9	0.9	...	...	...	...	...
SWEDEN	1971	100.0	3.5	8.1	26.7	28.1	19.0	11.7	2.1	0.8	...	...	...
	1961	100.0	...	...	34.7	34.0	26.3	9.0	1.3	0.7	...	...	...

For footnotes see table 15.8

TABLE 15.10 - Number of holdings rented from others, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Number of holdings rented from others	Under 1 ha	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
TOTAL (15)	1970 1960	4 040 895 5 123 044	661 613 1 191 612	683 459 1 064 960	1 426 368 1 477 292	636 657 709 302	327 685 434 303	214 435 219 811	55 443 55 289	31 947 18 554	11 509 8 056	2 372 2 314	4 087 4 951
NORTH AND CENTRAL AMERICA (1)	1970 1960	4 671 5 706	1 093 551	1 717 1 765	1 062 2 043	271 687	204 370	195 202	58 52	30 20	25 10	11 3	5 3
PANAMA	1971 1960	4 671 5 706	1 093 551	1 717 1 765	1 062 2 043	271 687	204 370	195 202	58 52	30 20	25 10	11 3	5 3
SOUTH AMERICA (4)	1970 1960	1 196 996 907 444	212 264 140 206	218 543 174 745	325 851 286 776	191 961 140 559	115 911 80 138	66 747 48 613	24 611 15 948	23 681 9 590	11 484 6 654	2 361 2 274	4 082 1 941
BRAZIL	1970 1960	1 066 505 575 430	167 134 46 448	180 587 105 752	274 964 197 681	168 151 99 782	101 004 58 922	56 381 37 116	20 594 12 382	21 293 7 860	10 409 5 688	2 053 2 018	3 835 1 781
COLOMBIA	1970/71 1960	166 539 282 347	42 761 88 625	33 424 59 000	43 055 70 495	20 881 32 682	13 076 17 305	8 601 9 160	3 101 2 831	1 882 1 313	699 686	183 162	76 86
SURINAME	1969 1959	7 954 8 478	1 946 2 003	2 360 2 981	2 922 2 992	582 415	82 67	59 17	- -	- -	- -	- -	- -
VENEZUELA	1971 1951	15 993 41 189	1 033 3 130	2 272 7 012	4 910 15 608	2 347 7 680	1 749 3 844	1 706 2 320	916 734	506 417	373 277	125 93	71 74
ASIA (2)	1970 1960	1 978 126 2 892 528	231 382 711 622	356 864 648 284	939 889 971 691	342 677 397 938	89 264 161 154	20 528 1 454	524 240	- 94	- 51	- -	- -
PAKISTAN	1972/73 1959/60	1 295 468 2 027 990	126 011 591 944	157 902 333 119	620 561 612 920	295 665 340 334	78 798 149 673	17 611 -	- -	- -	- -	- -	- -
PHILIPPINES	1971 1960	681 658 864 538	105 371 119 678	199 062 315 165	319 328 358 771	43 990 57 604	10 466 11 481	2 917 1 454	524 240	- 94	- 51	- -	- -
EUROPE (8)	1970 1960	857 792 1 317 366	216 874 338 833	111 245 180 166	139 566 216 782	101 750 170 118	122 306 192 641	126 965 169 542	30 250 39 049	8 836 8 850	- 1 341	37	7
BELGIUM	1970 1959	42 819 66 591	9 737 15 653	3 638 8 928	6 769 13 172	8 082 13 366	8 734 9 871	4 911 4 370	813 988	135 153	- -	- -	- -
FRANCE	1971 1963	232 559 392 230	12 007 11 660	10 289 18 901	22 293 37 149	31 246 63 280	57 330 110 100	75 019 115 960	19 500 28 410	4 875 5 770	- 920	- -	- -
GERMANY, Fed Rep of	1971 1960	71 997 85 844	3 669 9 219	9 055 15 432	13 765 14 763	11 312 14 256	14 922 17 012	15 949 12 592	2 635 2 040	690 530	- -	- -	- -
ITALY	1970 1961	241 934 371 396	83 960 139 985	44 418 73 374	46 107 76 466	25 663 34 594	19 684 23 739	13 821 16 024	4 074 4 674	2 200 1 675	- 421	37	7
NETHERLANDS	1970 1959	40 833 88 407	4 418 20 648	2 881 9 017	5 418 15 823	6 576 15 138	11 171 16 006	9 788 10 985	775 767	45 23	- -	- -	- -
NORWAY	1968/69 1959	9 412 13 480	- 1 444	2 002 2 602	3 045 4 255	2 316 2 675	1 348 1 646	814 309	46 37	- -	- -	- -	- -
POLAND	1970 1960	198 830 268 781	103 316 140 224	36 541 51 832	38 349 50 531	13 536 19 497	4 779 5 118	309 540	- -	- -	- -	- -	- -
SWEDEN	1971 1961	19 418 30 727	- -	421 -	1 885 4 623	3 682 6 912	4 338 8 149	6 913 8 257	2 407 2 094	891 592	- -	- -	- -

Area: in thousand hectares TABLE 15.12 - Area in holdings by tenure, 1970, 1960, 1950

Countries by continents (number of reporting countries is given in parenthesis)	Total area of holdings			Area owned by holder			Area rented by holder			Area other than owned and rented		
	1970	1960	1950	1970	1960	1950	1970	1960	1950	1970	1960	1950
	TOTAL (30)	1 057 226	1 029 387	829 851	756 914	642 636	553 932	265 850	256 373	228 652	34 462	130 378	47 267
<u>NORTH AND CENTRAL AMERICA (7)</u>	508 919	533 441	475 227	326 492	307 950	264 633	180 543	179 760	166 458	1 884	45 731	44 136
CANADA	68 664	69 828	...	49 360	51 846	...	19 304	17 982	...	...	...	...
COSTA RICA	3 123	2 668	1 811	3 014	2 516	1 737	90	58	32	19	94	42
DOMINICAN REPUBLIC	2 736	2 258	1 513	1 934	1 513	...	132	427	...	1/670	2/318	...
EL SALVADOR	1 452	1 559	1 530	1 200	1 271	1 410	164	288	88	...	...	32
PANAMA	2 098	1 806	1 158	863	1 043	539	128	90	112	1 107	673	507
PUERTO RICO	525	661	725	417	452	504	108	80	86	...	129	135
UNITED STATES	430 321	454 661	470 003	269 704	249 309	260 443	160 617	160 835	166 140	...	44 517	43 420
<u>SOUTH AMERICA (5)</u>	368 221	320 298	271 311	307 916	213 456	233 942	28 624	28 182	34 706	31 681	78 660	2 663
BRASIL	294 146	249 862	232 211	250 515	161 103	206 338	20 829	18 110	25 873	22 802	70 649	...
COLOMBIA	30 993	27 338	...	24 195	20 525	...	2 026	2 441	...	4 772	4 372	...
SURINAME	94	106	...	54	69	...	29	30	...	11	7	...
URUGUAY	16 518	16 988	16 974	10 993	9 794	9 205	5 084	6 876	7 607	441	318	162
VENEZUELA	26 470	26 004	22 126	22 159	21 965	18 399	656	725	1 226	3 655	3 314	2 501
<u>ASIA (4)</u>	31 240	34 982	12 641	19 017	22 608	9 724	11 831	11 448	2 704	392	926	413
IRAQ	3/5 737	8 039	6 385	3 009	5 832	4 206	2 347	1 281	1 926	381	926	253
ISRAEL	540	...	262	506	...	49	23	...	118	11	...	95
JAPAN 4/	5 109	7 142	5/6 194	4 823	6 676	5 469	286	466	660	...	...	65
PAKISTAN	6/19 854	19 801	...	10 679	10 100	...	9 175	9 701	...	...	...	...
<u>EUROPE (12)</u>	129 812	122 847	53 007	94 264	89 579	37 061	35 406	28 207	15 891	142	5 061	55
AUSTRIA	7/6 681	...	7 717	6 315	...	7 357	366	...	360	...	...	...
BELGIUM 8/	1 540	1 661	1 727	440	537	556	1 100	1 124	1 171	...	...	...
FRANCE 8/	31 727	32 190	...	16 438	16 132	...	15 289	15 607	...	...	451	...
GERMANY, Fed Rep of	8/12 616	9/21 369	9/22 173	8 964	18 164	19 417	3 616	3 131	2 701	36	74	55
ITALY	25 064	26 573	...	21 200	21 560	...	3 864	3 963	...	...	1 050	...
LUXEMBOURG	135	...	142	82	...	104	53	...	38	...	...	...
MALTA	16	18	21	2	...	2	14	16	19	...	...	...
NETHERLANDS 8/	2 142	2 310	...	1 112	1 099	...	1 030	1 211	...	...	...	...
POLAND	16 419	22 932	...	15 081	17 866	...	1 232	1 656	...	106	3 410	...
SWEDEN 10/	3 017	3 341	3 527	1 916	2 381	2 614	1 101	960	913	...	...	...
UNITED KINGDOM	17 992	...	11/17 700	10 524	...	7 011	7 468	...	10 689	...	...	...
YUGOSLAVIA	12 463	12 453	...	12 190	11 838	...	273	539	...	...	76	...
<u>OCEANIA (2)</u>	19 034	17 819	17 465	9 225	9 043	8 572	9 446	8 776	8 893	363	...	...
AMERICAN SAMOA	4	5	...	3	4	...	1	1	...	...	...	...
NEW ZEALAND	19 030	17 814	17 465	9 222	9 039	8 572	9 445	8 775	8 893	363	...	...

1/ Includes 400 862 ha of area in holdings operated under more than one tenure form. 2/ Includes 188 564 ha, under sugarcane, for which tenure is not known.
 3/ Discrepancies among the area of holdings reporting tenure, the area of holdings reporting utilisation of land and the total area of holdings are probably due to the rounding errors at holding level. 4/ Data refer to farm households only and exclude uncultivated areas. 5/ Data refer to agricultural area including wood and forest land grazed. 6/ Excludes area of 59 089 ha in Government holdings. 7/ Excludes shares of area from rights on common property. 8/ Agricultural area.
 9/ Agricultural and forestry holdings combined. 10/ Arable area of holdings with 2 ha or more of arable area. 11/ Excluding Northern Ireland; data refer to agricultural area.

TABLE 15.13--Percent distribution of area in holdings by tenure, 1970 1950, 1950

Countries by continents (number of reporting countries is given in parenthesis)	Total area of holdings					Area owned by holder					Area rented by holder					Area other than owned and rented				
	1970	1960	1950	1970	1960	1970	1960	1950	Percent	1970	1960	1950	1970	1960	1950	1970	1960	1950		
TOTAL (30)	100.0	100.0	100.0	71.6	62.4	66.7	25.1	24.9	27.6	3.3	12.7	5.7	100.0	100.0	100.0	71.6	62.4	66.7		
NORTH AND CENTRAL AMERICA (7)	100.0	100.0	100.0	64.1	57.7	55.7	35.5	33.7	35.0	0.4	8.6	9.3	100.0	100.0	100.0	64.1	57.7	55.7		
CANADA	100.0	100.0	100.0	71.9	74.2	...	28.1	25.8	...	...	...	...	100.0	100.0	100.0	71.9	74.2	...
COSTA RICA	100.0	100.0	100.0	94.3	94.3	95.9	2.9	2.2	1.8	0.6	2.3	2.3	100.0	100.0	100.0	94.3	94.3	95.9		
DOMINICAN REPUBLIC	100.0	100.0	100.0	70.7	67.0	...	4.8	18.9	...	1/24.5	2/14.1	2.1	100.0	100.0	100.0	70.7	67.0	...		
EL SALVADOR	100.0	100.0	100.0	82.6	81.5	92.2	11.3	18.5	5.7	6.1	...	2.1	100.0	100.0	100.0	82.6	81.5	92.2		
PAKAMA	100.0	100.0	100.0	41.1	57.8	46.6	6.1	5.0	9.7	52.8	37.3	43.8	100.0	100.0	100.0	41.1	57.8	46.6		
PUERTO RICO	100.0	100.0	100.0	79.4	68.4	69.5	20.6	12.1	11.9	...	19.5	18.6	100.0	100.0	100.0	79.4	68.4	69.5		
UNITED STATES	100.0	100.0	100.0	62.7	54.8	55.4	37.3	35.4	35.4	...	9.8	9.2	100.0	100.0	100.0	62.7	54.8	55.4		
SOUTH AMERICA (5)	100.0	100.0	100.0	83.6	66.6	86.2	7.8	8.8	12.8	8.6	24.6	1.0	100.0	100.0	100.0	83.6	66.6	86.2		
BRAZIL	100.0	100.0	100.0	85.2	64.5	88.9	7.1	7.3	11.1	7.8	28.3	...	100.0	100.0	100.0	85.2	64.5	88.9		
COLOMBIA	100.0	100.0	100.0	78.1	75.1	...	6.5	8.9	...	15.4	16.0	...	100.0	100.0	100.0	78.1	75.1	...		
SURINAME	100.0	100.0	100.0	57.5	65.1	...	30.9	28.3	...	11.7	6.6	...	100.0	100.0	100.0	57.5	65.1	...		
URUGUAY	100.0	100.0	100.0	66.6	57.7	54.2	30.8	40.5	44.8	2.6	1.9	1.0	100.0	100.0	100.0	66.6	57.7	54.2		
VENEZUELA	100.0	100.0	100.0	83.7	84.5	83.2	2.5	2.8	5.5	13.8	12.7	11.3	100.0	100.0	100.0	83.7	84.5	83.2		
ASIA (4)	100.0	100.0	100.0	60.9	64.6	75.7	37.9	32.7	21.1	1.3	2.6	3.2	100.0	100.0	100.0	60.9	64.6	75.7		
IRAQ	3/100.0	100.0	100.0	52.5	72.6	65.9	40.9	15.9	30.2	6.6	11.5	4.0	100.0	100.0	100.0	52.5	72.6	65.9		
ISRAEL	100.0	100.0	100.0	93.7	...	18.7	4.3	...	45.0	2.0	36.3	...	100.0	100.0	100.0	93.7	...	18.7		
JAPAN 4/	100.0	100.0	100.0	94.7	93.5	5/88.3	5.6	6.5	5/10.7	...	...	...	100.0	100.0	100.0	94.7	93.5	5/88.3
PAKISTAN	6/100.0	100.0	100.0	5/53.8	50.0	...	6/46.2	50.0	...	...	...	...	100.0	100.0	100.0	5/53.8	50.0	...
EUROPE (12)	100.0	100.0	100.0	72.6	72.9	69.9	27.3	23.0	30.0	0.1	4.1	0.1	100.0	100.0	100.0	72.6	72.9	69.9		
AUSTRIA	1/100.0	100.0	100.0	1/94.5	...	95.4	7/5.5	...	4.7	...	...	...	100.0	100.0	100.0	1/94.5	...	95.4
BELGIUM 8/	100.0	100.0	100.0	28.6	32.3	32.2	71.4	67.7	67.8	...	...	...	100.0	100.0	100.0	28.6	32.3	32.2
FRANCE 8/	100.0	100.0	100.0	51.8	50.1	...	48.2	48.5	...	...	...	...	100.0	100.0	100.0	51.8	50.1	...
GERMANY, Fed Rep of	8/100.0	100.0	100.0	8/71.1	2/85.0	2/87.6	8/28.7	2/14.7	2/12.2	8/0.3	9/0.4	9/0.3	100.0	100.0	100.0	8/71.1	2/85.0	2/87.6		
ITALY	100.0	100.0	100.0	84.6	81.1	...	15.4	14.9	...	...	...	...	100.0	100.0	100.0	84.6	81.1	...
LUXEMBOURG	100.0	100.0	100.0	60.7	...	73.2	39.3	...	26.8	...	...	...	100.0	100.0	100.0	60.7	...	73.2
MALTA	100.0	100.0	100.0	12.5	11.1	9.5	87.5	88.9	90.5	...	...	...	100.0	100.0	100.0	12.5	11.1	9.5
NETHERLANDS 8/	100.0	100.0	100.0	51.9	47.6	...	48.1	52.4	...	...	...	...	100.0	100.0	100.0	51.9	47.6	...
POLAND	100.0	100.0	100.0	10/91.9	77.9	...	7.5	7.2	...	0.7	14.9	...	100.0	100.0	100.0	10/91.9	77.9	...		
SWEDEN 10/	100.0	100.0	100.0	63.5	71.3	74.1	36.5	28.7	25.9	...	...	...	100.0	100.0	100.0	63.5	71.3	74.1
UNITED KINGDOM	100.0	100.0	100.0	58.5	...	39.6	41.5	4.3	60.4	...	...	...	100.0	100.0	100.0	58.5	...	39.6
YUGOSLAVIA	100.0	100.0	100.0	97.8	95.1	...	2.2	4.3	...	...	0.6	...	100.0	100.0	100.0	97.8	95.1	...
OCEANIA (2)	100.0	100.0	100.0	48.5	50.8	49.1	49.6	49.3	50.9	1.9	...	...	100.0	100.0	100.0	48.5	50.8	49.1
AMERICAN SAMOA	100.0	100.0	100.0	75.0	80.0	...	25.0	20.0	...	...	...	...	100.0	100.0	100.0	75.0	80.0	...
NEW ZEALAND	100.0	100.0	100.0	48.5	50.7	49.1	49.6	49.3	50.9	1.9	...	...	100.0	100.0	100.0	48.5	50.7	49.1

For footnotes see table 15.12

TABLE 15.14 - Area owned by the holder or held in ownerlike possession, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census Year	Total area owned	Thousands of hectares										1 000 ha and over
			Under 1 ha	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	
TOTAL (13)	1970 1960	129 794 134 292	1 404 1 806	3 059 3 404	12 277 13 043	17 481 19 052	16 063 20 378	13 714 12 378	7 886 6 309	12 389 10 653	7 079 7 209	6 544 6 525	31 898 33 535
NORTH AND CENTRAL AMERICA (1)	1970 1960	863 1 043	1 1	2 4	6 18	14 39	33 78	103 171	124 154	119 122	144 132	94 70	223 254
PANAMA	1970 1960	863 1 043	1 1	2 4	6 18	14 39	33 78	103 171	124 154	119 122	144 132	94 70	223 254
SOUTH AMERICA (3)	1970 1960	57 347 52 284	95 88	187 186	680 655	1 072 1 035	1 669 1 509	3 229 2 699	3 446 2 747	4 113 3 333	6 843 5 442	6 309 5 116	29 704 29 474
COLOMBIA	1970/71 1960	24 195 20 525	91 84	163 165	540 532	813 818	1 204 1 154	2 358 1 996	2 494 2 009	2 850 2 304	3 866 3 183	2 701 2 287	7 115 5 993
URUGUAY	1970 1961	10 993 9 794	••• •••	4 4	18 17	56 54	110 105	248 251	326 331	513 478	1 193 1 051	1 542 1 339	6 983 6 164
VENEZUELA	1971 1961	22 159 21 965	4 4	20 17	122 106	203 163	355 250	623 452	626 407	750 551	1 784 1 208	2 066 1 490	15 606 17 317
ASIA (1)	1970 1960	10 679 10 100	190 382	464 591	2 140 1 936	2 389 2 154	2 033 5 037	1 853 •••	1 610 -	••• -	- -	- -	- -
PAKISTAN	1972/73 1960/62	10 679 10 100	190 382	464 591	2 140 1 936	2 389 2 154	2 033 5 037	1 853 •••	1 610 -	••• -	- -	- -	- -
EUROPE (8)	1970 1960	60 905 70 864	1 118 1 335	2 406 2 622	9 451 10 434	14 006 15 824	12 328 13 754	8 529 9 508	2 706 3 408	8 157 7 198	92 1 635	141 1 339	1 971 3 807
BELGIUM	1970 1959	440 537	16 20	12 26	43 80	85 137	136 160	111 86	26 20	11 8	••• •••	- -	- -
GERMANY, Fed Rep of	1971 1960	1/8 964 2/18 164	25 298	161 276	583 858	1 151 1 876	2 614 3 397	3 312 4 182	778 1 647	330 5 530	••• •••	- -	- -
ITALY	1970 1961	21 200 21 560	556 594	920 982	2 597 2 804	2 870 3 138	2 752 3 175	2 541 2 557	1 488 1 374	7 476 1 203	••• 1 471	1 153	3 109
MALTA	1969 1960	2 2	0.5 0.4	0.4 0.5	0.7 0.6	0.2 0.6	••• •••	- -	- -	- -	- -	- -	- -
NETHERLANDS 1/	1970 1959	1 112 1 099	7 17	14 26	60 98	182 248	407 374	336 261	63 46	43 29	••• •••	- -	- -
POLAND 2/	1970 1960	15 081 15 283	252 235	601 649	2 985 3 298	5 907 6 135	4 429 4 075	851 807	56 84	••• •••	- -	- -	- -
SWEDEN 4/	1971 1961	1 916 2 381	••• 1	103 42	224 224	246 482	397 604	627 578	380 194	263 256	••• •••	- -	- -
YUGOSLAVIA	1969 1960	12 190 11 838	261 170	698 621	3 079 3 071	3 555 3 807	1 593 1 969	751 1 037	15 43	34 72	92 164	141 186	1 971 690

1/ Agricultural area. 2/ Agricultural and forestry holdings combined. 3/ Individual holdings. 4/ Arable area of holdings with 2 ha or more of arable land.

TABLE 15.15 - Percent distribution of area owned by the holder or held in ownerlike possession, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area owned	Under 1 ha	1 and under 2 ha	2 and under 5 ha	5 and under 10 ha	Percent							
							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	
TOTAL (13)	1970	100.0	1.1	2.3	9.4	13.5	12.4	10.6	6.1	9.5	5.5	5.0	24.6	
	1960	100.0	1.3	2.5	9.7	14.2	15.2	9.2	4.7	7.9	5.4	4.9	25.0	
NORTH AND CENTRAL AMERICA (1)	1970	100.0	0.1	0.2	0.7	1.6	3.8	11.9	14.4	13.8	16.7	10.9	25.9	
	1960	100.0	0.1	0.4	1.6	3.7	7.5	16.4	14.8	11.7	12.7	6.7	24.4	
PANAMA	1970	100.0	0.1	0.2	0.7	1.6	3.8	11.9	14.4	13.8	16.7	10.9	25.9	
	1960	100.0	0.1	0.4	1.6	3.7	7.5	16.4	14.8	11.7	12.7	6.7	24.4	
SOUTH AMERICA (3)	1970	100.0	0.2	0.3	1.2	1.9	2.9	5.6	6.0	7.2	11.9	11.0	51.8	
	1960	100.0	0.2	0.3	1.2	2.0	2.9	5.2	5.2	6.4	10.4	9.8	56.4	
COLOMBIA	1970/71	100.0	0.4	0.7	2.2	3.4	5.0	9.7	10.3	11.8	16.0	11.1	29.4	
	1960	100.0	0.4	0.8	2.6	4.0	5.6	9.7	9.8	11.2	15.5	11.2	29.2	
URUGUAY	1970	100.0	...	...	0.2	0.5	1.0	2.3	3.0	4.7	10.8	14.0	63.5
	1961	100.0	...	...	0.2	0.5	1.1	2.6	3.4	4.9	10.7	13.7	62.9
VENEZUELA	1971	100.0	...	0.1	0.6	0.9	1.6	2.8	2.8	3.4	8.1	9.3	70.4	
	1961	100.0	...	0.1	0.5	0.7	1.1	2.1	1.9	2.5	5.5	6.8	78.8	
ASIA (1)	1970	100.0	1.8	4.3	20.0	22.4	19.0	17.4	15.1	...	...	...	...
	1960	100.0	3.8	5.8	19.2	21.3	49.9	...	...	...	...	...	...
PAKISTAN	1972/73	100.0	1.8	4.3	20.0	22.4	19.0	17.4	15.1	...	...	...	...
	1960/62	100.0	3.8	5.8	19.2	21.3	49.9	...	...	...	...	...	...
EUROPE (8)	1970	100.0	1.8	4.0	15.5	23.0	20.2	14.0	4.4	13.4	0.2	0.2	3.2	
	1960	100.0	1.9	3.7	14.7	22.3	19.4	13.4	4.8	10.2	2.3	1.9	5.4	
BELGIUM	1970	100.0	3.7	2.7	9.8	19.3	30.9	25.2	5.9	2.5	...	...	...
	1959	100.0	3.7	4.9	14.9	25.5	29.8	16.0	3.7	1.5	...	...	...
GERMANY, Fed Rep of	1971	1/100.0	0.3	1.8	6.5	12.9	29.2	36.9	8.7	3.7	...	...	...
	1960	2/100.0	1.7	1.5	4.7	10.3	18.7	23.0	9.1	31.0	...	...	...
ITALY	1970	100.0	2.6	4.3	12.3	13.5	13.0	12.0	7.0	35.3	...	...	...
	1961	100.0	2.8	4.5	13.0	14.6	14.7	11.9	6.4	5.6	6.8	5.3	14.4	
MALTA	1969	100.0	27.8	22.2	38.9	11.1	...	...	...	...	...	...	...
	1960	100.0	19.0	23.8	28.6	28.6	...	...	...	...	...	...	...
NETHERLANDS 1/	1970	100.0	0.6	1.2	5.4	16.4	36.6	30.2	5.7	3.9	...	...	...
	1959	100.0	1.5	2.4	8.9	22.6	34.0	23.8	4.2	2.6	...	...	...
POLAND 3/	1970	100.0	1.7	4.0	19.8	39.2	29.3	5.6	0.4	...	...	...	...
	1960	100.0	1.5	4.2	21.6	40.1	26.7	5.3	0.6	...	...	...	...
SWEDEN 4/	1971	100.0	...	...	5.4	12.9	20.7	32.7	14.6	13.7	...	...	...
	1961	100.0	...	...	9.4	20.2	25.4	24.3	8.1	10.8	...	...	...
YUGOSLAVIA	1969	100.0	2.1	5.7	25.3	29.1	13.1	6.2	0.1	0.3	0.7	1.2	16.2	
	1960	100.0	1.4	5.2	25.9	32.2	16.6	8.8	0.4	0.6	1.4	1.6	5.9	

For footnotes see table 15.14

TABLE 15.16 - Area rented from others, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area rented from others	Under 1 ha	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
. Thousands of hectares													
<u>TOTAL</u> (12)	1970 1960	25 381 29 060	232 546	269 1 053	3 170 3 938	4 324 5 019	3 842 5 848	3 373 2 600	2 183 1 503	1 886 1 388	1 239 1 653	1 215 1 517	3 068 3 995
<u>NORTH AND CENTRAL AMERICA</u> (1)	1970 1960	128 90	...	3 3	5 9	4 8	5 9	12 11	11 8	12 6	15 7	14 4	47 24
<u>PANAMA</u>	1970 1960	128 90	...	3 3	5 9	4 8	5 9	12 11	11 8	12 6	15 7	14 4	47 24
<u>SOUTH AMERICA</u> (3)	1970 1960	7 766 10 041	22 46	53 104	173 324	202 372	289 437	508 640	517 608	659 813	1 220 1 390	1 195 1 430	2 930 3 877
<u>COLOMBIA</u>	1970/71 1960	2 026 2 441	21 44	49 94	154 263	168 282	219 300	318 345	251 241	216 229	245 246	153 139	231 260
<u>URUGUAY</u>	1970 1961	5 084 6 876	...	1 2	4 6	16 27	44 78	134 213	201 315	373 526	862 1 060	956 1 227	2 494 3 424
<u>VENEZUELA</u>	1971 1961	656 725	1 2	3 9	15 55	18 64	26 60	56 81	65 51	70 58	113 85	86 65	205 194
<u>ASIA</u> (1)	1970 1960	9 175 9 701	78 297	305 587	2 853 2 476	2 897 2 918	1 696 3 422	720 ...	626 -	...	-	-	-
<u>PAKISTAN</u>	1972/73 1960	9 175 9 701	78 297	305 587	2 853 2 476	2 897 2 918	1 696 3 422	720 ...	626 -	...	-	-	-
<u>EUROPE</u> (7)	1970 1960	8 615 9 230	132 203	213 359	719 1 129	1 221 1 721	1 852 1 980	2 133 1 949	1 029 887	1 215 569	4 256	6 83	91 94
<u>BELGIUM</u> 1/	1970 1959	1 100 1 124	8 12	9 35	54 111	156 238	336 327	376 261	122 106	39 32	...	...	-
<u>ITALY</u>	1970 1961	3 864 3 963	59 95	111 182	341 516	455 554	602 613	811 778	550 522	936 387	...	59	23
<u>MALTA</u>	1969 1960	14 16	3 3	3 4	6 7	2 2	...	-	-	-	-	-	-
<u>NETHERLANDS</u>	1970 1959	1 030 1 211	3 10	6 21	34 78	108 209	330 376	458 441	81 70	11 6	...	...	-
<u>POLAND</u> 2/	1970 1960	1 232 1 416	46 61	72 92	229 298	398 489	412 409	72 62	3 5	...	-	-	-
<u>SWEDEN</u> 3/	1971 1961	1 101 960	...	...	12 27	50 90	145 186	395 343	272 178	227 134	...	...	-
<u>YUGOSLAVIA</u>	1969 1960	273 539	13 22	12 23	43 92	52 138	27 69	21 63	1 6	2 10	4 21	6 24	91 71

1/ Agricultural area. 2/ Individual holdings. 3/ Arable area of holdings with 2 ha or more of arable area.

TABLE 15.17 - Percent distribution of area rented from others, by size of holding, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Census year	Total area rented from others	Under 1 ha	1 and under 2 ha	2 and under 5 ha	5 and under 10 ha	10 and under 20 ha	Percent	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
TOTAL (12)	1970	100.0	0.9	1.1	14.8	17.0	15.1	13.3	8.6	7.4	4.9	4.8	12.1	
	1960	100.0	1.9	3.6	13.6	17.3	20.1	8.9	5.2	4.8	5.7	5.2	13.7	
NORTH AND CENTRAL AMERICA(1)	1970	100.0	0.4	2.0	4.0	3.0	4.2	9.5	8.6	9.0	11.7	10.6	37.0	
	1960	100.0	0.4	3.1	10.2	8.8	10.3	12.4	8.7	7.1	8.2	4.0	26.7	
PANAMA (1)	1970	100.0	0.4	2.0	4.0	3.0	4.2	9.5	8.6	9.0	11.7	10.6	37.0	
	1960	100.0	0.4	3.1	10.2	8.8	10.3	12.4	8.7	7.1	8.2	4.0	26.7	
SOUTH AMERICA (3)	1970	100.0	0.3	0.7	2.2	2.6	3.7	6.5	6.7	8.5	15.7	15.4	37.7	
	1960	100.0	0.5	1.1	3.2	3.7	4.4	6.4	6.1	8.1	13.8	14.2	38.6	
COLOMBIA	1970/71	100.0	1.1	2.4	7.6	8.3	10.8	15.7	12.4	10.6	12.1	12.1	11.4	
	1960	100.0	1.8	3.8	10.8	11.5	12.3	14.1	9.9	9.4	10.0	10.0	10.6	
URUGUAY	1970	100.0	...	-	0.1	0.3	0.9	2.6	4.0	7.3	17.0	17.0	49.1	
	1961	100.0	...	-	0.1	0.4	1.1	3.1	4.6	7.6	15.4	15.4	49.8	
VENEZUELA	1971	100.0	0.1	0.4	2.4	2.7	3.9	8.5	9.8	10.6	17.3	17.3	31.2	
	1961	100.0	0.2	1.3	7.6	8.8	8.3	11.2	7.0	8.0	11.8	11.8	26.8	
ASIA (1)	1970	100.0	0.9	3.3	31.1	31.6	18.5	7.9	6.8	...	...	...	...
	1960	100.0	3.1	6.0	25.5	30.1	35.3	...	...	...	...	...	...
PAKISTAN	1972/73	100.0	0.9	3.3	31.1	31.6	18.5	7.9	6.8	...	...	...	...
	1960	100.0	3.1	6.0	25.5	30.1	35.3	...	...	...	...	...	...
EUROPE (7)	1970	100.0	1.5	2.5	8.3	14.2	21.5	24.8	11.9	14.1	...	...	1.1
	1960	100.0	2.2	3.9	12.2	18.6	21.4	21.1	9.6	6.2	2.8	2.8	1.0	
BELGIUM 1/	1970	100.0	0.7	0.9	4.9	14.2	30.5	34.2	11.1	3.5	...	...	...
	1959	100.0	1.1	3.2	9.9	21.2	29.1	23.2	9.5	2.8	...	...	...
ITALY	1970	100.0	1.5	2.9	8.8	11.8	15.6	21.0	14.2	24.2	...	...	...
	1961	100.0	2.4	4.6	13.0	14.0	15.5	19.6	13.2	9.8	...	...	0.6
MALTA	1969	100.0	18.3	22.3	41.9	13.9	2.7	0.9	...	...	...	...	...
	1960	100.0	16.8	23.9	42.2	12.8	2.7	1.5	...	...	...	...	...
NETHERLANDS	1970	100.0	0.2	0.5	3.3	10.5	32.0	44.5	7.9	1.1	...	...	...
	1959	100.0	0.8	1.7	6.4	17.3	31.0	36.4	5.8	0.5	...	...	...
POLAND 2/	1970	100.0	3.8	5.8	18.6	32.3	33.5	5.8	0.2	...	...	...	...
	1960	100.0	4.3	6.5	21.1	34.5	28.8	4.4	0.4	...	...	...	...
SWEDEN 3/	1971	100.0	...	...	1.1	4.5	13.2	35.9	24.7	20.6	...	...	...
	1961	100.0	...	...	2.8	9.4	19.4	35.7	18.5	13.9	...	...	...
YUGOSLAVIA	1969	100.0	4.7	4.5	15.8	19.1	10.0	7.6	0.3	0.7	1.6	1.6	33.4	
	1960	100.0	4.0	4.2	17.0	25.6	12.8	11.8	1.2	1.8	3.9	3.9	13.2	

For footnotes see table 15.16

TABLE 15.18 - Number and area of holdings by legal status of holder, 1970 and 1960

Countries by continent (number of reporting countries is given in parenthesis)	Census year	All holdings		Holdings by legal status of holder				Other					
		Number	Area (ha)	Civil person		Corporation		Cooperative		Number	Area (ha)		
				Number	Area (ha)	Number	Area (ha)	Number	Area (ha)				
TOTAL (11)	1970 1960	11 126 460 9 868 214	465 833 645 435 677 114	10 946 476 9 698 801	403 844 656 375 696 304	155 171 112 201	41 874 740 31 538 917	3 512 6 907	4 481 371 898 509	5 563 5 753	5 448 300 4 513 266	15 738 44 552	10 184 578 23 030 118
AFRICA (1)	1970 1960	90 422 110 362	89 297 821 105 944 934	87 535 105 280	81 663 271 86 623 436	2 413 1 158	4 899 536 2 597 837	...	...	274 510	2 184 274 1 562 048	200 3 414	550 767 15 161 613
SOUTH AFRICA 1/	1971 1960	90 422 110 362	89 297 821 105 944 934	87 535 105 280	81 663 271 86 623 436	2 413 1 158	4 899 536 2 597 837	...	...	274 510	2 184 274 1 562 048	200 3 414	550 767 15 161 613
NORTH AND CENTRAL AMERICA (2)	1970 1960	186 834 158 078	5 220 518 2 668 078	184 527 154 631	4 117 243 1 887 255	1 731 2 513	971 309 735 198	98 134	15 089 8 232	102 57	45 650 ...	376 743	71 227 37 393
COSTA RICA	1972/73 1960	81 562 64 621	3 122 456 2 668 078	79 858 51 317	2 331 894 1 887 255	1 358 2 427	727 208 735 198	76 134	13 799 8 232	...	...	270 743	49 555 37 393
PANAMA 2/	1971 1960	105 272 93 457	2 058 062 ...	104 669 93 314	1 785 349 ...	373 86	244 101 ...	22 ...	1 290 ...	102 57	45 650 ...	106 ...	21 672 ...
SOUTH AMERICA (3)	1970 1960	6 330 536 4 223 953	317 772 411 267 690 018	6 181 166 4 121 024	269 790 835 237 359 320	142 427 99 520	34 869 734 26 702 133	619 ...	3 414 708 ...	1 810 1 339	2 113 991 1 675 642	4 514 2 070	7 583 143 1 952 923
BRAZIL	1970 1960	4 924 019 3 337 769	294 145 466 249 862 142	4 779 336 3 236 942	256 932 290 224 177 102	111 479 98 433	34 580 287 23 776 051	...	...	1 782 1 316	2 107 747 1 672 333	1 422 1 078	525 142 236 656
PERU 3/	1972/72 1960	1 390 439 859 945	23 533 112 17 722 044	1 385 819 867 928	12 795 918 13 110 970	933 1 058	275 611 2 905 571	619 ...	3 414 708 ...	...	...	3 068 949	7 046 875 1 705 503
SURINAME	1969 1960	16 078 16 239	93 833 105 832	16 011 16 154	62 627 71 248	15 19	13 936 20 511	...	...	28 23	6 244 3 309	24 43	11 126 10 764
EUROPE (5)	1970 1960	4 518 668 5 375 821	53 181 336 59 374 084	4 493 248 5 317 866	47 942 659 49 826 293	8 600 9 010	1 114 323 1 503 749	2 755 5 773	1 051 574 890 277	3 377 3 847	1 095 569 1 275 576	10 648 38 325	1 977 211 5 878 189
AUSTRIA	1970 1960	362 216 396 530	7 490 463 7 683 888	356 021 390 211	6 066 294 6 114 617	...	...	1 392 1 724	216 428 278 495	2 595 2 537	998 234 1 064 608	2 208 2 058	209 507 206 168
GERMANY, Fed Rep of 4/	1971 1960	1 074 637 1 761 114	15 236 139 21 369 649	1 067 442 1 727 720	14 999 561 16 579 274	...	...	...	...	...	...	33 394	236 578 4 790 375
NORWAY	1969 1960	154 977 198 315	...	154 493 197 532	...	...	...	...	...	...	...	484 783	...
UNITED KINGDOM 5/	1970 1960	326 698 395 670	17 992 312 17 867 107	317 316 384 300	16 780 654 16 023 832	8 600 9 010	1 114 323 1 503 749	...	...	782 1 310	97 335 190 968	1 050	148 558
YUGOSLAVIA	1969 1960	2 600 140 2 624 192	12 462 422 12 453 440	2 597 976 2 618 103	10 096 150 11 108 570	...	...	1 403 5 049	835 146 611 782	...	...	761 1 040	1 531 126 733 088

1/ Data for 1971 census exclude Bantu holdings. 2/ Excludes holdings not classified by legal status. 3/ Excluding 438 holdings with an area of 12 035 ha not reporting legal status. 4/ Data for 1960 include forestry holdings. 5/ Data for 1960 are for Great Britain.

TABLE 15.20 - Number of persons employed in agricultural work on holdings, by sex, 1970 and 1960

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total	Holders and unpaid members of their households			Permanent paid workers			Temporary and other paid workers		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
<u>TOTAL (19)</u>	1970 1960	67 742 312 73 051 053	58 060 163 59 160 472	29 482 215 32 410 523	23 095 496 24 088 109	2 532 657 5 279 592	1 740 316 3 544 338	261 730 656 719	7 148 876 8 610 989	2 618 690 4 627 590	2 271 967 3 298 358
<u>AFRICA (2)</u>	1970 1960	1 338 321 1 342 627	1 338 321 1 031 477	569 061 ...	769 260 ...	3 829 ...	...	...	307 321...	...	...
<u>CENTRAL AFRICAN REPUBLIC</u>	1973/74 Nov '59 - Feb '60	742 887 541 000	1/742 887 1/541 000	1/316 979 ...	1/425 908...	...	...	...	...	...	...
<u>TOGO</u>	1970 1961/62	595 434 801 627	1/595 434 490 477	1/252 082 ...	1/343 352 ...	3 829 ...	...	...	307 321...	...	...
<u>NORTH & CENTRAL AMERICA (4)</u>	1970 1960	9 331 635 9 785 756	6 423 488 7 458 449	827 585 ...	113 451 ...	806 995 2 203 168	263 225 ...	13 159 ...	124 139...	...	...
<u>DOMINICAN REPUBLIC</u>	1-7 Sep '71 2-9 Aug '60	723 395 1 117 732	534 046 977 882	449 554 751 315	84 492 226 567	2/189 349 2/139 850	2/178 557 2/118 175	2/10 792 2/21 675	...	...	...
<u>EL SALVADOR</u>	1970/71 1961	494 023 382 773	406 990 308 449	378 031 ...	28 959 ...	2/87 033 2/74 324	2/84 666 ...	2/2 367...	...	...	...
<u>MEXICO</u>	25-31 Jan '70 1959/60	7 836 897 7 862 290	5 302 027 5 970 103	5 138 495 ...	831 608 ...	433 718 1 892 187	1 767 543 ...	124 644 ...	2 101 152...	...	...
<u>PANAMA</u>	9-15 May '71 9-15 Apr '61	277 320 422 961	180 425 202 015	...	...	96 895 96 807	...	...	124 139...	...	...
<u>SOUTH AMERICA (3)</u>	1970 1960	17 800 946 16 150 349	14 271 791 10 095 652	8 994 436 6 619 499	5 277 355 3 476 153	1 208 548 1 432 141	1 053 407 1 164 889	155 141 267 252	2 320 607 4 622 556	2 042 409 3 504 651	278 198 1 117 905
<u>BRASIL</u>	31 Dec '70 Sept '60	17 582 089 15 900 633	14 106 190 9 848 127	8 881 722 6 444 198	5 224 468 3 404 529	1 155 292 1 429 350	1 004 968 1 162 702	150 324 266 648	2 320 607 4 622 556	2 042 409 3 504 651	278 198 1 117 905
<u>SURINAME</u>	Nov '69 Nov '59	37 651 38 976	33 394 36 185	14 780 15 435	18 614 20 750	4 257 2 791	3 318 2 187	939 604	...	...	...
<u>URUGUAY</u>	22-29 June '70 22-29 May '69	181 206 210 740	132 207 1/210 740	97 934 1/159 866	34 273 1/50 874	48 999 ...	45 121 ...	3 878...	...	...	...
<u>ASIA (3)</u>	1970 1960	24 928 410 24 262 823	24 652 278 20 826 824	12 203 470 9 012 989	12 448 808 10 693 936	64 613 751 904	55 689 82 068	8 924 74 821	211 519 2 684 095	176 811 ...	34 638 ...
<u>IRAQ</u>	15 Oct '71 1957/58	2 110 565 1 474 467	1 834 433 1 119 899	1 021 635 ...	812 798 ...	64 613 2/354 568	55 689 ...	8 924 ...	211 519 ...	176 881 ...	34 638 ...
<u>JAPAN</u>	1969 1959/60	15 465 586 14 906 548	15 465 586 14 542 464	7 587 509 5 995 638	7 878 077 8 546 826	156 889 ...	82 068 ...	74 821 ...	207 195 ...	85 080 ...	122 115 ...
<u>KOREA, Republic of</u>	1970 1960	3/7 352 259 7 881 808	3/7 352 259 5 164 461	3/3 594 326 3 017 351	3/3 757 933 2 147 110	...	...	...	2 476 900 ...	850 855 ...	1 626 045 ...

See footnotes at end of table.

(Continued)

TABLE 15.20 - Number of persons employed in agricultural work on holdings, by sex, 1970 and 1960 (cont'd)

Countries by continents (number of reporting countries is given in parenthesis)	Date to which data relate	Total	Holders and unpaid members of their households			Permanent paid workers			Temporary and other paid workers		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
EUROPE (7)	1970 1960	14 343 000 21 509 498	11 374 285 19 748 070	6 887 663 10 888 225	4 486 622 8 859 845	452 501 888 550	367 995 411 663	84 506 168 327	2 515 598 872 878	399 470 187 004	1 959 231 432 293
AUSTRIA	1 Jun'69- 31 May'70	798 593	696 931	340 322	356 609	43 876	31 034	12 842	57 786	22 574	35 212
	1 Jun'59- 1 May'60	1 148 685	922 874	423 560	499 314	100 782	61 394	39 368	125 009	48 476	76 533
BELGIUM	15 May'70 31 Dec'59	291 193 566 980	266 142 544 341	188 223 312 134	77 919 232 207	15 199 22 639	12 338 19 957	3 461 2 682	9 252	5 064	4 188
	16 Jun'68- 15 Jun'69	596 939	4/544 533	4/285 640	4/258 893	52 406	21 275	31 131	...	...	...
	16 Jun'58- 15 Jun'59	1 113 537	1 067 420	547 523	519 897	46 117	24 811	21 306	...	...	...
FRANCE	1 Nov'69- 31 Oct'70 1962/63	4 093 713 6 281 330	3 511 756 5 719 190	2 095 166 3 818 410	1 506 590 1 900 780	233 513 308 560	216 379 ...	15 134 ...	258 444 253 580	5/82 672 ...	5/18 775 ...
GERMANY, Fed Rep of	1971 May'60	2 734 538 5 407 333	2 605 314 4 580 594	1 458 503 2 159 404	1 146 811 2 421 190	106 207 332 450	84 969 222 433	21 936 103 017	22 367 494 289	13 212 136 529	9 155 355 760
NETHERLANDS	1 May'69- 30 Apr'70 Jan-May'60	340 229 501 833	1/340 229 423 631	1/252 712 319 840	1/87 517 103 991	78 002	76 068	1 934	...	...	...
	1-10 Apr'69 15-31 May'60	5 577 129 6 489 820	5/3 409 380 1/6 489 820	6/2 357 037 1/3 307 354	6/1 052 283 1/3 182 466	...	...	...	2 167 749	275 948	1 891 801

1/ Includes permanent paid workers living on the holding. 2/ All paid workers. 3/ Includes paid members of the holder's household. 4/ All permanent workers.
5/ Excludes occasional workers. 6/ Includes permanent paid workers. 7/ Individual holdings.

LIST OF COUNTRIES, CONTINENTS, ECONOMIC CLASSES AND REGIONS

A. LIST OF COUNTRIES BY CONTINENTS

AFRICA

Algeria, Angola, Benin, Botswana, British Indian Ocean Territory, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Djibouti, Egypt, Equatorial Guinea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Réunion, Rhodesia, Rwanda, St. Helena, Sao Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Spanish North Africa, Sudan, Swaziland, Tanzania, Togo, Tunisia, Uganda, Upper Volta, Western Sahara, Zaire, Zambia

NORTH AND CENTRAL AMERICA

Antigua, Bahamas, Barbados, Belize, Bermuda, Canada, Cayman Islands, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Greenland, Grenada, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Panama Canal Zone, Puerto Rico, St. Kitts-Nevis-Anguilla, St. Lucia, St. Pierre and Miquelon, St. Vincent, Trinidad and Tobago, Turks and Caicos Islands, United States, Virgin Islands (U.K.), Virgin Islands (U.S.)

SOUTH AMERICA

Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands (Malvinas), French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela

ASIA

Afghanistan, Bahrain, Bangladesh, Brunei, Burma, China, Cyprus, East Timor, Gaza Strip (Palestine), Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Democratic Kampuchea, Democratic People's Republic of Korea, Republic of Korea, Kuwait, Lao, Lebanon, Macau, Malaysia: Peninsular Malaysia, Malaysia: Sabah, Malaysia: Sarawak, Maldives, Mongolia, Nepal, Oman, Pakistan, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Thailand, Turkey, United Arab Emirates, Viet Nam, Yemen Arab Republic, Democratic Yemen

EUROPE

Albania, Andorra, Austria, Belgium, Bulgaria, Czechoslovakia, Denmark, Faeroe Islands, Finland, France, German Democratic Republic, Federal Republic of Germany, Gibraltar, Greece, Holy See, Hungary, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Spain, Sweden, Switzerland, United Kingdom, Yugoslavia

OCEANIA

American Samoa, Australia, Canton and Enderbury Islands, Christmas Island (Aust.), Cocos (Keeling) Islands, Cook Islands, Fiji, French Polynesia, Gilbert Islands, Guam, Johnston Island, Midway Islands, Nauru, New Caledonia, New Zealand, Niue Island, Norfolk Island, Pacific Islands (Trust Territory), Papua New Guinea, Pitcairn Island, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu, Wake Island, Wallis and Futuna Islands

USSR

Union of Soviet Socialist Republics

B. LIST OF COUNTRIES BY ECONOMIC CLASSES AND REGIONS

CLASS I: DEVELOPED MARKET ECONOMIES

Region A - North America: Canada, United States
Region B - Western Europe: Andorra, Austria, Belgium, Denmark, Faeroe Islands, Finland, France, Federal Republic of Germany (incl. West Berlin), Gibraltar, Greece, Holy See, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, Norway, Portugal (incl. Azores and Madeira), San Marino, Spain, Sweden, Switzerland, United Kingdom (incl. Channel Islands and Isle of Man), Yugoslavia
Region C - Oceania: Australia, New Zealand
Region D - Other developed market economies: Israel, Japan (incl. Ponin and Ryukyu Is.), South Africa

APPENDIX

LIST OF COUNTRIES, CONTINENTS, ECONOMIC CLASSES AND REGIONS (cont'd)

CLASS II: DEVELOPING MARKET ECONOMIES

Region A - Africa: Algeria, Angola, Benin, Botswana, British Indian Ocean Territory, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Djibouti, Equatorial Guinea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Reunion, Rhodesia, Rwanda, St. Helena, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, Spanish North Africa, Swaziland, Tanzania, Togo, Tunisia, Uganda, Upper Volta, Western Sahara, Zaire, Zambia

Region B - Latin America: Antigua, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador (incl. Galapagos Islands), El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Panama Canal Zone, Paraguay, Peru, Puerto Rico, St. Kitts-Nevis-Anguilla, St. Lucia, St. Vincent, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, Venezuela, Virgin Islands (U.K.), Virgin Islands (U.S.)

Region C - Near East: Africa: Egypt, Libya, Sudan, Asia: Afghanistan, Bahrain, Cyprus, Gaza Strip (Palestine), Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia (Kingdom of), Syria, Turkey, United Arab Emirates, Yemen Arab Republic, Democratic Yemen

Region D - Far East: Bangladesh, Bhutan, Brunei, Burma, East Timor, Hong Kong, India, Indonesia, Republic of Korea, Lao, Macau, Malaysia (Peninsular Malaysia, Sabah, Sarawak), Maldives, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Thailand

Region E - Other developing market economies: America: Bermuda, Greenland, St. Pierre and Miquelon. Oceania: American Samoa, Canton and Enderbury Islands, Christmas Island (Aust.), Cocos (Keeling) Islands, Cook Islands, Fiji, French Polynesia, Gilbert Islands, Guam, Johnston Island, Midway Islands, Nauru, New Caledonia, Niue Island, Norfolk Island, Pacific Islands (Trust Territory), Papua New Guinea, Pitcairn Island, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu, Wake Island, Wallis and Futuna Islands

CLASS III: CENTRALLY PLANNED ECONOMIES

Region A - Asia: China, Democratic Kampuchea, Democratic People's Republic of Korea, Mongolia, Viet Nam

Region B - Eastern Europe and U.S.S.R: Albania, Bulgaria, Czechoslovakia, German Democratic Republic (incl. East Berlin), Hungary, Poland, Romania, U.S.S.R.

ALL DEVELOPED COUNTRIES

Includes developed market economies and Region B of centrally planned economies.

ALL DEVELOPING COUNTRIES

Includes developing market economies and Region A of centrally planned economies.

C. LIST OF MOST SERIOUSLY AFFECTED (MSA) DEVELOPING COUNTRIES

Afghanistan, Bangladesh, Benin, Burma, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Egypt, El Salvador, Ethiopia, Gambia, Ghana, Guatemala, Guinea-Bissau, Guyana, Haiti, Honduras, India, Ivory Coast, Kenya, Lao, Lesotho, Madagascar, Mali, Mauritania, Mozambique, Nepal, Niger, Pakistan, Rwanda, Senegal, Sierra Leone, Somalia, Sudan, Sri Lanka, Tanzania, Uganda, Upper Volta, Samoa, Yemen Arab Republic, Democratic Yemen