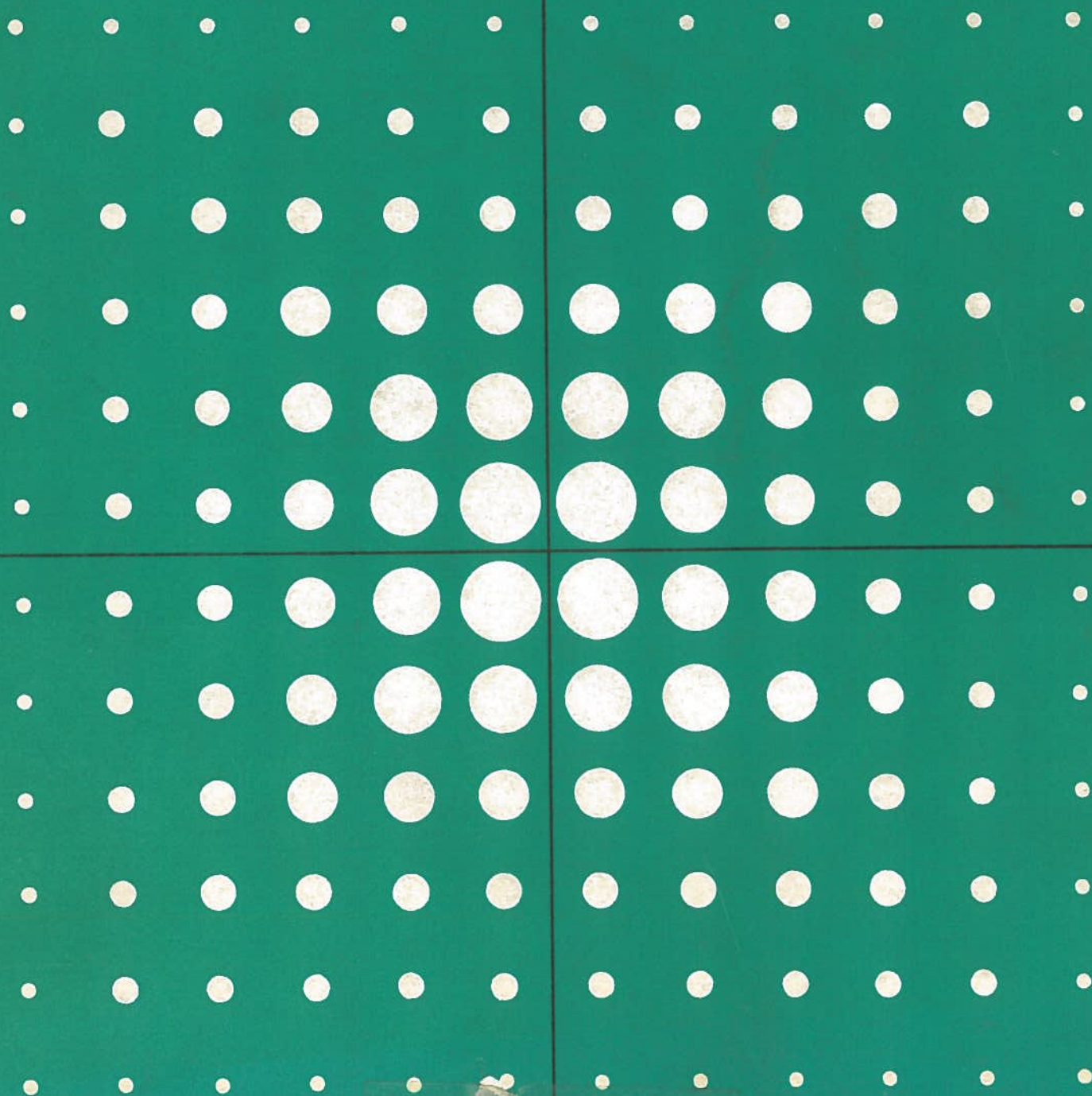


I/b

report on the 1960 world census of agriculture

CENSUS RESULTS BY COUNTRIES

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS



**REPORT ON THE
1960 WORLD CENSUS OF AGRICULTURE**

Volume I - Part B

CENSUS RESULTS BY COUNTRIES

**FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ROME, 1967**

Definitions of symbols used in the tables:

- None, in negligible quantity (less than one half of the unit indicated) or entry not applicable.
- ... Data not available.
- () Component of a total.

P.V. SUKHATME
Director, Statistics Division

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PREFACE TO PART B

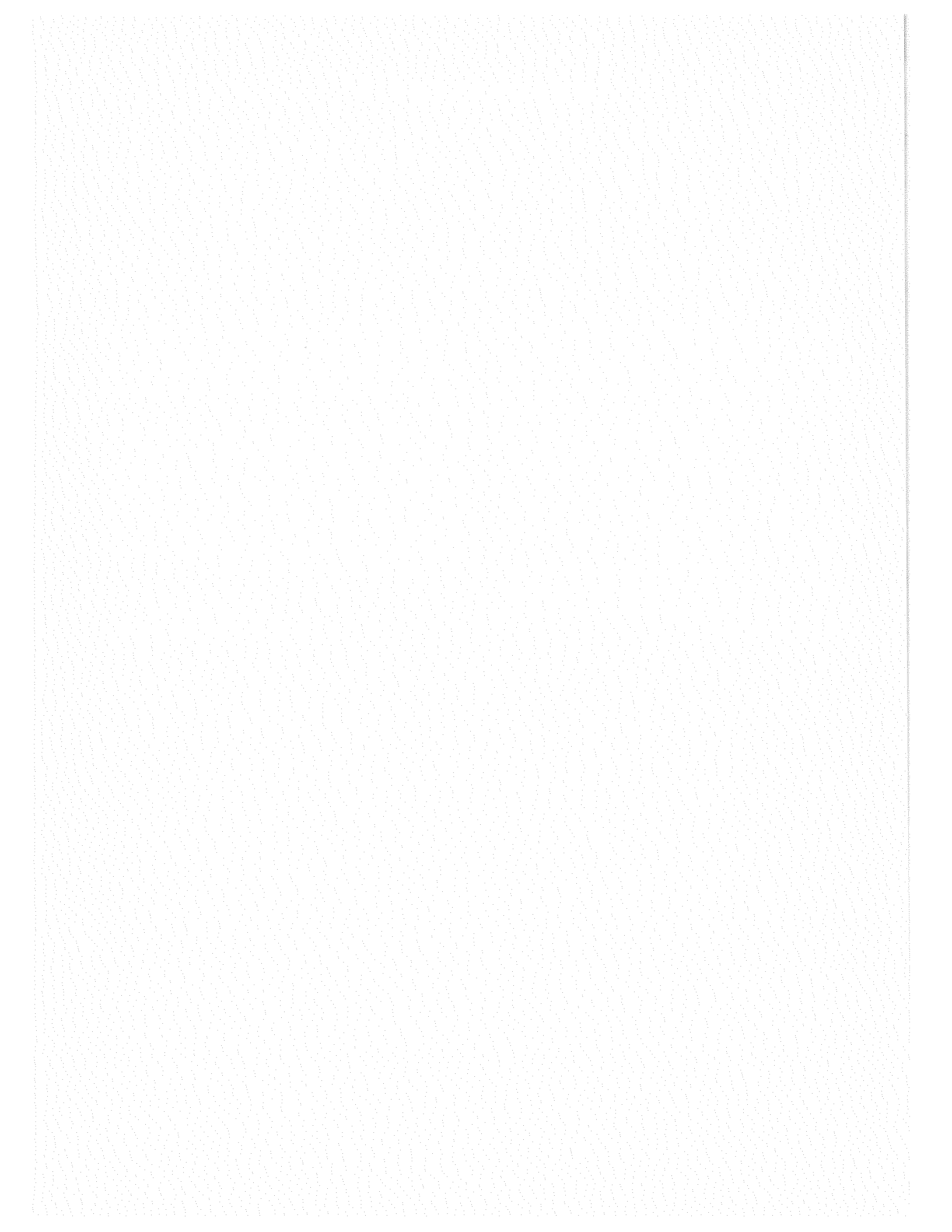
This is Part B of the *Report on the 1960 World Census of Agriculture*. Volume I. *Census results by countries*. Part A, published in 1966, contained information for 25 countries and territories that participated in the 1960 World Census of Agriculture. The present publication includes data for a further 25 countries and territories for which the final census results have been received by FAO. This brings to 50 the total number of countries and territories for which 1960 agricultural census data have been included in Volume I of the report.

Data for the remaining countries will be contained in Part C of this report, thus completing the series of publications dealing with census results by countries.

Since the present report is a continuation of Part A, the explanation given in the preface to Volume I in that section applies equally to Part B. For this reason the said preface is reproduced here.

In order to help readers identify the place where data for a specified country or territory is included in Volume I, Part A or B, an appendix has been added at the end of the present publication listing the countries and territories in alphabetical order, with an indication of the respective part of Volume I and the page on which the census data are to be found.

P.V. SUKHATME
Director, Statistics Division



PREFACE TO VOLUME I

The world census of agriculture has been a major project of the Food and Agriculture Organization of the United Nations (FAO) from its very inception, and is intended to serve two main purposes:

1. Introduce and improve agricultural statistics in countries where these are lacking or unsatisfactory.
2. Obtain international comparable statistics on agricultural structure.

The 1950 World Census of Agriculture was the first attempt by FAO to secure comparable statistics on agricultural structure. The results of this census have been made available in a series of publications. With the publication of the present volume of the *Report on the 1960 World Census of Agriculture, Census results by countries*, the Organization begins the series of publications on the 1960 Census. The aim of this publication, which is the first of the series, is primarily to provide, in a unified form, census results for countries that have participated in the 1960 World Census of Agriculture.¹ These data otherwise can be found only in scores of national census reports presented in diverse forms in many different languages and therefore not readily accessible to the reader. It is intended to issue Volume I in three parts: A, B and C. This publication is Part A. Other parts will be issued as final results from other countries become available and are processed in FAO. The report will include census figures for only those countries which complied with the following definition of an agricultural census: "A government-sponsored operation for the collection of quantitative information on agricultural structure, using as a unit of enu-

meration the agricultural holding, and covering the whole country (or territory) within a single agricultural year." In this respect, therefore, the report is different from the 1950 one, which included, for several countries and territories, data not collected holdingwise, but obtained by rough estimates or intelligent guesses. Part A includes information on 25 countries and territories for which the Organization has received the final national reports.² The *Program for the 1960 World Census of Agriculture*³ constituted the framework for the world census. In addition, regional census programs prepared within the framework of the World Program were also drawn upon by countries in preparing their national census plans; hence, this publication contains, in addition to items of the world census program, certain census items characteristic of individual regions, for example, production of livestock products in the Americas.

Data on crops not mentioned in any of the census programs, but for which some countries collected information because they were of substantial importance from the national point of view, are also included in exceptional cases.

Furthermore, comparative tables from the 1950 and 1960 censuses have been included to provide an idea of the changes in the agricultural structure of the countries during this ten-year period, even though these tables are limited to selected items.

The selection of comparable items for crops required a certain discrimination. Generally, the area or number criteria, that is, crops showing the largest area or the largest number of trees were used. In certain cases additional criteria

¹ As participating countries are considered those conducting censuses between 1958 and 1964.

² Provisional census results for 57 countries and territories have been published in the *FAO Monthly Bulletin of Agricultural Economics and Statistics*.

³ Published by FAO in Rome in 1957.

were applied as, for instance, the economic value of the crops, the amount of production or the magnitude of the changes during the period of the two censuses.

Even for the selected items it needs to be stressed that the figures for 1950 and 1960 are not always strictly comparable. There are many factors affecting this comparability, for example, coverage of items, periods of enumeration, time reference and use of different concepts and definitions. It is considered, however, that the data presented here for the two censuses are adequate for giving a general idea of agricultural changes which have occurred in countries between the two censuses.

For each country the publication is divided into two parts: text and tables. The text includes only those explanations necessary for a clear understanding and interpretation of the census figures, in addition to the definitions of the main items and concepts used by each country in its agricultural census. It is subdivided into three sections, as follows:

- (i) Date of the census and time reference.
- (ii) Method of collection and processing of census data.
- (iii) Scope and definition of items.

Section (iii) is further subdivided according to the main sections of the Program. The following subdivision also applies to the tables:

- 0 - Holder, holding and tenure
- 1 - Land utilization
- 2 - Crops

- 3 - Livestock and poultry
- 4 - Employment in agriculture
- 5 - Farm population
- 6 - Agricultural power and machinery and general transport facilities
- 7 - Irrigation and drainage
- 8 - Fertilizers and soil dressings
- 9 - Wood and fishery products

The terminology used is, as far as possible, that of the Program. In a few cases, however, that of the country had to be adopted.

Most of the countries have used in their tabulation a size classification of holdings according to the total area of the holding as requested in the Program. There were, however, certain deviations, as, for instance, size classification by crop area, by agricultural area, etc. In these cases, in the tables "Classified by size of holding," the criterion used for classification has been specifically indicated.

Countries included in this publication, in general have tabulated their census results by size of holdings. This does not imply, however, that *all data* were so classified. Where countries have tabulated *a part* of their census data by size, these have been included also in the tables "Not classified by size of holding." If countries, however, have tabulated *all data* by size of holding, the tables "Not classified by size of holding" were omitted.

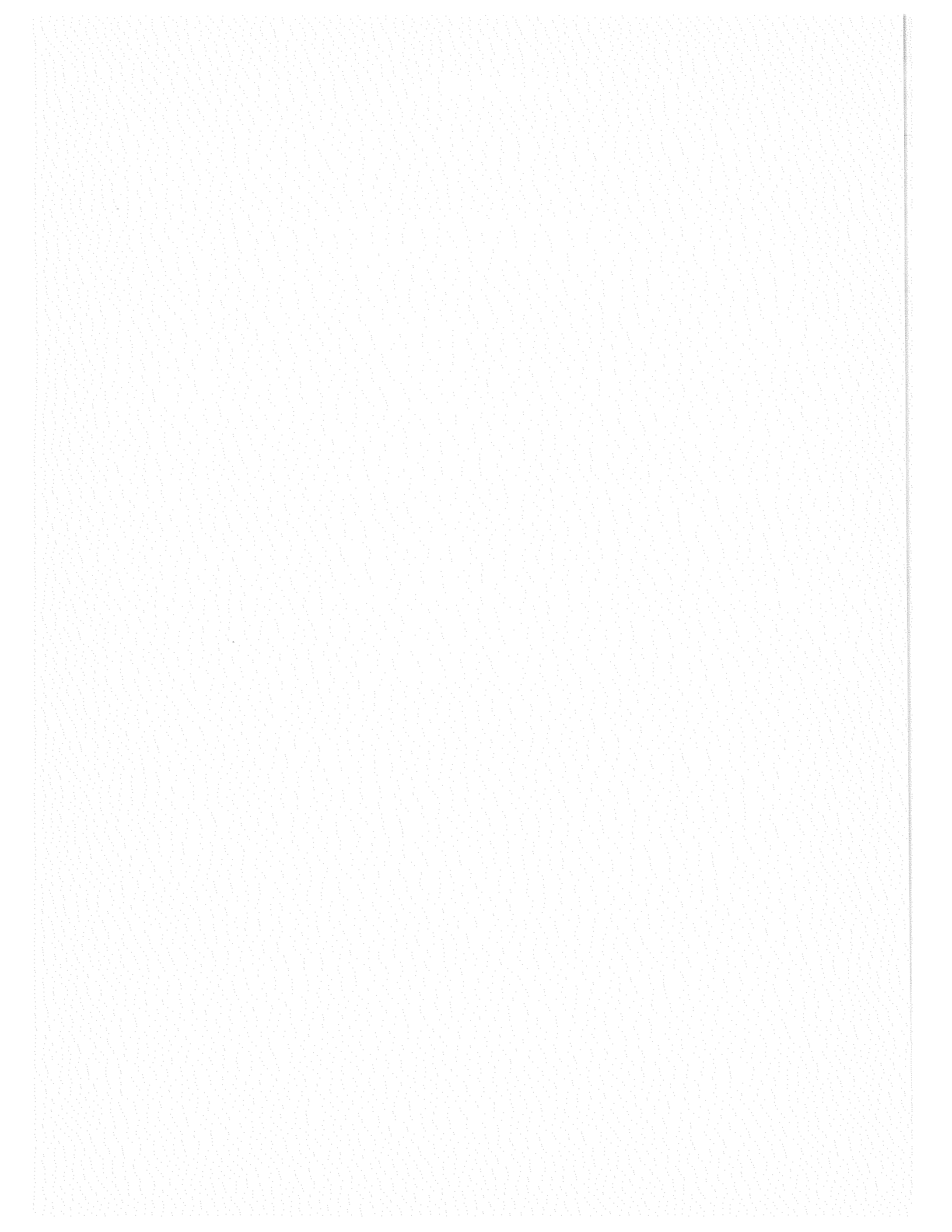
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ARGENTINA

Date of the census and time reference

The agricultural census was taken on 30 September 1960, except in the provinces of Río Negro, Neuquén, Chubut, Santa Cruz, Territorio Nacional de la Tierra del Fuego, Antártida and Islas del Atlántico Sur where the census was carried out on 4 November 1960. In the Misiones Province the census enumeration was repeated on 23 July 1961 due to extensive errors in coverage during the enumeration.

Data on number and area of holdings, land tenure, number of trees or vines, sugarcane, artificial forests, nurseries and flowers, farm population and agricultural machinery and implements refer to 30 September 1960. Figures on employment in agriculture refer to the week preceding the census (30 September 1960). Data on number of livestock and poultry refer to 30 June 1960. Information on land utilization refers to the period 1 October 1959 to 30 September 1960. Data on livestock production, i.e., milk, eggs, skins, etc., refer to the period 1 July 1959 to 30 June 1960.

Data on crop areas refer to the agricultural year 1959/60.

Method of collection and processing of census data

For enumeration purposes, the departments were divided into census districts on the basis of the agricultural conditions of each province. Census districts were divided into enumeration areas. Maps and cartographical material were prepared for the whole country by the General Directorate of Statistics with the co-operation of specialized personnel.

Census questionnaires were distributed directly to holders, who were asked to fill in the respective forms.

Census data were processed by the punch-card method.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the civil or juridical person who, directly or through a hired manager, had the technical or economic responsibility for the operation of the holding.

Holding

A holding was defined as all land, regardless of size, used wholly or partly for the breeding or fattening of animal species and/or the growing of any vegetal species for obtaining agricultural products.

The holding may be constituted by various plots of land, next to one another or not, and belonging to the same or different owners, provided they are located in the same or adjacent census areas and constitute a single operational unit.

When a large establishment is made up of several units operated by different persons, each unit was to be considered as a separate holding, provided its technical and economic services were independent although being under the same direction.

In the case of sharecroppers and vineyards operated by contractors, census questionnaires were to be filled out by the owner of the land.

Land devoted to the growing of crops and the raising of animals for home consumption or occasional sale and located within the residence houses, and establishments devoted exclusively to forest production from natural forest areas, were excluded from the census.

ARGENTINA

Area of the holding. The area of the holding includes all land constituting the holding, i.e., arable land, land under permanent crops, permanent meadows and pastures, wood or forest land and all other land.

The basis for the classification of holdings by size was the total area of the holding.

Tenure

Area owned by the holder includes the land over which the holder possesses a title of ownership.

Area rented from others includes land for which use the holder pays a fixed amount of money, a fixed amount of produce, or both, a share of the produce or its equivalent in money. This category includes also land operated by the holder and ceded gratuitously to him by the landowner.

Area under other single forms of tenure includes *fiscal* land, e.g., land operated by the holder but belonging to the state, provinces or municipalities. The holder may occupy this land as tenant with annual precarious permit, as caretaker or trustee without contract, in concession of sale to get the land in ownership. This category includes also land occupied by the holder without permission and land held under other forms of tenure not mentioned in any of the previous categories.

1 - LAND UTILIZATION

Arable land

This includes the areas devoted to annual crops during the agricultural year 1 October 1959 to 30 September 1960. As annual crops were considered those whose growing cycle is one year or less, i.e., wheat, maize, sunflower, oats, barley, groundnuts (peanuts) etc. This category of land includes also the areas with annual forage crops used for grazing.

Land under permanent crops

This includes the areas with crops whose growing cycle lasts various years, such as fruit trees, vineyards, yerba maté, etc. This category includes also areas with cultivated forest trees.

Permanent meadows and pastures

This includes the area of land devoted to permanent fodder crops and the area with natural pastures.

Wood or forest land

This includes all areas covered by uncultivated forest trees.

All other land

This includes land not comprised in any of the previous categories, e.g., fallow land, arable land damaged by floods, land prepared for cultivation but not sown due to unforeseen circumstances, land suitable but not used for agriculture or forestry production, area under rivers, lakes, rocky land, sandy land, salty land and areas occupied by buildings, parks, homes, roads, etc.

3 - LIVESTOCK AND POULTRY

Data include all animals on the holding at the census date regardless of ownership, excluding those animals arriving at the holding on the day of the census. Animals owned by the holder but in auction places and on exhibition sites were also included.

4 - EMPLOYMENT IN AGRICULTURE

Data refer to persons working on the holding the week preceding 30 September 1960. Persons engaged in domestic work were excluded.

5 - FARM POPULATION

Data include persons living on the holding on 30 September 1960. By "Persons living on

ARGENTINA

the holding" is meant those persons actually residing on the holding, e.g., the holder, members of his family, managers, etc., but excluding guests.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data refer to machines on the holding on 30 September 1960, regardless of ownership. Machines being repaired or in transit were also to

be reported. Only serviceable machines were included.

* * *

SOURCES: Argentina. Dirección Nacional de Estadística y Censos. *Censo Nacional Agropecuario*. Tomo I. Buenos Aires, 1964. For data on 1947 see Ministerio de Asuntos Técnicos. *IV Censo General de la Nación 1947*. Tomo II. *Censo Agropecuario*. Buenos Aires, Dirección Nacional del Servicio Estadístico.

ARGENTINA

Area: in hectares

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	471 756
Area	175 142 497

Area in holdings, by tenure

Area owned by the holder or in ownerlike possession	103 219 103
Area rented from others (total)	29 592 386
For a fixed amount of money	(17 936 734)
For a fixed amount of produce	(1 797 793)
For a fixed amount of money and produce for a share of the produce, or its equivalent in money	(2 095 770)
Under other forms of renting, including area operated gratuitously	(7 540 184)
Area operated under other single forms of tenure	42 331 008

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Arable land	18 266 584
Land under permanent crops	1 205 108
Permanent meadows and pastures	118 357 462
Wood or forest land	21 838 975
All other land	15 474 368

2 - CROPS - AREA

Crops on arable land

Wheat

Number of holdings reporting	85 597
Area	4 472 138

Rye

Number of holdings reporting	42 301
Area	2 719 286

Rice

Number of holdings reporting	2 771
Area	63 487

Millet

Number of holdings reporting	6 449
Area	149 505

Maize

Number of holdings reporting	201 909
Area (total)	2 674 235

Hybrid maize

Area	(2 150 351)
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Ordinary maize

Area	(523 884)
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Barley

Number of holdings reporting	15 166
Area	494 537

Oats

Number of holdings reporting	35 551
Area	1 577 674

Canary seed

Number of holdings reporting	714
Area	19 404

Soybeans

Number of holdings reporting	1 111
Area	2 023

Dry broad beans

Number of holdings reporting	3 671
Area	1 422

Edible dry beans

Number of holdings reporting	5 812
Area	25 904

Lentils

Number of holdings reporting	1 226
Area	8 049

Chick-peas

Number of holdings reporting	1 049
Area	7 434

Edible dry peas

Number of holdings reporting	1 988
Area	14 513

Potatoes

Number of holdings reporting	29 145
Area	168 739

Manioc (cassava)

Number of holdings reporting	22 688
Area	18 775

Sweet potatoes

Number of holdings reporting	26 158
Area	35 158

Onions

Number of holdings reporting	8 732
Area	12 069

Garlic

Number of holdings reporting	11 868
Area	6 026

Sugarcane

Number of holdings reporting	17 120
------------------------------------	--------

Sugar beets

Area	27
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Cotton

Number of holdings reporting	44 511
Area	558 028

Flax for fiber

Number of holdings reporting	589
Area	26 875

Hemp

Area	119
------------	-----

New Zealand flax (formio)

Area	770
------------	-----

Jute

Area	287
------------	-----

Ramie

Area	50
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Groundnuts (peanuts)

Number of holdings reporting	8 581
Area	221 438

Linseed

Number of holdings reporting	29 146
Area	1 004 790

Mustard

Area	239
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Poppy seed

Number of holdings reporting	141
Area	1 562

Castor beans

Number of holdings reporting	2 373
Area	16 403

ARGENTINA

Area: in hectares

Not classified by size of holding

Sunflower		Tomatoes	
Number of holdings reporting	30 339	Number of holdings reporting	14 984
Area	908 181	Area	19 744
Rapeseed or colza		Chillies	
Area	419	Number of holdings reporting	2 498
Pimientos		Area	1 781
Number of holdings reporting	6 374	Beans (harvested green)	
Area	6 101	Number of holdings reporting	4 497
Aniseed		Area	3 092
Area	192	Peas (harvested green)	
Cumin seed		Number of holdings reporting	7 087
Number of holdings reporting	686	Area	12 854
Area	1 082	Other crops on arable land	
Lavender		Area	433
Area	139	Permanent crops	
Mint		Oranges	
Number of holdings reporting	310	Number of holdings reporting	54 103
Area	1 229	Number of trees of productive age	9 742 682
Tobacco		Mandarines	
Number of holdings reporting	12 262	Number of holdings reporting	35 365
Area	37 490	Number of trees of productive age	4 654 590
Hops		Lemons	
Area	369	Number of holdings reporting	9 873
Pyrethrum		Number of trees of productive age	1 079 446
Area	45	Kumquats	
Broom sorghum		Number of holdings reporting	419
Number of holdings reporting	2 650	Number of trees of productive age	27 100
Area	24 908	Pomelos	
Alfalfa (alone)		Number of holdings reporting	5 663
Area	1 885 988	Number of trees of productive age	567 852
Alfalfa (mixed)		Apples	
Area	1 464 918	Number of holdings reporting	23 175
Barley for fodder		Number of trees of productive age	5 670 611
Number of holdings reporting	20 187	Pears	
Area	379 655	Number of holdings reporting	14 251
Other forage crops		Number of trees of productive age	2 117 551
Area	2 098 633	Quinces	
Artichokes		Number of holdings reporting	12 623
Number of holdings reporting	845	Number of trees of productive age	1 142 820
Area	1 200	Apricots	
Asparagus		Number of holdings reporting	10 735
Number of holdings reporting	463	Number of trees of productive age	453 952
Area	475	Cherries (sweet)	
Celery		Number of holdings reporting	2 744
Number of holdings reporting	972	Number of trees of productive age	115 365
Area	485	Cherries (sour)	
Watermelons		Number of holdings reporting	2 563
Number of holdings reporting	17 400	Number of trees of productive age	119 630
Area	11 082	Peaches	
Melons		Number of holdings reporting	88 318
Number of holdings reporting	5 279	Number of trees of productive age	9 001 163
Area	6 137	Plums	
Pumpkins		Number of holdings reporting	23 833
Number of holdings reporting	25 301	Number of trees of productive age	2 654 903
Area	28 734	Figs	
		Number of holdings reporting	9 944
		Number of trees of productive age	172 830

ARGENTINA

Area: in hectares

Not classified by size of holding

Avocados		Male	(14 543 250)
Number of holdings reporting	795	Female	(28 977 272)
Number of trees of productive age	34 080	Cattle up to 2 years of age	21 396 333
Persimmons		Male	(10 156 850)
Number of holdings reporting	256	Female	(11 239 483)
Number of trees of productive age	7 568	Calves under 1 year of age	9 559 318
Walnuts		Male	(4 631 366)
Number of holdings reporting	6 428	Female	(4 927 952)
Number of trees of productive age	338 388	Young stock 1 year of age and up to 2 years	11 270 627
Chestnuts		Male	(4 959 096)
Number of holdings reporting	697	Female	(6 311 531)
Number of trees of productive age	15 152	Cattle over 2 years of age	22 124 189
Strawberries		Male	(4 386 400)
Number of holdings reporting	706	Female	(17 737 789)
Area	358	Number of holdings reporting specified number of cattle:	
Bananas		Up to 25 head	152 397
Number of holdings reporting	5 933	26-50 head	46 897
Number of plants of productive age	1 152 042	51-100 head	46 867
Pineapples		101-200 head	40 011
Number of holdings reporting	1 082	201-600 head	31 107
Number of plants of productive age	1 875 547	601-1 000 head	5 476
Grapes		1 000-2 000 head	4 043
Area (total)	257 708	2 001-3 000 head	1 328
Area of vines of productive age	(227 896)	3 001-4 000 head	574
Area of vines of nonproductive age	(29 812)	4 001-5 000 head	314
Number of vines of productive age	774 915 100	5 001 head and over	551
<i>Grapes for wine</i>		Milk production (thousand liters)	3 539 028
Number of holdings reporting	33 271	Skin production (number)	1 738 484
Area	234 145	Sheep	
Area of vines of productive age	(208 503)	Number of holdings reporting	151 379
Area of vines of nonproductive age	(25 642)	Number of sheep	48 456 659
Number of vines of productive age	729 844 115	Wool production	165 677
<i>Grapes for table use</i>		Skin production (number)	6 020 632
Number of holdings reporting	9 687	Pigs	
Area	23 563	Number of holdings reporting	194 862
Area of vines of productive age	(19 393)	Number of pigs	3 880 695
Area of vines of nonproductive age	(4 170)	Skin production (number)	41 929
Number of vines of productive age	45 070 985	Poultry	
Tea		Number of holdings reporting	316 220
Number of holdings reporting	4 421	Number of hens, cocks, pullets and chicks ..	29 299 139
Area	14 044	Egg production (thousands)	1 374 841
Yerba maté		4 - EMPLOYMENT IN AGRICULTURE	
Number of holdings reporting	12 151	Persons employed in agricultural work on the holding during the census week	
Number of plants	96 278 161	All persons	1 486 845
Olives		Male	1 261 768
Number of holdings reporting	20 764	Up to 14 years of age	(34 229)
Number of trees of productive age	4 665 327	Over 14 years of age	(1 227 539)
Tung trees		Female	225 077
Number of holdings reporting	5 923	Up to 14 years of age	(14 501)
Area	32 730	Over 14 years of age	(210 576)
3 - LIVESTOCK AND POULTRY		Holder, including paid and unpaid family members	954 461
Horses		Other persons working on the holding ..	532 384
Total number of horses	4 846 534	Permanent workers	(319 802)
Horses under 3 years of age	764 860	Temporary workers	(212 582)
Horses 3 years of age and over	4 081 674	5 - FARM POPULATION	
Stallions	(64 775)	Persons living on the holding	
Mares	(1 785 956)	All persons	2 619 587
Others	(2 230 943)	Male	(1 440 202)
Cattle		Female	(1 179 385)
Number of holdings reporting	329 565	6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES	
Total number of cattle	43 520 522	Selected agricultural equipment on the holding (number)	
		Tractors	
		Total number of tractors	104 184
		Up to 25 hp	(22 048)
		Over 25 and up to 30 hp	(12 951)
		Over 30 and up to 35 hp	(12 506)

ARGENTINA

Area: in hectares

Not classified by size of holding

Over 35 and up to 40 hp	(12 372)
Over 40 and up to 50 hp	(22 020)
Over 50 hp	(22 287)
Plows (total)	866 795
Animal-operated	(676 597)
Tractor-operated	(190 198)
Tine harrows (total)	350 867
Animal-operated	(280 394)
Tractor-operated	(70 473)
Disk harrows (total)	61 548
Animal-operated	(31 536)
Tractor-operated	(30 012)
Broadcast seeders (total)	45 975
Animal-operated	(39 224)
Tractor-operated	(6 751)
Spacing drills (total)	70 065
Animal-operated	(43 429)
Tractor-operated	(26 636)
Seed drills (total)	92 457
Animal-operated	(73 336)
Tractor-operated	(19 121)
Cultivators (total)	68 929
Animal-operated	(53 991)
Tractor-operated	(14 938)
Sprayers and dusters (total)	86 449
Hand-operated	(55 871)
Animal-operated	(18 101)
Tractor-operated	(12 477)
Roller harrows (total)	20 803
Animal-operated	(13 156)
Tractor-operated	(7 647)

Fumigators	9 376
Mowers (total)	96 263
Animal-operated	(77 971)
Tractor-operated	(18 292)
Rakes (side delivery and others) (total) ...	73 355
Horse rakes	(68 763)
Tractor-operated	(4 592)
Reapers and binders (total)	39 800
Animal-operated	(10 677)
Tractor-operated or self-propelled	(29 123)
Combines (harvester-threshers)	7 432
Corn pickers and picker shellers	55 428
Potato lifters (total)	6 483
Animal-operated	(4 617)
Tractor-operated	(1 866)
Lineup headers (total)	31 953
Animal-operated	(22 865)
Tractor-operated	(9 088)
Self-propelled toppers	691
Groundnut (peanut) harvester stockers	718
 threshers	2 392
Hay balers	8 506
Pickup balers	3 823
Milking machines	5 669
Cream separators	13 966
Wool clippers	2 759

Area: in hectares

SIZE CLASSIFICATION BY

	All sizes of holdings	Up to 5 ha	5.1 and up to 25 ha	25.1 and up to 100 ha	100.1 and up to 200 ha	200.1 and up to 400 ha
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	471 756	71 814	109 590	127 463	58 795	38 277
Percentage distribution	100.0	15.2	23.2	27.0	12.5	8.1
Area	175 142 497	200 635	1 558 910	7 710 135	8 778 295	10 919 668
Percentage distribution	100.0	0.1	0.9	4.4	5.0	6.2

ARGENTINA

Classified by size of holding

TOTAL AREA OF HOLDING

400.1 and up to 1 000 ha	1 000.1 and up to 2 500 ha	2 500.1 and up to 5 000 ha	5 000.1 and up to 10 000 ha	10 000 ha and over	Holdings of sizes not reported	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
24 876	14 899	5 798	3 110	2 551	14 583	Number
5.3	3.2	1.2	0.7	0.5	3.1	Percentage distribution
15 624 948	25 774 150	22 239 940	23 928 680	58 407 136	—	Area
8.9	14.7	12.7	13.7	33.4	—	Percentage distribution

SELECTED DATA FROM CENSUSES
OF 1947 AND 1960

ARGENTINA

Area: in hectares

	1947	1960		1947	1960
0 - HOLDER, HOLDING AND TENURE			Maize		
Number and area of holdings, by size			Number of holdings reporting ..	193 344	201 909
All sizes of holdings			Area	3 425 540	2 674 235
Number	471 389	471 756	Barley		
Area	173 448 104	175 142 497	Number of holdings reporting ..	24 440	15 166
Holdings up to 5 ha			Area	868 965	494 537
Number	59 616	71 814	Oats		
Holdings 5.1 and up to 25 ha			Number of holdings reporting ..	33 383	35 551
Number	101 836	109 590	Area	1 119 796	1 577 674
Holdings 25.1 and up to 100 ha			Potatoes		
Number	128 285	127 463	Number of holdings reporting ..	40 391	29 145
Holdings 100.1 and up to 200 ha			Area	159 117	168 739
Number	63 025	58 795	Sugarcane		
Holdings 200.1 and up to 1 000 ha			Number of holdings reporting ..	12 708	17 120
Number	62 976	63 153	Cotton		
Holdings 1 000.1 and up to 10 000 ha			Number of holdings reporting ..	31 025	44 511
Number	23 544	23 807	Area	367 768	558 028
Holdings 10 000.1 ha and over			Sunflower		
Number	2 149	2 551	Number of holdings reporting ..	43 069	30 339
Holdings of size not reported			Area	1 173 988	908 181
Number	29 958	14 583	Barley for fodder		
Average size of holding	368.0	371.3	Number of holdings reporting ..	16 914	20 187
			Area	223 876	379 655
1 - LAND UTILIZATION			3 - LIVESTOCK AND POULTRY		
Utilization of land in holdings (area)			Horses		
Arable land	17 493 855	18 266 584	Number of horses	7 281 359	4 846 534
Land under permanent crops	7 947 277	1 205 108	Cattle		
Permanent meadows and pastures ..	103 334 867	118 357 462	Number of cattle	41 048 313	43 520 522
Wood or forest land	29 566 054	21 838 975	Sheep		
All other land	15 106 051	15 474 368	Number of sheep	51 171 632	48 456 659
			Pigs		
2 - CROPS - AREA			Number of pigs	2 930 793	3 880 695
Crops on arable land					
Wheat					
Number of holdings reporting ..	106 864	85 597			
Area	6 042 079	4 472 138			
Rye					
Number of holdings reporting ..	37 725	42 301			
Area	2 056 104	2 719 286			
Millet					
Number of holdings reporting ..	12 880	6 449			
Area	271 954	149 505			

Date of the census and time reference

The census enumeration started on 1 June 1960 and had to be completed on 30 June 1960.

All data collected refer to 1 June 1960, except for data on permanent and temporary nonfamily workers, which refer to the agricultural year 1 June 1959 to 31 May 1960.

Method of collection and processing of census data

Three census questionnaires were used: (a) for agricultural and forestry holdings; (b) for commercial gardens and tree nurseries; and (c) for forestry holdings with a forest area of 50 ha and over.

The questionnaires were either completed by the persons operating agricultural or forestry holdings and then checked by the commune authorities or, if the person in charge of the holding was unable to fill in the questionnaire himself, it was completed by the administration of the commune.

The questionnaires were precoded and the information was transferred to punch cards. Only in a few cases, e.g., for holdings with an area of 100 ha and over, processing was done manually.

Scope and definition of items**0 - HOLDER, HOLDING AND TENURE***Holder*

The holder was defined as the person on whose account the holding was operated by himself (e.g., as an owner or tenant) or by the person in charge (manager) of the farming activities.

 Holding

The holding was defined as all land used for agriculture and forestry production, including nonproductive areas. Only holdings with a total area of 0.5 ha and over were included in the census, except for holdings with fruit-growing, vine-growing and horticultural cultivation for sale, which were included even if they had an area of less than 0.5 ha.

Area of the holding. The area of the holding was considered to be the area owned plus area rented minus area leased:

Plus: (a) the nonreduced shares of area from rights of usufruct of non-owned area or (and) from rights on common property (communal estates, etc.);

Minus: (b) the nonreduced shares of area from rights of others on the owned area of the holding.

In order to obtain information on areas mentioned above under (a) and (b), a special survey of rights of usufruct was carried out in 1959. The greatest part of these areas was appropriately partitioned and allocated to the specific holders. Hence, such areas were also deducted from other holdings enumerated in the census. As a result, those jointly owned holdings, the area of which had been partitioned and allocated to other holders, disappeared. About 85 percent of communal holdings was fictitiously partitioned, while the rest could not be partitioned because the shares of area on which holders had rights were considered too small for allocation or for some other reasons. Some holdings, against which others had rights, e.g., of usufruct on forest areas and pure pastures, have been left as holdings of civil or juridical persons with reduced area; the equivalent area of forest or pure pasture has been deducted.

AUSTRIA

1 - LAND UTILIZATION

Arable land

Includes all areas for field crops (wheat, rye, tobacco, clover, etc.), vegetables, tuber and root crops, temporary meadows, fallow land and the areas cultivated by commercial gardeners, in addition to the area planted with vegetables for home consumption.

Land under permanent crops

Includes the area which is exclusively used for fruit growing (also berries), i.e., area without subcultivation of grasses, vegetables, potatoes, etc., or with only such subcultivation which is not grown for regular harvesting. It includes also the area for cultivation of nurseries of fruit trees, ornamental trees and shrubs; tree nurseries of forestry holdings are included under "Wood or forest land."

Permanent meadows and pastures

Includes all areas of permanent meadows for mowing, whether once or more times, and the areas of permanent pastures, including cultivated pastures whether enclosed or not.

Wood or forest land

Forestry land was reported according to the cadastral register.

All other land

Includes areas of lakes, swamps, rivers, brooks, area for buildings and yards and all other unproductive areas.

2 - CROPS

Area figures and numbers of trees refer to the crops which were on the field at the census date.

3 - LIVESTOCK AND POULTRY

Livestock figures refer to the number of animals present on the holding at the census date.

4 - EMPLOYMENT IN AGRICULTURE

Family workers and paid permanent nonfamily workers and paid nonpermanent nonfamily workers were enumerated according to the situation on 1 June 1960.

Permanent nonfamily workers were those who had worked on the holding for at least half of the working time of the year preceding the census (1 June 1959 to 31 May 1960).

Nonpermanent nonfamily workers were those who had worked on the holding less than half of the working time from 1 June 1959 to 31 May 1960.

5 - FARM POPULATION

Data refer to the number of persons living in the holder's household as at 1 June 1960.

A household included the holder and those family members and relatives who lived with him in the common household. Persons not related to the holder were excluded.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data refer to the number of machines owned by the holder and those used on the holding. All usable machines had to be reported, whether used exclusively or predominantly for agriculture or forestry. Data refer to 1 June 1960.

* * *

SOURCES : Austria. Statistisches Zentralamt, *Land- und forstwirtschaftliche Betriebszählung, 1960. Gesamtergebnisse für Österreich. Teil A. Landwirtschaft.* Wien, 1964. For data on 1950, see FAO. *Report on the 1950 World Census of Agriculture. Volume I. Census results by countries.* Rome, 1955.

AUSTRIA

Area: in hectares

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	396 530
Area	7 683 888

Age of the holder

Total number of holders reporting	202 792
Number of holders	
Under 55 years of age	(125 705)
55 and under 65 years of age	(53 490)
65 years of age and over	(23 597)

Legal status of the holder

Holdings operated by:

Civil persons	
Number	390 211
Area	6 114 617
Co-operatives ¹	
Number	1 724
Area	278 495
Government	
Number	2 537
Area	1 084 608
Other	
Number	2 058
Area	206 168

1 - LAND UTILIZATION

Utilization of land in holdings

Arable land	
Area	1 620 252
Land under permanent crops	
Area	41 115
Permanent meadows and pastures	
Area	2 189 269
Wood or forest land	
Number of holdings reporting	268 561
Area	3 062 670
All other land	
Number of holdings reporting	360 923
Area	770 582

2 - CROPS - AREA

Crops on arable land

Wheat

Number of holdings reporting	207 173
Area	280 604

Rye

Number of holdings reporting	174 649
Area	167 219

Maize

Number of holdings reporting	118 357
Area	59 745

Barley

Number of holdings reporting	179 473
Area	198 939

Oats

Number of holdings reporting	183 638
Area	156 179

Mixed grains

Number of holdings reporting	14 509
Area	13 302

Other cereals harvested for grain

Number of holdings reporting	14 732
Area	15 060

Pulses for grain ²

Number of holdings reporting	17 760
Area	5 846

Potatoes

Number of holdings reporting	327 645
Area	160 802

Sugar beets for sugar

Number of holdings reporting	39 245
Area	43 164

Oilseed crops

Number of holdings reporting	30 717
Area	7 293

Industrial crops

Number of holdings reporting	4 745
Area	1 786

Red, white and Swedish clover

Number of holdings reporting	130 875
Area	107 459

Clover grass

Number of holdings reporting	57 535
Area	51 902

Alfalfa (lucerne)

Number of holdings reporting	64 306
Area	48 825

Beets, turnips and cabbage for fodder

Number of holdings reporting	224 619
Area	57 027

Other crops for fodder and hay

Number of holdings reporting	62 727
Area	35 270

Vegetables ³

Number of holdings reporting	23 280
Area	4 695

Green manure crops ⁴

Number of holdings reporting	14 491
Area	13 090

Permanent crops

Apples

Number of trees	5 304 378
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Pears

Number of trees	2 423 783
-----------------------	-----------

Apricots

Number of trees	236 128
-----------------------	---------

Cherries (incl. sour cherries)

Number of trees	586 503
-----------------------	---------

Peaches

Number of trees	204 473
-----------------------	---------

Plums and prunes

Number of trees	1 987 729
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Walnuts

Number of trees	220 837
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Grapes

Number of holdings reporting	72 068
Area	33 259

Nurseries ⁵

Area (total)	7 070
Nurseries of fruit trees	(3 385)
Nurseries of perennial plants	(474)
Nurseries of ornamental plants	(3 211)

¹ Includes also holdings operated by private companies. - ² Grown in pure stand or mixed or associated. - ³ Including strawberries.
- ⁴ Includes also fallow land. - ⁵ Refers to commercial holdings.

AUSTRIA

Area: in hectares

Not classified by size of holding

3 - LIVESTOCK AND POULTRY

Horses

Number of holdings reporting	107 817
Total number of horses	155 898
Horses under 3 years of age	(13 925)
Horses 3 years of age and over	(141 973)

Cattle

Number of holdings reporting	303 385
Total number of cattle	2 308 102
Cattle under 2 years of age	(956 065)
Cattle 2 years of age and over	(1 352 037)

Cattle classified by use or purpose

Cows used for milk and meat production (incl. draft cows)	1 120 796
Heifers and heifers in calf	582 154
Bulls used for service	15 015
Other cattle	590 047
Raised primarily for meat production ..	(47 818)
Used primarily as draft animals	(47 571)
Other cattle	(494 658)

Sheep

Number of holdings reporting	32 348
Number of sheep	179 468

Goats

Number of holdings reporting	58 073
Number of goats	103 630

Pigs

Number of holdings reporting	321 566
Total number of pigs	2 425 902
Pigs under 6 months of age	1 557 244
Pigs 6 months of age and over	868 658
Sows and gilts for breeding	(308 211)
All other pigs	(560 447)

Poultry

Chickens

Number of holdings reporting	344 927
Number of chickens	6 677 887

Ducks and geese

Number of holdings reporting	56 640
Number of ducks and geese	462 656

Other domesticated animals

Bees

Number of holdings reporting	32 408
Number of beehives	194 436

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding

All persons	674 561
Holders and members of their families ..	533 664
Male	(250 459)
Female	(283 205)
Persons working for pay on the holding ..	140 897
Male	(62 877)
Female	(78 020)
Permanent workers *	58 580
Male	(32 277)
Female	(26 303)
Seasonal workers	14 487
Male	(5 003)
Female	(9 484)
Daily workers	67 830
Male	(25 597)
Female	(42 233)

Number of man-days worked on the holding †	3 568 295
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5 - FARM POPULATION

Number of holdings reporting	202 792
All persons	875 006
Holders and members of their families ..	835 257
Other persons living on the holding † ..	39 749
Male	(18 642)
Female	(21 107)

Professional training in agriculture

Academy for soil cultivation	614
Number of persons	614
Agricultural high schools	1 459
Number of persons	1 459
Lower grade agricultural schools	20 084
Number of persons	20 084
Agricultural vocational schools	63 839
Number of persons	63 839

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment owned by the holder

Internal combustion motors

Number of motors	19 534
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Electric motors

Number of holdings reporting	232 988
Number of electric motors	318 863

Tractors

Total number of tractors	129 071
Up to 16 hp	(57 532)
Over 16 hp and up to 30 hp	(50 234)
Over 30 hp	(10 601)
Power tillers and other single-axle traction power units	(10 704)

Seed drills

Number of holdings reporting	62 102
Number of seed drills	62 859

Potato planters

Number of holdings reporting	10 865
Number of potato planters	10 894

Fertilizer distributors

Number of holdings reporting	19 339
Number of fertilizer distributors	19 950

Manure spreaders

Number of holdings reporting	8 111
Number of manure spreaders	8 401

Mowers (total)

Number of holdings reporting	113 081
Animal-operated	(29 393)
Self-propelled	(83 688)

Reapers and binders

Number of holdings reporting	18 892
Number of reapers and binders	18 995

Combines (harvester-threshers)

Number of holdings reporting	8 559
Number of combines	8 906

Potato harvesters

Number of holdings reporting	47 364
Number of potato harvesters	47 629

* Includes also apprentices. - † From 1 June 1959 to 31 May 1960. Data refer to temporary nonfamily workers. - * Permanent nonfamily workers living in the household.

AUSTRIA

Area: in hectares

Not classified by size of holding

Hay harvesting machines

Number of holdings reporting	70 876
Number of hay harvesting machines	97 889

Threshers

Number of holdings reporting	53 713
Number of threshers	53 838

Beet diggers

Number of holdings reporting	3 041
Number of beet diggers	3 113

Cutter blower (high-powered)

Number of holdings reporting	46 162
Number of cutter blowers	46 937

Field choppers

Number of holdings reporting	1 767
Number of field choppers	1 809

Milking machines

Number of holdings reporting	30 988
Number of milking machines (units)	31 149

Carts

Number of holdings reporting	101 579
Number of carts	141 765

Lorries

Number of holdings reporting	4 139
Number of lorries	4 728

Cars

Number of holdings reporting	37 972
Number of cars	38 604

Motorcycles

Number of holdings reporting	105 959
Number of motorcycles	116 023

Conveyers

Number of holdings reporting	3 878
Number of conveyers	4 591

Hay grabs and silofillers

Number of holdings reporting	35 891
Number of hay grabs and silofillers	40 489

Area: in hectares

**SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING**

AUSTRIA

Classified by size of holding

	All sizes of holdings	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 ha and over
0 - HOLDER, HOLDING AND TENURE									
Number and area of holdings									
Number	396 530	83 932	83 313	72 106	78 205	60 587	11 571	4 369	2 447
Percentage distribution	100.0	21.2	21.0	18.2	19.7	15.3	2.9	1.1	0.6
Area	7 683 888	96 110	276 113	520 060	1 129 164	1 784 417	780 526	595 449	2 502 049
Percentage distribution	100.0	1.3	3.6	6.8	14.7	23.2	10.2	7.7	32.5
Age of the holder									
Total number of holders reporting ...	202 792	13 702	26 293	41 928	58 912	48 691	8 863	3 113	1 290
Number of holders:									
Under 55 years of age	(125 705)	(5 946)	(13 242)	(26 011)	(39 459)	(32 669)	(5 669)	(1 894)	(815)
55 and under 65 years of age	(53 490)	(4 117)	(8 204)	(11 398)	(14 570)	(11 854)	(2 238)	(806)	(303)
65 years of age and over	(23 597)	(3 639)	(4 847)	(4 519)	(4 883)	(4 168)	(956)	(413)	(172)
Legal status of the holder									
Holdings operated by:									
Civil persons									
Number	390 211	82 767	82 238	71 182	77 267	59 731	11 198	4 057	1 771
Area	6 114 617	94 733	272 556	513 403	1 115 821	1 757 046	754 403	550 982	1 055 673
Co-operatives¹									
Number	1 724	423	303	251	177	197	97	94	182
Area	278 495	478	981	1 773	2 532	6 255	6 518	13 595	246 363
Government									
Number	2 537	358	387	326	380	387	170	148	381
Area	1 084 608	423	1 284	2 334	5 405	12 383	12 149	20 614	1 030 016
Other									
Number	2 058	384	335	347	381	272	106	70	113
Area	206 168	476	1 222	2 550	5 406	8 733	7 456	10 258	169 997
1 - LAND UTILIZATION									
Utilization of land in holdings									
Arable land									
Area	1 620 252	39 428	109 854	214 468	469 772	561 716	107 121	46 917	70 976
Land under permanent crops									
Area	41 115	6 883	7 975	9 016	9 882	5 510	647	444	758
Permanent meadows and pastures									
Area	2 189 269	33 636	96 682	152 390	320 911	578 557	325 692	255 727	425 674
Wood or forest land									
Number of holdings reporting	268 561	19 558	47 903	57 211	68 954	57 109	11 257	4 240	2 329
Area	3 062 670	11 940	54 725	133 277	305 298	585 036	296 532	235 412	1 440 450
All other land									
Number of holdings reporting	360 923	68 237	74 175	67 498	74 798	58 597	11 141	4 144	2 333
Area	770 582	4 223	6 877	10 909	23 301	53 598	50 534	56 949	564 191
2 - CROPS - AREA									
Crops on arable land									
Wheat									
Number of holdings reporting	207 173	17 848	40 699	48 531	54 534	37 932	5 292	1 558	779
Area	280 604	4 692	16 737	36 621	83 811	98 428	16 100	7 442	16 773
Rye									
Number of holdings reporting	174 649	8 241	29 353	39 732	48 904	39 311	6 392	1 934	782
Area	167 219	1 894	10 331	22 887	52 073	62 963	9 376	2 917	4 778
Maize									
Number of holdings reporting	118 357	19 537	27 346	30 254	25 355	13 298	1 652	527	388
Area	59 745	3 974	7 286	11 999	15 423	12 177	2 665	1 581	4 640
Barley									
Number of holdings reporting	179 473	19 046	31 013	36 918	45 427	36 774	6 909	2 352	1 034
Area	198 939	5 904	13 243	24 605	56 781	66 776	11 886	6 086	13 658
Oats									
Number of holdings reporting	183 638	7 852	30 238	41 983	52 816	41 196	6 609	2 109	835
Area	156 179	1 411	8 236	20 559	52 467	61 174	7 538	2 374	2 420

¹ Includes also holdings operated by private companies.

Area: in hectares

**SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING**

AUSTRIA

Classified by size of holding

	All sizes of holdings	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 ha and over
Mixed grains									
Number of holdings reporting	14 509	788	2 506	2 982	4 641	3 232	256	63	41
Area	13 302	206	894	1 677	4 846	4 788	393	122	376
Other cereals harvested for grain									
Number of holdings reporting	14 732	494	1 980	2 699	4 865	4 061	416	123	94
Area	15 060	99	554	1 267	4 505	6 344	994	310	987
Pulses for grain ²									
Number of holdings reporting	17 760	2 314	3 514	4 335	4 139	2 645	496	196	121
Area	5 846	223	426	609	1 096	1 242	332	370	1 548
Potatoes									
Number of holdings reporting	327 645	52 090	68 220	63 740	71 869	56 297	10 313	3 595	1 521
Area	160 802	8 652	16 610	24 244	48 445	48 967	7 120	2 866	3 898
Sugar beets for sugar									
Number of holdings reporting	39 245	1 369	4 034	8 667	14 263	9 735	799	194	184
Area	43 164	201	1 082	3 980	11 951	16 493	3 570	1 513	4 374
Oilseed crops									
Number of holdings reporting	30 717	1 591	5 839	8 763	8 756	5 036	475	133	124
Area	7 293	123	483	1 034	1 516	1 378	487	562	1 710
Industrial crops									
Number of holdings reporting	4 745	378	708	1 190	1 306	944	125	60	34
Area	1 786	62	127	276	515	568	70	61	107
Red, white and Swedish clover									
Number of holdings reporting	130 875	5 399	21 674	31 539	40 600	28 646	2 297	478	242
Area	107 459	868	5 739	14 644	37 311	43 540	3 324	743	790
Clover grass									
Number of holdings reporting	57 535	3 622	9 229	11 451	13 883	14 404	3 403	1 066	477
Area	51 902	830	3 218	5 728	11 752	20 970	5 807	1 950	1 647
Alfalfa (lucerne)									
Number of holdings reporting	64 306	8 070	13 190	14 507	16 833	10 001	1 112	335	258
Area	48 825	1 488	4 630	8 601	15 633	13 750	2 022	871	1 830
Beets, turnips and cabbage for fodder									
Number of holdings reporting	224 619	25 308	47 394	48 726	55 661	39 944	5 343	1 579	664
Area	57 027	2 049	6 428	10 796	19 077	16 488	1 541	271	377
Other crops for fodder and hay									
Number of holdings reporting	62 727	2 680	10 905	17 017	19 832	10 919	898	271	205
Area	35 270	438	2 388	5 923	11 874	11 021	1 708	782	1 136
Vegetables ³									
Number of holdings reporting	23 280	3 296	4 657	4 884	5 172	4 324	597	213	137
Area	4 695	403	552	710	927	979	320	401	403
Green manure crops ⁴									
Number of holdings reporting	14 491	1 572	1 888	2 303	3 758	4 353	436	104	77
Area	13 090	501	881	1 409	2 993	5 379	940	488	499
Permanent crops									
Grapes									
Number of holdings reporting	72 068	19 413	17 026	16 239	14 332	4 809	150	45	54
Area	33 259	6 039	6 817	7 574	8 176	3 899	295	126	333
3 - LIVESTOCK AND POULTRY									
Horses									
Number of holdings reporting	107 817	1 495	7 714	17 477	35 648	34 575	6 966	2 637	1 305
Total number of horses	155 898	1 659	8 543	22 928	50 153	53 076	11 308	5 060	4 171
Horses under 3 years of age	(13 925)	(91)	(413)	(1 048)	(3 156)	(4 900)	(1 922)	(1 151)	(1 244)
Horses 3 years of age and over	(141 973)	(1 568)	(8 130)	(20 880)	(46 997)	(48 176)	(9 386)	(3 909)	(2 927)

² Grown in pure stand or mixed or associated. - ³ Including strawberries. - ⁴ Includes also fallow land.

Area: in hectares

**SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING**

AUSTRIA

Classified by size of holding

	All sizes of holdings	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 ha and over
Cattle									
Number of holdings reporting	303 385	28 222	61 531	64 690	74 325	58 303	10 905	3 827	1 582
Total number of cattle	2 308 102	50 174	186 253	327 639	642 593	768 882	188 832	84 791	58 938
Cattle under 2 years of age	(956 065)	(8 567)	(47 898)	(115 455)	(275 156)	(353 931)	(89 636)	(39 797)	(25 625)
Cattle 2 years of age and over	(1 352 037)	(41 607)	(138 355)	(212 184)	(367 437)	(414 951)	(99 196)	(44 994)	(33 313)
Cattle classified by use or purpose									
Cows used for milk and meat production (incl. draft cows)	1 120 796	38 917	127 966	184 446	308 102	334 159	72 263	32 008	22 935
Heifers and heifers in calf	582 154	6 587	35 053	74 233	156 322	204 073	59 948	27 734	18 204
Bulls used for service	15 105	459	331	905	3 217	6 720	1 817	984	672
Other cattle	590 047	4 211	22 903	68 055	174 952	223 930	54 804	24 065	17 127
Raised primarily for meat production	(47 818)	(405)	(1 154)	(3 368)	(11 307)	(17 999)	(5 853)	(3 466)	(4 264)
Used primarily as draft animals	(47 571)	(158)	(1 998)	(9 538)	(15 790)	(13 989)	(4 227)	(1 325)	(546)
Other cattle	(494 658)	(3 648)	(19 751)	(55 149)	(147 855)	(191 942)	(44 722)	(19 274)	(12 317)
Sheep									
Number of holdings reporting	32 348	790	1 406	2 665	7 589	12 774	4 481	1 877	766
Number of sheep	179 468	2 605	4 019	8 912	25 227	65 185	36 407	21 017	16 096
Goats									
Number of holdings reporting	58 073	22 674	14 385	8 445	6 817	3 878	1 058	539	277
Number of goats	103 630	42 195	24 130	12 361	9 889	7 123	2 996	2 560	2 376
Pigs									
Number of holdings reporting	321 566	47 989	66 037	63 513	71 946	56 467	10 517	3 650	1 447
Total number of pigs	2 425 902	121 067	252 426	393 897	709 959	729 301	117 328	48 696	53 228
Pigs under 6 months of age	1 557 244	91 846	171 338	252 646	454 094	456 647	71 879	29 257	28 727
Pigs 6 months of age and over	868 658	29 221	81 088	141 251	255 055	272 654	45 449	19 439	24 501
Sows and gilts for breeding	(308 211)	(6 711)	(24 308)	(49 823)	(93 975)	(104 247)	(16 022)	(6 871)	(6 254)
All other pigs	(560 447)	(22 510)	(56 780)	(91 428)	(161 080)	(168 407)	(29 427)	(12 568)	(18 247)
Poultry									
Chickens									
Number of holdings reporting	344 927	61 216	71 419	65 859	73 583	57 296	10 608	3 532	1 414
Number of chickens	6 677 887	685 613	1 001 025	1 198 524	1 760 532	1 600 121	272 482	88 855	70 735
Ducks and geese									
Number of holdings reporting	56 640	8 651	9 963	11 765	14 564	10 040	1 050	385	222
Number of ducks and geese	462 656	68 103	74 625	89 757	119 940	90 914	9 886	3 893	5 538
Other domesticated animals									
Bees									
Number of holdings reporting	32 408	3 913	5 601	5 768	7 339	7 304	1 665	577	241
Number of beehives	194 436	31 382	39 066	35 058	38 701	36 054	8 924	3 652	1 989
4 - EMPLOYMENT IN AGRICULTURE									
Persons employed in agricultural work on the holding									
All persons	674 561	25 742	59 498	116 131	195 441	195 350	41 494	18 203	22 702
Holders and members of their families	533 664	21 845	53 908	104 003	163 630	147 060	28 814	10 497	3 907
Male	(250 459)	(7 647)	(22 598)	(47 946)	(78 694)	(71 946)	(14 307)	(5 296)	(2 025)
Female	(283 205)	(14 198)	(31 310)	(56 057)	(84 936)	(75 114)	(14 507)	(5 201)	(1 882)
Persons working for pay on the holding	140 897	3 897	5 590	12 128	31 811	48 290	12 680	7 706	18 795
Male	(62 877)	(1 574)	(2 351)	(4 783)	(11 509)	(19 496)	(6 215)	(4 302)	(12 647)
Female	(78 020)	(2 323)	(3 239)	(7 345)	(20 302)	(28 794)	(6 465)	(3 404)	(6 148)
Permanent workers ⁵	58 580	1 543	1 285	2 449	8 881	20 888	6 713	4 422	12 399
Male	(32 277)	(747)	(578)	(1 020)	(3 602)	(9 837)	(3 677)	(2 662)	(10 154)
Female	(26 303)	(796)	(707)	(1 429)	(5 279)	(11 051)	(3 036)	(1 760)	(2 245)
Seasonal workers	14 487	734	623	943	2 163	4 594	1 460	898	3 072
Male	(5 003)	(196)	(225)	(356)	(617)	(1 494)	(484)	(410)	(1 221)
Female	(9 484)	(538)	(398)	(587)	(1 546)	(3 100)	(976)	(488)	(1 851)
Daily workers	67 830	1 620	3 682	8 736	20 767	22 808	4 507	2 386	3 324
Male	(25 597)	(631)	(1 548)	(3 407)	(7 290)	(8 165)	(2 054)	(1 230)	(1 272)
Female	(42 233)	(989)	(2 134)	(5 329)	(13 477)	(14 643)	(2 453)	(1 156)	(2 052)
Number of man-days worked on the holding ⁶	3 568 295	147 207	189 513	339 797	792 964	1 052 679	290 670	163 382	592 083

⁵ Includes also apprentices. - ⁶ From 1 June 1959 to 31 May 1960. Data refer to temporary nonfamily workers.

Area: in hectares

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

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Classified by size of holding

	All sizes of holdings	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 ha and over
5 - FARM POPULATION									
Number of holdings reporting	202 792	13 702	26 293	41 928	58 912	48 691	8 863	3 113	1 290
All persons	875 006	28 312	76 548	161 316	269 423	258 504	53 476	19 632	7 795
Holders and members of their families	835 257	27 855	75 837	159 481	261 564	239 842	47 832	16 796	6 050
Other persons living on the holding ⁷	39 749	457	711	1 835	7 859	18 662	5 644	2 836	1 745
Male	(18 642)	(229)	(303)	(714)	(3 125)	(8 605)	(3 008)	(1 625)	(1 033)
Female	(21 107)	(228)	(408)	(1 121)	(4 734)	(10 057)	(2 636)	(1 211)	(712)
Professional training in agriculture									
Academy for soil cultivation Number of persons	614	38	56	55	78	109	72	60	146
Agricultural high schools Number of persons	1 459	141	102	119	209	336	174	148	230
Lower grade agricultural schools Number of persons	20 084	585	859	1 752	4 444	7 555	2 645	1 363	881
Agricultural vocational schools Number of persons	63 839	1 879	4 344	9 508	19 844	20 785	4 881	1 750	848

⁷ Permanent nonfamily workers living in the household.

Area: in hectares

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

AUSTRIA

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE			Oats		
Number and area of holdings, by size			Number of holdings reporting ..	234 136	183 638
All sizes of holdings			Area	201 958	156 179
Number	432 848	396 530	Potatoes		
Area	7 726 228	7 683 888	Number of holdings reporting ..	382 670	327 645
Holdings under 2 ha			Area	160 085	160 802
Number	105 213	83 932	Permanent crops		
Area	120 543	96 110	Apples		
Holdings 2 and under 5 ha			Number of trees	7 375 728	5 304 378
Number	102 687	83 313	Pears		
Area	340 672	276 113	Number of trees	3 430 405	2 423 783
Holdings 5 and under 10 ha			Plums and prunes		
Number	81 547	72 106	Number of trees	2 474 280	1 987 729
Area	583 000	520 060	Grapes		
Holdings 10 and under 20 ha			Number of holdings reporting ..	83 273	72 068
Number	76 874	78 205	Area	33 770	33 259
Area	1 102 854	1 129 164			
Holdings 20 and under 50 ha			3 - LIVESTOCK AND POULTRY		
Number	52 166	60 587	Horses		
Area	1 514 760	1 784 417	Number of horses	281 369	155 898
Holdings 50 and under 100 ha			Cattle		
Number	8 083	11 571	Number of cattle	2 242 770	2 308 102
Area	541 895	780 526	Sheep		
Holdings 100 and under 200 ha			Number of sheep	365 073	179 468
Number	3 322	4 369	Goats		
Area	461 533	595 449	Number of goats	201 283	103 630
Holdings 200 ha and over			Pigs		
Number	2 956	2 447	Number of pigs	2 098 245	2 425 902
Area	3 060 971	2 502 049	Poultry		
Average size of holding	17.8	19.4	Chickens		
			Number of chickens	4 997 208	6 677 887
1 - LAND UTILIZATION					
Utilization of land in holdings (area) ¹			6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Arable land	1 638 579	1 620 252	Selected agricultural equipment owned by the holder		
Land under permanent crops	47 828	41 115	Tractors		
Permanent meadows and pastures ..	2 316 890	2 189 269	Number of tractors	19 162	129 071
Wood or forest land	2 965 605	3 062 670	Reapers and binders		
All other land	757 326	770 582	Number of reapers and binders ..	10 990	18 995
			Threshers		
			Number of threshers	37 203	53 838
2 - CROPS - AREA					
Crops on arable land					
Wheat					
Number of holdings reporting ..	247 618	207 173			
Area	187 221	280 604			
Rye					
Number of holdings reporting ..	266 913	174 649			
Area	208 402	167 219			
Barley					
Number of holdings reporting ..	205 058	179 473			
Area	137 826	198 939			

¹ The 1950 data include 5,735 purely forestry holdings with an area of 171,711 hectares.

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Date of the census and time reference

The sample census was carried out at varying dates according to the different zones of the country (Central and Western zones). The field enumeration (two visits per sector) was conducted according to the following timetable:

Central zone: First visit: November 1959 to
January 1960

Second visit: May to July 1960

Western zone: First visit: May to July 1960

Second visit: November 1960
to January 1961

Data on area cultivated reflected the situation of the two visits, i.e., at the beginning of the dry season with regard to cotton areas and areas of the second planting of food crops and manioc, and at the beginning of the rainy season in respect of the first planting of food crops and manioc.

Method of collection and processing of census data

Census data were collected from a sample of agricultural holdings selected through a two-stage stratified random sampling. Eight strata of different sizes were formed. They were built up, taking into account the ethnic group of the population, the location, and the crops growing on it. Villages in each stratum were further divided into two substrata, those with 500 inhabitants or more, and those with less than 500 inhabitants. From the villages or primary sampling units with less than 500 inhabitants and less than 90 agricultural holdings, 1 holding out

of 15 was selected. For those with more than 90 agricultural holdings, 1 out of 30 was selected. For villages with 500 inhabitants or more, 1 holding out of 15 was selected in each primary sampling unit. At least 2 holdings were selected in each primary unit.

Two visits (time and duration of these visits are given in detail under "Date of the census and time reference") were made to each selected holding to take into account double cropping in some areas. During these two visits, the enumerators, in addition to collecting agricultural data on livestock and poultry, employment in agriculture, and farm population, carried out measurements of crop areas and crop densities. During the second visit measurement of areas and densities was carried out for crops in the second season.

Systematic controls were imposed to verify the formation of primary units and drawing the sample of holdings. Supervisors visited a subsample of 1 holding in every 4 to check the listing of fields and measurement of areas and crop densities.

Processing of data was conducted by manual method.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the person who had the initiative and the technical and economic responsibility for the operation of the holding and who operated the holding directly or through a hired manager. When various persons related

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or associated shared this responsibility, they were considered as one holder for census purposes.

Holding

A holding was considered all land used for agricultural production and operated by a person alone (the holder) or with the assistance of members of his household or other persons.

3 - LIVESTOCK AND POULTRY

Data refer to the number of animals on the holding at the time of the enumeration.

5 - FARM POPULATION

Data refer to the holder, his wives, children and other members of his household. Agricultural workers employed by the holder were also included. Guests were excluded but persons temporarily absent were considered as part of the farm population.

* * *

SOURCE: Central African Republic, Service de la statistique générale. *Enquête agricole en République centrafricaine 1960-1961*. Paris, Ministère de la coopération, INSEE, Service de coopération, 1965.

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Area: in hectares

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	231 500
Cultivated area	529 700
Physical area	450 800

2 - CROPS - AREA

Crops on arable land

Rice

Area 1 300

Millet

Area 45 800

Maize

Area 39 900

Bambara nuts

Area 1 700

Manioc (cassava)

Area 245 400

Sweet potatoes, cocoyams and yams

Area 11 000

Cotton

Area (total) 137 100

Of which:

Grown in pure stand (96 800)

Groundnuts

Area 49 500

Sesame

Area 31 400

Tobacco

Area 1 400

Gourds

Area 47 200

Permanent crops

Bananas

Area 13 800

Coffee

Area 15 900

3 - LIVESTOCK AND POULTRY

Sheep

Number of sheep 13 700

Goats

Number of goats 324 000

Pigs

Number of pigs 20 500

Poultry

Cocks and pullets

Number of cocks and pullets 516 000

4 - EMPLOYMENT IN AGRICULTURE

Persons engaged in agricultural work on the holding

All persons 541 000

5 - FARM POPULATION

Persons living on the holding

All persons 935 000

Of which:

Engaged in agriculture (541 000)

Date of the census and time reference

The agricultural census started on 1 April 1963 and in most cases the field enumeration was concluded a week thereafter. In special areas, however, the enumeration was finished after a month.

Data on land tenure, land utilization, crops (area and production), employment in agriculture, agricultural power and machinery and general transport facilities, irrigation and fertilizers refer to the agricultural year (1 April 1962 to 31 March 1963). The remaining information relates to the date of the census.

Method of collection and processing of census data

The agricultural census was conducted simultaneously with the population and housing censuses by the General Directorate of Statistics and Censuses.

Two different questionnaires were used: the general questionnaire for holdings of 1 *manzana* (0.7 ha) in area and over, and a reduced questionnaire for holdings under 1 *manzana* and for the enumeration of livestock outside the holding.

Previous to the agricultural census, a pilot census was carried out in a province to test the instructions to the enumerators, census questionnaires and other technical and administrative arrangements for the census project.

The enumeration was carried out by direct interview with the holders. The organization of the census was directed by an *ad hoc* central technical body assisted by provincial officers (one for each province). Generally, within each province the technical and administrative responsibilities were shared between officers of zones (groups of counties), county officers, district officers and enumerators. The country was

divided so that each enumeration area could be enumerated in a week's period.

Checking and verifying of census questionnaires started immediately after the enumeration. An evaluation sample survey was carried out after the census.

Tabulation of data was done mechanically.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder is the civil or juridical person who has the technical and economic initiative and is mainly responsible for the operation of the holding. He may operate the holding directly or, especially in the case of juridical persons, exercise these functions through a manager.

Legal status of the holder. The holding was considered as operated by a *civil person* when the holder was an individual, i.e., physical person, or when two or more related or unrelated persons without any juridical contract jointly operated the holding.

It was considered a *corporation* when the holding was operated by a group of persons juridically associated as, for instance, joint-stock corporations, companies, etc.

It was considered a *co-operative* when the holding was operated by a body so constituted according to applicable legislation.

The group *Other* refers to other legal status categories not included in the previous groups.

Holding

A holding was defined, for census purposes, as all land of 1 *manzana* or more in extent used wholly or partly for agricultural production

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where agricultural activities were executed, directed or administered by one person, alone or with the assistance of others.

A holding may consist of one or more plots or parcels, owned or not owned, not necessarily contiguous but located in the same municipality or in adjacent municipalities, provided they form part of the same technical and economic unit.

When a holder operates, within the same municipality or in adjacent municipalities, more than one parcel or large tracts of land divided in various units and placed under the administration and control of different persons (constituting separate technical and economic units), each unit or group of units was considered as a separate holding.

If two or more parcels were located within the same municipality or in adjacent municipalities and were under the direct administration or control of the same person but actually belonged to different owners, each unit or parcel was considered as a separate holding.

Establishments devoted exclusively to the production of wood, firewood, etc., were not considered as agricultural holdings.

Agricultural production included the cultivation of any crop both in the open and under glass (trees, shrubs, and plants of any kind) for food or feed, including nurseries of field crops and trees, flowers and the forest production in parcels of land which formed part of the holding. It also included the production of livestock and livestock products.

Area of the holding. The area of the holding was determined as the sum of the owned area directly operated by the holder and the area taken from others. The size classification was based on the total area of the holding.

Parcel. A parcel was defined as each lot or piece of land surrounded by land, ways, buildings or water of other holdings or not belonging to any holding.

Tenure

Area owned by the holder or in ownerlike possession includes the area of land possessed by the holder by means of a legal title or held under special long-term concessions.

Area rented from others includes all areas for which use the holder paid a fixed amount of money, a share of the produce or were operated rent-free.

Area operated by squatters includes all land operated by holders lacking an ownership title and not paying any rent for it although they retain the total usufruct. Land occupied by squatters may be either private or public property and occupancy occurs without consent of the owner even though it may sometimes be tolerated by him.

Area operated by colonos includes all land adjudicated to holders who are members of legally constituted colonies for which the state is responsible and occasionally directs its activities.

Area operated under other single forms of tenure includes all areas under inheritance procedures and the land areas for which the form of tenure could not be determined.

1 - LAND UTILIZATION

Arable land

This includes all areas under: (a) temporary crops; (b) temporary meadows; (c) market and kitchen gardens; (d) temporarily fallow; and (e) other arable land.

Land under temporary crops

This includes all areas on which crops with a growing cycle of less than one year were harvested during the agricultural year. In the case of successive crops, for land utilization purposes, the area was to be reported only once.

Land under temporary meadows

This includes land under different meadows (sorghum, etc.), for mowing.

Land under market and kitchen gardens

This includes all land with horticultural crops.

Land temporarily fallow

This includes land resting during the census year provided no crops were harvested during the preceding agricultural year.

All other arable land

This includes land on which crops failed and were not cultivated again during the agricultural year. It also includes land under annual crops not yet harvested at the census date.

Land under permanent crops

This category includes all land occupied with crops for various years and which do not need to be planted after each harvest, for instance, banana, coffee, sugarcane, etc., including nurseries of permanent crops.

Permanent meadows and pastures

This includes low natural pastures and high cultivated pastures, e.g., guinea grass, etc.

Wood or forest land

This includes all areas with natural or cultivated trees from which wood, firewood, etc., could be obtained.

All other land

This includes land occupied by bushes, shrubs, vines and, in general, by natural plants which cannot be used for pastures or for the production of firewood or timber. It also includes streams, roads, land occupied by buildings, etc., and all land not reported under any of the previous groups.

2 - CROPS

Data on area of "crops on arable land" refer to the area harvested. For "permanent crops," information refers to the area under crop at the census date. In the case of successive crops the area of crops not yet harvested was excluded.

3 - LIVESTOCK AND POULTRY

Data for this section refer to all animals on the holding on the day of the enumerator's visit,

regardless of ownership. Animals belonging to the holding which on that day were on their way to public places, slaughterhouses, stock markets, etc., or coming from other holdings, public places, etc., were also included. Animals grazing in other agricultural holdings or on their way to other holdings were excluded.

4 - EMPLOYMENT IN AGRICULTURE

Data included all persons, whether paid or not, performing agricultural work on the holding. Persons engaged in domestic work, repairs, sugarcane processing, coffee processing or wood-cutting were excluded.

As permanent workers were considered: (a) the holder, regardless of the time spent in agricultural work on the holding; (b) the holder's relatives and persons working on the holding for more than 6 months during the agricultural year. Temporary workers were considered as the holder's relatives and those persons working on the holding for a period of 3 to less than 6 months during the agricultural year.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data refer to the number of machines owned or not, used on the holding during the agricultural year.

* * *

SOURCES: Costa Rica. Dirección General de Estadística y Censos. *Censo Agropecuario de 1963*. San José, Ministerio de Economía y Hacienda, 1965. For data on 1950 see *Censo Agropecuario de 1950*. San José, Ministerio de Economía y Hacienda, Dirección General de Estadística y Censos, 1953.

NOTE: All information available from the national report has been included in the table "Classified by size of holding." A separate table, "Not classified by size of holding," has therefore been omitted.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	0.7 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 4.1 ha	4.1 and under 10.4 ha	10.4 and under 20.7 ha
		1 and under 1.5 manzanas	1.5 and under 3 manzanas	3 and under 6 manzanas	6 and under 15 manzanas	15 and under 30 manzanas
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	64 621	3 661	7 513	9 915	12 949	9 161
Percentage distribution	100.0	5.7	11.6	15.4	20.0	14.2
Area	2 632 591	2 722	10 633	28 177	84 969	133 231
Percentage distribution	100.0	0.1	0.4	1.1	3.2	5.1
Mode of operation of holdings						
Operated by the holder						
Number	53 777	3 078	6 461	8 583	11 042	7 869
Area	1 357 222	2 292	9 140	24 379	72 469	114 685
Operated through a hired manager						
Number	10 844	583	1 052	1 332	1 907	1 292
Area	1 275 369	430	1 493	3 799	12 500	18 546
Fragmentation						
Number of holdings consisting of:						
1 parcel	40 707	2 931	5 109	6 234	7 762	5 649
2-3 parcels	19 161	702	2 245	3 244	4 229	2 655
4-5 parcels	3 324	23	133	382	739	620
6-9 parcels	1 151	4	22	49	201	207
10 parcels and over	278	1	4	6	18	30
Legal status of the holder						
Holdings operated by:						
Civil persons						
Number	61 317	3 515	7 250	9 599	12 428	8 818
Area	1 862 153	2 614	10 237	27 274	81 491	128 292
Corporations						
Number	2 427	77	141	185	354	239
Area	725 419	56	221	529	2 400	3 443
Co-operatives						
Number	134	5	16	10	25	23
Area	8 123	4	25	30	173	322
Others						
Number	743	64	106	121	142	81
Area	36 896	48	150	344	905	1 174
Number and area of holdings, by tenure						
Holdings operated under one form of tenure						
Holdings owned by the holder or in ownerlike possession						
Number	49 334	2 897	5 376	6 755	9 378	7 115
Area	2 280 489	2 141	7 555	19 114	61 746	103 455
Holdings rented from others (total)						
Number	2 579	480	774	700	383	103
Area	16 858	352	1 067	1 899	2 285	1 433
For a fixed amount of money						
Number	(898)	(165)	(245)	(201)	(131)	(56)
Area	(9 391)	(123)	(336)	(556)	(824)	(806)
For a share of the produce						
Number	(438)	(80)	(150)	(144)	(46)	(8)
Area	(1 355)	(58)	(203)	(375)	(252)	(103)
Gratuitously (rent-free)						
Number	(1 243)	(235)	(379)	(355)	(206)	(39)
Area	(6 112)	(171)	(528)	(968)	(1 209)	(524)
Holdings operated by squatters						
Number	1 597	51	104	210	352	316
Area	34 967	45	167	633	2 434	4 747
Holdings operated by colonos						
Number	149	4	7	18	29	36
Area	3 259	3	10	54	192	607
Holdings operated under other single forms of tenure						
Number	679	33	65	96	140	87
Area	25 658	25	93	270	950	1 310
Holdings operated under more than one form of tenure						
Number	10 283	196	1 187	2 136	2 667	1 504
Area	271 360	156	1 741	6 207	17 362	21 679
Area in holdings, by tenure						
Area owned by the holder or in ownerlike possession						
Area owned by the holder or in ownerlike possession	2 482 894	2 200	8 371	22 327	72 964	119 557
Area rented from others (total)	42 674	244	1 153	2 931	4 799	3 711
For a fixed amount of money	(34 439)	(162)	(690)	(1 641)	(3 155)	(2 695)
For a share of the produce	(8 235)	(82)	(463)	(1 290)	(1 644)	(1 016)
Area operated under other forms of tenure	107 023	280	1 110	2 918	7 207	9 962

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Classified by size of holding

TAL AREA OF HOLDING

.7 and under 3.3 ha	48.3 and under 100.1 ha	100.1 and under 196.7 ha	196.7 and under 483.0 ha	483.0 and under 986.7 ha	986.7 and under 2 415.0 ha	2 415.0 ha and over	
0 and der 70 manzanas	70 and under 145 manzanas	145 and under 285 manzanas	285 and under 700 manzanas	700 and under 1 430 manzanas	1 430 and under 3 500 manzanas	3 500 manzanas and over	
							0 - HOLDER, HOLDING AND TENURE
							Number and area of holdings
11 443	5 754	2 237	1 348	398	183	59	Number
17.7	8.9	3.5	2.1	0.6	0.3	—	Percentage distribution
149 266	381 888	304 063	391 312	266 191	255 008	425 131	Area
13.3	14.5	11.5	14.9	10.1	9.7	16.1	Percentage distribution
							Mode of operation of holdings
							Operated by the holder
9 859	4 519	1 514	691	127	31	3	Number
299 737	297 488	204 604	192 384	82 007	43 813	14 224	Area
							Operated through a hired manager
1 584	1 235	723	657	271	152	56	Number
49 529	84 400	99 459	198 927	184 184	211 195	410 907	Area
							Fragmentation
							Number of holdings consisting of:
7 489	3 377	1 163	659	190	107	37	1 parcel
3 028	1 763	729	401	114	39	12	2-3 parcels
621	393	196	156	44	13	4	4-5 parcels
254	166	109	89	35	11	4	6-9 parcels
51	55	40	43	15	13	2	10 parcels and over
							Legal status of the holder
							Holdings operated by:
							Civil persons
10 952	5 348	1 966	1 085	258	84	14	Number
333 699	353 810	266 733	308 286	168 949	113 529	67 239	Area
							Corporations
366	321	240	239	130	91	44	Number
11 518	22 223	33 170	75 823	90 069	130 835	355 132	Area
							Co-operatives
26	18	3	3	3	2	—	Number
748	1 207	438	701	2 009	2 466	—	Area
							Others
99	67	28	21	7	6	1	Number
3 301	4 648	3 722	6 502	5 164	8 178	2 760	Area
							Number and area of holdings, by tenure
							Holdings operated under one form of tenure
							Holdings owned by the holder or in ownerlike possession
9 189	4 922	1 939	1 180	361	171	51	Number
280 023	326 659	263 498	344 283	240 601	237 078	394 336	Area
							Holdings rented from others (total)
82	33	13	7	1	1	—	Number
2 454	2 353	1 699	1 786	543	987	—	Area
(56)	(29)	(8)	(6)	(1)	(—)	(—)	For a fixed amount of money
(1 715)	(1 944)	(956)	(1 588)	(543)	(—)	(—)	Area
(9)	(—)	(1)	(—)	(—)	(—)	(—)	For a share of the produce
(261)	(—)	(103)	(—)	(—)	(—)	(—)	Area
(17)	(6)	(4)	(1)	(—)	(1)	(—)	Gratuitously (rent-free)
(478)	(409)	(640)	(198)	(—)	(987)	(—)	Area
							Holdings operated by squatters
389	142	25	7	1	—	—	Number
11 640	9 374	3 182	2 055	690	—	—	Area
							Holdings operated by colonos
49	—	3	3	—	—	—	Number
1 386	—	353	654	—	—	—	Area
							Holdings operated under other single forms of tenure
149	45	26	35	3	—	—	Number
4 594	2 950	3 869	9 861	1 736	—	—	Area
							Holdings operated under more than one form of tenure
1 585	610	231	116	32	11	8	Number
49 169	40 552	31 462	32 673	22 621	16 943	30 795	Area
							Area in holdings, by tenure
							Area owned by the holder or in ownerlike possession
318 048	357 379	288 914	368 563	256 185	247 814	420 572	Area owned by the holder or in ownerlike possession
6 413	4 804	3 372	4 424	2 992	3 401	4 430	Area rented from others (total)
(4 847)	(4 288)	(3 029)	(3 992)	(2 850)	(2 660)	(4 430)	For a fixed amount of money
(1 566)	(516)	(343)	(432)	(142)	(741)	(—)	For a share of the produce
24 807	19 704	11 777	18 323	7 013	3 793	129	Area operated under other forms of tenure

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	0.7 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 4.1 ha	4.1 and under 10.4 ha	10.4 and under 20.7 ha
		1 and under 1.5 manzanas	1.5 and under 3 manzanas	3 and under 6 manzanas	6 and under 15 manzanas	15 and under 30 manzanas
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Arable land (total)	404 060	890	3 962	10 415	26 619	36 881
Temporary crops	(143 148)	(646)	(3 024)	(7 830)	(17 389)	(19 282)
Temporary meadows	(21 718)	(17)	(51)	(184)	(708)	(1 143)
Market and kitchen gardens	(1 382)	(35)	(114)	(161)	(253)	(236)
Temporarily fallow	(180 282)	(99)	(424)	(1 406)	(5 829)	(12 277)
All other arable land	(57 530)	(93)	(349)	(834)	(2 440)	(3 943)
Land under permanent crops	197 802	1 404	4 639	10 346	23 339	21 802
Permanent meadows and pastures	923 263	204	1 078	4 679	21 936	41 429
Cultivated	(394 408)	(23)	(116)	(691)	(4 254)	(11 253)
Uncultivated	(528 855)	(181)	(962)	(3 988)	(17 682)	(30 176)
Wood or forest land	808 448	12	99	505	4 282	14 890
All other land	299 019	212	854	2 233	8 792	18 228
2 - CROPS - AREA AND PRODUCTION						
Crops on arable land						
Rice						
Number of holdings reporting	18 787	180	910	1 884	3 085	3 094
Area	49 834	95	616	1 752	3 998	4 896
Production (husked)	39 934	78	469	1 336	2 854	3 535
Maize						
Number of holdings reporting	31 001	749	2 407	4 073	6 427	5 153
Area	52 370	404	1 736	3 994	8 342	8 481
Production	55 894	551	2 088	4 505	9 059	8 734
Edible dry beans						
Number of holdings reporting	26 910	554	1 965	3 437	5 302	4 430
Area	43 247	260	1 237	3 135	6 662	6 895
Production	15 961	107	458	1 149	2 292	2 395
Potatoes						
Number of holdings reporting	748	46	82	129	175	114
Area	1 711	26	65	133	323	334
Production	16 664	221	489	1 546	3 432	2 672
Manioc (cassava)						
Number of holdings reporting	4 773	73	227	448	960	899
Area	2 261	17	66	138	399	449
Production	6 299	49	156	389	1 019	1 510
Sweet potatoes						
Number of holdings reporting	309	20	35	51	69	41
Area	123	5	15	17	31	19
Production	427	19	73	64	106	48
Onions						
Number of holdings reporting	379	23	84	67	79	47
Area	209	7	32	38	38	54
Production	1 739	97	339	237	274	503
Garlic						
Number of holdings reporting	200	5	15	37	51	35
Area	58	1	5	8	14	15
Production	112	2	8	24	24	33
Sugarcane						
Number of holdings reporting	16 356	460	1 257	2 150	3 679	2 833
Area	34 545	155	529	1 346	3 242	3 258
Production	1 083 783	3 465	11 541	30 852	75 601	77 306
Cotton						
Number of holdings reporting	56	—	—	2	4	5
Area	3 135	—	—	3	2	5
Production (ginned)	2 046	—	—	2	1	5
Groundnuts (peanuts)						
Number of holdings reporting	266	6	30	37	72	43
Area	291	2	16	27	58	37
Production	259	1	16	25	57	38
Sesame						
Number of holdings reporting	67	—	4	8	12	14
Area	137	—	4	11	14	22
Production	64	—	3	6	9	11

COSTA RICA

Classified by size of holding

TOTAL AREA OF HOLDING

7 and under 3 ha	48.3 and under 100.1 ha	100.1 and under 196.7 ha	196.7 and under 483.0 ha	483.0 and under 986.7 ha	986.7 and under 2 415.0 ha	2 415.0 ha and over	
and under 70 manzanas	70 and under 145 manzanas	145 and under 285 manzanas	285 and under 700 manzanas	700 and under 1 430 manzanas	1 430 and under 3 500 manzanas	3 500 manzanas and over	
							1 - LAND UTILIZATION
							Utilization of land in holdings (area)
13 877	71 576	44 194	43 836	24 533	25 826	31 451	Arable land (total)
14 727)	(23 940)	(12 328)	(10 286)	(4 973)	(4 071)	(4 652)	Temporary crops
3 162)	(4 011)	(3 412)	(4 030)	(3 137)	(1 065)	(798)	Temporary meadows
(319)	(184)	(38)	(23)	(9)	(10)	(—)	Market and kitchen gardens
16 238)	(35 293)	(22 731)	(24 144)	(9 453)	(13 206)	(19 182)	Temporarily fallow
9 431)	(8 148)	(5 685)	(5 353)	6 961)	(7 474)	(6 819)	All other arable land
9 773)	24 253	14 798	25 762	18 610	19 007	4 069	Land under permanent crops
9 494)	135 990	128 798	169 749	117 486	92 324	100 096	Permanent meadows and pastures
16 908)	(56 120)	(58 607)	(84 470)	(53 554)	(50 281)	(38 131)	Cultivated
12 586)	(79 870)	(70 191)	(85 279)	(63 932)	(42 043)	(61 965)	Uncultivated
13 398)	98 400	83 265	113 628	81 460	97 858	240 651	Wood or forest land
12 724)	51 671	33 006	38 336	24 104	19 992	48 867	All other land
							2 - CROPS - AREA AND PRODUCTION
							Crops on arable land
							Rice
5 268	2 777	982	432	116	41	18	Number of holdings reporting
10 313	8 366	5 398	5 443	3 502	2 045	3 410	Area
7 452	6 258	4 749	4 353	3 116	1 666	4 068	Production (husked)
							Maize
6 909	3 371	1 194	548	117	40	13	Number of holdings reporting
13 360	8 315	3 714	2 163	789	491	581	Area
13 224	8 606	3 802	2 348	1 200	889	868	Production
							Edible dry beans
6 447	3 146	1 059	458	88	22	2	Number of holdings reporting
12 263	7 570	3 106	1 538	399	179	3	Area
4 686	2 829	1 240	644	131	27	3	Production
							Potatoes
119	52	14	15	—	1	1	Number of holdings reporting
391	251	68	112	—	1	7	Area
3 951	2 728	588	954	—	17	66	Production
							Manioc (cassava)
1 209	560	239	122	27	9	—	Number of holdings reporting
583	393	127	53	27	9	—	Area
1 518	1 159	291	101	61	46	—	Production
							Sweet potatoes
51	26	8	7	1	—	—	Number of holdings reporting
23	7	2	4	—	—	—	Area
81	14	9	13	—	—	—	Production
							Onions
46	20	6	3	4	—	—	Number of holdings reporting
25	8	3	2	2	—	—	Area
186	44	28	23	8	—	—	Production
							Garlic
36	10	5	4	2	—	—	Number of holdings reporting
11	2	1	1	—	—	—	Area
16	5	—	—	—	—	—	Production
							Sugarcane
3 301	1 640	586	313	92	34	11	Number of holdings reporting
4 475	3 688	2 333	4 541	6 670	3 924	384	Area
15 820	94 406	79 869	197 807	208 969	179 766	8 381	Production
							Cotton
8	7	7	9	3	7	4	Number of holdings reporting
33	131	265	904	173	1 173	446	Area
13	105	104	869	152	581	214	Production (ginned)
							Groundnuts (peanuts)
42	21	11	4	—	—	—	Number of holdings reporting
50	33	55	13	—	—	—	Area
43	35	32	12	—	—	—	Production
							Sesame
14	9	3	3	—	—	—	Number of holdings reporting
41	18	7	20	—	—	—	Area
13	9	5	8	—	—	—	Production

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	0.7 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 4.1 ha	4.1 and under 10.4 ha	10.4 and under 20.7 ha
		1 and under 1.5 manzanas	1.5 and under 3 manzanas	3 and under 6 manzanas	6 and under 15 manzanas	15 and under 30 manzanas
Tobacco						
Number of holdings reporting	1 631	139	329	341	402	210
Area	1 430	77	213	262	385	225
Production	1 320	72	203	237	347	215
Cabbage						
Number of holdings reporting	388	19	30	61	94	58
Area	214	5	12	28	48	39
Production	1 615	63	56	233	399	321
Tomatoes						
Number of holdings reporting	523	39	112	106	122	54
Area	226	13	39	43	67	32
Production	1 714	143	302	353	421	172
Permanent crops						
Oranges						
Number of holdings reporting	21 139	823	1 849	2 672	4 171	3 330
Area (total)	627	12	26	38	97	92
Under trees of productive age	(357)	(8)	(16)	(20)	(59)	(61)
Under trees of nonproductive age	(270)	(4)	(10)	(18)	(38)	(31)
Number of scattered trees	332 686	6 571	18 789	31 524	61 380	60 221
Number of fruits (in thousands)	222 497	5 506	19 210	18 883	40 799	28 549
Bananas (grown alone)						
Number of holdings reporting	8 816	85	270	578	1 370	1 498
Area (total)	25 219	23	91	284	1 006	1 413
Under plants of productive age	(20 912)	(17)	(68)	(185)	(685)	(981)
Under plants of nonproductive age	(4 307)	(6)	(23)	(99)	(321)	(432)
Number of bunches (in thousands)	13 396	11	39	136	345	493
Plantains (grown alone)						
Number of holdings reporting	6 653	96	259	537	1 085	1 134
Area (total)	7 193	42	127	333	820	966
Under plants of productive age	(5 361)	(28)	(93)	(245)	(592)	(700)
Under plants of nonproductive age	(1 832)	(14)	(34)	(88)	(228)	(266)
Number of bunches (in thousands)	3 830	14	57	191	360	401
Plantains (in association)						
Number of holdings reporting	30 804	2 001	4 124	5 236	6 793	4 452
Number of scattered plants	27 532 338	379 061	1 185 178	2 335 587	4 652 291	3 869 962
Number of bunches (in thousands)	8 857	107	387	802	1 586	1 459
Pineapples						
Number of holdings reporting	4 480	129	272	513	902	790
Area (total)	1 011	14	34	118	211	196
Under plants of productive age	(561)	(8)	(18)	(71)	(118)	(114)
Under plants of nonproductive age	(450)	(6)	(16)	(47)	(93)	(82)
Number of scattered plants	1 304 646	23 162	45 899	152 959	301 278	176 376
Number of fruits (in thousands)	27 941	422	873	2 576	11 374	4 554
Papaya						
Number of holdings reporting	3 121	89	223	366	606	510
Area (total)	190	4	3	10	28	14
Under trees of productive age	(100)	(2)	(—)	(8)	(23)	(7)
Under trees of nonproductive age	(90)	(2)	(3)	(2)	(5)	(7)
Number of scattered trees	60 309	609	1 835	3 892	20 567	5 217
Production	2 358	54	34	138	511	142
Coffee						
Number of holdings reporting	29 775	2 001	4 102	5 177	6 601	4 242
Area (total)	80 300	1 077	3 365	6 564	12 959	11 228
Under trees of productive age	(71 735)	(973)	(3 041)	(5 833)	(11 505)	(9 995)
Under trees of nonproductive age	(8 565)	(104)	(324)	(731)	(1 454)	(1 233)
Production (cherries)	259 988	2 672	8 434	16 639	34 895	33 241
Cocoa						
Number of holdings reporting	4 745	85	249	612	1 185	872
Area (total)	37 378	69	368	1 473	4 356	3 876
Under trees of productive age	(29 516)	(46)	(263)	(1 081)	(3 080)	(2 642)
Under trees of nonproductive age	(7 862)	(23)	(105)	(392)	(1 276)	(1 234)
Production (dry weight)	15 784	15	70	267	930	1 025
Coconuts						
Number of holdings reporting	4 812	108	223	450	861	815
Area (total)	1 780	13	30	91	359	244
Under trees of productive age	(924)	(9)	(12)	(55)	(220)	(103)
Under trees of nonproductive age	(856)	(4)	(18)	(36)	(139)	(141)
Number of scattered trees	92 546	939	2 868	5 777	12 717	12 338
Number of nuts (in thousands)	19 239	38	511	610	3 328	1 934

COSTA RICA

Classified by size of holding

TOTAL AREA OF HOLDING

7 and under 1.3 ha	48.3 and under 100.1 ha	100.1 and under 196.7 ha	196.7 and under 483.0 ha	483.0 and under 986.7 ha	986.7 and under 2 415.0 ha	2 415.0 ha and over	
Number of holdings reporting	Number of holdings reporting	Number of holdings reporting	Number of holdings reporting	Number of holdings reporting	Number of holdings reporting	Number of holdings reporting	
147	46	12	4	1	—	—	Tobacco
157	70	23	18	—	—	—	Number of holdings reporting
134	65	33	14	—	—	—	Area
							Production
							Cabbage
71	33	15	6	1	—	—	Number of holdings reporting
43	23	14	2	—	—	—	Area
287	170	63	23	—	—	—	Production
							Tomatoes
51	21	9	5	4	—	—	Number of holdings reporting
17	6	4	2	3	—	—	Area
195	43	57	15	13	—	—	Production
							Permanent crops
							Oranges
4 374	2 344	894	477	140	48	17	Number of holdings reporting
123	101	51	43	24	6	14	Area (total)
(69)	(47)	(30)	(29)	(14)	(4)	(...)	Under trees of productive age
(54)	(54)	(21)	(14)	(10)	(2)	(14)	Under trees of nonproductive age
66 136	42 619	21 223	12 750	6 155	4 434	884	Number of scattered trees
35 828	37 542	15 250	8 552	10 263	2 048	67	Number of fruits (in thousands)
							Bananas (grown alone)
2 575	1 433	563	320	88	25	11	Number of holdings reporting
3 291	3 034	1 375	8 476	3 565	860	1 801	Area (total)
(2 267)	(2 323)	(974)	(7 509)	(3 422)	(797)	(1 684)	Under plants of productive age
(1 024)	(711)	(401)	(967)	(143)	(63)	(117)	Under plants of nonproductive age
1 304	1 279	506	4 684	1 828	369	2 402	Number of bunches (in thousands)
							Plantains (grown alone)
1 807	968	420	240	70	29	8	Number of holdings reporting
1 800	1 185	619	706	271	257	67	Area (total)
(1 332)	(903)	(462)	(556)	(201)	(205)	(44)	Under plants of productive age
(468)	(282)	(157)	(150)	(70)	(52)	(23)	Under plants of nonproductive age
964	786	312	353	113	79	200	Number of bunches (in thousands)
							Plantains (in association)
4 712	2 142	796	396	99	39	14	Number of holdings reporting
155 872	4 294 336	1 469 585	1 737 811	1 657 944	332 455	262 256	Number of scattered plants
1 783	1 319	680	336	278	117	3	Number of bunches (in thousands)
							Pineapples
1 060	523	170	76	25	15	5	Number of holdings reporting
216	133	62	13	8	4	2	Area (total)
(111)	(83)	(20)	(9)	(7)	(1)	(1)	Under plants of productive age
(105)	(50)	(42)	(4)	(1)	(3)	(1)	Under plants of nonproductive age
209 632	239 610	32 310	80 721	33 409	8 730	560	Number of scattered plants
2 951	2 169	1 583	1 232	86	105	16	Number of fruits (in thousands)
							Papaya
701	374	140	76	27	8	1	Number of holdings reporting
29	40	16	14	31	1	—	Area (total)
(21)	(21)	(9)	(6)	(3)	(—)	(—)	Under trees of productive age
(8)	(19)	(7)	(8)	(28)	(1)	(—)	Under trees of nonproductive age
11 422	8 708	4 829	2 849	259	107	15	Number of scattered trees
646	366	171	149	142	5	—	Production
							Coffee
4 382	2 008	747	371	91	42	11	Number of holdings reporting
13 587	10 900	6 101	6 407	4 819	2 407	886	Area (total)
(12 040)	(10 006)	(5 661)	(5 502)	(4 456)	(2 312)	(411)	Under trees of productive age
(1 547)	(894)	(440)	(905)	(363)	(95)	(475)	Under trees of nonproductive age
42 844	39 650	26 954	23 883	19 956	9 823	997	Production (cherries)
							Cocoa
1 025	425	141	85	37	25	4	Number of holdings reporting
5 077	3 978	3 587	5 224	2 654	5 883	833	Area (total)
(3 391)	(3 068)	(3 145)	(4 515)	(1 709)	(5 748)	(828)	Under trees of productive age
(1 686)	(910)	(442)	(709)	(945)	(135)	(5)	Under trees of nonproductive age
900	1 926	729	1 399	3 033	5 215	275	Production (dry weight)
							Coconuts
1 137	651	257	194	78	26	12	Number of holdings reporting
234	146	307	268	37	29	22	Area (total)
(138)	(84)	(146)	(105)	(9)	(29)	(14)	Under trees of productive age
(96)	(62)	(161)	(163)	(28)	(—)	(8)	Under trees of nonproductive age
15 483	16 462	15 759	4 483	3 516	1 069	1 135	Number of scattered trees
3 419	1 708	969	4 254	1 752	85	631	Number of nuts (in thousands)

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	0.7 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 4.1 ha	4.1 and under 10.4 ha	10.4 and under 20.7 ha
		1 and under 1.5 manzanas	1.5 and under 3 manzanas	3 and under 6 manzanas	6 and under 15 manzanas	15 and under 30 manzanas
Oil palm						
Number of holdings reporting	24	—	—	2	2	1
Area (total)	4 989	—	—	4	2	8
Under trees of productive age	(4 201)	(—)	(—)	(—)	(—)	(8)
Under trees of nonproductive age	(788)	(—)	(—)	(4)	(2)	(—)
Production	42 415	—	—	—	—	2
Fique						
Number of holdings reporting	411	17	43	68	96	65
Area (total)	693	5	18	35	76	57
Under plants of productive age	(468)	(2)	(12)	(24)	(54)	(46)
Under plants of nonproductive age	(225)	(3)	(6)	(11)	(22)	(11)
Production	272	1	7	14	28	36
3 - LIVESTOCK AND POULTRY						
Horses, mules and asses						
Horses						
Total number of horses	100 145	553	1 842	4 331	10 722	12 087
Horses under 3 years of age	(24 270)	(141)	(412)	(1 069)	(2 608)	(2 875)
Horses 3 years of age and over	(75 875)	(412)	(1 430)	(3 262)	(8 114)	(9 212)
Mules and asses						
Number of mules and asses	7 388	13	45	108	260	362
Cattle						
Number of holdings reporting	37 167	683	1 967	3 798	7 466	6 348
Total number of cattle	1 051 094	2 081	6 581	15 627	44 963	64 418
Male	(415 343)	(671)	(2 040)	(4 901)	(14 664)	(21 841)
Female	(635 751)	(1 410)	(4 541)	(10 726)	(30 299)	(42 577)
Cattle under 2 years of age	485 512	997	2 992	7 130	20 534	30 725
Male	(235 490)	(475)	(1 392)	(3 149)	(9 359)	(14 306)
Female	(250 022)	(522)	(1 600)	(3 981)	(11 175)	(16 419)
Calves under 1 year of age	243 284	641	2 037	4 726	12 953	18 105
Young stock 1 year of age and under 2 years	242 228	356	955	2 404	7 581	12 620
Cattle 2 years of age and over	565 582	1 084	3 589	8 497	24 429	33 693
Male	(179 853)	(196)	(648)	(1 752)	(5 305)	(7 535)
Female	(385 729)	(888)	(2 941)	(6 745)	(19 124)	(26 158)
Cows and heifers	385 729	888	2 941	6 745	19 124	26 158
Used mainly for milk production	(288 368)	(857)	(2 721)	(6 351)	(17 801)	(23 911)
Used mainly for meat production	(97 361)	(31)	(220)	(394)	(1 323)	(2 247)
Bulls used for service	20 510	5	35	116	587	1 361
Other cattle	159 343	191	613	1 636	4 718	6 174
Used mainly for meat production	(128 367)	(24)	(82)	(314)	(1 009)	(1 759)
Used as draft animals	(30 976)	(167)	(531)	(1 322)	(3 709)	(4 415)
Daily milk production (liters)	357 165	1 110	3 661	8 830	23 372	29 049
Daily cheese production (kg)	7 977	10	12	51	208	375
Daily butter production (kg)	910	—	1	12	43	37
Number of holdings reporting specified number of cattle						
1 head	2 266	138	375	548	631	240
2-4 head	11 164	446	1 219	2 216	3 340	1 766
5-10 head	9 197	89	316	821	2 516	2 226
11-20 head	5 685	7	46	173	749	1 429
21-50 head	4 934	2	11	37	216	627
51-100 head	2 056	1	—	2	13	55
101-200 head	1 058	—	—	1	1	5
201-500 head	599	—	—	—	—	—
501 head and over	208	—	—	—	—	—
Pigs						
Number of holdings reporting	28 967	724	1 943	3 120	5 258	4 638
Total number of pigs	145 322	1 974	5 190	9 459	17 741	18 435
Pigs under 6 months of age	(74 527)	(946)	(2 619)	(4 966)	(9 413)	(9 538)
Pigs 6 months of age and over	(70 795)	(1 028)	(2 571)	(4 493)	(8 328)	(8 897)
Sows and gilts for breeding	(24 760)	(281)	(768)	(1 441)	(2 720)	(3 154)
All other pigs	(46 035)	(747)	(1 803)	(3 052)	(5 608)	(5 743)
Poultry						
Total number of chickens, cocks, pullets and hens	1 809 759	120 632	256 041	73 620	521 908	228 050
Chickens and pullets under 6 months of age	(884 083)	(62 970)	(133 651)	(31 547)	(278 430)	(102 546)
Cocks and hens 6 months of age and over	(925 676)	(57 662)	(122 390)	(42 073)	(243 478)	(125 504)
Ducks and geese	28 078	731	2 219	2 534	4 354	3 733
Turkeys	21 320	386	987	1 930	3 561	3 102
Daily egg production (number)	345 434	27 402	54 574	42 421	62 327	44 081
Bees						
Number of holdings reporting	1 821	61	160	245	378	297
Number of beehives	21 873	866	1 268	2 295	3 564	2 610
Honey production (liters)	274 895	9 456	7 347	17 560	45 709	37 589

COSTA RICA

Classified by size of holding

TOTAL AREA OF HOLDING

7 and under 0.3 ha	48.3 and under 100.1 ha	100.1 and under 196.7 ha	196.7 and under 483.0 ha	483.0 and under 986.7 ha	986.7 and under 2 415.0 ha	2 415.0 ha and over
Manzanas	70 and under 145 manzanas	145 and under 285 manzanas	285 and under 700 manzanas	700 and under 1 430 manzanas	1 430 and under 3 500 manzanas	3 500 manzanas and over
2	2	4	1	2	8	—
(—)	(—)	(—)	(—)	(—)	(4 945)	(—)
(—)	(1)	(9)	(—)	(20)	(752)	(—)
—	—	—	—	—	42 413	—
65	32	12	6	1	5	1
78	98	117	144	27	32	6
(48)	(29)	(74)	(138)	(27)	(14)	(—)
(30)	(69)	(43)	(6)	(—)	(18)	(6)
44	27	74	4	24	13	—
21 281	16 038	9 537	8 175	4 685	3 892	7 002
(4 982)	(3 793)	(2 322)	(1 990)	(1 086)	(1 144)	(1 848)
16 299)	(12 245)	(7 215)	(6 185)	(3 599)	(2 748)	(5 154)
733	834	915	1 353	1 259	990	516
8 455	4 720	1 971	1 191	356	159	53
45 519	159 065	145 139	169 843	106 877	89 030	101 951
49 000)	(56 150)	(53 033)	(76 583)	(48 430)	(40 995)	(47 035)
96 519)	(102 915)	(92 106)	(93 260)	(58 447)	(48 035)	(54 916)
71 113	78 161	71 264	78 274	46 433	36 200	41 689
32 617)	(36 502)	(33 724)	(40 960)	(24 041)	(18 025)	(20 940)
38 496)	(41 659)	(37 540)	(37 314)	(22 392)	(18 175)	(20 749)
39 433	41 019	35 006	35 158	20 835	15 416	17 955
31 680	37 142	36 258	43 116	25 598	20 784	23 734
74 406	80 904	73 875	91 569	60 444	52 830	60 262
16 383)	(19 648)	(19 309)	(35 623)	(24 389)	(22 970)	(26 095)
58 023)	(61 256)	(54 566)	(55 946)	(36 055)	(29 860)	(34 167)
58 023	61 256	54 566	55 946	36 055	29 860	34 167
52 272)	(54 078)	(42 742)	(41 996)	(23 304)	(17 554)	(4 781)
(5 751)	(7 178)	(11 824)	(13 950)	(12 751)	(12 306)	(29 386)
3 731	3 791	2 856	2 630	1 580	1 574	2 244
12 652	15 857	16 453	32 993	22 809	21 396	23 851
(5 557)	(10 481)	(13 390)	(30 452)	(21 284)	(20 713)	(23 302)
(7 095)	(5 376)	(3 063)	(2 541)	(1 525)	(683)	(549)
58 939	62 744	51 931	50 290	38 681	20 381	8 177
1 343	2 001	1 739	1 411	390	355	82
60	84	115	370	85	103	—
244	67	10	10	1	2	—
1 537	470	101	53	12	3	1
2 200	787	158	66	16	1	1
2 066	903	226	64	16	5	1
1 975	1 425	450	151	31	9	—
379	835	523	205	31	10	2
51	214	388	334	53	10	1
3	19	112	293	113	50	9
—	—	3	15	83	69	38
7 055	3 728	1 435	781	191	72	22
35 062	27 025	14 150	10 124	3 677	1 768	717
(18 290)	(13 719)	(7 461)	(4 742)	(1 759)	(757)	(317)
(16 772)	(13 306)	(6 689)	(5 382)	(1 918)	(1 011)	(400)
(6 035)	(4 803)	(2 491)	(1 838)	(711)	(356)	(162)
(10 737)	(8 503)	(4 198)	(3 544)	(1 207)	(655)	(238)
317 797	165 153	69 303	37 216	11 766	6 834	1 439
(46 961)	(74 288)	(30 503)	(15 600)	(4 523)	(2 688)	(376)
170 836)	(90 865)	(38 800)	(21 616)	(7 243)	(4 146)	(1 063)
5 792	3 590	1 977	1 988	637	323	200
5 264	3 420	1 458	800	228	152	32
59 787	30 197	12 181	7 658	2 675	1 836	295
349	187	75	39	17	9	4
4 192	2 501	1 199	944	588	1 075	771
57 879	28 410	9 429	19 124	14 138	13 048	15 206

Oil palm

Number of holdings reporting
Area (total)
Under trees of productive age
Under trees of nonproductive age
Production

Fique

Number of holdings reporting
Area (total)
Under plants of productive age
Under plants of nonproductive age
Production

3 - LIVESTOCK AND POULTRY

Horses, mules and asses

Horses
Total number of horses
Horses under 3 years of age
Horses 3 years of age and over

Mules and asses
Number of mules and asses

Cattle

Number of holdings reporting
Total number of cattle
Male
Female
Cattle under 2 years of age
Male
Female
Calves under 1 year of age
Young stock 1 year of age and under 2 years
Cattle 2 years of age and over
Male
Female
Cows and heifers
Use mainly for milk production
Used mainly for meat production
Bulls used for service
Other cattle
Used mainly for meat production
Used as draft animals

Daily milk production (liters)

Daily cheese production (kg)

Daily butter production (kg)

Number of holdings reporting specified number of cattle

1 head
2-4 head
5-10 head
11-20 head
21-50 head
51-100 head
101-200 head
201-500 head
501 head and over

Pigs

Number of holdings reporting
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

Poultry

Total number of chickens, cocks, pullets and hens
Chickens and pullets under 6 months of age
Cocks and hens 6 months of age and over
Ducks and geese
Turkeys
Daily egg production (number)

Bees

Number of holdings reporting
Number of beehives
Honey production (liters)

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	0.7 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 4.1 ha	4.1 and under 10.4 ha	10.4 and under 20.7 ha
		1 and under 1.5 manzanas	1.5 and under 3 manzanas	3 and under 6 manzanas	6 and under 15 manzanas	15 and under 30 manzanas
4 - EMPLOYMENT IN AGRICULTURE						
Persons employed in agricultural work on the holding						
All persons	254 095	6 907	15 562	24 998	37 397	29 195
Permanent workers	(139 743)	(4 534)	(9 760)	(14 030)	(20 988)	(16 766)
Temporary workers	(114 352)	(2 353)	(5 802)	(10 968)	(16 409)	(12 429)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
Use and source of power on the holding						
Number of holdings reporting the use of:						
Mechanical power	4 720	229	511	701	817	600
Animal power	12 153	413	1 046	1 630	2 419	1 922
Animal and mechanical power	1 620	19	99	168	260	230
Human power only	46 128	3 000	5 857	7 416	9 453	6 409
Number of holdings reporting electric power						
Purchased	534	27	56	57	81	53
Produced on own holding	878	10	35	69	99	94
Purchased and produced on own holding	19	—	—	2	2	2
Selected agricultural equipment owned by the holders						
Tractors						
Number of holdings reporting	1 248	4	13	40	102	105
Total number of tractors	2 404	4	13	45	108	116
Wheel tractors	(2 022)	(3)	(10)	(33)	(90)	(109)
Tracklaying tractors	(382)	(1)	(3)	(12)	(18)	(7)
Plows						
Number of holdings reporting	3 866	24	121	236	569	622
Total number of plows	5 070	26	132	257	657	753
Animal-operated	(3 972)	(24)	(125)	(235)	(605)	(676)
Tractor-operated	(1 098)	(2)	(7)	(22)	(52)	(77)
Harrows						
Number of holdings reporting	2 401	55	191	311	397	300
Total number of harrows	2 953	59	217	331	423	385
Owned	(1 524)	(14)	(59)	(70)	(128)	(187)
Not owned	(1 429)	(45)	(158)	(261)	(295)	(198)
Seed drills						
Number of holdings reporting	499	5	8	36	52	48
Total number of seed drills	629	5	14	48	63	51
Owned	(382)	(2)	(10)	(21)	(26)	(14)
Not owned	(247)	(3)	(4)	(27)	(37)	(37)
Sprayers						
Number of holdings reporting	4 014	162	417	527	780	609
Total number of sprayers	7 203	169	462	620	1 101	965
Owned	(5 717)	(83)	(256)	(374)	(834)	(728)
Not owned	(1 486)	(86)	(206)	(246)	(267)	(237)
Dusters						
Number of holdings reporting	941	22	53	100	173	121
Total number of dusters	1 258	22	56	104	192	137
Owned	(1 008)	(8)	(24)	(58)	(143)	(100)
Not owned	(250)	(14)	(32)	(46)	(49)	(37)
Rakes						
Number of holdings reporting	2 133	53	185	260	391	328
Total number of rakes	2 658	81	218	316	479	434
Owned	(1 804)	(50)	(97)	(148)	(294)	(293)
Not owned	(854)	(31)	(121)	(168)	(185)	(141)
Harvesters						
Number of holdings reporting	406	3	7	25	33	39
Total number of harvesters	593	3	9	27	56	80
Owned	(365)	(2)	(5)	(9)	(31)	(48)
Not owned	(228)	(1)	(4)	(18)	(25)	(32)

COSTA RICA

Classified by size of holding

AL AREA OF HOLDING

under 3 ha	48.3 and under 100.1 ha	100.1 and under 196.7 ha	196.7 and under 483.0 ha	483.0 and under 986.7 ha	986.7 and under 2 415.0 ha	2 415.0 ha and over	
under 70 manzanas	70 and under 145 manzanas	145 and under 285 manzanas	285 and under 700 manzanas	700 and under 1 430 manzanas	1 430 and under 3 500 manzanas	3 500 manzanas and over	
							4 - EMPLOYMENT IN AGRICULTURE
							Persons employed in agricultural work on the holding
2 063	31 494	18 153	20 687	12 450	10 244	4 945	All persons
3 535)	(15 653)	(8 344)	(11 180)	(7 171)	(4 796)	(2 966)	Permanent workers
3 528)	(15 841)	(9 809)	(9 507)	(5 279)	(5 448)	(1 979)	Temporary workers
							6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
							Use and source of power on the holding
							Number of holdings reporting the use of:
647	434	269	254	142	81	35	Mechanical power
2 473	1 375	532	256	63	22	2	Animal power
279	199	133	137	59	28	9	Animal and mechanical power
3 044	3 746	1 303	701	134	52	13	Human power only
							Number of holdings reporting electric power
72	81	48	27	20	9	3	Purchased
118	99	83	128	72	44	27	Produced on own holding
3	2	1	1	3	2	1	Purchased and produced on own holding
							Selected agricultural equipment owned by the holders
							Tractors
							Number of holdings reporting
193	182	148	201	134	86	40	Total number of tractors
249	262	229	507	349	323	199	Wheel tractors
(217)	(238)	(198)	(447)	(277)	(249)	(151)	Tracklaying tractors
(32)	(24)	(31)	(60)	(72)	(74)	(48)	
							Plows
							Number of holdings reporting
877	640	321	238	118	68	32	Total number of plows
1 061	811	464	404	271	144	90	Animal-operated
(924)	(668)	(326)	(222)	(107)	(39)	(21)	Tractor-operated
(137)	(143)	(138)	(182)	(164)	(105)	(69)	
							Harrows
							Number of holdings reporting
369	260	182	151	100	54	31	Total number of harrows
403	303	219	236	174	123	80	Owned
(207)	(181)	(140)	(186)	(156)	(118)	(78)	Not owned
(196)	(122)	(79)	(50)	(18)	(5)	(2)	
							Seed drills
							Number of holdings reporting
76	75	63	57	34	25	20	Total number of seed drills
89	79	70	86	40	47	37	Owned
(39)	(38)	(44)	(72)	(35)	(44)	(37)	Not owned
(50)	(41)	(26)	(14)	(5)	(3)	(-)	
							Sprayers
							Number of holdings reporting
573	362	225	178	98	59	24	Total number of sprayers
977	867	589	545	486	326	96	Owned
(776)	(771)	(546)	(503)	(439)	(312)	(95)	Not owned
(201)	(96)	(43)	(42)	(47)	(14)	(1)	
							Dusters
							Number of holdings reporting
144	107	75	62	48	20	16	Total number of dusters
190	177	116	105	88	39	32	Owned
(164)	(152)	(107)	(100)	(87)	(33)	(32)	Not owned
(26)	(25)	(9)	(5)	(1)	(6)	(-)	
							Rakes
							Number of holdings reporting
387	263	122	87	32	14	11	Total number of rakes
433	306	146	117	60	28	40	Owned
(330)	(249)	(121)	(103)	(53)	(28)	(38)	Not owned
(103)	(57)	(25)	(14)	(7)	(-)	(2)	
							Harvesters
							Number of holdings reporting
60	66	56	50	26	24	17	Total number of harvesters
121	78	62	59	29	37	32	Owned
(77)	(29)	(33)	(45)	(23)	(34)	(29)	Not owned
(44)	(49)	(29)	(14)	(6)	(3)	(3)	

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION I

	All sizes of holdings	0.7 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 4.1 ha	4.1 and under 10.4 ha	10.4 and under 20.7 ha
		1 and under 1.5 manzanas	1.5 and under 3 manzanas	3 and under 6 manzanas	6 and under 15 manzanas	15 and under 30 manzanas
Selected agricultural equipment used on the holding						
Holdings reporting the use of:						
Tractors						
<i>Wheel tractors</i>						
Owned	1 127	3	10	30	88	95
Not owned	1 561	47	144	268	333	242
<i>Tracklaying tractors</i>						
Owned	276	1	3	11	15	7
Not owned	353	5	16	34	58	50
Plows						
Animal-operated						
Owned	3 239	22	115	218	528	562
Not owned	2 316	110	345	508	507	348
Tractor-operated						
Owned	771	2	7	21	48	67
Not owned	1 336	32	131	230	276	190
Means used to transport products from holding to first place of sale						
Number of holdings reporting transport mainly:						
On foot	2 113	254	409	361	311	189
On pack animals	11 352	320	936	1 655	2 640	1 964
In carts	11 188	703	1 552	1 999	2 368	1 532
In trucks	11 192	833	1 715	2 061	2 332	1 301
By train	612	9	20	39	114	106
By boat	620	5	22	37	70	94
By plane	20	—	—	1	—	1
By other means	27 524	1 537	2 859	3 762	5 114	3 974
7 - IRRIGATION AND DRAINAGE						
Land actually irrigated						
Number of holdings reporting	1 919	93	199	301	388	302
8 - FERTILIZERS AND SOIL DRESSINGS						
Application of organic and inorganic fertilizers ¹						
Chemical fertilizers						
Area treated	82 744	372	1 376	3 029	6 527	6 346
Amount applied (metric tons)	52 676	218	761	1 703	3 706	3 732
Chemical and inorganic fertilizers						
Area treated	5 749	15	71	219	485	483

¹Data refer to fertilizers applied to coffee, bananas, sugarcane, tobacco, cotton, rice, potatoes and cocoa.

COSTA RICA

Classified by size of holding

TOTAL AREA OF HOLDING

7 and under 100.3 ha	48.3 and under 100.1 ha	100.1 and under 196.7 ha	196.7 and under 483.0 ha	483.0 and under 986.7 ha	986.7 and under 2 415.0 ha	2 415.0 ha and over	
70 and under 145 manzanas	145 and under 285 manzanas	285 and under 700 manzanas	700 and under 1 430 manzanas	1 430 and under 3 500 manzanas	3 500 manzanas and over		
							Selected agricultural equipment used on the holding
							Holdings reporting the use of:
							Tractors
							<i>Wheel tractors</i>
176	168	134	183	120	77	39	Owned
227	138	83	53	20	5	1	Not owned
							<i>Tracklaying tractors</i>
27	24	26	46	38	48	30	Owned
66	41	30	32	13	5	3	Not owned
							Plows
							Animal-operated
781	547	243	147	45	25	6	Owned
313	112	45	20	6	2	—	Not owned
							Tractor-operated
112	115	104	123	90	51	31	Owned
197	130	77	51	16	5	1	Not owned
							Means used to transport products from holding to first place of sale
							Number of holdings reporting transport mainly:
285	133	75	65	20	9	2	On foot
2 294	1 061	336	123	18	5	—	On pack animals
1 713	853	290	150	18	10	—	In carts
1 199	726	383	363	156	85	38	In trucks
122	62	34	56	28	18	4	By train
197	107	49	21	14	2	2	By boat
6	5	2	2	2	—	1	By plane
5 627	2 807	1 068	568	142	54	12	By other means
							7 - IRRIGATION AND DRAINAGE
							Land actually irrigated
256	182	85	64	29	12	8	Number of holdings reporting
							8 - FERTILIZERS AND SOIL DRESSINGS
							Application of organic and inorganic fertilizers ¹
							Chemical fertilizers
8 604	9 450	7 109	16 045	11 318	7 195	5 373	Area treated
5 322	5 869	4 938	10 704	7 908	3 745	4 070	Amount applied (metric tons)
							Chemical and inorganic fertilizers
638	698	624	1 161	568	759	28	Area treated

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

COSTA RICA

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE			Area in holdings, by tenure		
Number and area of holdings, by size			Area owned by the holder or in ownerlike possession	1 715 066	2 482 894
All sizes of holdings			Area rented from others	32 049	42 674
Number	43 086	64 621	Area operated under other single forms of tenure	41 517	107 023
Area	1 788 632	2 632 591			
Holdings 0.7 and under 10.4 ha			1 - LAND UTILIZATION		
Number	23 239	34 038	Utilization of land in holdings (area)		
Area	86 654	126 501	Arable land	220 019	404 060
Holdings 10.4 and under 20.7 ha			Land under permanent crops	130 659	197 802
Number	6 206	9 161	Permanent meadows and pastures ..	617 174	923 263
Area	89 576	133 231	Wood or forest land	569 569	808 448
Holdings 20.7 and under 34.5 ha			All other land	251 211	299 019
Number	5 107	7 435			
Area	130 311	192 259	2 - CROPS - AREA AND PRODUCTION		
Holdings 34.5 and under 69.0 ha			Crops on arable land		
Number	4 703	7 240	Rice		
Area	213 824	337 272	Number of holdings reporting ..	11 462	18 787
Holdings 69.0 and under 120.8 ha			Area	22 670	49 834
Number	1 895	3 267	Production (husked)	18 919	39 934
Area	162 090	282 055	Maize		
Holdings 120.8 and under 172.5 ha			Number of holdings reporting ..	25 950	31 001
Number	725	1 174	Area	54 247	52 370
Area	104 346	166 171	Production	57 522	55 894
Holdings 172.5 and under 345.0 ha			Sugarcane		
Number	638	1 291	Number of holdings reporting ..	11 024	16 356
Area	151 568	301 057	Area	19 606	34 545
Holdings 345.0 and under 690.0 ha			Production	577 363	1 083 783
Number	328	596			
Area	154 775	272 039	Permanent crops		
Holdings 690.0 and under 1 035.0 ha			Coffee		
Number	90	191	Number of holdings reporting ..	15 222	29 775
Area	73 014	155 899	Area	48 187	80 300
Holdings 1 035.0 and under 2 415.0 ha			Cocoa		
Number	106	169	Number of holdings reporting ..	1 847	4 745
Area	147 354	240 976	Production (dry weight)	4 966	15 784
Holdings 2 415.0 ha and over			Coconuts		
Number	49	59	Number of holdings reporting ..	1 173	4 812
Area	475 120	425 131	Number of nuts (in thousands) ..	6 889	19 239
Average size of holding	41.5	40.7			
Number and area of holdings, by tenure			3 - LIVESTOCK AND POULTRY		
Holdings operated under one form of tenure			Horses		
Holdings owned by the holder or in ownerlike possession			Number of horses	77 602	100 145
Number	34 935	49 334	Mules and asses		
Area	1 605 028	2 280 489	Number of mules and asses	8 247	7 388
Holdings rented from others			Cattle		
Number	2 323	2 579	Number of cattle	607 857	1 051 094
Area	18 951	16 858	Pigs		
Holdings operated by squatters			Number of pigs	115 078	145 322
Number	368	1 597			
Area	6 921	34 967	6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Holdings operated by colonos			Selected agricultural equipment on the holding (number)		
Number	227	149	Tractors	456	2 404
Area	6 133	3 259			
Holdings operated under other single forms of tenure					
Number	326	679			
Area	7 440	25 658			
Holdings operated under more than one form of tenure					
Number	4 907	10 283			
Area	144 159	271 360			

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Date of the census and time reference

The agricultural census was conducted from 9 to 15 August 1960.

Data on employment in agriculture refer to the week preceding enumeration; data on area and production of crops, agricultural machinery, use of fertilizers and irrigation refer to the census year, i.e., the period ending 9 August 1960. The time reference for the rest of the information was the date of the enumeration.

Method of collection and processing of census data

Prior to the census enumeration, a pilot census was carried out to test the census questionnaires and instructions and as a basis for the proper planning of the forthcoming census. In accordance with the experience gained through the pilot census, modifications were introduced in the questionnaires and instructions to enumerators.

In order to co-ordinate the procedure, a Census Committee was established in each municipality and in each municipal district.

Two different census questionnaires were used: the general questionnaire for all agricultural holdings, and one special questionnaire for collecting data on areas under sugarcane, the production of which was destined for sugar mills.

Although the census was based on complete enumeration of agricultural holdings, only a sample of questionnaires was tabulated after verification. For sample selection, questionnaires were stratified by size of holdings. The size classes were as follows :

- (a) Under 16 *tareas*¹
- (b) 16 and under 32

- (c) 32 and under 80
- (d) 80 and under 160
- (e) 160 and under 320
- (f) 320 *tareas* and over

A 1 percent sample was taken for the size classes (a) and (b), a 10 percent sample for size classes (c), (d) and (e), while all holdings from class (f) were selected in the sampling. Sample selection was systematic. Data were processed by means of the punch-card method.

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the civil or juridical person who had the economic and technical initiative and main responsibility for the operation of the holding and who operated it alone or with the assistance of others.

Where the holding was operated by two or more associated persons, without any legal contract, these were considered as one person and one of them was recorded as the holder representing the two or more associated persons.

Main occupation of the holder. As main occupation of the holder was considered the one at which he spent most of his working time.

Legal status of the holder. The holding was considered as operated by a *civil person* when the holder was an individual, i.e., physical person or a group of persons without any contract of a legal nature.

It was considered a *corporation* when the operation of the holding was carried out by a commercial company constituted according to existing legislation.

It was considered a *co-operative* when the holding was operated by a body so constituted according to applicable legislation.

¹ 1 *tarea* = 0.0629 hectare.

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Government holdings were considered those operated by the Government or municipal authorities.

The group *Other* refers to other legal status categories not included in the previous groups.

Holding

A holding was defined, for census purposes, as all land consisting of one or more contiguous pieces of land, located in one single municipality or urban area, devoted entirely or partly to agricultural and/or livestock and poultry production, regardless of the size or form of tenure of the land, provided it was under the direction of the same person (holder), whether he was a physical or juridical person who operated it alone or with the assistance of others.

In case the holding was located in two or more different districts, it was enumerated in the district where most of the land was located or where the operational center (the holder's dwelling) was located, provided the holder was living on the holding.

Total area of the holding. The total area of the holding was considered as the sum of all areas constituting the holding. The classification of holdings by size was based on the total area of the holding.

Tenure

No questions on mixed forms of tenure were included in the census questionnaires.

Area owned by the holder or in ownerlike possession includes the area possessed by the holder by means of a legal title.

Area rented from others includes all areas for which use the holder paid in cash, kind or in a share of the produce, i.e., a third, a half, a fourth, etc. This category also includes those areas for which use the holder had no obligation to pay any rent (rent-free).

Area operated under colonato includes all areas operated by the holder as a *colono* of the agricultural colonies of the state.

Area operated under other single forms of tenure includes all areas operated in concession by the holder, i.e., land conceded by the state

to a person for agricultural production through a previous agreement between the two parties. It also includes all areas operated under other forms of tenure not belonging to any of the previous categories.

1 - LAND UTILIZATION

Arable land

This includes all areas under: (a) temporary crops; (b) temporarily fallow.

Land under temporary crops

This includes all areas under crops whose growing cycle is less than one year and need to be planted again after the harvest of each crop. Examples of these crops are maize, potatoes, rice, onions, groundnuts, tobacco, yams, etc.

Land temporarily fallow

This includes all areas that, after being cultivated for some time, were resting at the date of the census.

Land under permanent crops

This category includes all areas with permanent crops, such as trees and shrubs; this land does not need to be reconditioned or sown after each harvest. Examples of such crops are cocoa, coffee, plantains, sugarcane, oranges, coconuts, avocados, mangoes, pineapples, breadfruit, etc.

Natural and cultivated pastures

This includes all areas occupied with natural pastures and cultivated pastures, such as savanna land and permanent meadows on which grass is growing for feeding animals.

Wood or forest land

This includes all areas covered with woods or forests.

All other land

This includes land not included in any one of the previous categories.

2 - CROPS

Data for area of crops on arable land refer in most cases to the area sown. The area sown

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includes not only the area under a certain crop at the census date but also the aggregate of the area already sown and harvested during the census year. Data for area of permanent crops refer to the area under crop at the census date. Information on production covers the total quantities harvested during the census year.

3 - LIVESTOCK AND POULTRY

Data refer to all animals on the holding at the census date, whether owned or not, including animals bought by the holder but not yet arrived at the holding at the same date. Animals sold were excluded from the census even if still on the holding on the census date. Animals grazing on savanna land (not forming part of the holding) or on state land were also included.

4 - EMPLOYMENT IN AGRICULTURE

Data refer to the holder, and members of his family, whether paid or unpaid, engaged in agricultural work on the holding, except those performing domestic work.

Persons working on a contractual basis in the construction of stables, houses, canals, etc., and drivers of hired agricultural machinery were excluded.

As unpaid workers were included the holder (regardless of the time spent on agricultural work) and members of his family working on the holding.

As paid workers were included those persons receiving wages in cash or in kind and working

on the holding during the week prior to the enumeration.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data refer to the number of agricultural machinery used on the holding during the census year, whether owned by the holder or not.

7 - IRRIGATION AND DRAINAGE

Data refer to the area of land actually irrigated during the year, i.e., land to which water, other than rain, has been provided by artificial means for agricultural purposes.

8 - FERTILIZERS AND SOIL DRESSINGS

Data refer to the area of land to which fertilizers were applied during the year. If, in the same area, fertilizers were applied more than once, the area was reported only once.

* * *

SOURCES: Dominican Republic. *Quinto Censo Nacional Agropecuario, 1960*. Santo Domingo, División Censo Agropecuario, Industria y Comercio. Secretariado Técnico de la Presidencia. Oficina Nacional de Estadística, September 1966. For data on 1950, see FAO. *Report on the 1950 World Census of Agriculture*. Volume 1. *Census results by countries*. Rome, 1955.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

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Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings	
Number	447 098
Area	2 257 948
Fragmentation	
Number of holdings consisting of:	
1 parcel	442 166
2-3 parcels	4 773
4-5 parcels	155
6-9 parcels	4
Age of the holder	
Total number of holders reporting	
	436 644
Number of holders:	
Under 25 years of age	(32 755)
25-34 years of age	(95 030)
35-44 years of age	(106 436)
45-54 years of age	(96 193)
55-64 years of age	(60 552)
65 years of age and over	(45 678)
Main occupation of the holder	
Number of holders with agricultural main occupation	
	391 782
Number of holders with nonagricultural main occupation	
	55 316
Legal status of the holder ¹	
Holdings operated by:	
Civil persons	
Number	446 645
Area	1 885 278
Corporations	
Number	304
Area	180 108
Co-operatives	
Number	17
Area	1 725
Government	
Number	120
Area	1 896
Other	
Number	12
Area	376
Number of holdings, by tenure	
Holdings operated under one form of tenure	
Holdings owned by the holder or in ownerlike possession	
	262 979
Holdings rented from others (total)	
	129 149
For a fixed amount of money or produce	
	(16 474)
For a share of the produce	
	(30 782)
Gratuitously (rent-free)	
	(81 893)
Holdings operated under colonato	
	8 716
Holdings operated under other single forms of tenure ²	
	46 248
Area in holdings, by tenure ³	
Area owned by the holder or in ownerlike possession	
	1 512 541
Area rented from others (total)	
	391 443
For a fixed amount of money or produce	
	(92 559)
For a share of the produce	
	(86 570)
Area operated gratuitously (rent-free)	
	(212 314)
Area operated under colonato	
	35 844
Area under other single forms of tenure ³	
	129 554

1 - LAND UTILIZATION

Utilization of land in holdings (area)	
Arable land	
	808 251
Temporarily fallow	
	(472 226)
Land under permanent crops ⁴	
	(336 025)
Permanent meadows and pastures	
	259 145
Wood or forest land	
	866 855
All other land	
	286 450
	37 247

2 - CROPS - AREA ⁵ AND PRODUCTION

Crops on arable land

Rice (total)	
Number of holdings reporting	79 140
Area	81 074
Production (husked)	119 505
<i>Wet rice (alone)</i>	
Area	(36 769)
Production	(72 622)
<i>Dry rice (alone)</i>	
Area	(26 041)
Production	(24 077)
<i>Mixed rice</i>	
Area	(18 264)
Production	(22 806)
Maize ⁶	
Area	42 540
Production (ear)	71 393
Broad beans ⁶	
Area	1 606
Production	3 402
Edible dry beans ⁶	
Area	16 359
Production	27 056
Chick-peas	
Area	80
Production	116
Edible dry peas ⁶	
Area	58
Production	82
Pigeon peas ⁶	
Area	12 766
Production	20 135
Potatoes	
Area	810
Production	6 234
Manioc (cassava)	
Area	58 211
Production	180 780
Sweet potatoes	
Area	19 988
Production	86 485
Cocoyams and yams	
Area	3 569
Production	23 884
Onions	
Area	60
Production	963
Garlic	
Area	159
Production	688
Yautia	
Area	5 631
Production	26 339

¹ Data on area exclude 188,564 hectares under sugarcane: the respective form of legal status is unknown. - ² Includes holdings/area under concession and other single forms of tenure not specified. - ³ Data on area exclude 188,564 hectares under sugarcane, the production of which is destined to sugar mills; the respective form of tenure of this area is unknown. - ⁴ Excludes 3,921 hectares under sugarcane, the production of which is not destined to sugar mills. This area is included under temporary crops. - ⁵ Area sown for crops on arable land, unless otherwise specified. - ⁶ Grown in pure stands or mixed.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

Sugarcane	
Area (total)	192 485
Of which:	
Area harvested ⁷	(137 925)
Production	11 972 813
Cotton	
Area	4 116
Production	6 210
Groundnuts (peanuts)	
Area	37 164
Production (unshelled)	63 445
Chilies and pimientos	
Area	100
Production	117
Tobacco	
Number of holdings reporting	17 402
Area ⁸	7 404
Production (leaves) ⁸	26 615
Cabbage	
Area	81
Lettuce	
Area	4
Production	53
Squash	
Area	2 120
Eggplants	
Area	39
Production	56
Tomatoes	
Area	114
Production	2 208
Welsh onions	
Area	553
Production	9 362
Beets (red)	
Area	51
Production	668
Carrots	
Area	20
Production	204
Radish	
Area	5
Production	69
Permanent meadows and pastures for grazing	
Area	73 996
Permanent crops	
Oranges	
Total number of trees	1 784 695
Of productive age	(1 179 039)
Of nonproductive age	(605 656)
Number of fruits (in thousands)	167 328
Sweet limes	
Total number of trees	203 427
Of productive age	(159 608)
Of nonproductive age	(43 819)
Number of fruits (in thousands)	22 326

Grapefruits	
Total number of trees	98 572
Of productive age	54 203
Of nonproductive age	44 369
Number of fruits (in thousands)	2 709
Lemons	
Total number of trees	351 094
Of productive age	(299 394)
Of nonproductive age	(51 700)
Bitter oranges	
Total number of trees	1 119 533
Of productive age	(960 808)
Of nonproductive age	(158 725)
Medlars	
Total number of trees	32 552
Of productive age	(21 609)
Of nonproductive age	(10 943)
Breadfruit	
Total number of trees	322 852
Of productive age	(258 949)
Of nonproductive age	(63 903)
Mangoes	
Total number of trees	2 393 260
Of productive age	1 749 745
Of nonproductive age	643 515
Avocados	
Total number of trees	3 449 451
Of productive age	(2 416 128)
Of nonproductive age	(1 033 323)
Soursop	
Total number of trees	533 243
Of productive age	(448 381)
Of nonproductive age	(84 862)
Zapote (marmalade plum)	
Total number of trees	20 677
Of productive age	(10 781)
Of nonproductive age	(9 896)
Cashew nuts	
Total number of trees	910 365
Of productive age	(732 605)
Of nonproductive age	(177 760)
Bananas	
Area	30 912
Number of bunches (in thousands)	17 838
Plantains	
Area	71 189
Number of fruits (in thousands)	1 502 866
Pineapples	
Area	735
Number of fruits (in thousands)	2 580
Papayas	
Total number of trees	462 134
Of productive age	(301 389)
Of nonproductive age	(160 754)
Tamarinds	
Total number of trees	36 382
Of productive age	(30 816)
Of nonproductive age	(5 566)
Jaigua (<i>Genipa americana</i>)	
Total number of trees	251 209
Of productive age	(175 269)
Of nonproductive age	(75 940)

⁷ Refers only to area of sugarcane, the production of which is destined to sugar mills. - ⁸ Estimated figures.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

Grapes	
Total number of vines	22 223
Of productive age	848
Of nonproductive age	21 375
Production	2
Ginger	
Area	35
Production	186
Coffee	
Number of holdings reporting	92 614
Area	80 819
Production (cherries)	88 039
Cocoa	
Number of holdings reporting	50 193
Area	62 622
Production (beans)	36 356
Coconuts	
Total number of trees	3 998 715
Of productive age	(2 151 042)
Of nonproductive age	(1 847 673)
Number of nuts (in thousands)	61 024
Oil palms	
Total number of trees	11 722 379
Of productive age	(6 215 579)
Of nonproductive age	(5 506 800)
Sisal ^a	
Area	1 610
Production	1 024
Indian shot (<i>Canna</i> spp.)	
Total number of trees	2 259 545
Of productive age	(1 945 682)
Of nonproductive age	(313 863)
3 - LIVESTOCK AND POULTRY	
Horses, mules and asses	
Horses	
Total number of horses	217 333
Horses under 3 years of age	(47 479)
Horses 3 years of age and over	(169 854)
Mules	
Number of mules	80 498
Asses	
Number of asses	101 154
Cattle	
Total number of cattle	839 037
Calves under 1 year of age	(168 556)
Heifers 1 year of age and over	(134 018)
Young bulls 1 year of age and under 2 years	(64 865)
Cows and heifers in calf	(317 965)
Of which:	
Cows used primarily for milk production	(147 323)
Bulls 2 years of age and over	(64 833)
Oxen	(88 800)
Milk production (liters) ^b	701 002

Holdings reporting specified number of cattle	
Total number of holdings reporting:	77 642
1 head	(14 182)
2-4 head	(35 945)
5-10 head	(14 354)
11-20 head	(6 766)
21-50 head	(4 250)
51-100 head	(1 261)
101-200 head	(540)
201-500 head	(233)
501 head and over	(111)
Sheep	
Number of sheep	33 523
Goats	
Number of goats	219 128
Pigs	
Total number of pigs	712 117
Pigs under 10 months of age	(395 021)
Pigs 10 months of age and over	317 096
Sows for breeding	(133 207)
All other pigs	(183 889)
Poultry (number)	
Hens, cocks, pullets and chicks	5 822 518
Ducks	59 497
Turkeys	106 520
Guinea fowls	62 188
Egg production (in thousands) ¹⁰	618
Bees	
Number of beehives	162 899
Honey production (liters) ¹¹	426 685
Wax production ¹²	684

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding the week before the census

All persons	1 117 732
Holders and unpaid members of their families	977 882
Male	(751 315)
Female	(226 567)
Persons working for pay on the holding	139 850
Male	(118 175)
Female	(21 675)

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Use and source of power on the holding

Number of holdings reporting the use of:	
Mechanical power	5 097
Animal power	61 464
Animal and mechanical power	49 797
Human power only	229 505

Selected agricultural equipment owned by the holder (number)

Tractors	1 093
Plows	24 661
Seed drills	2 517

^a Estimated figures. - ^b Milk produced the day before the census. Conversion factor used: 1 botella = 0.6772 liter. - ¹⁰ Production obtained the day before the census. - ¹¹ Production obtained the year before the census. Conversion factor used: 1 botella = 0.6772 liter. - ¹² Production obtained the year before the census.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

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Not classified by size of holding

Cultivators	1 627
Rakes	5 634
Threshers	106
Corn shellers	715
Coffee-pulping machines	6 678
Trucks	953
Other vehicles	2 617

Means used to transport products from holdings to first place of sale

Number of holdings reporting transport mainly:	
On pack animals	311 372
In carts	1 189
By motor vehicles	31 550
By other means	26 846

7 - IRRIGATION AND DRAINAGE

Land actually irrigated

Number of holdings reporting	32 721
Area	109 557
Area irrigated by method of irrigation:	
By pumping from canals	(74 822)
By pumping from wells	(1 514)
By other means	(33 221)

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers

Number of holdings reporting	5 900
Area treated	101 349
Amount applied	57 316
Organic fertilizers	(3 266)
Inorganic fertilizers	(54 050)

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.6 ha	0.6 and under 0.9 ha	0.9 and under 1.9 ha	1.9 and under 3.1 ha	3.1 and under 4.7 ha
		Under 10 tareas	10 and under 15 tareas	15 and under 30 tareas	30 and under 50 tareas	50 and under 75 tareas
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	447 098	126 101	72 100	92 100	54 550	37 570
Percentage distribution	100.0	28.2	16.1	20.6	12.2	8.4
Area	2 257 948	35 626	49 198	115 675	123 065	135 086
Percentage distribution	100.0	1.6	2.2	5.1	5.5	6.0
Main occupation of the holder						
Number of holders with agricultural main occupation	391 782	98 700	67 200	81 000	49 950	34 730
Number of holders with nonagricultural main occupation	55 316	27 401	4 900	8 100	4 600	2 830
Legal status of the holder ¹						
Holdings operated by:						
Civil persons						
Number	446 645	126 101	72 100	92 000	54 500	37 530
Area	1 885 278	35 551	49 018	114 943	121 944	133 778
Corporations						
Number	304	—	—	—	40	20
Area	180 108	—	—	—	96	63
Co-operatives						
Number	17	—	—	—	10	—
Area	1 725	—	—	—	22	—
Government						
Number	120	—	—	100	—	10
Area	1 896	—	—	94	—	32
Other						
Number	12	—	—	—	—	10
Area	376	—	—	—	—	32
Area in holdings, by tenure ²						
Area owned by the holder or in ownerlike possession	1 512 541	19 682	26 028	62 567	72 096	81 735
Area rented from others (total)	391 443	12 938	16 191	35 438	32 088	29 374
For a fixed amount of money and produce	(92 559)	(1 101)	(1 937)	(4 359)	(4 597)	(3 589)
For a share of the produce	(86 570)	(3 371)	(3 743)	(8 913)	(8 876)	(8 393)
Area operated gratuitously (rent-free)	(212 314)	(8 466)	(10 511)	(22 166)	(18 615)	(17 392)
Area operated under colonato	35 844	327	554	2 076	3 710	7 425
Area under other single forms of tenure ³	129 554	2 604	6 245	14 958	14 167	15 370
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Arable land	804 331	21 008	29 485	66 210	63 248	62 846
Temporary crops	(468 306)	(15 321)	(22 824)	(46 793)	(40 720)	(35 321)
Temporary fallow	(336 025)	(5 687)	(6 661)	(19 417)	(22 528)	(27 525)
Land under permanent crops ⁴	263 065	11 196	13 953	31 374	33 012	32 698
Permanent meadows and pastures	866 855	2 686	4 013	13 089	19 312	28 206
Wood or forest land	286 450	428	1 346	3 843	6 364	9 750
All other land	37 247	296	365	1 082	1 179	1 493
2 - CROPS - AREA AND PRODUCTION						
Crops on arable land						
Rice						
Number of holdings reporting	79 150	13 400	11 200	17 610	11 030	8 950
Area (sown)	81 074	3 353	7 397	8 881	8 417	7 567
Production (husked)	119 505	4 944	10 904	13 091	12 405	11 155
Sugarcane ⁶						
Number of holdings reporting	2 791	184	258	507	438	327
Area (harvested)	137 925	72	175	616	968	1 091
Production	11 747 287	4 565	11 156	39 296	61 569	69 400

¹Data on area exclude 188,564 hectares under sugarcane: the respective form of tenure is unknown. — ²Data on area exclude 188,564 hectares under sugarcane, the production of which is destined for sugar mills; the respective form of tenure of this area is unknown. — ³Includes area under concession and other single forms of tenure not specified. — ⁴Includes 3,921 hectares under sugarcane, the production of which is not destined for sugar mills. — ⁵This figure is 79,140, as given in the national report. — ⁶Data refer to sugarcane, the production of which is destined for sugar mills. Therefore, excludes an area of 3,921 hectares with a production of 225,526 metric tons not destined for sugar mills.

DOMINICAN REPUBLIC

Classified by size of holding

TOTAL AREA OF HOLDING

4.7 and under 18.9 ha	18.9 and under 62.9 ha	62.9 and under 188.7 ha	188.7 and under 629.0 ha	629.0 and under 1 572.5 ha	1 572.5 ha and over	
75 and under 100 tareas	300 and under 1 000 tareas	1 000 and under 3 000 tareas	3 000 and under 10 000 tareas	10 000 and under 25 000 tareas	25 000 tareas and over	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
48 985	12 359	2 450	676	136	71	Number
11.0	2.8	0.5	0.2	—	—	Percentage distribution
408 379	365 766	240 045	224 620	189 795	370 693	Area
18.1	16.2	10.6	9.9	8.4	16.4	Percentage distribution
						Main occupation of the holder
44 023	10 632	1 940	478	88	41	Number of holders with agricultural main occupation
4 962	1 727	510	198	48	30	Number of holders with nonagricultural main occupation
						Legal status of the holder ¹
						Holdings operated by:
						Civil persons
48 914	12 294	2 413	634	114	45	Number
402 185	356 212	228 170	188 640	100 881	153 956	Area
						Corporations
71	56	34	36	21	26	Number
691	1 962	3 780	11 121	21 576	140 819	Area
						Co-operatives
—	4	1	1	1	—	Number
—	143	63	239	1 258	—	Area
						Government
—	5	1	4	—	—	Number
—	199	94	1 477	—	—	Area
						Other
—	—	1	1	—	—	Number
—	—	107	237	—	—	Area
						Area in holdings, by tenure ²
						Area owned by the holder or in ownerlike possession
282 565	268 286	178 373	165 290	105 915	250 004	Area owned by the holder or in ownerlike possession
71 342	63 888	44 290	31 230	15 441	39 223	Area rented from others (total)
(11 554)	(11 523)	(11 383)	(7 767)	(6 927)	(27 822)	For a fixed amount of money and produce
(16 872)	(14 586)	(11 113)	(7 646)	(3 057)	—	For a share of the produce
(42 916)	(37 779)	(21 794)	(15 817)	(5 457)	(11 401)	Area operated gratuitously (rent-free)
10 226	5 179	1 862	824	—	3 661	Area operated under colonato
38 741	21 162	7 689	4 372	2 359	1 887	Area under other single forms of tenure ³
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
						Arable land
152 124	106 317	58 634	55 547	82 972	105 940	Arable land
(68 164)	(36 222)	(22 113)	(30 544)	(71 171)	(79 113)	Temporary crops
(83 960)	(70 095)	(36 521)	(25 003)	(11 801)	(26 827)	Temporary fallow
77 630	37 259	13 836	6 984	2 442	2 681	Land under permanent crops ⁴
129 683	161 658	122 077	119 328	75 119	191 684	Permanent meadows and pastures
42 855	52 247	40 792	38 731	24 815	65 279	Wood or forest land
6 056	8 484	4 580	4 156	4 447	5 109	All other land
						2 - CROPS - AREA AND PRODUCTION
						Crops on arable land
						Rice
12 560	3 620	597	146	28	9	Number of holdings reporting
15 764	12 251	9 839	5 250	925	1 430	Area (sown)
23 236	18 059	14 502	7 739	1 363	2 107	Production (husked)
						Sugarcane ⁵
614	234	76	65	66	22	Number of holdings reporting
4 998	6 532	7 170	17 480	54 788	44 035	Area (harvested)
317 851	455 878	440 446	1 141 726	7 366 955	1 838 445	Production

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.6 ha	0.6 and under 0.9 ha	0.9 and under 1.9 ha	1.9 and under 3.1 ha	3.1 and under 4.7 ha
		Under 10 tareas	10 and under 15 tareas	15 and under 30 tareas	30 and under 50 tareas	50 and under 75 tareas
Tobacco						
Number of holdings reporting	17 402	3 300	2 300	3 000	2 760	2 110
Area ⁷	7 404	579	472	1 171	1 359	827
Production (leaves) ⁷	26 615	2 082	1 696	4 204	4 884	2 971
Permanent crops						
Coffee						
Number of holdings reporting	92 614	14 800	10 700	19 500	15 030	11 510
Area	80 719	2 661	3 535	8 881	10 607	12 229
Production (cherries)	88 039	2 903	3 856	9 684	11 571	13 337
Cocoa						
Number of holdings reporting	50 193	9 300	5 600	9 700	7 960	6 030
Area	62 622	1 981	2 705	6 894	7 583	7 740
Production (beans)	36 356	1 148	1 569	4 005	4 403	4 494
4 - EMPLOYMENT IN AGRICULTURE						
Persons employed in agricultural work on the holding the week before the census						
All persons	1 117 732	231 001	139 600	217 500	136 750	107 960
Holdings and unpaid members of their families ...	977 882	224 901	1 2 400	199 800	126 780	95 630
Male	(751 315)	(168 701)	(107 200)	(156 900)	(97 500)	(73 010)
Female	(226 567)	(56 200)	(25 200)	(42 900)	(29 280)	(22 620)
Persons working for pay on the holding	139 850	6 100	7 200	17 700	9 970	12 330
Male	(118 175)	(4 600)	(5 200)	(11 500)	(8 020)	(9 670)
Female	(21 675)	(1 500)	(2 000)	(6 200)	(1 950)	(2 660)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
Use and source of power on the holding						
Number of holdings reporting the use of:						
Mechanical power	5 097	800	100	800	710	540
Animal power	61 464	13 700	8 600	12 400	8 690	5 950
Animal and mechanical power	49 797	7 600	8 500	13 600	6 970	4 950
Human power only	229 505	71 900	39 600	46 200	26 000	18 000

⁷ Estimated figures.

DOMINICAN REPUBLIC

Classified by size of holding

TOTAL AREA OF HOLDING

4.7 and under 18.9 ha	18.9 and under 62.9 ha	62.9 and under 188.7 ha	188.7 and under 629.0 ha	629.0 and under 1 572.5 ha	1 572.5 ha and over	
75 and under 10 tareas	300 and under 1 000 tareas	1 000 and under 3 000 tareas	3 000 and under 10 000 tareas	10 000 and under 25 000 tareas	25 000 tareas and over	
						Tobacco
2 980	807	106	25	9	5	Number of holdings reporting
2 184	591	186	18	4	13	Area ⁷
7 862	2 125	670	63	13	45	Production (leaves) ⁷
						Permanent crops
						Coffee
16 770	3 678	470	128	13	15	Number of holdings reporting
25 886	10 642	2 936	2 186	259	897	Area
28 234	11 607	3 203	2 384	282	978	Production (cherries)
						Cocoa
9 031	2 152	321	75	13	11	Number of holdings reporting
21 027	10 311	2 792	912	556	121	Area
12 207	5 986	1 621	530	323	70	Production (beans)
						4 - EMPLOYMENT IN AGRICULTURE
						Persons employed in agricultural work on the holding the week before the census
						All persons
171 723	55 379	15 008	7 782	2 796	32 233	Holdings and unpaid members of their families
147 203	39 764	6 612	2 368	254	2 170	Male
(109 697)	(29 778)	(5 061)	(2 039)	(186)	(1 243)	Female
(37 506)	(9 986)	(1 551)	(329)	(68)	(927)	Persons working for pay on the holding
24 520	15 615	8 396	5 414	2 542	30 063	Male
(20 640)	(13 741)	(7 747)	(5 177)	(2 321)	(29 559)	Female
(3 880)	(1 874)	(649)	(237)	(221)	(504)	
						6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
						Use and source of power on the holding
						Number of holdings reporting the use of:
1 101	607	250	129	36	24	Mechanical power
8 552	2 855	521	168	17	11	Animal power
6 020	1 666	346	100	28	17	Animal and mechanical power
21 981	4 714	865	203	36	6	Human power only

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

DOMINICAN REPUBLIC

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE			Permanent crops		
Number and area of holdings			Oranges		
Number	1 276 848	447 098	Total number of trees	1 261 337	1 784 695
Area	2 328 229	2 257 948	Of productive age	(886 307)	(1 179 039)
			Of nonproductive age	(375 030)	(605 656)
			Number of fruits (in thousands)	80 475	167 328
1 - LAND UTILIZATION			Coffee		
Utilization of land in holdings (area)			Number of holdings reporting ..	52 188	92 614
Cropland	1 461 232	1 067 396	Area	64 223	80 719
Permanent meadows and pastures ..	270 532	866 855	Production (cherries)	27 902	88 039
Wood or forest land	438 994	286 450			
All other land	157 471	37 247	Coconuts		
			Total number of trees	3 468 848	3 998 715
			Of productive age	(1 335 394)	(2 151 042)
			Of nonproductive age	(2 133 454)	(1 847 673)
			Number of nuts (in thousands) ..	36 681	61 024
2 - CROPS - AREA ² AND PRODUCTION			3 - LIVESTOCK AND POULTRY		
Crops on arable land			Horses		
Rice (total)			Number of horses	243 154	217 333
Area	39 952	162 810			
Production (husked)	62 914	96 699	Mules		
Wet rice			Number of mules	69 044	80 498
Area	(16 547)	(36 769)			
Production	(33 593)	(72 622)	Asses		
Dry rice			Number of asses	128 203	101 154
Area	(23 405)	(26 041)			
Production	(29 321)	(24 077)	Cattle		
Manioc (cassava)			Number of cattle	885 337	839 037
Area	26 249	58 211			
Production	155 131	180 780	Goats		
Sweet potatoes			Number of goats	596 406	219 128
Area	13 591	19 988			
Production	75 052	86 485	Pigs		
Sugarcane			Number of pigs	1 157 562	712 117
Production	3 832 844	11 972 813			

¹ Includes 2,128 holdings of less than 1 tarea (0.0629 hectare), for which the area was not declared. - ² Area sown for crops on arable land, unless otherwise specified. - ³ Excludes mixed rice.

Date of the census and time reference

The 1959/60 Census of Agriculture was a combined complete enumeration census and a sample census. The 1959 Census was taken as of 15 June. The sample survey, used for broadening the scope of the census, was carried out at different dates during 1960.

All data refer to the date of the enumeration, with the exception of land utilization, crop areas, livestock and poultry, and agricultural machinery, which refer to 15 June 1959. Information on employment in agriculture refers to the period 16 June 1958 to 15 June 1959.

Method of collection and processing of census data

For the 1959 Census the field enumeration was performed by Census Committees set up in the rural communes, with the aid of census enumerators in each census district under the supervision of the Board of Agriculture. Suitable personnel from advisory bodies was also in charge of supervising the field work and, in particular, the training of census enumerators and supervisors. Prior to the 1959 Census, a pilot census was conducted in the summer of 1957 to determine the cost, scope and contents of the forthcoming complete census. The experience thus gained indicated that, in communes where parcels were measured by air photography, it would be easy for the Census Committees, using tax classification cards, to ensure a complete census coverage before the field work began by assigning a questionnaire to each holding, indicating the village on which it was located, the name of the owner and its arable area according to the tax survey measurements.

In communes where tax classification cards were not available, questionnaires would have to be filled in according to other information on holdings, such as lists of taxpayers, land registers, etc.

Census data were processed by the punch-card method.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holding

No specific definition was given for the holding. However, separate questionnaires were to be completed for :

- (a) each holding with a total combined arable and garden area of at least 0.25 ha, or a minimum total area used for general agricultural purposes of 0.50 ha;
- (b) each holding smaller in area than under (a) for collecting information on livestock and poultry, farm machinery and implements;
- (c) each forestry area, communal area and areas within limits established in (a) and (b) but having a total area of 2 ha and over.

The basis for the classification of holdings by size is the arable land. Arable land includes field crops, with the exception of vegetables and cultivation under glass; it comprises also temporary meadows and pastures, permanent artificial pastures and fallow land.

1 - LAND UTILIZATION

Arable land

Includes land devoted to cereals, peas, tuber and root crops, industrial and fodder crops; land

FINLAND

under rotation grasses and clovers for hay, silage and pasture and fallow land. Land under frames, greenhouses and garden vegetables was deducted from land under permanent crops and included under arable land.

Land under permanent crops

Includes all areas under fruit trees and fruit bushes and nurseries of fruit trees, bushes, ornamental plants and forest trees.

Permanent meadows and pastures

Includes all land under cleared pasture, natural meadows and cultivated permanent pastures.

Wood or forest land

Includes all land with productive as well as unproductive forestry.

All other land

Includes wasteland, built-on areas, etc.

2 - CROPS

Data refer to areas under crops as at 15 June 1959, including land resown by this date in the event of failure of winter crops. Production figures were obtained from the 1960 sample survey.

3 - LIVESTOCK AND POULTRY

Data on this topic refer to animals on the holding as at 15 June 1959, whether belonging to the holder or not.

4 - EMPLOYMENT IN AGRICULTURE

Agricultural work includes field and garden work, livestock care, construction work, land improvement, household work, fishing and hunting, building maintenance and forest improvements.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data on this subject refer to the number of machines on the holding, as at the census date, regardless of ownership.

* * *

SOURCES: Finland. Official Statistics of Finland. *Agriculture. Census of Agriculture*. Volume I. *General section, 1959*. Helsinki, 1962. *Agriculture. Annual statistics of agriculture and sampling. Census of Agriculture, 1960*. Helsinki, 1963. For data on 1950, see FAO. *Report on the 1950 World Census of Agriculture*. Volume I. *Census results by countries*. Rome, 1955.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

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Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	387 962
Area	15 959 621

Age of the holder

Number of holders:	
Under 35 years of age	49 535
35-44 years of age	81 275
45-54 years of age	110 540
55-64 years of age	83 651
65 years of age and over	49 206

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Cropland	2 596 733
Arable land	(2 585 222)
Land under permanent crops ¹	(11 511)
Permanent meadows and pastures ²	327 813
Wood or forest land	10 756 776
Grazed	(1 563 343)
Not grazed	(9 193 433)
All other land	2 278 299

2 - CROPS - AREA AND PRODUCTION³

Crops on arable land

Wheat (total)

Area	139 186
Production	242 549
<i>Winter wheat</i>	
Number of holdings reporting	16 082
Area	(19 857)
Production	(42 434)
<i>Spring wheat</i>	
Number of holdings reporting	115 900
Area	(119 329)
Production	(200 115)

Rye

Number of holdings reporting	153 286
Area	103 329
Production	162 020

Barley

Number of holdings reporting	260 260
Area	232 869
Production	331 666

Oats

Number of holdings reporting	273 794
Area	460 885
Production	696 397

Mixed grains

Number of holdings reporting	33 045
Area	27 485
Production	32 000

Edible dry peas

Number of holdings reporting	19 284
Area	5 423
Production	6 800

Potatoes

Number of holdings reporting ⁴	319 401
Area	85 459
Production	1 078 855

Turnips

Area	6 850
Production	127 300

Mangels

Number of holdings reporting	4 152
Area	652
Production	11 200

Swedes

Number of holdings reporting ⁴	31 985
Area	5 228
Production	117 400

Sugar beets grown for feed

Number of holdings reporting	11 175
Area	1 978
Production	36 500

Other root crops grown for feed

Number of holdings reporting	2 994
Area	704
Production	62 100

Sugar beets for sugar

Number of holdings reporting	27 983
Area	14 504
Production	257 100

Flax harvested for fiber

Number of holdings reporting	426
Area	189

Winter rapeseed

Number of holdings reporting	8 997
Area	18 694
Production	24 900

Other oilseed crops

Number of holdings reporting	61
Area	100

Grasses cut for hay, green feed or silage

Area	1 184 860
Production	3 701 400

Grasses grown only for grazing

Number of holdings reporting	163 601
Area	195 027

Marrow kale

Number of holdings reporting	7 092
Area	1 193
Production	35 300

Rape for fodder

Number of holdings reporting	2 564
Area	582
Production	9 700

White cabbage

Area	705
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Cucumbers

Area	591
------	-----

Onions

Area	585
------	-----

Beets (red)

Area	577
------	-----

Carrots

Area	829
------	-----

Beans (harvested green)

Area	24
------	----

¹ Area under frames, greenhouses and garden vegetables is excluded from land under permanent crops and included under arable land.
² Includes leas for grazing. - ³ Production figures derived from the 1960 sample census. - ⁴ Holdings reporting field potatoes only.
⁵ Holdings reporting field swedes only.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

Peas (harvested green)	
Area	104
Cauliflower	
Area	212
Other roots and vegetables	
Area	438
Cultivation under glass	
Area	190
Clover seed	
Number of holdings reporting	37 441
Area	8 042
Production	2 100
Timothy seed	
Number of holdings reporting	70 430
Area	21 516
Production	7 600
Other crops on arable land	
Area	5 818
Permanent meadows and pastures	
Permanent grassland cut for hay	
Area	25 975
Permanent crops	
Apples	
Number of holdings reporting	198 782
Total number of trees	2 400 053
Trees under 7 years of age	(1 088 422)
Trees 7 years of age and over	(1 311 631)
Pears	
Number of trees	22 137
Cherries	
Number of trees	80 701
Plums and damsons	
Number of trees	186 002
Strawberries	
Area	600
Raspberries	
Area	112
Gooseberries	
Number of bushes	1 145 194
Currants	
Number of bushes	3 398 455
Nurseries	
Area	398

3 - LIVESTOCK AND POULTRY

Horses	
Number of holdings reporting	206 566
Total number of horses	253 741
Horses under 4 years of age	19 236
Young stock under 1 year of age	(8 566)
Young stock 1 year of age and under 4 years	(10 670)
Horses 4 years of age and over	234 505
Stallions	(3 821)
Other horses 4 years of age and over ..	(230 684)
Cattle	
Total number of cattle	1 949 196
Calves under 1 year of age	578 829
Cattle 1 year of age and over	1 370 367

Bulls	(35 292)
Heifers	(213 895)
Cows	(1 121 180)

Sheep

Total number of sheep	380 811
Lambs under 6 months of age	171 420
Sheep 6 months of age and over	209 391
Male	(21 324)
Female	(188 067)

Goats

Number of goats	3 571
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Pigs

Total number of pigs	466 900
Pigs under 6 months of age	390 153
Pigs under 8 weeks of age	(146 791)
Pigs 8 weeks of age and under 6 months	(243 362)
Pigs 6 months of age and over	76 747
Sows and gilts for breeding	(44 674)
Boars for breeding	(2 361)

Poultry

Number of hens, cocks and chicks (total) ..	5 551 641
Chicks under 6 months of age	(2 135 441)
Cocks and hens 6 months of age and over ..	(3 416 200)
Number of ducks and ducklings	3 595
Number of geese and goslings	9 470
Number of turkeys and poults	24 763

Bees

Number of beehives	19 512
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Reindeer

Number of reindeer	77 450
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4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding

All persons	1 650 307
Holders and family members and relatives ..	1 604 190
Male	(547 523)
Female	(519 897)
Under 15 years of age	(536 770)

Permanent employees

Number of persons	46 117
Male	(24 811)
Female	(21 306)

Man-days worked on the holding during the year preceding the survey (in thousands) ...

226 612	
Male	92 193
Female	131 294
Under 15 years of age	3 125
Holders and family members and relatives ..	209 704
Male	(82 156)
Female	(124 649)
Under 15 years of age	(2 899)
Permanent workers	8 853
Male	(4 436)
Female	(4 417)
Temporary workers	8 055
Male	(5 601)
Female	(2 229)
Under 15 years of age	(225)

5 - FARM POPULATION

All persons	1 641 280
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Holders and members of their households

1 604 190	
Male	(547 523)
Female	(519 897)
Under 15 years of age	(536 770)

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

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Not classified by size of holding

Other persons living on the holding ⁴	37 090
Male	(18 174)
Female	(18 916)
Professional training in agriculture	
Higher agricultural education	
Number of persons	4 251
Lower agricultural education	
Number of persons	32 312
Forestry education	
Number of persons	3 568
Domestic science	
Number of persons	18 319
Other education in addition to primary school	
Number of persons	100 597
No vocational education	
Number of persons	945 463

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment used by holders classified by categories of ownership

Tractors (total)	74 604
Owned solely by the holder	(70 651)
Owned jointly by the holder and others ..	(3 953)
Number of wheel tractors	72 089
Number of tracklaying tractors	263
Number of garden tractors	2 252
Fertilizer distributors	27 150
Owned solely by the holder	(24 084)
Owned jointly by the holder and others ..	(3 066)
Animal-operated	17 262
Tractor-operated	9 888
Sprayers and dusters	2 833
Owned solely by the holder	(2 420)
Owned jointly by the holder and others ..	(413)

Combines (harvester-threshers) ⁷	4 422
Owned solely by the holder	(3 494)
Owned jointly by the holder and others ..	(928)
Towed	1 193
Self-propelled	3 229
Grain driers	29 933
Owned solely by the holder	(26 835)
Owned jointly by the holder and others ..	(3 098)
Other selected agricultural equipment owned by the holder (number)	
Milking machines (number of units)	40 448
Compressor-driven coolers	4 275
Lorries, cars, vans, etc.	36 341
Motorcycles, scooters, mopeds, etc.	45 227
Selected agricultural equipment used on the holding	
Number of holdings reporting the use of:	
Wheel tractors	218 395
Tracklaying tractors	4 798
Garden tractors	1 325
Fertilizer distributors	
Animal-operated	12 525
Tractor-operated	4 090
Sprayers and dusters	14 845
Combines (self-propelled)	15 903
Grain driers (natural draught)	31 768
Grain driers (power-operated)	21 021
Lorries	12 418

7 - IRRIGATION AND DRAINAGE

Land actually irrigated	
Number of holdings reporting	1 663
Area	1 877
Land drained through covered drains	
Area	211 826

⁴ Refers to permanent employees living on the holdings. - ⁷ Self-propelled.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings					
Number ¹	387 962	24 534	32 165	46 485	37 229
Percentage distribution	100.0	6.3	8.3	12.0	9.6
Area	15 959 621	206 458	260 393	718 092	992 106
Percentage distribution	100.0	1.3	1.6	4.5	6.2
1 - LAND UTILIZATION					
Utilization of land in holdings (area)					
Cropland	2 596 733	8 624	23 264	66 866	90 142
Arable land	(2 585 222)	(7 223)	(22 629)	(66 129)	(89 611)
Land under permanent crops ²	(11 511)	(1 401)	(635)	(737)	(531)
Permanent meadows and pastures ³	327 813	7 667	6 707	16 468	20 544
Wood or forest land	10 756 776	150 694	179 451	492 116	681 461
Grazed	(1 563 343)	(3 933)	(16 126)	(67 434)	(120 323)
Not grazed	(9 193 433)	(146 761)	(163 325)	(424 682)	(561 138)
All other land	2 278 299	39 473	50 971	142 642	199 959
2 - CROPS - AREA					
Crops on arable land					
Wheat					
Area	139 186	267	699	1 430	1 712
<i>Winter wheat</i>					
Number of holdings reporting	16 082	71	146	295	279
Area	(19 857)	(15)	(47)	(103)	(115)
<i>Spring wheat</i>					
Number of holdings reporting	115 900	1 293	2 372	4 101	4 563
Area	(119 329)	(252)	(652)	(1 327)	(1 597)
Rye					
Number of holdings reporting	153 286	308	1 054	3 708	6 256
Area	103 329	61	252	891	1 619
Barley					
Number of holdings reporting	260 260	2 726	7 239	18 535	21 957
Area	232 869	474	1 613	5 140	7 811
Oats					
Number of holdings reporting	273 794	2 964	9 598	22 866	23 430
Area	460 885	557	2 537	8 992	12 882
Mixed grains					
Number of holdings reporting	33 045	315	669	1 325	1 496
Area	27 485	52	139	372	523
Edible dry peas					
Number of holdings reporting	19 284	245	298	418	425
Area	5 423	32	46	73	78

¹ Information classified by "Total area of holdings" is available only for number of holdings, as follows:

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
0 - HOLDER, HOLDING AND TENURE					
Number of holdings	387 962	21 993	25 359	36 812	32 593
Percentage distribution	100.0	5.7	6.5	9.4	8.4

² Area under frames, greenhouses and garden vegetables is excluded from land under permanent crops and included under arable land.

³ Includes leas for grazing.

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TABLE AREA OF HOLDING

Classified by size of holding

3 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	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
63 944	101 848	62 224	17 961	1 335	237	Number ¹
16.5	26.3	16.0	4.6	0.3	0.1	Percentage distribution
2 346 829	4 724 274	4 064 597	2 098 916	359 898	188 058	Area
14.7	29.6	25.5	13.2	2.2	1.2	Percentage distribution
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
248 276	719 935	828 003	489 436	84 261	37 926	Cropland
(247 282)	(717 763)	(825 631)	(487 653)	(83 773)	(37 528)	Arable land
(994)	(2 172)	(2 372)	(1 783)	(488)	(398)	Land under permanent crops ²
46 619	93 350	80 826	42 731	8 665	4 236	Permanent meadows and pastures ³
1 608 866	3 226 070	2 696 252	1 363 357	234 864	123 645	Wood or forest land
(330 030)	(607 877)	(329 150)	(82 350)	(5 304)	(816)	Grazed
1 278 836	(2 618 193)	(2 367 102)	(1 281 007)	(229 560)	(122 829)	Not grazed
443 068	684 919	459 516	203 392	32 108	22 251	All other land
						2 - CROPS - AREA
						Crops on arable land
						Wheat
5 231	22 786	40 537	45 631	13 464	7 429	Area
712	3 094	5 485	5 116	723	161	Winter wheat
(286)	(1 490)	(4 083)	(8 761)	(3 209)	(1 748)	Number of holdings reporting
13 154	39 708	36 236	13 194	1 066	213	Area
(4 945)	(21 296)	(36 454)	(36 870)	(10 255)	(5 681)	Spring wheat
21 394	59 193	46 401	13 859	955	158	Number of holdings reporting
6 724	28 064	38 116	22 491	3 525	1 586	Area
						Barley
48 299	88 632	55 880	15 654	1 139	199	Number of holdings reporting
23 288	67 002	72 079	42 529	8 904	4 029	Area
						Oats
48 061	89 267	58 672	17 420	1 286	230	Number of holdings reporting
38 503	124 228	152 815	97 931	16 455	5 985	Area
						Mixed grains
4 025	11 117	10 644	3 236	185	33	Number of holdings reporting
1 623	6 656	11 496	5 814	614	196	Area
						Edible dry peas
1 221	4 803	7 284	4 159	360	71	Number of holdings reporting
208	914	1 777	1 717	349	229	Area

TOTAL AREA OF HOLDING

3 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	
						0 - HOLDER, HOLDING AND TENURE
59 537	116 376	59 064	27 581	7 635	1 012	Number of holdings
15.4	30.0	15.2	7.1	2.0	0.3	Percentage distribution

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
Potatoes					
Number of holdings reporting ¹	319 401	11 870	18 747	30 917	28 168
Area	85 459	1 650	2 501	4 235	4 185
Turnips					
Area	6 850	3	9	53	109
Mangels					
Number of holdings reporting	4 152	35	84	198	185
Area	652	4	9	21	21
Swedes					
Number of holdings reporting ²	31 995	140	339	777	1 018
Area	5 228	22	44	96	119
Sugar beets for feed					
Number of holdings reporting	11 175	24	100	241	283
Area	1 978	3	12	28	33
Other root crops grown for feed					
Number of holdings reporting	2 994	12	37	66	85
Area	704	1	6	10	14
Sugar beets for sugar					
Number of holdings reporting	27 983	334	589	1 025	907
Area	14 504	77	173	304	294
Flax harvested for fiber					
Number of holdings reporting	426	1	2	16	20
Area	189	—	—	4	6
Winter rapeseed					
Number of holdings reporting	8 997	10	35	81	63
Area	18 694	4	20	66	57
Other oilseed crops					
Number of holdings reporting	61	3	—	1	1
Area	100	—	—	—	—
Grasses cut for hay, green feed or silage					
Area	1 184 860	3 352	13 124	40 164	54 099
Grasses grown only for grazing					
Number of holdings reporting	163 601	574	2 359	7 560	9 431
Area	195 027	114	619	2 585	4 073
Marrow kale					
Number of holdings reporting	7 092	9	31	64	83
Area	1 193	1	3	10	9
Rape for fodder					
Number of holdings reporting	2 564	8	15	35	53
Area	582	2	2	10	6
White cabbage					
Area	705	40	30	47	33
Cucumbers					
Area	591	30	35	46	34
Onions					
Area	585	27	28	46	39
Beets (red)					
Area	577	25	27	36	31
Carrots					
Area	829	43	41	59	51
Beans (harvested green)					
Area	24	2	2	2	1

¹ Holdings reporting field potatoes only. — ² Holdings reporting field swedes only.

ABLE AREA OF HOLDING

3 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	
54 870 9 763	95 516 24 957	60 364 25 059	17 493 11 061	1 250 1 467	206 581	Potatoes Number of holdings reporting ¹ Area
477	2 072	2 841	1 145	110	31	Turnips Area
431 50	1 333 174	1 316 216	526 126	37 23	7 8	Mangels Number of holdings reporting Area
3 241 391	11 243 1 488	10 588 1 734	4 178 1 000	396 223	75 111	Swedes Number of holdings reporting ² Area
868 106	3 813 539	4 158 740	1 526 401	139 89	23 27	Sugar beets for feed Number of holdings reporting Area
320 50	1 098 200	1 057 285	298 125	15 6	6 7	Other root crops grown for feed Number of holdings reporting Area
2 272 762	9 033 3 633	9 816 5 054	3 522 2 845	379 824	106 538	Sugar beets for sugar Number of holdings reporting Area
45 18	154 76	132 54	49 22	6 9	1 —	Flax harvested for fiber Number of holdings reporting Area
175 182	785 796	2 952 3 756	4 048 9 045	707 3 399	141 1 369	Winter rapeseed Number of holdings reporting Area
2 2	13 2	14 18	15 38	8 27	4 13	Other oilseed crops Number of holdings reporting Area
140 982	358 248	362 473	179 153	23 295	9 970	Grasses cut for hay, green feed or silage Area
23 398 13 615	59 214 55 552	46 278 73 738	13 793 38 178	864 4 581	130 1 972	Grasses grown only for grazing Number of holdings reporting Area
308 33	1 809 222	2 746 363	1 731 358	246 116	65 78	Marrow kale Number of holdings reporting Area
273 42	996 172	865 193	293 128	21 18	5 9	Rape for fodder Number of holdings reporting Area
61	150	154	110	52	28	White cabbage Area
72	131	145	83	11	4	Cucumbers Area
88	179	130	38	6	4	Onions Area
56	127	127	84	43	21	Beets (red) Area
95	227	192	87	22	12	Carrots Area
3	3	3	4	1	3	Beans (harvested green) Area

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
Peas (harvested green)					
Area	104	14	7	10	7
Cauliflower					
Area	212	17	10	21	12
Other roots and vegetables					
Area	438	46	30	41	36
Cultivation under glass					
Area	190	36	15	23	14
Clover seed					
Number of holdings reporting	37 441	22	33	102	271
Area	8 042	5	11	35	70
Timothy seed					
Number of holdings reporting	70 430	23	52	250	710
Area	21 516	5	23	101	174
Other crops on arable land					
Area	5 818	80	173	347	342
Permanent meadows and pastures					
Permanent grassland cut for hay					
Area	25 975	993	1 239	3 150	3 620
Permanent crops					
Apples					
Number of holdings reporting	198 782	14 291	15 677	19 836	14 491
Total number of trees	2 400 053	279 905	174 499	200 616	154 264
Trees under 7 years of age					
Number of trees	(1 088 422)	(131 253)	(83 794)	(95 060)	(78 493)
Trees 7 years of age and over					
Number of trees	(1 311 631)	(148 652)	(90 705)	(105 556)	(75 771)
Pears					
Number of trees	22 137	3 073	1 756	1 731	1 257
Cherries					
Number of trees	80 701	7 540	4 668	4 679	3 550
Plums and damsons					
Number of trees	186 002	29 101	15 527	15 795	9 393
Strawberries					
Area	600	69	45	54	39
Raspberries					
Area	112	14	7	9	6
Gooseberries					
Number of bushes	1 145 194	80 000	75 590	96 037	69 911
Currants					
Number of bushes	3 398 455	232 965	224 836	286 748	222 507
Nurseries					
Area	398	66	8	18	5
3 - LIVESTOCK AND POULTRY					
Horses					
Total number of horses	253 741	441	1 131	5 314	11 097
Horses under 4 years of age	19 236	33	49	202	399
Young stock under 1 year of age	(8 566)	(6)	(15)	(69)	(154)
Young stock 1 year of age and under 4 years	(10 670)	(27)	(34)	(133)	(245)
Horses 4 years of age and over	234 505	408	1 082	5 112	10 698
Stallions	(3 821)	(11)	(22)	(124)	(167)
Other horses 4 years of age and over	(230 684)	(397)	(1 060)	(4 988)	(10 531)

ARABLE AREA OF HOLDING

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	
						Peas (harvested green)
11	21	17	11	3	3	Area
						Cauliflower
15	30	40	41	9	17	Area
						Other roots and vegetables
54	82	68	39	21	21	Area
						Cultivation under glass
19	29	25	13	8	8	Area
						Clover seed
1 775	11 202	16 090	7 208	609	129	Number of holdings reporting
281	1 621	2 925	2 425	473	196	Area
						Timothy seed
4 584	25 342	29 189	9 573	595	112	Number of holdings reporting
896	4 964	9 176	5 369	574	234	Area
						Other crops on arable land
487	1 023	1 087	1 037	523	719	Area
						Permanent meadows and pastures
						Permanent grassland cut for hay
6 240	6 423	3 190	1 016	90	14	Area
						Permanent crops
						Apples
26 863	53 384	39 402	13 546	1 108	184	Number of holdings reporting
230 861	509 882	441 739	264 512	66 144	77 631	Total number of trees
(112 627)	(240 618)	(188 264)	(96 897)	(21 830)	(39 586)	Trees under 7 years of age
(118 234)	(269 264)	(253 475)	(167 615)	(44 314)	(38 045)	Number of trees
						Trees 7 years of age and over
						Number of trees
1 446	3 601	5 039	3 138	812	284	Pears
						Number of trees
						Cherries
6 194	15 360	18 290	15 975	3 716	729	Number of trees
						Plums and damsons
14 457	30 820	35 775	27 245	5 788	2 101	Number of trees
						Strawberries
67	153	114	43	7	9	Area
						Raspberries
9	22	20	13	4	8	Area
						Gooseberries
134 379	298 762	256 917	110 166	18 015	5 417	Number of bushes
						Currants
427 135	890 421	740 382	299 370	45 551	28 540	Number of bushes
						Nurseries
89	60	28	17	19	84	Area
						3 - LIVESTOCK AND POULTRY
						Horses
36 970	90 354	75 217	28 663	3 190	1 364	Total number of horses
1 536	6 009	7 446	2 974	358	230	Horses under 4 years of age
(668)	(2 902)	(3 353)	(1 201)	(123)	(75)	Young stock under 1 year of age
(868)	(3 107)	(4 093)	(1 773)	(235)	(155)	Young stock 1 year of age and under 4 years
35 434	84 345	67 771	25 689	2 832	1 134	Horses 4 years of age and over
(501)	(1 212)	(1 096)	(548)	(86)	(54)	Stallions
(34 933)	(83 133)	(66 675)	(25 141)	(2 746)	(1 080)	Other horses 4 years of age and over

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION E

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
Cattle					
Total number of cattle	1 949 196	11 238	32 899	83 445	102 059
Calves under 1 year of age	578 829	3 696	10 757	27 009	32 998
Cattle 1 year of age and over	1 370 367	7 542	22 142	56 436	69 061
Bulls	(35 292)	(75)	(172)	(508)	(807)
Heifers	(213 895)	(777)	(2 370)	(6 579)	(8 437)
Cows	(1 121 180)	(6 690)	(19 600)	(49 349)	(59 817)
Sheep					
Total number of sheep	380 811	3 371	6 886	16 495	22 232
Lambs under 6 months of age	171 420	1 382	2 925	7 374	10 309
Sheep 6 months of age and over	209 391	1 989	3 961	9 121	11 923
Male	(21 324)	(206)	(387)	(885)	(1 159)
Female	(188 067)	(1 783)	(3 574)	(8 236)	(10 764)
Goats					
Number of goats	3 571	156	214	305	285
Pigs					
Total number of pigs	466 900	5 725	15 704	22 929	16 052
Pigs under 6 months of age	390 153	4 849	13 587	20 085	14 806
Pigs under 8 weeks of age	(146 791)	(1 533)	(2 854)	(5 439)	(9 961)
Pigs 8 weeks of age and under 6 months	(243 362)	(3 316)	(10 733)	(14 646)	(9 845)
Pigs 6 months of age and over	76 747	876	2 117	2 844	1 246
Sows and gilts for breeding	(44 674)	(88)	(149)	(333)	(225)
Boars for breeding	(2 361)	(5)	(13)	(16)	(9)
All other pigs	(29 712)	(783)	(1 955)	(2 495)	(1 012)
Poultry					
Number of hens, cocks and chicks (total)	5 551 641	110 653	191 557	321 553	250 387
Chicks under 6 months of age	(2 135 441)	(43 259)	(77 168)	(127 239)	(86 369)
Cocks and hens 6 months of age and over	(3 416 200)	(67 394)	(114 389)	(194 314)	(164 018)
Number of ducks and ducklings	3 595	156	227	168	157
Number of geese and goslings	9 470	250	275	529	267
Number of turkeys and poults	24 763	780	745	1 399	1 935
Bees					
Number of beehives	19 512	1 777	1 503	1 731	933
Reindeer					
Number of reindeer	77 450	2 472	6 792	12 282	14 098
4 - EMPLOYMENT IN AGRICULTURE					
Persons employed in agricultural work on the holding					
Permanent employees					
Number of persons	46 117	1 262	988	1 556	1 342
Male	(24 811)	(515)	(458)	(704)	(619)
Female	(21 306)	(747)	(530)	(852)	(723)
Number of man-days (in thousands) worked on the holding (total)	226 612	5 121	8 068	15 110	15 400
Male	92 193	939	1 382	3 448	4 619
Female	131 295	4 134	6 616	11 508	10 599
Under 15 years of age	3 124	48	70	154	182
Holders and family members and relatives	209 704	4 717	7 825	14 651	14 943
Male	(82 156)	(753)	(1 259)	(3 210)	(4 357)
Female	(124 649)	(3 923)	(6 498)	(11 292)	(10 411)
Under 15 years of age	(2 899)	(41)	(68)	(149)	(175)
Permanent workers	8 853	204	94	166	150
Male	(4 436)	(73)	(23)	(38)	(41)
Female	(4 417)	(131)	(71)	(128)	(109)
Temporary workers	8 055	200	149	293	307
Male	(5 601)	(113)	(100)	(200)	(221)
Female	(2 229)	(80)	(47)	(88)	(79)
Under 15 years of age	(225)	(7)	(2)	(5)	(7)
5 - FARM POPULATION					
All persons	1 641 280	70 951	102 731	161 060	142 375
Holders and members of their households					
Number of persons	1 604 190	70 029	101 895	159 819	141 293
Male	(547 523)	(23 409)	(33 574)	(52 886)	(46 956)
Female	(519 897)	(24 632)	(34 306)	(52 051)	(44 350)
Under 15 years of age	(536 770)	(21 988)	(34 015)	(54 882)	(49 987)

BLE AREA OF HOLDING

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	
						Cattle
4 232	608 725	565 062	247 071	31 131	13 334	Total number of cattle
0 855	186 716	164 683	63 080	6 562	2 473	Calves under 1 year of age
3 377	422 009	400 379	183 991	24 569	10 861	Cattle 1 year of age and over
2 617	(9 065)	(13 161)	(7 563)	(1 012)	(312)	Bulls
2 954	(61 882)	(66 738)	(35 698)	(5 685)	(2 775)	Heifers
7 806	(351 062)	(320 480)	(140 730)	(17 872)	(7 774)	Cows
						Sheep
7 966	133 159	105 154	32 489	2 473	586	Total number of sheep
7 324	60 922	46 035	13 728	1 147	274	Lambs under 6 months of age
10 642	72 237	59 119	18 761	1 326	312	Sheep 6 months of age and over
3 171	(7 433)	(5 977)	(1 942)	(124)	(40)	Male
17 471	(64 804)	(53 142)	(16 819)	(1 202)	(272)	Female
						Goats
552	1 176	658	216	8	1	Number of goats
						Pigs
10 100	110 928	130 284	86 430	24 250	14 498	Total number of pigs
17 646	98 892	107 521	64 951	17 026	10 790	Pigs under 6 months of age
1 995	(33 819)	(42 639)	(30 602)	(8 393)	(4 556)	Pigs under 8 weeks of age
25 651	(65 073)	(64 882)	(34 349)	(8 633)	(6 234)	Pigs 8 weeks of age and under 6 months
2 454	12 036	22 763	21 479	7 224	3 708	Pigs 6 months of age and over
1 075	(7 394)	(15 677)	(13 999)	(3 841)	(1 893)	Sows and gilts for breeding
30	(236)	(639)	(933)	(341)	(139)	Boars for breeding
1 349	(4 406)	(6 447)	(6 547)	(3 042)	(1 676)	All other pigs
						Poultry
18 791	1 458 814	1 601 628	868 035	168 508	31 715	Number of hens, cocks and chicks (total)
39 659	(519 688)	(619 862)	(363 702)	(91 427)	(17 068)	Chicks under 6 months of age
59 132	(939 126)	(981 766)	(504 333)	(77 081)	(14 647)	Cocks and hens 6 months of age and over
243	820	414	466	893	51	Number of ducks and ducklings
580	1 555	1 708	1 282	2 889	135	Number of geese and goslings
1 954	5 073	5 784	6 171	856	66	Number of turkeys and poult
						Bees
1 384	3 927	5 032	2 765	327	133	Number of beehives
						Reindeer
19 114	18 859	3 774	59	—	—	Number of reindeer
						4 - EMPLOYMENT IN AGRICULTURE
						Persons employed in agricultural work on the holding
						Permanent employees
3 062	6 745	9 710	13 996	4 705	2 751	Number of persons
1 484	(3 253)	(5 034)	(7 820)	(2 985)	(1 939)	Male
1 578	(3 492)	(4 676)	(6 176)	(1 720)	(812)	Female
34 206	70 324	54 131	20 402	2 666	1 184	Number of man-days (in thousands) worked on the holding (total)
12 637	30 624	25 744	10 396	1 557	847	Male
21 098	38 696	27 556	9 694	1 071	323	Female
471	1 004	831	312	38	14	Under 15 years of age
33 117	67 687	50 246	15 524	913	81	Holders and family members and relatives
12 011	(29 075)	(23 443)	(7 545)	(454)	(49)	Male
20 650	(37 649)	(26 030)	(7 723)	(442)	(31)	Female
(456)	(963)	(773)	(256)	(17)	(1)	Under 15 years of age
373	978	1 815	3 165	1 213	695	Permanent workers
(121)	(360)	(844)	(1 671)	(761)	(504)	Male
(252)	(618)	(971)	(1 494)	(452)	(191)	Female
716	1 659	2 070	1 713	540	408	Temporary workers
(505)	(1 189)	(1 457)	(1 180)	(342)	(294)	Male
(196)	(429)	(555)	(477)	(177)	(101)	Female
(15)	(41)	(58)	(56)	(21)	(13)	Under 15 years of age
						5 - FARM POPULATION
72 605	471 164	310 529	97 559	9 429	2 877	All persons
						Holders and members of their households
70 083	465 567	302 526	86 625	5 694	659	Number of persons
90 682	(159 861)	(106 280)	(31 531)	(2 097)	(247)	Male
83 536	(148 362)	(100 798)	(29 718)	(1 943)	(201)	Female
95 865	(157 344)	(95 448)	(25 376)	(1 654)	(211)	Under 15 years of age

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
Other persons living on the holding ⁶					
Number of persons	37 090	922	836	1 241	1 08
Male	(18 174)	(356)	(363)	(511)	(46)
Female	(18 916)	(566)	(473)	(730)	(62)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES					
Selected agricultural equipment on the holding owned by the holder					
Tractors (total) ⁷	74 604	793	652	1 152	1 42
Wheel tractors	(72 089)	(217)	(350)	(833)	(1 25
Tracklaying tractors	(263)	(7)	(7)	(12)	(1
Garden tractors	(2 252)	(569)	(295)	(307)	(16
Fertilizer distributors (total) ⁷	27 150	21	20	57	12
Animal-operated	(17 262)	(8)	(6)	(28)	(8
Tractor-operated	(9 888)	(13)	(14)	(29)	(4
Sprayers and dusters ⁷	2 833	114	41	56	4
Combines (harvester-threshers) (total) ⁷	4 422	6	2	4	1
Towed	(1 193)	(—)	(1)	(2)	(
Self-propelled	(3 229)	(6)	(1)	(2)	(
Grain driers ⁷	29 933	49	26	71	17
Milking machines (number of units)	40 448	9	7	17	4
Compressor-driven coolers	4 275	10	11	18	2
Lorries, cars, vans, etc.	36 341	2 474	2 114	2 756	2 02
Motorcycles, scooters, mopeds, etc.	45 227	2 083	3 164	4 867	4 13
Selected agricultural equipment used in the holding					
Holdings reporting the use of:					
Wheel tractors	218 395	9 124	15 699	26 872	22 86
Tracklaying tractors	4 798	40	113	234	331
Garden tractors	1 325	213	154	176	13
Fertilizer distributors					
Animal-operated	12 525	33	95	255	34
Tractor-operated	4 090	27	66	140	161
Sprayers and dusters	14 845	126	195	463	457
Combines (harvester-threshers) ⁸	15 903	190	492	822	627
Grain driers (power-operated)	21 021	102	275	779	857
Lorries	12 418	384	459	757	743
7 - IRRIGATION AND DRAINAGE					
Land actually irrigated					
Number of holdings reporting	1 663	292	164	172	118
Area	1 877	163	73	144	43
Land drained through covered drains					
Area	211 826	795	1 221	2 123	2 199

⁶ Refers to permanent employees living on the holding. - ⁷ Includes also equipment owned jointly by the holder and others. - ⁸ Self-propelled

BLE AREA OF HOLDING

under 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	
						Other persons living on the holding ⁶
2 522	5 597	8 003	10 934	3 735	2 218	Number of persons
(1 119)	(2 469)	(3 762)	(5 383)	(2 212)	(1 537)	Male
(1 403)	(3 128)	(4 241)	(5 551)	(1 523)	(681)	Female
						6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
						Selected agricultural equipment on the holding owned by the holder
4 392	17 835	28 995	16 221	2 239	897	Tractors (total) ⁷
(4 187)	(17 551)	(28 797)	(15 977)	(2 128)	(795)	Wheel tractors
(24)	(60)	(29)	(53)	(19)	(38)	Tracklaying tractors
(181)	(224)	(169)	(191)	(92)	(64)	Garden tractors
591	4 192	10 700	9 552	1 471	424	Fertilizer distributors (total) ⁷
(432)	(3 159)	(7 437)	(5 415)	(571)	(124)	Animal-operated
(159)	(1 033)	(3 263)	(4 137)	(900)	(300)	Tractor-operated
84	266	690	953	389	198	Sprayers and dusters ⁷
24	148	736	2 462	764	268	Combines (harvester-threshers) (total) ⁷
(8)	(61)	(212)	(639)	(196)	(71)	Towed
(16)	(87)	(524)	(1 823)	(568)	(197)	Self-propelled
972	6 204	12 095	8 941	1 156	249	Grain driers ⁷
324	3 808	16 200	17 058	2 192	785	Milking machines (number of units)
67	441	1 542	1 751	303	109	Compressor-driven coolers
3 425	7 451	8 733	6 147	908	308	Lorries, cars, vans, etc.
7 375	13 026	8 106	2 249	184	42	Motorcycles, scooters, mopeds, etc.
						Selected agricultural equipment used in the holding
						Holdings reporting the use of:
42 274	68 677	29 644	3 147	80	9	Wheel tractors
847	1 653	1 114	410	46	10	Tracklaying tractors
206	251	120	60	12	—	Garden tractors
1 162	4 330	5 135	1 144	20	2	Fertilizer distributors
386	1 052	1 541	693	22	2	Animal-operated
1 030	3 774	5 422	3 094	262	22	Tractor-operated
1 148	2 909	5 380	4 030	282	23	Sprayers and dusters
2 278	6 641	7 168	2 752	148	21	Combines (harvester-threshers) ⁸
1 474	3 680	3 326	1 401	161	33	Grain driers (power-operated)
						Lorries
						7 - IRRIGATION AND DRAINAGE
						Land actually irrigated
145	309	247	129	49	38	Number of holdings reporting
115	289	256	289	260	245	Area
						Land drained through covered drains
5 489	24 149	52 798	74 261	28 517	20 274	Area

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1959/60

FINLAND

	1950	1959/60		1950	1959/60
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings, by size			<i>Spring wheat</i>		
All sizes of holdings			Area	(175 949)	(119 329)
Number	465 655	387 962	Production	(270 203)	(200 115)
Area	15 534 357	15 959 621	Barley		
Holdings under 2 ha			Area	115 136	232 869
Number	203 905	103 184	Production	176 239	331 666
Area	1 177 803	1 184 943	Oats		
Holdings 2 and under 5 ha			Area	437 448	460 885
Number	99 400	101 173	Production	702 368	696 397
Area	3 445 597	3 338 935	Potatoes		
Holdings 5 and under 10 ha			Area	95 763	85 459
Number	88 434	101 848	Production	1 273 403	1 078 855
Area	4 138 165	4 724 274	Sugar beets		
Holdings 10 and under 20 ha			Area	10 124	14 504
Number	54 276	62 224	Permanent crops		
Area	3 860 172	4 064 597	Apples		
Holdings 20 and under 50 ha			Number of trees	2 819 447	2 400 053
Number	18 133	17 961	Pears		
Area	2 346 964	2 098 916	Number of trees	32 553	22 137
Holdings 50 and under 100 ha			Cherries		
Number	1 284	1 336	Number of trees	159 591	80 701
Area	364 721	359 898	Gooseberries		
Holdings 100 ha and over			Number of bushes	1 424 324	1 145 194
Number	223	237	Currants		
Area	200 935	188 058	Number of bushes	1 262 877	3 398 455
Average size of holding	33.0	41.1			
1 - LAND UTILIZATION			3 - LIVESTOCK AND POULTRY		
Utilization of land in holdings (area)			Horses		
Cropland	2 423 377	2 596 733	Number of horses	408 797	253 741
Arable land	(2 411 498)	(2 585 222)	Sheep		
Land under permanent crops ¹ ..	(11 879)	(11 511)	Number of sheep	1 219 913	380 811
Permanent meadows and pastures ..	304 754	*327 813	Pigs		
Wood or forest land	10 794 497	10 756 776	Number of pigs	445 617	466 900
All other land	2 011 729	2 278 299	Chickens		
			Number of chickens	5 009 411	5 551 641
			Bees		
			Number of beehives	24 475	19 512
2 - CROPS - AREA AND PRODUCTION²					
Crops on arable land					
Wheat (total)					
Area	188 770	139 186			
Production	295 714	242 549			
<i>Winter wheat</i>					
Area	(12 821)	(19 857)			
Production	(25 511)	(42 434)			

¹ Area under frames, greenhouses and garden vegetables is excluded from land under permanent crops and included under arable land. - ² Includes leas for grazing. - ³ Data on area obtained from the 1959 Census; production data from the 1960 sample census.

Date of the census and time reference

The agricultural census was taken on 1 June 1960. Enumerators were requested to forward the enumeration books of selected district electoral divisions not later than 30 June 1960. The returns for the other district electoral divisions were to be completed and forwarded not later than 31 August 1960.

Data on livestock and poultry refer to the evening of 1 June 1960; those relevant to employment in agriculture refer to 1 June 1960.

Method of collection and processing of census data

Census data were collected through a complete enumeration of all holdings of at least 0.25 acre (0.10 ha). Tabulation of some items was based on a 10 percent sample of holdings. For census purposes, the country was divided into enumeration districts, generally corresponding to the electoral divisions. Collection of data was carried out by means of a house-to-house inquiry. Enumerators recorded the data obtained from the owner of the holding, or a representative of the owner, in enumeration books, using a separate book for each enumeration district.

For the sample tabulation within each district electoral division, every tenth holding was selected using a random start.

In the following tables, data obtained from a sample of holdings are specifically indicated by footnotes and refer only to those of more than 1 acre (0.40 ha). Holdings of over 1 acre were excluded from the Dublin Metropolitan Garda district.

Scope and definition of items**0 - HOLDER, HOLDING AND TENURE***Holder*

The holder was defined as the civil or juridical person, normally the owner, responsible for the operation of the holding either directly or through a paid or unpaid manager. When the responsibility of operating the holding was shared by two or more related or associated persons, they were to be considered as constituting a single holder and the name of one of them was entered as the holder.

Holding

An agricultural holding was defined, for census purposes, as all land used wholly or partly for agricultural or livestock production, directed or managed by one person (the holder), alone or with the assistance of others, without regard to title,¹ size or location, and may be in one or more pieces if they are in the same neighborhood and are known and operated as a single holding or property. The census included only agricultural holdings above $\frac{1}{4}$ of an acre. For holdings of $\frac{1}{4}$ of an acre or less only data on livestock were collected. In the case of holdings operated by convents, educational institutions, country homes, mental hospitals, sanatoria, convalescent homes, etc., the whole area was reported as a holding.

In the case of holdings located in more than one enumeration district the area and all details relating to the different parts (parcels) of each such holding have been assembled, for the first

¹ See exceptions under "Area of the holding" (page 70).

IRELAND

time, to provide information for the entire holding. This procedure was followed in the 1950 Census only for data on the number of holdings. Land held in commonage and land in the possession of the Land Commission and not yet allotted was not considered as part of any holding.

Area of the holding. The classification of holdings by size was frequently based on the total area owned by the holder. This was because land held in conacre or on the 11-month system was included in the area of the holding of the rated occupier of the land and not in the holding of the person to whom it was let. Crops grown on such land or livestock grazing on it were treated similarly. However, in a longer term tenancy, the occupier was enumerated as the holder.

Parcel. A parcel was defined as all land entirely surrounded by land of other holdings or by land not forming part of any holding.

1 - LAND UTILIZATION

Arable land

This includes all areas devoted to field crops, vegetables, ryegrass for seed and grasses intended to be cut for hay in 1960, and permanent meadows but excluding rotation pastures. This category includes also areas devoted to the growing of horticultural bulbs, flowers, bushes, ornamental trees and nurseries of fruit trees.

Land under permanent crops

This includes areas devoted chiefly to the production of fruit, whether trees, bushes or small fruits. In the case of old orchards, where the main use of land was for the production of some other field crop or pasture, and not of fruit crops, the areas were to be reported under such crops or pasture.

Permanent pastures

This includes all land which is being grazed in 1960 and which was sown with grass seed in the years 1956-59 or in previous years, irrespective of whether the grass was cut for hay or used for grazing in any of the intervening years. It also includes rotation pastures under five years.

All other land

This includes all areas under wood and plantations, and areas devoted to the raising of young forest trees, with the exception of shelterbelts and hedgerow timber. In addition, this category includes areas under rough grazing, turf bog, marsh, water, roads and building ground.

2 - CROPS

Data on crop areas represent the gross area, i.e., all headlands, fences, ditches, etc., attributable to each field and were included with the corresponding crop.

3 - LIVESTOCK AND POULTRY

Figures refer to all livestock on the holding or owned by the holder but grazing on commonage. Livestock not at grass but owned by landless stockholders was also enumerated.

4 - EMPLOYMENT IN AGRICULTURE

Data on this section refer to the number of males 14 years of age and over working on the holding on 1 June 1960. Only persons whose principal occupation was in agriculture were included. Agricultural laborers on large holdings who reside on a small holding have been reported only on the holding where the major part of their work was performed.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data include all machines and implements owned by persons living on the holding. They do not include machines which were no longer serviceable.

* * *

SOURCES: Ireland. *Agricultural statistics 1960*. Dublin, Central Statistics Office. For data on 1950 see FAO. *Report on the 1950 World Census of Agriculture*. Volume I. *Census results by countries*. Rome, 1955.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

IRELAND

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	360 113
Area	5 785 332

Fragmentation ¹

Number of holdings reporting	289 500
Number of parcels in the holdings reporting	430 640
Average number of parcels per holding	1.5
Number of holdings consisting of:	
1 parcel	194 297
2-3 parcels	85 734
4-5 parcels	7 576
6 parcels and over	1 893

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Arable land	1 472 653
Land under permanent crops	4 480
Permanent pastures	3 055 156
All other land	1 253 043

2 - CROPS ² - AREA AND PRODUCTION

Crops on arable land

Wheat

Number of holdings reporting	50 735
Area	147 913
Production	469 415

Rye

Area	928
Production	2 032

Barley

Area	132 706
Production	441 982

Oats

Number of holdings reporting	175 397
Area	172 235
Production	425 725

Edible dry beans and peas

Area	1 877
------------	-------

Potatoes

Number of holdings reporting	221 746
Area	94 519
Production	1 828 890

Turnips

Number of holdings reporting	100 054
Area	41 614
Production	2 192 636

Mangels and fodder beets

Number of holdings reporting	86 322
Area	27 031

Sugar beets

Number of holdings reporting	24 898
Area	27 633
Production	951 023

Other root and green crops

Number of holdings reporting	225 924
Area	6 007

Kale and field cabbage

Area	13 738
------------	--------

Grasses cut ¹ or hay (first year)

Area	132 532
------------	---------

Other hay (including permanent meadows)

Area	658 768
------------	---------

Vegetables

Area	6 013
------------	-------

Horticultural bulbs, flowers and bushes

Area	629
------------	-----

Ryegrass for seed

Area	8 907
------------	-------

3 - LIVESTOCK AND POULTRY ²

Horses, mules and asses

Horses

Number of holdings reporting	144 179
Number of horses	222 029

Mules and asses

Number of holdings reporting	67 791
Number of mules and asses	81 898

Cattle

Number of holdings reporting	253 948
Total number of cattle	4 734 401
Cattle under 2 years of age	
Male	2 198 786
Female	(1 152 939)
Calves under 1 year of age	
Male	1 102 644
Female	(561 629)
Young stock 1 year of age and under 2 years	
Male	1 096 142
Female	(591 310)
Cattle 2 years of age and over	
Male	1 112 099
Female	(734 976)
Cows	
Used primarily for milk production	1 283 787
Heifers in calf	121 438
Bulls	18 291

Holdings reporting specified number of cattle

1 head	3 978
2 to 4 head	34 944
5 to 10 head	74 195
11 to 19 head	65 293
20 to 49 head	59 342
50 to 99 head	13 308
100 or more head	2 888

Sheep

Number of holdings reporting	86 830
Total number of sheep	4 290 428
Lambs under 1 year of age	(1 821 338)
Sheep 1 year of age and over	(585 505)
Sheep kept for breeding purposes	(1 883 585)

Pigs

Number of holdings reporting	110 880
Total number of pigs	929 733
Pigs under 3 months of age	(408 325)
Pigs 3 months of age and over	(409 697)
Sows and gilts for breeding	(109 100)
All other pigs	(2 611)

Poultry

Number of holdings reporting	226 652
Number of ducks	457 014
Number of geese	438 749
Number of turkeys	977 151
Number of fowl	11 123 927

¹ Data based on 10 percent sample of holdings only with an area of over 1 acre (0.40 hectare). - ² Data on number of holdings reporting are based on 10 percent sample of holdings only with an area of over 1 acre.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

IRELAND

Not classified by size of holding

4 - EMPLOYMENT IN AGRICULTURE

Males employed in agricultural work on the holding	
All persons	382 836
Holders and male family workers	294 425
14 years of age and under 18	(19 431)
18 years of age and over	(274 994)
Other male workers	88 411
Permanent	50 555
14 years of age and under 18	(3 502)
18 years of age and over	(47 053)
Temporary	37 856
14 years of age and under 18	(2 823)
18 years of age and over	(35 033)

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment on the holding (number)	
Electric motors	26 435
Other stationary engines	3 341
Tractors (total)	43 567
Under 20 hp	(6 772)
20 hp and less than 35	(25 530)
35 hp and over	(11 265)
Plows	192 128
Harrows (total)	181 255
Disk harrows	(20 771)
Other harrows	(160 484)

Seed drills (total)	20 331
Seed drills (corn)	(14 542)
Combined	(5 789)
Fertilizer distributors	11 059
Cultivators	62 449
Sprayers (total)	83 296
Knapsack	(75 515)
Other	(7 781)
Farmyard manure spreaders	4 662
Mowers (total)	98 920
Animal-operated	(82 115)
Tractor-operated	(16 805)
Hay rakes	108 855
Reapers and binders	19 773
Combines (harvester-threshers)	4 277
Potato diggers	18 574
Forage harvesters	688
Green crop loaders	654
Pickup balers	1 644
Threshing mills	2 892
Grinding and crushing mills	8 421
Milking machines	10 454
Carts	217 404
Trailers	41 082
Automobiles	46 136
Motor lorries, vans and station wagons...	13 513

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

IRELAND

Classified by size of holding

	All sizes of holdings	0.1 and under 0.4 ha	0.4 and under 2.0 ha	2.0 and under 4.0 ha	4.0 and under 12.1 ha	12.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 and under 80.9 ha	80.9 and under 121.4 ha	121.4 ha and over
		0.25 and under 1 acre	1 and under 5 acres	5 and under 10 acres	10 and under 30 acres	30 and under 50 acres	50 and under 100 acres	100 and under 200 acres	200 and under 300 acres	300 acres and over
0 - HOLDER, HOLDING AND TENURE										
Number and area of holdings										
Number	360 113	69 805	23 312	24 113	96 658	62 056	54 209	22 884	4 301	2 775
Percentage distribution	100.0	19.4	6.5	6.7	26.8	17.2	15.0	6.4	1.2	0.8
Area	5 785 332	22 469	30 145	77 630	812 033	994 637	1 544 130	1 267 289	422 931	614 068
Percentage distribution	100.0	0.4	0.5	1.3	14.1	17.2	26.7	21.9	7.3	10.6
Fragmentation ¹										
Number of holdings reporting	289 500	—	22 836	23 994	96 519	62 014	54 186	22 879	4 298	2 774
Number of parcels in the holdings reporting	430 640	—	26 375	30 612	134 761	95 953	88 395	39 885	8 412	6 247
Average number of parcels per holding	1.5	—	1.2	1.3	1.7	1.5	1.6	3.5	2.0	2.3
Number of holdings consisting of:										
1 parcel	194 297	—	20 247	19 238	68 101	38 152	32 630	12 570	2 073	1 286
2-3 parcels	85 734	—	2 435	4 276	26 705	21 672	18 950	8 722	1 853	1 121
4-5 parcels	7 576	—	113	381	1 336	1 787	2 143	1 289	248	279
6 parcels and over	1 893	—	41	99	377	403	463	298	124	88
1 - LAND UTILIZATION										
Utilization of land in holdings (area)										
Arable land	1 472 653	14 952	12 244	25 826	232 744	270 691	409 740	325 403	95 379	85 674
Land under permanent crops	4 480	148	146	117	446	485	933	1 078	457	670
Permanent pastures	3 055 156	6 154	14 299	41 021	458 860	562 724	843 175	674 167	220 865	233 891
All other land	1 253 043	1 215	3 456	10 666	119 983	160 737	290 282	266 641	106 230	293 833
2 - CROPS ² - AREA										
Crops on arable land										
Wheat										
Number of holdings reporting ..	50 735	—	800	1 149	8 519	11 529	15 464	9 893	2 133	1 248
Area	147 913	311	484	900	9 489	16 863	39 021	47 298	16 684	16 863
Rye										
Area	928	3	19	43	304	217	172	75	14	81
Barley										
Area	132 706	596	433	932	9 590	17 243	37 858	41 051	13 141	11 862
Oats										
Number of holdings reporting ..	175 397	—	4 314	9 175	58 339	43 046	38 916	16 504	3 110	1 993
Area	172 235	771	1 020	3 118	31 549	35 171	48 903	34 850	9 278	7 575
Edible dry beans and peas										
Area	1 877	5	9	17	89	82	332	546	283	514
Potatoes										
Number of holdings reporting ..	221 746	—	10 811	14 187	72 373	51 560	46 951	19 859	3 682	2 323
Area	94 519	4 636	1 998	3 412	24 191	21 362	22 450	11 809	2 545	2 116
Turnips										
Number of holdings reporting ..	100 054	—	947	2 264	21 624	25 067	30 734	14 929	2 853	1 636
Area	41 614	227	194	448	4 515	7 017	12 765	11 243	3 055	2 150
Mangels and fodder beets										
Number of holdings reporting ..	86 322	—	843	1 889	17 744	22 025	26 991	13 090	2 412	1 328
Area	27 031	169	148	329	3 405	5 390	8 789	6 230	1 486	1 085
Sugar beets										
Number of holdings reporting ..	24 898	—	261	318	3 881	5 810	8 321	4 798	1 010	499
Area	27 633	19	114	234	2 686	4 613	8 722	7 406	2 094	1 745
Other root and green crops										
Number of holdings reporting ..	225 924	—	11 336	14 548	73 326	52 351	47 648	20 456	3 832	2 427
Area	6 007	318	220	157	637	599	1 160	1 354	586	976
Kale and field cabbage										
Area	13 738	43	29	86	865	1 430	3 446	4 339	1 569	1 931
Grasses cut for hay (first year)										
Area	132 532	532	457	1 489	15 980	21 220	37 529	34 324	10 722	10 279

¹ Data based on 10 percent sample of holdings only with an area of over 1 acre (0.40 hectare). — ² Data on number of holdings reporting are based on 10 percent sample of holdings only with an area of over 1 acre.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

IRELAND

Classified by size of holding

	All sizes of holdings	0.1 and under 0.4 ha	0.4 and under 2.0 ha	2.0 and under 4.0 ha	4.0 and under 12.1 ha	12.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 and under 80.9 ha	80.9 and under 121.4 ha	121.4 ha and over
		0.25 and under 1 acre	1 and under 5 acres	5 and under 10 acres	10 and under 30 acres	30 and under 50 acres	50 and under 100 acres	100 and under 200 acres	200 and under 300 acres	300 acres and over
Other hay (incl. permanent meadows)										
Area	658 768	6 136	6 558	14 173	126 481	136 721	185 328	122 487	33 256	27 628
Vegetables										
Area	6 013	1 171	526	348	1 051	771	863	661	214	408
Horticultural bulbs, flowers and bushes										
Area	629	34	77	38	105	62	70	108	36	99
Ryegrass for seed										
Area	8 907	6	17	140	1 883	1 952	2 405	1 683	422	399
3 - LIVESTOCK AND POULTRY ^a										
Horses, mules and asses										
Horses										
Number of holdings reporting ..	144 179	—	2 081	4 197	38 886	38 630	38 828	16 400	3 161	1 996
Number of horses	222 029	2 382	2 448	4 760	45 532	52 484	63 266	33 402	8 420	9 335
Mules and asses										
Number of holdings reporting ..	67 791	—	3 842	5 684	28 064	16 555	10 083	2 682	452	429
Number of mules and asses	81 898	7 204	4 012	6 134	30 264	18 127	11 514	3 445	577	621
Cattle										
Number of holdings reporting	253 948	—	10 417	17 100	85 972	58 757	52 468	22 449	4 178	2 607
Total number of cattle	4 734 401	16 234	33 766	84 917	780 162	890 013	1 335 928	1 015 093	298 345	279 943
Cattle under 2 years of age ...	2 198 786	7 182	15 728	44 091	408 258	446 813	628 158	437 204	114 940	96 412
Male	(1 152 939)	(3 348)	(7 722)	(22 651)	(217 303)	(234 225)	(324 382)	(229 859)	(61 458)	(51 991)
Female	(1 045 847)	(3 834)	(8 006)	(21 440)	(190 955)	(212 588)	(303 776)	(207 345)	(53 482)	(44 421)
Calves under 1 year of age ...	1 102 644	5 234	9 390	24 189	208 207	228 518	317 713	210 872	52 740	45 781
Male	(561 629)	(2 334)	(4 281)	(11 555)	(106 714)	(116 262)	(160 482)	(108 514)	(27 437)	(24 050)
Female	(541 015)	(2 900)	(5 109)	(12 634)	(101 493)	(112 256)	(157 231)	(102 358)	(25 303)	(21 731)
Young stock 1 year of age and under 2 years	1 096 142	1 948	6 338	19 902	200 051	218 295	310 445	226 332	62 200	50 631
Male	(591 310)	(1 014)	(3 441)	(11 096)	(110 589)	(117 963)	(163 900)	(121 345)	(34 021)	(27 941)
Female	(504 832)	(934)	(2 897)	(8 806)	(89 462)	(100 332)	(146 545)	(104 987)	(28 179)	(22 690)
Cattle 2 years of age and over ..	1 112 099	764	3 119	9 967	121 430	160 412	286 015	295 325	112 663	122 404
Male	(734 976)	(499)	(1 842)	(6 009)	(76 509)	(101 012)	(180 920)	(195 879)	(79 768)	(53 538)
Female	(377 123)	(265)	(1 277)	(3 958)	(44 921)	(59 400)	(105 095)	(99 446)	(32 895)	(29 866)
Cows										
Used primarily for milk pro- duction	1 283 787	8 124	14 493	29 512	235 717	261 636	381 769	245 790	58 319	48 427
Heifers in calf	121 438	156	407	1 310	14 102	19 348	33 891	30 609	10 593	11 022
Bulls	18 291	8	19	37	655	1 804	6 095	6 165	1 830	1 678
Sheep										
Number of holdings reporting	86 830	—	1 353	2 909	21 237	20 946	22 317	13 078	2 901	2 089
Total number of sheep	4 290 428	5 826	26 245	68 980	577 910	759 172	1 111 176	970 708	347 663	422 748
Lambs under 1 year of age ...	(1 821 358)	(2 401)	(9 196)	(23 183)	(237 255)	(324 262)	(477 973)	(426 508)	(150 752)	(169 808)
Sheep 1 year of age and over ..	(585 505)	(707)	(4 579)	(13 966)	(87 223)	(106 769)	(151 494)	(114 106)	(44 188)	(62 473)
Sheep kept for breeding purposes	(1 883 585)	(2 718)	(12 470)	(31 831)	(253 432)	(328 141)	(481 709)	(430 094)	(152 723)	(190 467)
Pigs										
Number of holdings reporting	110 880	—	2 399	3 478	30 029	28 267	29 698	13 347	2 358	1 304
Total number of pigs	929 733	26 445	14 332	16 145	144 402	186 338	282 258	174 055	41 260	44 498
Pigs under 3 months of age ...	(408 325)	(9 737)	(4 696)	(6 696)	(70 314)	(88 896)	(125 999)	(70 566)	(15 607)	(15 814)
Pigs 3 months of age and over ..	(409 697)	(14 999)	(8 675)	(8 154)	(57 973)	(74 292)	(120 034)	(81 412)	(20 539)	(23 619)
Sows and gilts for breeding ...	(109 100)	(1 600)	(914)	(1 242)	(15 799)	(22 745)	(35 578)	(21 523)	(4 923)	(4 776)
All other pigs	(2 611)	(109)	(47)	(53)	(316)	(405)	(647)	(554)	(191)	(289)
Poultry										
Number of holdings reporting	226 652	—	12 406	15 091	73 796	52 209	47 099	20 089	3 704	2 258
Number of ducks	457 014	18 878	7 973	15 053	108 648	105 399	118 104	62 435	13 383	7 141
Number of geese	438 749	5 130	3 563	7 412	86 332	110 736	139 286	68 898	11 901	5 491
Number of turkeys	977 151	59 909	19 432	28 463	237 432	225 996	246 916	122 141	21 264	15 598
Number of fowl	11 123 927	672 125	366 287	433 295	2 876 969	2 429 377	2 533 942	1 320 805	270 262	220 865

^a Data on number of holdings reporting are based on 10 percent sample of holdings only with an area of over 1 acre.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

IRELAND

Classified by size of holding

	All sizes of holdings	0.1 and under 0.4 ha	0.4 and under 2.0 ha	2.0 and under 4.0 ha	4.0 and under 12.1 ha	12.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 and under 80.9 ha	80.9 and under 121.4 ha	121.4 ha and over
		0.25 and under 1 acre	1 and under 5 acres	5 and under 10 acres	10 and under 30 acres	30 and under 50 acres	50 and under 100 acres	100 and under 200 acres	200 and under 300 acres	300 acres and over
4 - EMPLOYMENT IN AGRICULTURE										
Males employed in agricultural work on the holding										
All persons	382 836	4 393	7 495	14 413	96 386	83 550	93 225	55 235	13 810	14 329
Holders and male family workers	294 425	3 965	6 211	12 747	86 447	72 053	71 046	32 534	6 051	3 371
14 years of age and under 18	(19 431)	(325)	(555)	(764)	(5 329)	(4 896)	(4 825)	(2 128)	(418)	(191)
18 years of age and over ..	(274 994)	(3 640)	(5 656)	(11 983)	(81 118)	(67 157)	(66 221)	(30 406)	(5 633)	(3 180)
Other male workers	88 411	428	1 284	1 666	9 939	11 497	22 179	22 701	7 759	10 958
Permanent	50 555	145	511	608	3 701	4 753	11 602	14 750	5 619	8 866
14 years of age and under 18	(3 502)	(12)	(30)	(50)	(375)	(577)	(1 032)	(899)	(241)	(286)
18 years of age and over ..	(47 053)	(133)	(481)	(558)	(3 326)	(4 176)	(10 570)	(13 851)	(5 678)	(8 580)
Temporary	37 856	283	773	1 058	6 238	6 744	10 577	7 951	2 140	2 092
14 years of age and under 18	(2 823)	(25)	(89)	(83)	(482)	(460)	(741)	(586)	(167)	(190)
18 years of age and over ..	(35 033)	(258)	(684)	(975)	(5 756)	(6 284)	(9 836)	(7 365)	(1 973)	(1 902)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES										
Selected agricultural equipment on the holding (number)										
Electric motors	26 435	216	405	272	1 511	2 512	7 672	8 643	2 600	2 604
Other stationary engines	3 341	38	60	42	233	273	777	1 058	397	463
Tractors (total)	43 567	248	293	417	3 989	6 364	13 181	12 266	3 545	3 264
Under 20 hp	(6 772)	(22)	(98)	(149)	(1 064)	(1 433)	(2 085)	(1 346)	(325)	(250)
20 hp and less than 35	(25 530)	(137)	(134)	(198)	(2 313)	(3 919)	(8 315)	(7 183)	(1 824)	(1 507)
35 hp and over	(11 265)	(89)	(61)	(70)	(612)	(1 012)	(2 781)	(3 737)	(1 396)	(1 507)
Plows	192 128	388	939	3 255	45 134	50 130	55 474	27 599	5 495	3 714
Harrows (total)	181 255	278	753	2 725	39 311	44 901	52 704	29 382	6 538	4 663
Disk harrows	(20 771)	(63)	(89)	(178)	(2 170)	(3 072)	(5 987)	(5 987)	(1 796)	(1 429)
Other harrows	(160 484)	(215)	(664)	(2 547)	(37 141)	(41 829)	(46 717)	(23 395)	(4 742)	(3 234)
Seed drills (total)	20 331	41	28	67	1 007	2 424	6 599	6 720	1 966	1 479
Seed drills (corn)	(14 542)	(20)	(11)	(48)	(807)	(2 042)	(5 259)	(4 563)	(1 084)	(708)
Combined	(5 789)	(21)	(17)	(19)	(200)	(382)	(1 340)	(2 157)	(882)	(771)
Fertilizer distributors	11 059	13	12	12	198	639	2 915	4 461	1 504	1 305
Cultivators	62 449	114	216	699	11 306	15 036	18 632	11 382	2 884	2 180
Sprayers (total)	83 296	281	711	2 381	27 310	21 968	19 159	8 094	1 785	1 607
Knapsack	(75 515)	(250)	(658)	(2 299)	(26 371)	(20 664)	(16 922)	(6 264)	(1 142)	(945)
Other spraying machines	(7 781)	(31)	(53)	(82)	(939)	(1 304)	(2 237)	(1 830)	(643)	(662)
Farmyard manure spreaders ...	4 662	8	13	13	133	242	998	1 797	758	700
Mowers (total)	98 920	132	130	547	15 770	25 371	32 867	17 750	3 781	2 572
Animal-operated	(82 115)	(46)	(75)	(440)	(14 434)	(23 032)	(27 940)	(12 645)	(2 196)	(1 307)
Tractor-operated	(16 805)	(86)	(55)	(107)	(1 336)	(2 339)	(4 927)	(5 105)	(1 585)	(1 265)
Hay rakes	108 855	109	223	688	15 198	26 210	37 296	21 563	4 560	3 008
Reapers and binders	19 773	41	35	70	1 138	2 599	6 984	6 372	1 528	1 006
Combines (harvester-threshers) .	4 277	22	24	19	170	215	810	1 611	715	691
Potato diggers	18 574	16	46	139	2 185	3 529	6 295	4 570	1 043	751
Forage harvesters	688	—	1	1	7	17	84	187	111	280
Green crop loaders	654	—	2	1	28	44	78	195	116	190
Pickup balers	1 644	3	8	4	45	94	238	534	278	440
Threshing mills	2 892	41	32	48	426	515	800	614	188	228
Grinding and crushing mills ...	8 421	23	39	28	253	517	1 983	3 185	1 234	1 159
Milking machines	10 454	1	2	7	195	798	3 865	4 059	958	569
Carts	217 404	4 474	2 942	6 331	56 808	54 762	57 615	26 267	4 944	3 261
Trailers	41 082	191	209	354	3 173	5 536	12 880	12 504	3 399	2 836
Automobiles	46 136	1 515	1 133	972	5 032	7 271	14 297	11 248	2 800	1 868
Motor lorries, vans and station wagons	13 514	372	292	366	2 046	2 531	4 024	2 546	599	738

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SELECTED DATA FROM CENSUSES
 OF 1950 AND 1960

IRELAND

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE			Potatoes		
Number and area of holdings			Area	141 401	94 519
Number	379 487	360 113	Sugar beets		
Area	5 893 448	5 785 332	Area	24 076	27 633
1 - LAND UTILIZATION			3 - LIVESTOCK AND POULTRY		
Utilization of land in holdings (area)			Cattle		
Arable land	1 573 514	1 472 653	Number of cattle	4 126 758	4 733 501
Land under permanent crops	5 145	4 480	Sheep		
Permanent pastures	3 102 509	3 055 156	Number of sheep	2 192 468	4 290 428
All other land	1 212 280	1 253 043	Pigs		
2 - CROPS - AREA			Number of pigs	674 959	929 733
Crops on arable land			6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Wheat			Selected agricultural equipment on the holding (number)		
Area	146 798	147 913	Tractors	10 025	43 567
Barley			Combines (harvester-threshers)	347	4 277
Area	63 538	132 706			
Oats					
Area	277 629	172 235			

¹ Includes 69,930 hectares of wood and plantation land.

Date of the census and time reference

The agricultural census started on 1 February 1960.

Data relating to number and area of holdings, fragmentation, land tenure, land utilization, live-stock and poultry and farm population refer to the date of the census. Information on crops, fertilizers, employment in agriculture, irrigation and agricultural machinery refers to the agricultural year 1959/60.

Method of collection and processing of census data

The agricultural and forestry census included:

- (a) farm household census, census of institutional holdings and the census of rural communes;
- (b) forestry census, including the census of forestry households, forestry enterprises and forestry areas.

This report deals only with the farm household census.

The agricultural census was conducted by the Statistics and Survey Division of the Ministry of Agriculture and Forestry. This agency was responsible for the census planning, preparation of questionnaires, listing sheets, enumeration manuals, etc.

As a preliminary step prior to the actual enumeration, rural communes were readjusted, enumeration districts were established and a checklist was drawn up. In order to facilitate the enumeration as well as to avoid overlapping or omissions of farm households, the agricultural communes with more than 50 farm households were divided into two or more enumeration districts, while those having less than 50 farm house-

holds were considered as one enumeration district.

Listing sheets for farm households were prepared by enumerators through visits to the households in their enumeration districts.

To collect census data, enumerators paid a visit to every farm household. They were also responsible for the collection of data on institutional holdings.

The tabulation of the farm household's data by size was based on a 5 percent sample. For the sample selection, the rural commune was considered as the sampling unit. In districts where no rural communes existed in the outskirts of cities, every city, town or village was considered as a sampling unit. Thus, rural communes were systematically selected in the sample, and census questionnaires in the selected communes were punched for tabulation by electronic computers.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The head of the household was considered as the holder.

Holding

A holding (farm household) was defined as a household engaged in agricultural activities, either operating cultivated land of 1 *tan* (approximately 0.1 ha) or more in the eastern part of Japan, or 5 *se* (approximately 0.05 ha) or more in the western part of Japan, otherwise selling agricultural products per year for more than 20,000 yen (approximately U.S.\$55).

Units other than farm households satisfying the above conditions were considered as institutional holdings.

JAPAN

Area of the holding (agricultural area). It was considered as the aggregate of cultivated land (paddy fields, upland fields, orchards and compact plantations) under management, forest land used for grazing or mowing purposes, residence lots, wasteland, waterways, ponds and roads. It excluded forest land not used for grazing or mowing. This area was used as a basis for the classification of holdings by size.

Tenure

Area owned includes land owned either by the holder or by any of the members of his family or used on the basis of a title similar to ownership.

Area rented includes all other land not owned.

1 - LAND UTILIZATION

Cropland

This category includes paddy fields, fruit trees, tea, mulberry plantations, area under hothouses, temporary fodder crops and ordinary upland fields.

Wood or forest land

This includes wood or forest land used for mowing or grazing purposes.

All other land

This refers to areas under building sites and other land not used for agricultural purposes, i.e., waterways, roads, etc.

4 - EMPLOYMENT IN AGRICULTURE

Data exclude persons under 16 years of age. Employment in agriculture indicates the employment status in the census year.

Permanent workers are those persons employed by a long-term contract over 7 months during 1960.

Seasonal workers are those persons employed for a period of 1 to 7 months during 1960.

5 - FARM POPULATION

Data refer to persons who are usually members of the farm family, and whose source of livelihood rests with the family concerned. They ordinarily dwell in the same residential houses belonging to the same family budgets or management units. Seasonal migrant workers or employees are included under this section but inmates or lodgers are excluded.

* * *

SOURCES: Japan. Ministry of Agriculture and Forestry. Statistics and Survey Division. *The 1960 Census of Agriculture and Forestry in Japan*. Tokyo. For data on 1950 see FAO. *Report on the 1950 World Census of Agriculture*. Volume I. *Census results by countries*. Rome, 1955.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

JAPAN
Farm households
Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and agricultural area of holdings ¹

Number 6 056 534
Area ² 7 141 941

Fragmentation of cultivated land

Number of holdings reporting 5 957 555
Number of parcels in the holdings reporting 30 986 260
Average number of parcels per holding 5.2

Number and agricultural area of holdings, by tenure ³

Holdings operated under one form of tenure
Holdings owned by the holder or in ownerlike possession ⁴
Number 4 552 382
Area 5 848 603

Holdings rented from others ⁴
Number 177 989
Area 64 277

Holdings operated under more than one form of tenure ⁵

Number 1 308 582
Area 1 228 414

Agricultural area in holdings, by tenure

Area owned by the holder or in ownerlike possession 6 676 273
Area rented from others and under other forms of tenure 465 668

1 - LAND UTILIZATION

Utilization of agricultural land in holdings

Arable land
Number of holdings reporting 6 000 003
Area 5 679 418

Land under permanent crops
Number of holdings reporting 1 526 635
Area 366 822

Grassland
Number of holdings reporting 539 233
Area ⁶ 401 274

Forest land used for mowing or grazing
Number of holdings reporting 306 309
Area 231 888

All other land
Number of holdings reporting 6 056 534
Area 462 539

2 - CROPS - AREA AND PRODUCTION

Crops on arable land

Wheat

Number of holdings reporting 3 578 016
Area 597 050
Production 1 061 665

Rye

Number of holdings reporting 18 538
Area ⁶ 1 710
Production ⁶ 3 664

Rice

Number of holdings reporting 5 363 668
Area 3 257 722
Production 12 487 153

Millet

Area 51 736
Production 174 142

Sorghum

Number of holdings reporting 71 988
Area ⁶ 2 459
Production 2 810

Maize

Number of holdings reporting 490 367
Area ⁶ 40 701
Production ⁶ 115 548

Barley

Number of holdings reporting 3 900 261
Area 887 410
Production ⁶ 2 469 900

Oats

Number of holdings reporting 204 283
Area ⁶ 77 779
Production ⁶ 179 968

Buckwheat

Number of holdings reporting 497 379
Area 46 490
Production 44 676

Soybeans

Number of holdings reporting 3 215 338
Area 336 841
Production 424 011

Dry broad beans

Number of holdings reporting 646 036
Area 19 938
Production 24 079

" Azuki " beans

Number of holdings reporting 2 434 094
Area 143 557
Production 155 796

Kidney beans

Number of holdings reporting 231 868
Area 101 042
Production 148 056

Edible dry peas

Number of holdings reporting 353 370
Area 12 042
Production 17 313

Cowpeas

Number of holdings reporting 745 390
Area 16 286
Production 16 219

Broad beans, cowpeas and kidney beans

Number of holdings reporting 1 515 772
Area 127 988
Production 188 354

Potatoes

Number of holdings reporting 4 246 360
Area ⁶ 200 683
Production 3 258 122

Sweet potatoes

Number of holdings reporting 3 896 269
Area 361 780
Production 6 280 260

Cocoyam (taro)

Number of holdings reporting 2 770 512
Area 38 099

¹ Excludes 7,260 institutional holdings and 254,119 households operating cultivated land below the minimum area limit used in the holding definition. - ² Total area, excluding forest land not used for mowing and grazing purposes. - ³ Excludes 17,581 small farm households with 647 hectares of agricultural land. - ⁴ Respectively, mainly owned (90 percent) and mainly rented (90 percent). - ⁵ Excludes 324,597 hectares of pastureland and 226,258 hectares of grazing land commonly used by farm households in rural communes. - ⁶ Nonrevised figures.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

JAPAN
Farm households
Not classified by size of holding

Sugarcane	
Number of holdings reporting	64 076
Area	6 732
Production	195 319
Sugar beets	
Area	39 679
Production	994 105
Cotton	
Number of holdings reporting	18 905
Area ⁶	416
Production	269
Flax	
Number of holdings reporting	35 181
Area	12 141
Production	34 800
Hemp	
Number of holdings reporting	14 112
Area	2 290
Production ⁷	1 134
Jute	
Area	375
Production	681
Ramie	
Number of holdings reporting	3 853
Area	1 421
Production	1 244
Groundnuts (peanuts)	
Number of holdings reporting	465 784
Area	42 739
Production	93 530
Sesame	
Number of holdings reporting	399 584
Area	8 271
Production	4 860
Rapeseed	
Number of holdings reporting	1 580 078
Area	187 169
Production	260 555
Tobacco	
Number of holdings reporting	329 608
Area	61 468
Production	128 536
Other industrial crops ⁸	
Area ⁶	7 354
Production	94 226
Ryè (immature) for forage	
Number of holdings reporting	92 964
Area ⁶	6 293
Maize (immature) for forage	
Number of holdings reporting	177 152
Area	49 846
Soybeans (immature) for forage	
Number of holdings reporting	52 679
Area	3 879
Chinese milk vetch for feed	
Number of holdings reporting	438 361
Area	68 895
Grasses for forage	
Area	128 046
Fodder crops	
Number of holdings reporting	649 330
Area	233 202

Cabbage and pickles	
Area ⁶	94 844
Spinach	
Number of holdings reporting	1 988 023
Area	18 754
Watermelons	
Number of holdings reporting	1 529 112
Area	32 572
Pumpkins and squash	
Number of holdings reporting	2 312 403
Area	26 453
Cucumbers	
Number of holdings reporting	3 692 617
Area	24 380
Eggplants	
Number of holdings reporting	4 050 867
Area ⁶	27 773
Tomatoes	
Number of holdings reporting	1 248 097
Area	11 943
Onions	
Number of holdings reporting	1 992 989
Area	24 843
Welsh onions	
Number of holdings reporting	2 862 338
Area	24 577
Carrots	
Number of holdings reporting	2 560 337
Area	19 149
Radishes	
Number of holdings reporting	4 871 752
Area	99 099
Turnips	
Number of holdings reporting	1 116 547
Area	8 962
Burdock and edible roots of lotus	
Area ⁶	20 429
Soybeans (harvested green)	
Number of holdings reporting	180 223
Area	5 572
Broad beans (harvested green)	
Number of holdings reporting	398 902
Area	10 660
Kidney beans (harvested green)	
Number of holdings reporting	404 962
Area	9 969
Peas (harvested green)	
Number of holdings reporting	921 528
Area	18 951
Maize (harvested green)	
Number of holdings reporting	707 013
Area	25 466
Vegetables	
Number of holdings reporting	5 442 890
Area ⁶	477 793
Vegetables in hotheouses	
Number of holdings reporting	7 633
Area ⁶	320

⁶ Nonrevised figures. - ⁷ As dried stalk - ⁸ Includes mat rushes and shichito-i (*Cyperus malascensis*).

Area: in hectares
Production: in metric tons
(unless otherwise specified)

JAPAN
Farm households
Not classified by size of holding

Other crops in hothouses	
Number of holdings reporting	5 872
Area ⁶	317
Horticultural cultivation	
Number of holdings reporting	19 294
Area ⁶	883
Other crops ⁹	
Number of holdings reporting	895 362
Area ⁶	223 561
Seeds and seedlings for vegetables	
Number of holdings reporting	23 504
Area ⁶	1 783
Chinese milk vetch for green manure uses	
Number of holdings reporting	417 502
Area	140 258
Permanent crops	
Oranges	
Number of holdings reporting	70 180
Area in compact plantations	10 124
Under trees of productive age	(7 028)
Under trees of nonproductive age ⁶	(3 096)
Mandarines	
Number of holdings reporting	210 062
Area in compact plantations	60 540
Under trees of productive age	(41 731)
Under trees of nonproductive age	(18 809)
Other citrus fruits	
Number of holdings reporting	25 416
Area in compact plantations	4 792
Under trees of productive age	(3 523)
Under trees of nonproductive age	(1 269)
Oranges, mandarines and other citrus fruits	
In compact plantations	
Number of holdings reporting	269 369
Area	75 456
Under trees of productive age	(52 282)
Under trees of nonproductive age	(23 174)
Number of scattered trees	4 453 444
Apples	
Number of holdings reporting	293 423
In compact plantations	
Number of holdings reporting	149 571
Area	59 989
Under trees of productive age	(48 050)
Under trees of nonproductive age	(11 939)
Number of scattered trees	1 034 203
Pears	
Number of holdings reporting	98 575
In compact plantations	
Area	18 250
Under trees of productive age	(13 295)
Under trees of nonproductive age	(4 955)
Number of scattered trees	914 440
Loquats	
Number of holdings reporting	23 415
In compact plantations	
Area	3 138
Under trees of productive age	(2 714)
Under trees of nonproductive age ⁶	(424)
Number of scattered trees	539 713
Japanese apricots	
Number of holdings reporting	72 943
In compact plantations	
Area	8 154
Under trees of productive age	(7 679)
Under trees of nonproductive age ⁶	(475)
Number of scattered trees	2 075 309

Cherries	
Number of holdings reporting	8 771
In compact plantations	
Area	1 046
Under trees of productive age	(819)
Under trees of nonproductive age ⁶	(227)
Number of scattered trees	87 940
Peaches	
Number of holdings reporting	130 926
In compact plantations	
Area	18 290
Under trees of productive age	(13 917)
Under trees of nonproductive age ⁶	(4 373)
Number of scattered trees	1 190 308
Persimmon	
In compact plantations	
Area	35 016
Under trees of productive age	(31 585)
Under trees of nonproductive age ⁶	(3 431)
Number of scattered trees	9 360 856
Chestnuts	
Number of holdings reporting	48 685
In compact plantations	
Area	10 383
Under trees of productive age	(8 538)
Under trees of nonproductive age ⁶	(1 845)
Number of scattered trees	1 686 687
Grapes	
Number of holdings reporting	93 807
In compact plantations	
Area	15 208
Under vines of productive age	(10 561)
Under vines of nonproductive age	(4 647)
Number of scattered vines	698 731
Tea	
Number of holdings reporting	301 861
In compact plantations	
Area	30 975
Bamboo for shoots	
Number of holdings reporting	81 442
Area	7 798
Mulberry	
In compact plantations	
Number of holdings reporting	668 515
Area	156 161
Other industrial plants ¹⁰	
In compact plantations	
Number of holdings reporting	64 470
Area	9 638
Other cultivated trees ¹¹	
Area	14 071
Fruit and nut crops in hothouses	
Number of holdings reporting	2 631
Area ⁶	177

3 - LIVESTOCK AND POULTRY

Horses	
Number of holdings reporting	560 669
Total number of horses	654 883
Horses under 3 years of age	(86 660)
Horses 3 years of age and over	(568 223)

⁶ Nonrevised figures. - ⁹ Includes vegetable crops grown for seed and seedlings, Chinese milk vetch for green manure and mulberry trees. Separate information is given for the latter under "Permanent crops." - ¹⁰ Includes mulberry for paper, Japanese paper bush, Chinese willows, etc. - ¹¹ Includes mulberry for paper, Japanese paper bush.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

JAPAN
Farm households
Not classified by size of holding

Cattle	
Number of holdings reporting	2 331 780
Total number of cattle ¹²	*3 029 414
Cattle under 2 years of age	847 085
Male	*(277 960)
Female	(569 125)
Cattle 2 years of age and over	2 182 329
Male	*(324 924)
Female	*(1 857 405)
Cattle classified by use or purpose	
Cattle kept for milk production	
Number of holdings reporting	393 895
Number of cattle ¹²	746 629
Draft and beef cattle	
Number of holdings reporting	2 039 918
Number of draft and beef cattle	2 282 785
Sheep	
Number of holdings reporting	527 436
Total number of sheep	715 162
Lambs under 1 year of age	(66 263)
Sheep 1 year of age and over	(648 899)
Goats	
Number of holdings reporting	492 478
Total number of goats	532 515
Goats under 1 year of age	(81 544)
Goats 1 year of age and over	(450 971)
Pigs	
Number of holdings reporting	732 604
Total number of pigs	1 322 031
Pigs under 6 months of age	(831 105)
Pigs 6 months of age and over	(490 926)
Sows for breeding	283 108
Boars for breeding	55 140
Other pigs	152 678
Chickens	
Number of holdings reporting	3 275 631
Total number of chickens	46 844 706
Chickens under 6 months of age	(8 357 291)
Chickens 6 months of age and over	(38 487 415)
Ducks	
Number of holdings reporting	6 289
Number of ducks	92 218
Geese	
Number of holdings reporting	1 869
Number of geese	3 798
Turkeys	
Number of holdings reporting	2 040
Number of turkeys	6 429
Rabbits	
Number of holdings reporting	261 060
Number of rabbits	735 725
Bees	
Number of holdings reporting	11 015
Number of colonies	53 952
Silkworms	
Number of holdings reporting	615 565
Quantity of eggs placed in incubation (kg)	44 377
Quantity of fresh cocoons produced (metric tons)	110 285
Foxes	
Number of holdings reporting	24
Number of foxes	136
Mink	
Number of holdings reporting	91
Number of minks	3 718

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding	
Number of holders and members of their households (total)	
	17 655 713
Males 16 years of age and over	
	8 508 313
Working full time in agriculture	
	(4 886 945)
Working mainly in agriculture	
	(1 108 693)
Working mainly in nonagricultural activities	
	(2 512 675)
Females 16 years of age and over	
	9 147 400
Working full time in agriculture	
	(8 209 054)
Working mainly in agriculture	
	(337 772)
Working mainly in nonagricultural activities	
	(600 574)
Persons working for pay on the holding	
Permanent workers	
Number of holdings reporting	114 376
Number of workers	156 889
Male	(82 068)
Female	(74 821)
Seasonal workers	
Number of holdings reporting	102 441
Number of workers	207 195
Male	(85 080)
Female	(122 115)
Man-days worked on the holding during the last year	
By seasonal workers	
Number of holdings reporting	102 441
Number of man-days worked	12 280 370
By daily workers	
Number of holdings reporting	2 718 068
Number of man-days worked	80 230 110
By persons exchanging agricultural labor	
Number of holdings reporting	1 696 790
Number of man-days worked	18 635 012
By unpaid helpers	
Number of holdings reporting	1 254 368
Number of man-days worked	11 068 156

5 - FARM POPULATION

All persons	34 545 917
Holder and members of the holder's household	34 410 568
Male	(16 792 341)
Female	(17 618 227)
Resident employees	135 349
In agriculture	(100 907)
Not in agriculture	(34 442)

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Use and power on agricultural holdings	
Number of holdings reporting the use of:	
Mechanical power	1 708 658
Animal power	288 685
Animal and mechanical power	3 645 214
Human power only	413 977
Kind of power used	
Number of holdings reporting the use of:	
Petrol engines	3 896 018
Tractors and power tillers	2 112 804
Power sprayers and power dusters	2 169 143
Threshers (engine-operated)	5 018 801

¹² There is a small discrepancy between the sum of the number of head and the figures given in the national report for the total number of cattle, male and female. Figures where these discrepancies appear are marked with an asterisk. - ¹³ Figure shown in the national report: 749,310.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

JAPAN
Farm households
Not classified by size of holding

Selected agricultural equipment owned by the holder (number)¹⁴

Electric motors	1 070 336
Petrol engines	1 659 559
Tractors	9 259
Power tillers	514 582
Power sprayers	232 121
Power dusters	73 351
Threshers	2 459 308
Motor tricycles and trucks	102 921

Number of holdings reporting selected equipment classified by categories of ownership

Electric motors

Number of holdings reporting use of equipment which was:	
Owned solely by the holder	838 106
Commonly owned and provided by a co-operative	246 594
Owned jointly by the holder and others	339 082
Provided by others ¹⁵	398 269

Petrol engines

Number of holdings reporting use of equipment which was:	
Owned solely by the holder	1 506 379
Commonly owned and provided by a co-operative	184 137
Owned jointly by the holder and others	439 544
Provided by others ¹⁵	1 765 958

Tractors and power tillers

Number of holdings reporting use of equipment which was:	
Owned solely by the holder	437 635
Commonly owned and provided by a co-operative	54 577
Owned jointly by the holder and others	183 531
Provided by others ¹⁵	1 437 061

Power sprayers and power dusters

Number of holdings reporting use of equipment which was:	
Owned solely by the holder	210 407
Commonly owned and provided by a co-operative	1 401 267
Owned jointly by the holder and others	277 650
Provided by others ¹⁵	279 819

Threshers

Number of holdings reporting use of equipment which was:	
Owned solely by the holder	2 203 254
Commonly owned and provided by a co-operative	160 602
Owned jointly by the holder and others	657 462
Provided by others ¹⁵	1 997 483

7 - IRRIGATION AND DRAINAGE

Land actually irrigated

Area	3 368 599
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8 - FERTILIZERS AND SOIL DRESSINGS

Application of inorganic fertilizers

Number of holdings reporting	5 848 884
Nitrogenous fertilizers	
Amount applied (metric tons)	1 588 199
Phosphate fertilizers	
Amount applied (metric tons)	1 207 085
Potash fertilizers	
Amount applied (metric tons)	497 663
Mixed fertilizers	
Amount applied (metric tons)	807 161
Other fertilizers	
Amount applied (metric tons)	1 466 978

¹⁴ Includes also equipment owned jointly by the holder and others. - ¹⁵ Includes equipment rented and hired.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY AG

	All sizes of holdings	Under 0.30 ha	0.30 and under 0.50 ha	0.50 and under 0.99 ha	0.99 and under 1.49 ha	1.49 and under 1.98 ha
		Under 0.3 cho	0.3 and under 0.5 che	0.5 and under 1.0 cho	1.0 and under 1.5 cho	1.5 and under 2.0 cho
0 - HOLDER, HOLDING AND TENURE						
Number and agricultural area of holdings ¹						
Number	6 056 534	1 117 758	946 533	1 847 404	1 076 276	510 60
Percentage distribution	100.0	18.5	15.6	30.5	17.8	8.
Agricultural area ¹	7 141 941	243 444	429 819	1 511 116	1 456 805	958 71
Percentage distribution	100.0	3.4	6.0	21.2	20.4	13.
Fragmentation of cultivated land						
Number of holdings reporting	5 957 555	1 068 160	931 560	1 831 920	1 075 876	505 50
Number of parcels in the holdings reporting	30 986 260	2 604 480	3 512 880	10 132 320	7 542 360	3 832 56
Average number of parcels per holding	5.2	2.4	3.8	5.5	7.0	7.
Number and agricultural area of holdings, by tenure ²						
Holdings operated under one form of tenure						
Holdings owned by the holder or in ownerlike possession ³						
Number	4 552 382	797 807	667 626	1 323 391	827 847	426 91
Area	5 848 603	179 026	305 194	1 085 698	1 124 825	802 97
Holdings rented from others ⁴						
Number	177 989	124 412	30 206	16 707	2 400	1 44
Area	64 277	23 422	13 241	12 314	3 422	2 69
Holdings operated under more than one form of tenure						
Number	1 308 582	178 319	248 460	507 186	246 029	82 24
Area	1 228 414	40 500	111 300	413 037	328 558	153 04
Agricultural area in holdings, by tenure						
Area owned by the holder or in ownerlike possession ..	6 676 273	203 170	366 548	1 371 779	1 362 848	906 91
Area rented from others and under other forms of tenure	465 668	40 274	63 271	139 337	93 957	51 80
1 - LAND UTILIZATION						
Utilization of agricultural land in holdings						
Arable land						
Number of holdings reporting	6 000 003	1 089 924	935 194	1 841 402	1 067 355	509 58
Area	5 679 418	197 555	366 252	1 291 770	1 228 303	804 26
Land under permanent crops						
Number of holdings reporting	1 526 635	97 560	160 121	556 350	395 793	175 55
Area	366 822	8 070	19 781	104 843	112 906	64 13
Grassland						
Number of holdings reporting	539 233	11 720	27 156	122 341	113 579	76 95
Area ⁵	401 274	4 798	6 998	20 742	30 893	28 71
Forest land used for mowing or grazing						
Number of holdings reporting	306 309	9 888	15 560	68 669	72 542	50 18
Area	231 888	766	1 628	11 279	19 881	20 59
All other land						
Number of holdings reporting	6 056 534	1 104 880	933 824	1 846 621	1 092 777	519 27
Area	462 539	32 255	35 160	82 482	64 822	41 01
2 - CROPS - AREA						
Crops on arable land						
Wheat						
Number of holdings reporting	3 578 016	415 784	508 339	1 229 725	772 478	360 28
Area	597 050	30 842	67 256	83 598	200 138	103 36
Rice						
Number of holdings reporting	5 363 668	706 774	845 403	1 769 652	1 059 238	501 54
Area	3 257 722	97 230	227 288	839 273	815 941	567 41
Maize						
Number of holdings reporting	490 367	31 377	39 856	114 729	100 592	66 88
Area ⁶	40 701	575	1 028	13 254	4 589	3 40

¹ Total area, excluding forest land not used for mowing and grazing purposes. - ² Excludes 7,260 institutional holdings and 254,119 households operating cultivated land below the minimum area limit used in the holding definition. - ³ Excludes 17,581 small farm households with 647 hectares of agricultural land. - ⁴ Respectively mainly owned (90 percent) and mainly rented (90 percent). - ⁵ Excludes 324,597 hectares of pastureland and 226,258 hectares of grazing land commonly used by farm households in rural communes. - ⁶ Nonrevised figures.

JAPAN
Farm households
Classified by size of holding

TURAL AREA¹ OF HOLDING

and der 8 ha	2.48 and under 2.98 ha	2.98 and under 3.97 ha	3.97 and under 4.96 ha	4.96 and under 9.92 ha	9.92 and under 19.83 ha	19.83 ha and over	
and der cho	2.5 and under 3.0 cho	3.0 and under 4.0 cho	4.0 and under 5.0 cho	5.0 and under 10.0 cho	10.0 and under 20.0 cho	20.0 cho and over	
							0 - HOLDER, HOLDING AND TENURE
							Number and agricultural area of holdings²
2 904 3.7	102 719 1.7	89 132 1.5	39 341 0.6	67 659 1.1	29 645 0.5	6 560 0.1	Number
2 650 7.7	310 150 4.3	336 292 4.7	198 145 2.8	505 212 7.1	427 609 6.0	211 984 3.0	Percentage distribution
							Agricultural area ¹
							Percentage distribution
							Fragmentation of cultivated land
7 280 6 680 7.7	102 639 703 440 6.9	85 880 503 100 5.9	37 720 156 520 4.1	65 920 221 000 3.4	28 700 92 440 3.2	6 400 18 480 2.9	Number of holdings reporting
							Number of parcels in the holdings reporting
							Average number of parcels per holding
							Number and agricultural area of holdings, by tenure³
							Holdings operated under one form of tenure
							Holdings owned by the holder or in ownerlike possession ⁴
98 453 94 037	93 338 282 512	82 235 311 063	37 069 186 794	63 487 473 275	28 000 404 418	6 213 198 788	Number
							Area
							Holdings rented from others ⁴
774 1 933	1 099 3 168	578 2 112	145 709	143 1 127	82 131	— —	Number
							Area
							Holdings operated under more than one form of tenure
23 677 56 680	8 282 24 470	6 319 23 117	2 127 10 642	4 029 30 810	1 563 23 060	347 13 196	Number
							Area
							Agricultural area in holdings, by tenure
							Area owned by the holder or in ownerlike possession
31 666 20 984	296 672 13 478	323 336 12 956	191 298 6 847	491 260 13 952	421 647 5 962	209 138 2 846	Area rented from others and under other forms of tenure
							1 - LAND UTILIZATION
							Utilization of agricultural land in holdings
							Arable land
22 904 51 396	102 523 246 328	88 079 256 524	39 341 147 139	67 639 358 778	29 542 260 502	6 519 70 605	Number of holdings reporting
							Area
							Land under permanent crops
76 421 29 421	30 773 12 464	21 161 8 781	5 762 2 776	6 156 3 310	802 288	183 51	Number of holdings reporting
							Area
							Grassland
47 273 28 539	27 221 20 147	32 065 35 286	17 285 23 310	37 163 66 897	21 339 82 516	5 134 52 431	Number of holdings reporting
							Area ⁵
							Forest land used for mowing or grazing
28 856 18 020	15 190 14 243	14 683 16 635	6 588 11 055	11 167 25 666	9 025 31 306	3 952 60 819	Number of holdings reporting
							Area
							All other land
31 803 25 274	101 306 16 968	89 132 19 066	34 612 13 865	67 025 50 561	28 802 52 997	6 479 28 078	Number of holdings reporting
							Area
							2 - CROPS - AREA
							Crops on arable land
							Wheat
44 339 51 594	57 760 27 016	23 212 14 341	19 206 4 307	31 396 9 489	13 757 4 610	1 732 492	Number of holdings reporting
							Area
							Rice
118 150 179 085	100 194 150 251	80 888 141 924	38 205 69 821	35 486 59 338	7 400 9 418	733 743	Number of holdings reporting
							Area
							Maize
36 149 2 645	20 020 1 949	23 752 2 898	14 253 2 186	29 048 5 692	11 651 2 226	2 058 256	Number of holdings reporting
							Area ⁶

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY AGE

	All sizes of holdings	Under 0.30 ha	0.30 and under 0.50 ha	0.50 and under 0.99 ha	0.99 and under 1.49 ha	1.49 and under 1.98 ha
		Under 0.3 cho	0.3 and under 0.5 cho	0.5 and under 1.0 cho	1.0 and under 1.5 cho	1.5 and under 2.0 cho
Barley						
Number of holdings reporting	3 900 261	525 684	564 759	1 327 997	808 175	372 53
Area	887 410	48 653	80 459	256 784	255 072	127 72
Oats						
Number of holdings reporting	204 283	610	3 016	15 966	21 833	17 79
Area ⁶	77 779	32	187	1 059	2 095	2 35
Soybeans						
Number of holdings reporting	3 215 338	323 022	416 996	1 082 892	667 434	342 30
Area	336 841	10 807	17 122	63 750	59 821	42 45
"Azuki" beans						
Number of holdings reporting	2 434 094	225 857	282 271	771 147	539 912	278 66
Area	143 557	4 889	6 991	21 813	19 681	13 96
Broad beans, cowpeas and kidney beans						
Number of holdings reporting	1 515 772	176 282	180 453	478 868	312 706	167 10
Area	127 988	4 265	4 465	13 252	9 848	5 64
Potatoes						
Number of holdings reporting	4 246 360	576 580	600 223	1 359 894	843 898	396 71
Area ⁶	200 683	12 873	15 843	40 313	38 273	19 04
Sweet potatoes						
Number of holdings reporting	3 896 269	610 163	585 748	1 326 088	805 688	353 77
Area	361 780	25 475	27 922	80 074	151 262	44 70
Rapeseed						
Number of holdings reporting	1 580 078	103 225	171 120	512 200	391 682	206 84
Area	187 169	4 632	10 320	41 926	49 844	33 32
Tobacco						
Number of holdings reporting	329 608	5 494	16 767	116 016	97 779	55 29
Area	61 468	602	2 218	19 389	19 347	11 43
Fodder crops						
Number of holdings reporting	649 330	7 379	19 827	139 775	157 101	95 37
Area	233 202	476	1 118	12 501	18 438	15 56
Vegetables						
Number of holdings reporting	5 442 890	843 539	815 485	1 725 394	1 019 003	497 39
Area ⁶	477 793	31 746	42 220	137 483	117 983	67 42
Horticultural cultivation						
Number of holdings reporting	19 294	2 353	2 451	6 602	4 861	2 13
Area ⁶	883	73	193	313	147	11
Other crops ⁷						
Number of holdings reporting	895 362	57 359	94 390	331 455	242 250	101 06
Area ⁶	223 561	5 239	14 048	58 335	65 869	43 00
Permanent crops						
Oranges, mandarines and other citrus fruits						
In compact plantations						
Number of holdings reporting	269 369	33 694	36 066	108 881	61 273	21 15
Area	75 456	3 564	5 752	25 664	22 188	11 33
Under trees of productive age	(52 282)	(2 310)	(3 901)	(17 566)	(15 430)	(7 94)
Under trees of nonproductive age	(23 174)	(1 254)	(1 851)	(8 098)	(6 758)	(3 39)
Number of scattered trees	4 453 444	250 629	479 961	1 381 862	1 302 941	558 38
Apples						
Number of holdings reporting	293 423	12 452	22 074	74 069	74 303	43 09
In compact plantations						
Number of holdings reporting	149 571	4 273	10 735	41 176	36 741	19 93
Area	59 989	755	2 048	11 034	13 976	11 75
Under trees of productive age	(48 050)	(565)	(1 613)	(8 483)	(11 372)	(9 44)
Under trees of nonproductive age	(11 939)	(190)	(435)	(2 551)	(2 604)	(2 30)
Number of scattered trees	1 034 203	21 936	36 684	163 998	304 848	160 54

¹Total area, excluding forest land not used for mowing and grazing purposes. - ⁶Nonrevised figures. - ⁷Includes vegetable crops grown seed and seedlings, Chinese milk vetch for green manure and mulberry trees. Separate information is given for the latter under "Permanent crop

JAPAN
Farm households
Classified by size of holding

RURAL AREA ¹ OF HOLDING

1 and under 8 ha	2.48 and under 2.98 ha	2.98 and under 3.97 ha	3.97 and under 4.96 ha	4.96 and under 9.92 ha	9.92 and under 19.83 ha	19.83 ha and over	
1 and under cho	2.5 and under 3.0 cho	3.0 and under 4.0 cho	4.0 and under 5.0 cho	5.0 and under 10.0 cho	10.0 and under 20.0 cho	20.0 cho and over	
3 997 7 363	56 913 21 971	39 135 14 122	15 220 4 718	26 037 9 635	16 056 8 561	3 749 2 347	Barley Number of holdings reporting Area
1 942 2 269	12 815 2 412	20 218 6 011	21 952 9 379	45 938 27 216	26 294 19 647	5 908 5 118	Oats Number of holdings reporting Area °
5 871 4 226	71 971 14 926	60 480 17 449	28 423 10 152	49 026 32 985	13 231 35 764	3 687 7 385	Soybeans Number of holdings reporting Area
7 380 8 304	61 632 5 684	60 218 8 212	27 036 8 134	47 492 25 340	10 050 17 447	2 431 3 093	" Azuki " beans Number of holdings reporting Area
4 831 3 072	34 030 2 269	29 470 3 951	14 291 4 811	31 273 32 105	12 447 34 414	4 013 9 888	Broad beans, cowpeas and kidney beans Number of holdings reporting Area
10 915 9 831	85 550 5 861	74 505 6 882	34 531 8 722	59 478 24 251	27 589 14 349	6 479 4 443	Potatoes Number of holdings reporting Area °
9 305 8 878	47 934 7 966	32 553 4 193	8 777 757	5 721 480	493 64	20 2	Sweet potatoes Number of holdings reporting Area
19 912 5 831	43 815 8 323	31 390 8 139	12 143 4 838	13 295 6 539	3 474 2 455	978 994	Rapeseed Number of holdings reporting Area
21 113 4 608	8 674 1 893	5 080 1 257	1 301 258	1 984 428	82 27	20 6	Tobacco Number of holdings reporting Area
10 229 11 024	31 032 8 800	40 684 12 791	28 086 14 033	47 101 48 873	27 210 63 281	5 536 26 305	Fodder crops Number of holdings reporting Area
17 975 13 227	101 579 15 734	87 621 12 160	40 246 5 788	60 194 8 972	28 163 4 065	6 295 994	Vegetables Number of holdings reporting Area °
567 27	157 5	— —	103 6	20 1	21 1	20 1	Horticultural cultivation Number of holdings reporting Area °
38 752 20 414	11 839 8 677	10 780 5 007	2 933 852	3 722 1 608	761 499	61 7	Other crops ⁷ Number of holdings reporting Area °
							Permanent crops
							Oranges, mandarines and other citrus fruits
5 625 3 958 (2 912) (1 046) 02 686	1 806 2 054 (1 563) (491) 36 974	640 649 (462) (187) 37 875	145 171 (136) (35) 1 064	82 122 (61) (61) 1 064	— — (—) (—) —	— — (—) (—) —	In compact plantations Number of holdings reporting Area Under trees of productive age Under trees of nonproductive age Number of scattered trees
28 204	14 483	13 258	4 832	5 277	1 110	265	Apples Number of holdings reporting
13 287 7 336 (5 809) (1 527) 04 735	7 221 4 448 (3 636) (812) 116 504	6 547 4 230 (3 494) (736) 53 932	6 505 2 009 (1 748) (261) 17 191	2 741 2 160 (1 722) (438) 49 300	329 200 (129) (71) 3 948	81 42 (33) (9) 579	In compact plantations Number of holdings reporting Area Under trees of productive age Under trees of nonproductive age Number of scattered trees

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY AGE

	All sizes of holdings	Under 0.30 ha	0.30 and under 0.50 ha	0.50 and under 0.99 ha	0.99 and under 1.49 ha	1.49 and under 1.98 ha
		Under 0.3 cho	0.3 and under 0.5 cho	0.5 and under 1.0 cho	1.0 and under 1.5 cho	1.5 and under 2.0 cho
Tea						
In compact plantations						
Number of holdings reporting	301 861	20 503	35 205	105 780	82 450	33 279
Area	30 975	829	1 991	10 079	9 839	4 718
Mulberry						
In compact plantations						
Number of holdings reporting	668 515	19 084	56 539	244 338	196 833	87 867
Area	156 161	1 521	6 515	44 818	53 223	29 732
Other industrial plants *						
In compact plantations						
Number of holdings reporting	64 470	4 084	6 190	22 052	17 855	7 132
Area	9 638	335	579	2 175	3 213	1 643
3 - LIVESTOCK AND POULTRY						
Horses						
Number of holdings reporting	560 669	4 151	10 977	72 268	111 478	95 108
Total number of horses	654 883	4 320	11 520	83 240	128 366	104 540
Horses under 3 years of age	(86 660)	(455)	(1 274)	(5 203)	(5 326)	(4 830)
Horses 3 years of age and over	(368 223)	(3 865)	(10 246)	(78 037)	(123 040)	(99 710)
Cattle						
Number of holdings reporting	2 331 780	47 733	129 826	843 451	684 360	318 886
Total number of cattle ⁹	*3 029 414	65 803	182 742	967 472	*833 135	*418 524
Cattle under 2 years of age	847 085	22 901	70 672	305 385	205 947	95 304
Male	*(277 960)	(8 618)	(30 936)	(114 305)	*(71 489)	(29 504)
Female	(569 125)	(14 283)	(39 736)	(191 080)	(134 458)	(65 800)
Cattle 2 years of age and over	2 182 329	42 902	112 070	662 087	627 188	323 220
Male	*(324 924)	(3 226)	(19 743)	(105 271)	*(109 089)	(52 258)
Female	*(1 857 405)	(39 676)	(92 327)	*(556 816)	(518 099)	*(270 962)
Cattle classified by use or purpose						
Cattle kept for milk production						
Number of holdings reporting	393 895	8 051	18 788	112 800	105 560	50 028
Number of cattle	¹⁰ 746 629	19 046	26 473	157 086	¹¹ 162 310	¹² 95 536
Draft and beef cattle						
Number of holdings reporting	2 039 918	41 763	113 178	736 205	605 245	295 023
Number of draft and beef cattle	2 282 785	46 757	156 269	810 386	670 825	322 988
Sheep						
Number of holdings reporting	527 436	26 081	45 836	120 062	101 699	68 768
Total number of sheep	715 162	31 148	56 382	153 268	129 831	93 701
Lambs under 1 year of age	(66 263)	(4 413)	(6 680)	(15 438)	(12 412)	(8 102)
Sheep 1 year of age and over	(648 899)	(26 735)	(49 702)	(137 830)	(117 419)	(85 599)
Goats						
Number of holdings reporting	492 478	48 933	63 318	157 514	102 410	59 983
Total number of goats	532 515	55 571	69 889	167 837	109 591	64 367
Goats under 1 year of age	(81 544)	(9 897)	(10 979)	(25 370)	(16 850)	(10 760)
Goats 1 year of age and over	(450 971)	(45 674)	(58 910)	(142 467)	(92 741)	(53 607)
Pigs						
Number of holdings reporting	732 604	82 577	95 972	220 961	150 263	86 817
Total number of pigs	1 322 031	144 916	161 191	378 378	280 385	170 353
Pigs under 6 months of age	831 105	82 675	108 118	250 197	178 838	103 545
Pigs 6 months of age and over	490 926	62 241	53 073	128 181	101 547	66 808
Sows for breeding	(283 108)	(33 706)	(25 572)	(72 982)	(63 597)	(41 479)
Boars for breeding	(55 140)	(8 252)	(8 266)	(16 482)	(9 631)	(5 548)
Other pigs	(152 678)	(20 283)	(19 235)	(38 717)	(28 319)	(19 781)
Chickens						
Number of holdings reporting	3 275 631	347 945	415 275	1 035 109	610 594	361 167
Total number of chickens	46 844 706	8 378 597	5 302 250	13 010 823	9 548 094	4 867 891
Chickens under 6 months of age	(8 357 291)	(3 386 697)	(1 283 217)	(1 610 189)	(1 132 431)	(555 814)
Chickens 6 months of age and over	(38 487 415)	(4 991 900)	(4 019 033)	(11 400 634)	(8 415 663)	(4 312 077)

¹ Total area, excluding forest land not used for mowing and grazing purposes. - * Includes mulberry for paper, Japanese paper bush, China willow, etc. - ⁹ There is a small discrepancy between the sum of the number of head, in each size group, and the figures given in the national report for total number of cattle, male and female. Figures where these discrepancies appear are marked with an asterisk. - ¹⁰ Figure shown the national report: 749,310. - ¹¹ Figure shown in the national report: 162,991. - ¹² Figure shown in the national report: 97,536.

JAPAN

Farm households

Classified by size of holding

TURAL AREA ¹ OF HOLDING

and der 8 ha	2.48 and under 2.98 ha	2.98 and under 3.97 ha	3.97 and under 4.96 ha	4.96 and under 9.92 ha	9.92 and under 19.83 ha	19.83 ha and over	
and der cho	2.5 and under 3.0 cho	3.0 and under 4.0 cho	4.0 and under 5.0 cho	5.0 and under 10.0 cho	10.0 and under 20.0 cho	20.0 cho and over	
							Tea
4 749	4 973	3 108	975	757	41	41	In compact plantations
1 926	860	436	196	97	1	3	Number of holdings reporting
							Area
							Mulberry
7 790	13 384	8 786	1 914	1 754	226	--	In compact plantations
2 747	4 036	2 651	431	444	43	--	Number of holdings reporting
							Area
							Other industrial plants *
3 846	1 788	1 153	186	164	--	20	In compact plantations
703	362	337	112	177	--	2	Number of holdings reporting
							Area
							3 - LIVESTOCK AND POULTRY
							Horses
8 661	50 379	47 015	25 732	41 303	27 322	6 275	Number of holdings reporting
1 680	58 480	50 257	30 640	53 063	36 517	12 260	Total number of horses
3 953)	(2 050)	(8 100)	(6 300)	(22 966)	(19 647)	(6 556)	Horses under 3 years of age
7 727)	(56 430)	(42 157)	(24 340)	(30 097)	(16 870)	(5 704)	Horses 3 years of age and over
							Cattle
5 045	55 775	44 091	21 139	30 252	15 803	5 419	Number of holdings reporting
7 949	87 538	76 584	35 098	83 667	65 278	30 624	Total number of cattle *
2 260	21 848	19 717	8 822	26 716	18 525	8 988	Cattle under 2 years of age
0 861)	(5 349)	(3 561)	(942)	(1 167)	*(796)	(432)	Male
1 399)	(16 499)	(16 156)	(7 880)	(25 549)	(17 729)	(8 556)	Female
5 689	65 690	56 867	26 276	61 951	46 753	21 636	Cattle 2 years of age and over
9 126)	(7 398)	(5 189)	(1 639)	(1 739)	(185)	(61)	Male
6 563)	(58 292)	(51 678)	(24 637)	(60 212)	(46 568)	(21 575)	Female
							Cattle classified by use or purpose
1 345	13 500	14 036	8 018	22 101	14 310	5 358	Cattle kept for milk production
3 686	27 084	28 955	19 203	74 512	62 522	30 216	Number of holdings reporting
							Number of cattle
							Draft and beef cattle
9 581	57 060	39 936	10 210	9 451	1 972	294	Number of holdings reporting
4 263	60 454	47 629	15 895	14 155	2 756	408	Number of draft and beef cattle
							Sheep
3 913	24 316	28 290	16 890	32 184	16 056	3 341	Number of holdings reporting
8 993	33 746	39 719	25 340	55 620	30 446	6 968	Total number of sheep
4 419)	(3 789)	(2 358)	(1 842)	(4 060)	(2 220)	(530)	Lambs under 1 year of age
4 574)	(29 957)	(37 361)	(23 498)	(51 560)	(28 226)	(6 438)	Sheep 1 year of age and over
							Goats
7 352	13 317	9 345	4 074	4 507	1 542	183	Number of holdings reporting
8 319	14 399	9 770	4 627	5 906	2 015	224	Total number of goats
3 182)	(1 608)	(1 407)	(549)	(634)	(247)	(61)	Goats under 1 year of age
5 137)	(12 791)	(8 363)	(4 078)	(5 272)	(1 768)	(163)	Goats 1 year of age and over
							Pigs
1 687	19 275	14 814	5 204	9 962	4 420	652	Number of holdings reporting
5 410	38 732	26 672	9 063	20 770	14 246	1 915	Total number of pigs
6 521	23 140	15 555	4 770	10 044	6 846	856	Pigs under 6 months of age
8 889	15 592	11 117	4 293	10 726	7 400	1 059	Pigs 6 months of age and over
8 592)	(9 024)	(6 262)	(2 478)	(5 207)	(3 618)	(591)	Sows for breeding
1 978)	(1 178)	(1 019)	(496)	(1 305)	(863)	(122)	Boars for breeding
8 319)	(5 390)	(3 836)	(1 319)	(4 214)	(2 919)	(346)	Other pigs
							Chickens
1 389	72 063	60 528	142 780	44 148	20 538	4 095	Number of holdings reporting
5 190	972 757	830 854	363 883	954 221	465 151	84 995	Total number of chickens
6 443)	(119 191)	(51 264)	(8 419)	(18 576)	(12 972)	(2 078)	Chickens under 6 months of age
8 747)	(853 566)	(779 590)	(355 464)	(955 645)	(452 179)	(82 917)	Chickens 6 months of age and over

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY AG

	All sizes of holdings	Under 0.30 ha	0.30 and under 0.50 ha	0.50 and under 0.99 ha	0.99 and under 1.49 ha	1.49 and under 1.98 ha
		Under 0.3 cho	0.3 and under 0.5 cho	0.5 and under 1.0 cho	1.0 and under 1.5 cho	1.5 and under 2.0 cho
Rabbits						
Number of holdings reporting	261 060	31 218	37 747	82 956	59 580	28 008
Number of rabbits	735 725	83 294	110 603	238 440	162 731	85 735
Bees						
Number of holdings reporting	11 015	1 047	919	2 915	1 947	1 678
Number of colonies	53 952	10 886	2 662	11 786	10 393	7 439
Silkworms						
Number of holdings reporting	615 565	10 723	45 790	223 857	187 363	88 658
Quantity of eggs placed in incubation (kg)	44 377	323	1 797	14 452	14 405	8 335
4 - EMPLOYMENT IN AGRICULTURE						
Persons employed in agricultural work on the holding						
Number of holders and members of their households (total)	17 655 713	2 359 813	2 408 979	5 427 995	3 578 477	1 839 817
Males 16 years of age and over	8 508 313	1 082 527	1 107 483	2 649 470	1 756 748	903 492
Working full time in agriculture	(4 886 945)	(235 463)	(366 765)	(1 462 474)	(1 269 501)	(732 698)
Working mainly in agriculture	(1 108 693)	(65 083)	(139 601)	(431 258)	(248 123)	(99 945)
Working mainly in nonagricultural activities	(2 512 675)	(781 981)	(601 117)	(755 738)	(239 124)	(70 851)
Females 16 years of age and over	9 147 400	1 277 286	1 301 496	2 778 525	1 821 729	936 325
Working full time in agriculture	(8 209 054)	(1 000 762)	(1 090 571)	(2 495 425)	(1 722 709)	(899 684)
Working mainly in agriculture	(337 772)	(55 741)	(65 325)	(119 996)	(52 030)	(23 535)
Working mainly in nonagricultural activities	(600 574)	(220 783)	(145 600)	(163 104)	(46 990)	(13 106)
Persons working for pay on the holding						
Permanent workers						
Number of holdings reporting	114 376	3 034	5 170	12 469	17 242	19 522
Number of workers	156 889	7 380	8 737	16 738	21 058	29 025
Male	(82 068)	(3 056)	(5 309)	(9 244)	(11 264)	(14 664)
Female	(74 821)	(4 324)	(3 428)	(7 494)	(9 794)	(14 361)
Seasonal workers						
Number of holdings reporting	102 441	2 289	2 274	17 244	20 690	28 840
Number of workers	207 195	6 328	3 002	50 339	36 823	37 176
Male	(85 080)	(2 323)	(1 326)	(24 926)	(12 384)	(14 865)
Female	(122 115)	(4 005)	(1 676)	(25 413)	(24 439)	(22 311)
Man-days worked on the holding during the last year						
By seasonal workers						
Number of holdings reporting	102 441	2 289	2 274	17 244	20 690	28 840
Number of man-days worked	12 280 370	409 545	267 278	2 030 904	2 190 149	2 614 177
By daily workers						
Number of holdings reporting	2 718 068	318 620	379 113	807 424	546 054	300 888
Number of man-days worked	80 230 110	3 616 594	7 839 554	18 503 486	16 557 736	12 326 766
By persons exchanging agricultural labor						
Number of holdings reporting	1 696 790	161 578	241 426	578 798	344 203	178 455
Number of man-days worked	18 635 012	1 039 848	2 051 324	5 843 079	4 111 432	2 370 511
By unpaid helpers						
Number of holdings reporting	1 254 349	129 960	168 266	386 489	258 063	145 305
Number of man-days worked	11 068 156	860 949	1 292 364	3 263 585	2 434 179	1 492 925
5 - FARM POPULATION						
All persons	34 545 917	5 152 086	4 835 719	10 349 185	6 664 051	3 485 211
Holders and members of the holder's household	34 410 568	5 135 137	4 820 277	10 328 764	6 645 095	3 467 411
Male	(16 792 341)	(2 502 623)	(2 292 650)	(5 076 419)	(3 272 050)	(1 691 311)
Female	(17 618 227)	(2 632 514)	(2 527 627)	(5 252 345)	(3 373 045)	(1 776 100)
Resident employees	135 349	16 949	15 442	20 421	18 956	17 800
In agriculture	(100 907)	(7 948)	(7 128)	(12 256)	(14 684)	(15 635)
Not in agriculture	(34 442)	(9 001)	(8 314)	(8 165)	(4 272)	(2 165)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
Use and power on agricultural holdings						
Number of holdings reporting the use of:						
Mechanical power	1 708 658	397 119	320 964	522 283	260 306	123 677
Animal power	288 685	82 348	58 833	74 307	26 594	23 011
Animal and mechanical power	3 645 214	355 157	497 634	1 209 759	779 864	358 725
Human power only	413 977	283 134	69 102	41 055	9 512	5 188

¹ Total area, excluding forest land not used for mowing and grazing purposes.

JAPAN
Farm households
Classified by size of holding

CULTURAL AREA¹ OF HOLDING

8 and under 48 ha	2.48 and under 2.98 ha	2.98 and under 3.97 ha	3.97 and under 4.96 ha	4.96 and under 9.92 ha	9.92 and under 19.83 ha	19.83 ha and over	
10 and under 5 cho	2.5 and under 3.0 cho	3.0 and under 4.0 cho	4.0 and under 5.0 cho	5.0 and under 10.0 cho	10.0 and under 20.0 cho	20.0 cho and over	
11 580	4 089	2 873	1 233	1 284	370	122	Rabbits
31 887	9 933	6 606	3 078	1 961	1 131	326	Number of holdings reporting
							Number of rabbits
							Bees
926	790	426	176	150	—	41	Number of holdings reporting
4 982	2 878	1 322	558	598	—	448	Number of colonies
							Silkworms
35 594	12 403	7 235	1 877	1 837	228	—	Number of holdings reporting
3 340	1 032	523	81	78	12	—	Quantity of eggs placed in incubation (kg)
							4 - EMPLOYMENT IN AGRICULTURE
							Persons employed in agricultural work on the holding
							Number of holders and members of their households (total)
38 022	380 542	325 706	136 867	234 575	100 798	24 122	Males 16 years of age and over
12 114	187 119	161 809	67 907	116 414	51 108	12 122	Working full time in agriculture
39 732)	(152 391)	(130 333)	(52 869)	(94 373)	(41 178)	(9 168)	Working mainly in agriculture
43 663)	(22 893)	(20 387)	(11 466)	(16 469)	(7 484)	(2 323)	Working mainly in nonagricultural activities
28 719)	(11 835)	(11 089)	(3 572)	(5 572)	(2 446)	(631)	Females 16 years of age and over
25 908	193 423	163 897	68 960	118 161	49 690	12 000	Working full time in agriculture
12 199)	(186 962)	(158 146)	(67 010)	(115 515)	(48 682)	(11 389)	Working mainly in agriculture
(9 321)	(4 223)	(3 603)	(1 194)	(1 644)	761	489)	Working mainly in nonagricultural activities
(4 388)	(2 238)	(2 148)	(846)	(1 002)	(247)	(122)	Persons working for pay on the holding
							Permanent workers
13 187	10 545	14 230	6 237	7 815	4 029	896	Number of holdings reporting
16 440	12 999	19 161	8 071	10 262	5 633	1 385	Number of workers
(9 216)	(6 668)	(10 292)	(4 303)	(4 791)	(2 426)	(835)	Male
(7 224)	(6 331)	(8 869)	(3 768)	(5 471)	(3 207)	(550)	Female
							Seasonal workers
10 812	5 870	6 279	2 267	2 980	2 529	367	Number of holdings reporting
20 327	19 709	11 439	9 109	6 666	4 749	1 528	Number of workers
(8 730)	(8 465)	(4 414)	(3 381)	(2 112)	(1 604)	(550)	Male
(11 597)	(11 244)	(7 025)	(5 728)	(4 554)	(3 145)	(978)	Female
							Man-days worked on the holding during the last year
							By seasonal workers
10 812	5 870	6 279	2 267	2 980	2 529	367	Number of holdings reporting
39 179	866 590	944 309	468 848	603 646	348 154	197 595	Number of man-days worked
							By daily workers
51 489	72 567	62 133	26 344	36 706	14 411	2 322	Number of holdings reporting
54 578	4 399 481	4 393 278	1 916 909	2 108 596	866 736	146 398	Number of man-days worked
							By persons exchanging agricultural labor
79 342	34 739	31 634	13 006	22 324	9 128	2 160	Number of holdings reporting
103 868	666 358	554 543	224 936	373 043	159 820	36 243	Number of man-days worked
							By unpaid helpers
72 451	33 513	28 477	10 016	14 564	6 044	1 222	Number of holdings reporting
123 127	358 577	311 868	103 877	140 256	68 377	18 071	Number of man-days worked
							5 - FARM POPULATION
							All persons
519 682	763 103	663 615	296 058	474 618	197 195	45 390	Holders and members of the holder's household
104 383	754 419	652 572	291 789	470 637	195 201	44 881	Male
784 247)	(366 763)	(317 516)	(139 024)	(229 344)	(98 186)	(22 206)	Female
320 136)	(387 656)	(335 056)	(152 765)	(241 293)	(97 015)	(22 675)	Resident employees
15 299	8 684	11 043	4 269	3 981	1 994	509	In agriculture
(13 789)	(8 448)	(10 692)	(4 145)	(3 736)	(1 953)	(489)	Not in agriculture
(1 510)	(236)	(351)	(124)	(245)	(41)	(20)	
							6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
							Use and power on agricultural holdings
							Number of holdings reporting the use of:
47 608	19 026	12 251	2 458	1 964	966	41	Mechanical power
5 943	3 183	3 990	1 770	4 775	3 234	693	Animal power
166 923	79 543	71 803	34 467	60 228	25 301	5 306	Animal and mechanical power
2 430	967	1 088	646	692	144	20	Human power only

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY AGE

	All sizes of holdings	Under 0.30 ha	0.30 and under 0.50 ha	0.50 and under 0.99 ha	0.99 and under 1.49 ha	1.49 and under 1.98 ha
		Under 0.3 cho	0.3 and under 0.5 cho	0.5 and under 1.0 cho	1.0 and under 1.5 cho	1.5 and under 2.0 cho
Kind of power used						
Number of holdings reporting the use of:						
Petrol engines	3 896 018	547 404	597 690	1 271 299	752 066	352 222
Tractors and power tillers	2 112 804	226 911	301 165	663 139	418 636	236 151
Power sprayers and power dusters	2 169 143	184 246	275 298	699 395	494 724	259 100
Threshers (engine-operated)	5 018 801	667 887	729 447	1 626 168	999 890	488 551
Selected agricultural equipment owned by the holder (number) ¹³						
Electric motors	1 070 336	14 405	54 642	286 853	297 798	196 660
Petrol engines	1 659 559	25 637	107 383	567 223	461 135	247 471
Tractors	9 259	122	548	2 001	1 969	1 181
Power tillers	514 582	2 197	7 460	93 755	151 004	123 161
Power sprayers	232 121	3 540	12 424	70 200	71 912	37 000
Power dusters	73 351	732	2 674	14 565	17 932	12 999
Threshers	2 459 308	31 741	144 507	788 989	716 300	375 871
Motor tricycles and trucks	102 921	2 197	5 428	21 460	29 828	20 911
Number of holdings reporting selected equipment, classified by categories of ownership						
Electric motors						
Number of holdings reporting use of equipment which was:						
Owned solely by the holder	838 106	10 987	45 716	219 326	256 480	183 681
Commonly owned and provided by a co-operative	246 594	40 774	47 526	94 597	46 483	12 260
Owned jointly by the holder and others	339 082	20 631	53 919	139 615	85 219	27 160
Provided by others ¹⁴	398 269	114 633	110 733	115 365	32 398	11 059
Petrol engines						
Number of holdings reporting use of equipment which was:						
Owned solely by the holder	1 506 379	19 411	87 814	493 874	441 943	229 780
Commonly owned and provided by a co-operative	184 137	46 390	35 946	61 464	24 298	7 931
Owned jointly by the holder and others	439 544	23 928	53 798	176 709	98 836	41 651
Provided by others ¹⁴	1 765 958	457 675	420 132	539 252	186 989	72 849
Tractors and power tillers						
Number of holdings reporting use of equipment which was:						
Owned solely by the holder	437 635	3 155	11 212	79 231	120 960	98 571
Commonly owned and provided by a co-operative	54 577	6 506	6 794	12 788	7 088	2 800
Owned jointly by the holder and others	183 531	4 190	14 059	58 225	54 195	30 021
Provided by others ¹⁴	1 437 061	213 060	269 100	512 895	236 393	104 751
Power sprayers and power dusters						
Number of holdings reporting use of equipment which was:						
Owned solely by the holder	210 407	2 564	11 264	60 592	65 217	32 561
Commonly owned and provided by a co-operative	1 401 267	113 492	177 455	469 468	318 675	174 131
Owned jointly by the holder and others	277 650	11 068	22 625	84 163	72 529	37 971
Provided by others ¹⁴	279 819	57 122	63 934	85 172	38 303	14 431
Threshers						
Number of holdings reporting use of equipment which was:						
Owned solely by the holder	2 203 254	25 374	119 127	679 141	635 864	365 571
Commonly owned and provided by a co-operative	160 602	44 912	33 392	55 191	19 722	4 010
Owned jointly by the holder and others	657 462	42 572	89 365	278 304	151 327	52 431
Provided by others ¹⁴	1 997 483	555 029	487 563	613 532	192 977	66 531
8 - FERTILIZERS AND SOIL DRESSINGS						
Application of inorganic fertilizers						
Number of holdings reporting	5 848 884	1 052 201	906 486	1 801 426	1 045 874	497 079

¹³ Total area, excluding forest land not used for mowing and grazing purposes. - ¹⁴ Includes also equipment owned jointly by the holder and others. - ¹⁵ Includes equipment rented and hired.

JAPAN
Farm households
Classified by size of holding

CULTURAL AREA¹ OF HOLDING

1.8 and under 4.8 ha	2.48 and under 2.98 ha	2.98 and under 3.97 ha	3.97 and under 4.96 ha	4.96 and under 9.92 ha	9.92 and under 19.83 ha	19.83 ha and over	
0 and under 5 cho	2.5 and under 3.0 cho	3.0 and under 4.0 cho	4.0 and under 5.0 cho	5.0 and under 10.0 cho	10.0 and under 20.0 cho	20.0 cho and over	
43 142	66 256	56 751	28 974	51 889	23 088	5 236	Kind of power used
13 111	53 493	42 351	16 047	26 134	12 766	2 893	Number of holdings reporting the use of:
17 848	51 530	40 436	15 278	21 532	7 812	1 935	Petrol engines
211 007	95 917	79 419	37 198	53 693	24 383	5 237	Tractors and power tillers
							Power sprayers and power dusters
							Threshers (engine-operated)
							Selected agricultural equipment owned by the holder (number)¹³
02 506	48 357	36 863	12 881	15 278	3 413	672	Electric motors
02 465	44 546	37 958	17 079	31 846	13 548	3 260	Petrol engines
926	642	499	146	570	411	244	Tractors
61 893	30 854	25 878	8 282	8 452	1 357	285	Power tillers
17 118	7 654	5 638	1 900	2 945	1 460	326	Power sprayers
7 293	4 598	4 015	1 600	4 829	1 830	285	Power dusters
177 130	78 462	63 524	25 897	39 434	14 411	3 036	Threshers
11 001	4 208	3 572	1 177	1 861	822	448	Motor tricycles and trucks
							Number of holdings reporting selected equipment, classified by categories of ownership
							Electric motors
							Number of holdings reporting use of equipment which was:
9 497	45 374	36 595	12 391	14 276	3 310	469	Owned solely by the holder
2 527	1 295	392	165	511	62	—	Commonly owned and provided by a co-operative
7 703	2 277	1 156	351	798	164	81	Owned jointly by the holder and others
3 913	1 688	1 177	433	614	246	6 010	Provided by others ¹⁴
							Petrol engines
							Number of holdings reporting use of equipment which was:
96 107	40 585	34 447	16 459	29 616	13 240	3 097	Owned solely by the holder
2 935	1 649	1 570	620	920	411	—	Commonly owned and provided by a co-operative
17 159	7 811	7 662	3 573	5 379	2 200	835	Owned jointly by the holder and others
26 941	16 211	13 072	8 322	15 974	7 237	1 304	Provided by others ¹⁴
							Tractors and power tillers
							Number of holdings reporting use of equipment which was:
54 147	28 398	23 115	8 349	8 423	1 645	428	Owned solely by the holder
955	1 497	1 664	1 622	6 252	5 283	1 324	Commonly owned and provided by a co-operative
12 797	4 771	3 268	728	880	349	41	Owned jointly by the holder and others
45 212	18 827	14 304	5 348	10 579	5 489	1 100	Provided by others ¹⁴
							Power sprayers and power dusters
							Number of holdings reporting use of equipment which was:
16 884	7 966	5 301	2 189	3 713	1 768	387	Owned solely by the holder
74 304	31 144	25 624	7 865	6 954	1 480	672	Commonly owned and provided by a co-operative
18 947	9 199	6 412	3 593	7 359	3 125	652	Owned jointly by the holder and others
7 713	3 221	3 099	1 631	3 506	1 439	224	Provided by others ¹⁴
							Threshers
							Number of holdings reporting use of equipment which was:
169 190	73 680	61 003	25 452	32 591	13 548	2 710	Owned solely by the holder
1 352	629	587	124	348	288	41	Commonly owned and provided by a co-operative
18 063	7 886	5 706	2 853	5 834	2 426	693	Owned jointly by the holder and others
22 402	13 722	12 123	8 769	14 920	8 121	1 793	Provided by others ¹⁴
							8 - FERTILIZERS AND SOIL DRESSINGS
							Application of inorganic fertilizers
216 994	100 364	88 843	39 300	65 859	28 000	6 458	Number of holdings reporting

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

JAPAN
Farm households

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE					
Number and agricultural area of holdings, by size¹					
All sizes of holdings					
Number	6 176 419	6 056 534			
Area	6 193 486	7 141 941			
Holdings under 0.99 ha					
Number	4 145 874	3 911 695			
Area	2 001 273	2 184 379			
Holdings 0.99 and under 4.96 ha					
Number	1 936 893	2 040 975			
Area	3 219 349	3 812 757			
Holdings 4.96 and under 9.92 ha					
Number	61 932	67 659			
Area	416 530	505 212			
Holdings 9.92 and under 19.83 ha					
Number	25 229	29 645			
Area	336 634	427 609			
Holdings 19.83 ha and over					
Number	6 491	6 560			
Area	219 700	211 984			
Number and agricultural area of holdings, by tenure					
Holdings operated under one form of tenure					
Holdings owned by the holder or in ownerlike possession					
Number	3 821 531	4 552 382			
Area	4 332 715	5 848 603			
Holdings rented from others					
Number	312 364	177 989			
Area	121 816	64 277			
Holdings operated under more than one form of tenure					
Number	2 042 509	1 308 582			
Area	1 738 955	1 228 414			
Agricultural area in holdings, by tenure					
Area owned by the holder or in ownerlike possession	5 468 834	6 676 273			
Area rented from others and under other forms of tenure	724 652	465 668			
1 - LAND UTILIZATION					
Utilization of land in holdings (area)					
Arable land	4 764 369	5 679 418			
Land under permanent crops	284 127	366 822			
Grassland	544 041	401 274			
Forest land used for mowing or grazing	129 264	231 888			
All other land	471 685	462 539			
2 - CROPS - AREA AND PRODUCTION					
Crops on arable land					
Wheat					
Number of holdings reporting ..	4 775 314	3 578 016			
Area	606 057	597 050			
Production	1 062 234	1 061 665			
			Rice		
			Number of holdings reporting ..	5 434 719	5 363 668
			Area	2 768 672	3 257 722
			Production	8 588 381	12 487 153
			Barley		
			Area	858 388	887 410
			Production	1 700 603	2 469 900
			Soybeans		
			Number of holdings reporting ..	4 663 515	3 215 338
			Area	302 681	336 841
			Production	307 094	424 011
			Potatoes		
			Number of holdings reporting ..	5 419 119	4 246 360
			Area	218 222	200 683
			Production	2 203 153	3 258 122
			Sweet potatoes		
			Number of holdings reporting ..	4 985 796	3 896 269
			Area	397 952	361 780
			Production	4 604 548	6 280 260
			Rapeseed		
			Number of holdings reporting ..	2 152 323	1 580 078
			Area	61 964	137 169
			Production	61 481	260 555
			Tobacco		
			Number of holdings reporting ..	494 688	329 608
			Area	46 310	61 468
			Production	80 551	128 536
			3 - LIVESTOCK AND POULTRY		
			Horses		
			Number of holdings reporting	905 324	560 669
			Number of horses	1 071 131	654 883
			Cattle		
			Number of holdings reporting	2 099 903	2 331 780
			Number of cattle	2 450 083	3 029 414
			Sheep		
			Number of holdings reporting	253 109	527 436
			Number of sheep	358 530	715 162
			Goats		
			Number of holdings reporting	352 554	492 478
			Number of goats	413 284	532 515
			Pigs		
			Number of holdings reporting	458 647	732 604
			Number of pigs	607 632	1 322 031
			Chickens		
			Number of holdings reporting	3 754 242	3 275 631
			Number of chickens	16 545 210	46 844 706
			Silkworms		
			Quantity of eggs placed in incubation (kg)	20 429	44 377
			Quantity of fresh cocoons produced (metric tons)	47 338	110 285

¹ Although the minimum area limit in the holding definition was the same in the 1950 and 1960 Censuses, the 1950 Census included holdings selling agricultural products per year for more than 10,000 yen, while in the 1960 Census this limit was 20,000 or more yen per year. - ² Nonrevised figure.

KOREA, REPUBLIC OF

Date of the census and time reference

The agricultural census enumeration started on 1 February 1961. All census questionnaires were collected by 8 May 1961.

Data on number and area of holdings, fragmentation, age of the holder, land tenure, land utilization, area and number of permanent trees, farm population, agricultural power and machinery and general transport facilities refer to 1 February 1961. Information on livestock and poultry refer to 1 February 1961. The rest of the information refers to the year 1960.

Method of collection and processing of census data

The census enumeration was carried out by specially appointed enumerators. One enumerator was assigned to each enumeration census district. During the week prior to the census date, enumerators visited each household in their enumeration districts in accordance with the prelisting sheet arranged as of 1 December 1960 for the Population and Housing Census. The enumerator determined which households were to be considered as farm households. Data for the farm households were collected through interviews.

All census questionnaires were collected by the Central Office and transferred to the Bureau of Statistics, which tabulated them by the punch-card method.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holding

A holding was defined, for census purposes, as a household directly cultivating a piece of land

of 300 *pyong* (0.0991 ha) or more, regardless of ownership.

The agricultural census covered not only farm households but also certain units or establishments operating cultivated land of 300 *pyong* or more, like agricultural co-operatives, schools, religious organizations, government experimental stations, orphanages, etc.

Area of the holding. It was defined as the sum of the areas under arable land, land under permanent crops, pasture and grazing land, wood or forest land and all other land.

The basis for the classification of holdings by size was the cultivated area of the holding, i.e., cropland.

Parcel. It was defined as all land surrounded by land operated by other agricultural holdings, streams or roads. One agricultural holding may have one or several parcels of cultivated land.

Tenure

Data on this subject are available only for holdings owned, under other single forms of tenure, and under mixed forms of tenure.

Holdings owned by the holder or in ownerlike possession include those actually owned by the holder or his family members and directly cultivated by him as of 1 February 1961. The cultivated land not registered on the land ledger but cultivated as the holder's own land is also included in this category.

Holdings operated under other single forms of tenure include all holdings under other single forms of tenure except holdings owned by the holder, i.e., rented holdings, holdings cultivated without payment of rent, holdings under entrust

KOREA, REPUBLIC OF

contract or without any agreement with the land owner.

1 - LAND UTILIZATION

Arable land

This includes all land with irrigation or non-irrigation facilities for the cultivation of rice, parsley, rush, lotus roots, vegetables, etc. It also includes land with greenhouses, regardless of the crop.

Land under permanent crops

This includes areas of orchards planted with fruit trees like apples, pears, peaches, apricots, chestnuts, etc. This category also includes other trees such as bamboo, willow, paulownia and trees to be planted in gardens other than fruit trees, mulberry trees and tree nurseries.

Pasture and grazing land

This includes all areas for grazing purposes.

Wood or forest land

This includes all land producing timber, wood, charcoal and other forestry products.

All other land

This includes land with house sites, farming lanes, waterways and barren land.

2 - CROPS

Information on area of temporary crops refers to area harvested. For permanent crops data refer to crop area.

3 - LIVESTOCK AND POULTRY

Data refer to all animals on the holding as of 1 February 1961.

4 - EMPLOYMENT IN AGRICULTURE

Information refers to the calendar year 1960. Data include: (a) holders and members of their families classified into permanent and temporary workers; and (b) persons working for pay. The latter refer to nonfamily workers working for 7 months or more, or for 1 month or more but less than 7 months and on a daily basis.

Permanent workers were defined as nonpaid family members of the holder's household engaged in agricultural work for 7 months or more.

Temporary workers were defined as nonpaid family members of the holder's household engaged in agricultural work for less than 7 months.

5 - FARM POPULATION

Data include persons living in the holder's household for at least 3 months or more as of the census date. It also includes persons going to live in the holder's household for 3 months or more in the future. Members of the holder's household living or studying outside the holding were excluded.

7 - IRRIGATION AND DRAINAGE

Irrigation was defined as the supplying of water for the growing of crops.

8 - FERTILIZERS AND SOIL DRESSINGS

Data on this section refer to the period November 1959 - October 1960.

* * *

SOURCE: Korea (Republic). Ministry of Agriculture and Forestry. *1960 Agricultural Census*. Seoul, 1964.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

KOREA,¹ REPUBLIC OF

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	2 331 874
Area	4 815 471

Fragmentation

Number of holdings consisting of:

1-2 parcels	697 013
3-4 parcels	853 305
5-6 parcels	451 051
7-8 parcels	184 949
9-10 parcels	67 105
11 parcels and over	42 983

Number of holdings, by tenure

Holdings operated under one form of tenure

Holdings owned by the holder or in ownerlike possession	
Number	1 717 045

Holdings under other single forms of tenure

Number	157 456
--------------	---------

Holdings operated under more than one form of tenure

More than 50% owned by the holder or in ownerlike possession	
Number	330 720

Less than 50% owned by the holder or in ownerlike possession	
Number	126 653

1 - LAND UTILIZATION

Utilization of land in holdings²

Arable land	
Area	1 862 390
Land under permanent crops	
Number of holdings reporting	75 201
Area	24 689
Pasture and grazing land	
Number of holdings reporting	27 000
Area	17 751
Wood or forest land	
Number of holdings reporting	582 193
Area	2 812 575
All other land	
Number of holdings reporting	2 254 584
Area	97 944

2 - CROPS - AREA AND PRODUCTION

Crops on arable land

Wheat

Number of holdings reporting	1 392 951
Area	124 605
Production	187 575

Rice (total)

Area	1 053 878
Production	3 191 863

Wet rice

Number of holdings reporting	2 031 735
Area	(1 047 734)
Production	(3 185 506)

Dry rice

Number of holdings reporting	34 742
Area	(6 144)
Production	(6 357)

Millet

Number of holdings reporting	686 889
Area	91 948

Barley

Number of holdings reporting	1 320 071
Area	352 486
Production	534 029

Edible dry beans

Number of holdings reporting	867 457
Area	41 946
Production	19 778

Soybeans

Number of holdings reporting	1 676 938
Area	233 511
Production	173 628

Potatoes

Number of holdings reporting	1 024 739
Area	45 480

Sweet potatoes

Number of holdings reporting	1 230 468
Area	78 339

Cotton

Number of holdings reporting	428 227
Area	23 190

Hemp

Number of holdings reporting	171 833
Area	4 203

Red pepper

Number of holdings reporting	1 729 300
Area	39 378

Chinese cabbage

Number of holdings reporting	1 811 906
Area	38 797

Melons and watermelons

Number of holdings reporting	197 865
Area	15 300

Garlic

Number of holdings reporting	1 135 544
Area	13 491

Radish

Number of holdings reporting	1 806 028
Area	39 134

Green manure crops

Number of holdings reporting	66 582
Area ³	8 114

Permanent crops

Apples

Number of holdings reporting	14 358
Area	8 980
Total number of trees	1 884 674
Of productive age	(1 281 231)
Of nonproductive age	(603 443)

¹Data include both farm households and institutional holdings. - ²Discrepancies between the sum of area for the different land utilization categories and the total area of holdings are probably due to the nonreporting farms. - ³Area sown.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

KOREA,¹ REPUBLIC OF

Not classified by size of holding

Pears	
Number of holdings reporting	3 939
Area	2 271
Total number of trees	827 871
Of productive age	(629 019)
Of nonproductive age	(198 852)
Peaches	
Number of holdings reporting	11 791
Area	3 427
Total number of trees	1 437 107
Of productive age	(804 609)
Of nonproductive age	(632 498)
Persimmons	
Number of holdings reporting	7 499
Area	1 394
Total number of trees	481 584
Of productive age	(305 681)
Of nonproductive age	(175 903)
Other fruit trees	
Number of holdings reporting	7 346
Area	3 119
Grapes	
Number of holdings reporting	3 682
Area	2 989
Total number of vines	1 069 941
Of productive age	(503 191)
Of nonproductive age	(566 750)
Mulberry for silkworms	
Number of holdings reporting	32 171
Area	2 440
Total number of trees	13 533 206
Of productive age	(5 880 816)
Of nonproductive age	(7 652 390)
Nurseries	
Number of holdings reporting	3 085
Area	1 159

3 - LIVESTOCK AND POULTRY

Cattle	
Number of holdings reporting	927 536
Total number of cattle	1 013 143
Cattle under 2 years of age	368 237
Male	(163 925)
Female	(204 312)
Cattle 2 years of age and over	643 616
Male	(177 254)
Female	(466 362)
Holdings reporting specified number of cattle:	
1 head	856 310
2 head	62 696
3-4 head	7 536
5 head and over	994
Goats	
Number of goats	145 851

Pigs	
Number of holdings reporting	1 010 705
Total number of pigs	4 ¹ 163 229
Pigs under 6 months of age	(538 565)
Pigs 6 months of age and over	(604 664)

Poultry and rabbits

Chickens	
Number of holdings reporting	1 329 763
Number of chickens	8 092 892
Of which:	
Laying hens	3 992 923

Ducks	
Number of holdings reporting	21 897
Number of ducks	112 006

Rabbits	
Number of holdings reporting	308 526
Number of rabbits	648 630

Bees	
Number of holdings reporting	34 672
Number of beehives	89 008
Honey production (kg)	297 720

Silkworms	
Number of holdings reporting	251 046
Production of fresh cocoons (kg)	2 826 745

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Use and source of power on the holding

Number of holdings reporting the use of:	
Mechanical power	147
Animal power	2 280 002
Human power only	21 156

Selected agricultural equipment on the holding

Internal combustion motors

Number of holdings reporting	16 949
Number of internal combustion motors	17 287

Plows

Number of holdings reporting	931 074
Number of plows	1 076 544

Weeders

Number of holdings reporting	273 774
Number of weeders	362 221

Sprayers

Total number of sprayers	46 281
Hand-operated	(44 835)
Engine-operated	(1 446)

Dusters

Total number of dusters	18 069
Hand-operated	(17 624)
Engine-operated	(445)

¹ Data include both farm households and institutional holdings. - ⁴ In the national report: 1,166,274.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

KOREA,¹ REPUBLIC OF

Not classified by size of holding

Threshers (engine-operated)	
Number of holdings reporting	10 447
Number of threshers	10 866
Straw mat makers	
Number of holdings reporting	531 613
Number of straw mat makers	533 742
Straw rope makers	
Number of holdings reporting	59 216
Number of straw rope makers	60 364
Carts (animal-operated)	
Number of holdings reporting	103 940
Number of carts	104 601
7 - IRRIGATION AND DRAINAGE	
Land provided with irrigation facilities	
Area	748 790

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers

Organic fertilizers	
Compost and farmyard manure	
Number of holdings reporting	2 199 655
Amount applied (metric tons)	11 226 676
Green manure	
Number of holdings reporting	1 200 563
Amount applied (metric tons)	2 533 579
Inorganic fertilizers	
Nitrogenous fertilizers	
Amount applied (metric tons)	532 818
Phosphate fertilizers	
Number of holdings reporting	1 729 677
Amount applied (metric tons)	169 582
Mixed inorganic fertilizers	
Number of holdings reporting	902 644
Amount applied (metric tons)	58 981
Other inorganic fertilizers	
Number of holdings reporting	298 911
Amount applied (metric tons)	17 428

Application of soil dressings

Lime	
Number of holdings reporting	44 349
Amount applied (metric tons)	8 229

¹ Data include both households and institutional holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CULTIVATED AREA
OF HOLDING

KOREA, REPUBLIC OF
Farm households
Classified by size of holding

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
0 - HOLDER, HOLDING AND TENURE									
Number and area of holdings ¹									
Number	2 329 128	166 341	649 003	837 414	399 088	162 986	66 728	28 035	19 533
Percentage distribution	100.0	7.1	27.9	36.0	17.1	7.0	2.9	1.2	0.8
Area	3 839 464	48 475	396 203	1 167 049	995 798	599 222	316 528	164 597	151 592
Percentage distribution	100.0	1.3	10.3	30.4	25.9	15.6	8.3	4.3	3.9
Fragmentation									
Number of holdings consisting of:									
1-2 parcels	695 222	145 615	358 523	153 071	27 560	6 643	2 263	778	769
3-4 parcels	852 751	15 761	238 783	413 825	131 581	35 375	11 104	3 827	2 495
5-6 parcels	450 912	871	34 952	194 812	138 276	52 990	18 385	6 656	3 970
7-8 parcels	184 897	129	4 362	49 899	65 331	37 814	16 406	6 687	4 269
9-10 parcels	67 082	23	651	10 730	21 404	16 936	9 538	4 681	3 119
11 parcels and over	42 942	1	218	3 563	10 057	11 268	8 194	5 029	4 612
Age of the holder									
Number of holders:									
Under 35 years of age	538 360	47 380	190 254	192 091	69 968	24 154	8 912	3 386	2 215
35-44 years of age	617 680	45 112	175 453	225 708	102 207	40 542	16 573	7 060	5 025
45-54 years of age	612 397	37 472	145 400	220 022	120 099	51 882	21 778	9 303	6 441
55-64 years of age	400 208	24 410	95 531	143 703	78 139	33 978	14 212	6 023	4 212
65 years of age and over	160 045	11 927	42 218	55 758	28 612	12 403	5 240	2 256	1 631
Number of holdings, by tenure									
Holdings operated under one form of tenure									
Holdings owned by the holder or in ownerlike possession									
Number	1 714 820	130 470	487 969	596 811	286 741	122 205	52 269	22 554	15 801
Holdings operated under other single forms of tenure									
Number	156 991	26 893	62 631	47 881	14 368	3 593	1 065	322	238
Holdings operated under more than one form of tenure									
More than 50% owned by the holder or in ownerlike possession									
Number	330 680	5 224	63 155	137 953	75 731	30 167	11 139	4 363	2 948
Less than 50% owned by the holder or in ownerlike possession									
Number	126 637	3 754	35 248	54 769	22 248	7 021	2 255	796	546
1 - LAND UTILIZATION									
Utilization of land in holdings ²									
Arable land									
Area	1 859 476	24 202	220 822	590 749	471 879	271 125	142 710	73 310	64 679
Land under permanent crops									
Number of holdings reporting ..	74 600	601	5 944	20 567	19 995	12 540	7 024	3 747	4 182
Area	23 701	55	802	3 568	4 610	3 683	2 957	2 078	5 948

¹ Figures regarding number of holdings including both "Farm households" and "Institutional holdings" classified by size of holding are given in the original source as follows:

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
0 - HOLDER, HOLDING AND TENURE									
Number of holdings									
Number	2 331 874	166 847	650 064	837 966	399 280	163 063	66 784	28 076	19 794
Percentage distribution	100.0	7.1	27.9	36.0	17.1	7.0	2.9	1.2	0.8

² Discrepancies between the sum of areas for the different land utilization categories and the total area of holdings are probably due to the nonreporting farms.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CULTIVATED AREA
OF HOLDING

KOREA, REPUBLIC OF
Farm households
Classified by size of holding

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
Pasture and grazing land									
Number of holdings reporting ..	26 893	472	4 039	10 358	6 813	2 966	1 294	524	427
Area	17 342	179	1 760	5 987	4 291	2 626	1 246	585	668
Wood or forest land									
Number of holdings reporting ..	581 159	11 371	77 373	199 575	148 395	78 460	37 042	16 840	12 103
Area	1 843 034	20 344	153 668	533 522	494 624	311 767	164 647	86 337	78 125
All other land									
Number of holdings reporting ..	2 252 372	152 692	615 279	817 016	393 133	161 011	66 116	27 744	19 381
Area	95 790	3 688	19 039	33 247	20 424	9 991	4 961	2 287	2 153
2 - CROPS - AREA AND PRODUCTION									
Crops on arable land									
Wheat									
Number of holdings reporting ..	1 392 552	30 090	271 907	555 408	308 796	133 033	54 947	23 105	15 266
Area	124 499	1 212	14 384	42 002	32 865	17 857	8 788	4 152	3 239
Production	187 424	1 920	22 679	64 783	48 387	25 781	12 699	6 091	5 084
Rice (total)									
Area	1 052 827	9 761	119 504	328 011	264 615	157 063	83 541	50 555	39 777
Production	3 188 856	28 690	352 247	984 520	799 225	473 807	259 490	159 238	131 639
<i>Wet rice</i>									
Number of holdings reporting ..	2 030 102	80 768	523 842	776 760	380 097	157 757	64 676	27 344	18 858
Area	(1 046 689)	(9 692)	(119 003)	(326 033)	(262 887)	(156 096)	(83 048)	(50 329)	(39 601)
Production	(3 182 513)	(28 605)	(351 631)	(982 492)	(797 535)	(472 820)	(258 999)	(158 990)	(131 441)
<i>Dry rice</i>									
Number of holdings reporting ..	34 718	657	4 641	13 378	8 943	4 039	1 817	732	511
Area	(6 138)	(69)	(501)	(1 978)	(1 728)	(967)	(493)	(226)	(176)
Production	(6 343)	(85)	(617)	(2 026)	(1 690)	(987)	(492)	(248)	(198)
Millet									
Number of holdings reporting ..	686 777	30 544	147 704	257 690	147 192	62 601	25 012	9 930	6 104
Area	91 919	2 261	14 032	31 434	23 482	11 729	5 246	2 254	1 481
Barley									
Number of holdings reporting ..	1 319 409	63 957	308 368	497 036	262 907	111 533	45 306	18 680	11 622
Area	352 293	6 558	50 714	123 364	88 298	45 384	20 991	9 953	7 031
Production	533 738	10 835	81 806	191 396	130 693	65 118	29 637	14 096	10 157
Edible dry beans									
Number of holdings reporting ..	867 228	15 037	125 683	326 428	197 225	116 552	53 993	19 343	12 967
Area	41 923	330	3 420	12 570	10 774	7 593	4 142	1 747	1 347
Production	19 767	160	1 665	5 988	5 040	3 597	1 931	788	598
Soybeans									
Number of holdings reporting ..	1 676 099	59 744	358 080	658 300	350 207	147 460	60 316	25 241	16 751
Area	233 289	3 524	26 768	75 587	61 579	34 391	17 194	8 194	6 052
Production	173 458	2 876	20 910	56 761	45 061	24 942	12 373	5 938	4 597
Potatoes									
Number of holdings reporting ..	1 023 902	31 310	194 972	393 685	231 348	101 483	42 239	17 614	11 251
Area	45 371	897	5 926	15 536	11 936	6 038	2 840	1 292	906
Sweet potatoes									
Number of holdings reporting ..	1 229 613	58 929	282 319	466 230	243 756	104 439	43 369	18 334	12 237
Area	78 193	3 112	15 475	27 874	16 840	8 042	3 690	1 714	1 446
Cotton									
Number of holdings reporting ..	428 118	5 167	58 204	160 148	109 743	53 874	23 695	10 490	6 797
Area	23 170	151	2 120	7 549	6 469	3 617	1 767	860	637
Hemp									
Number of holdings reporting ..	171 802	1 706	25 725	73 429	43 555	17 175	6 376	2 414	1 422
Area	4 199	26	465	1 617	1 166	529	229	97	70
Red peppers									
Number of holdings reporting ..	1 728 183	70 234	387 661	669 096	349 808	147 501	60 718	25 699	17 466
Area	39 309	885	6 064	14 123	9 560	4 697	2 172	1 022	786

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CULTIVATED AREA
OF HOLDING

KOREA, REPUBLIC OF
Farm households
Classified by size of holding

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
Chinese cabbage									
Number of holdings reporting ..	1 809 980	82 518	417 329	690 149	359 683	152 063	63 041	26 680	18 517
Area	38 404	1 322	6 247	12 389	8 692	4 742	2 497	1 302	1 213
Melons and watermelons									
Number of holdings reporting ..	197 584	4 127	24 754	63 125	50 387	28 933	14 425	6 897	4 936
Area	15 248	215	1 474	4 119	3 838	2 563	1 474	800	765
Garlic									
Number of holdings reporting ..	1 134 938	38 955	228 329	434 620	246 422	108 061	45 619	19 555	13 377
Area	13 458	335	2 037	4 637	3 292	1 666	802	387	302
Radish									
Number of holdings reporting ..	1 804 154	79 803	414 617	691 104	359 252	151 536	62 852	26 579	18 411
Area	38 794	1 093	5 907	12 537	9 020	4 937	2 607	1 381	1 312
Green manure crops									
Number of holdings reporting ..	66 469	712	8 094	23 550	17 897	8 972	3 953	1 842	1 449
Area ³	8 073	21	447	2 040	2 230	1 526	849	462	498
Permanent crops									
Apples									
Number of holdings reporting ..	14 280	49	888	3 537	3 697	2 455	1 478	877	1 299
Area	8 905	7	230	1 306	1 843	1 540	1 130	820	2 029
Total number of trees	1 865 709	2 146	60 298	307 758	410 226	325 351	239 432	165 091	355 407
Of productive age	(1 269 101)	(1 421)	(43 451)	(210 204)	(280 553)	(227 053)	(161 878)	(117 597)	(226 944)
Of nonproductive age	(596 608)	(725)	(16 847)	(97 554)	(129 673)	(98 298)	(77 554)	(47 494)	(128 463)
Pears									
Number of holdings reporting ..	3 860	19	181	670	846	593	501	328	722
Area	2 213	2	31	181	346	263	306	222	862
Total number of trees	806 839	1 196	18 518	79 506	131 143	98 113	121 770	74 110	282 483
Of productive age	(612 494)	(1 000)	(15 422)	(60 879)	(98 797)	(73 090)	(88 708)	(56 489)	(218 109)
Of nonproductive age	(194 345)	(196)	(3 096)	(18 627)	(32 346)	(25 023)	(33 062)	(17 621)	(64 374)
Peaches									
Number of holdings reporting ..	11 675	156	1 190	3 139	2 725	1 664	1 131	637	1 033
Area	3 376	17	181	662	708	497	419	260	632
Total number of trees	1 420 528	10 131	91 397	298 905	312 671	210 784	166 081	104 523	226 036
Of productive age	(796 549)	(5 745)	(53 441)	(169 066)	(176 543)	(119 376)	(93 631)	(58 892)	(119 855)
Of nonproductive age	(623 979)	(4 386)	(37 956)	(129 839)	(136 128)	(91 408)	(72 450)	(45 631)	(106 181)
Persimmons									
Number of holdings reporting ..	7 435	68	625	2 070	1 791	1 229	757	376	519
Area	1 373	5	63	253	280	233	167	95	277
Total number of trees	476 225	2 029	30 776	92 527	95 714	77 107	54 155	44 335	79 582
Of productive age	(302 352)	(1 305)	(17 531)	(64 920)	(62 666)	(48 681)	(36 344)	(25 204)	(45 701)
Of nonproductive age	(173 873)	(724)	(13 245)	(27 607)	(33 048)	(28 426)	(17 811)	(19 131)	(33 881)
Other fruit trees									
Number of holdings reporting ..	7 263	52	482	1 638	1 776	1 299	812	494	710
Area	2 704	3	54	251	398	374	356	278	990
Grapes									
Number of holdings reporting ..	3 595	61	393	766	699	553	408	284	431
Area	952	7	64	157	161	137	121	94	211
Total number of vines	1 040 451	8 732	96 202	183 308	181 175	158 448	133 620	88 300	190 666
Of productive age	(490 908)	(3 703)	(51 231)	(82 289)	(87 637)	(74 042)	(64 889)	(35 849)	(91 268)
Of nonproductive age	(549 543)	(5 029)	(44 971)	(101 019)	(93 538)	(84 406)	(68 731)	(52 451)	(99 398)
Mulberry for silkworms									
Number of holdings reporting ..	32 049	132	1 884	8 731	9 602	6 026	3 083	1 450	1 141
Area	2 322	7	105	502	620	441	282	155	210
Total number of trees	12 794 372	31 938	539 179	2 948 770	3 386 853	2 510 132	1 391 757	767 315	1 218 428
Of productive age	(5 395 621)	(15 132)	(218 933)	(1 128 086)	(1 320 989)	(1 063 995)	(603 162)	(341 423)	(703 901)
Of nonproductive age	(7 398 751)	(16 806)	(320 246)	(1 820 684)	(2 065 864)	(1 446 137)	(788 595)	(425 892)	(514 527)
Nurseries									
Number of holdings reporting ..	2 778	34	197	616	601	453	290	222	365
Area	936	2	25	82	97	110	102	93	475

³ Area sown.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CULTIVATED AREA
OF HOLDING

KOREA, REPUBLIC OF
Farm households
Classified by size of holding

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
3 - LIVESTOCK AND POULTRY									
Cattle									
Number of holdings reporting	927 256	11 974	122 436	345 553	239 621	116 191	52 236	23 060	16 185
Total number of cattle	1 011 688	12 553	128 463	371 338	265 240	130 426	59 029	26 037	18 602
Cattle under 2 years of age	367 706	8 306	76 285	160 506	79 175	27 562	9 757	3 655	2 460
Male	(163 709)	(3 450)	(32 527)	(72 388)	(36 243)	(12 372)	(4 223)	(1 474)	(1 032)
Female	(203 997)	(4 856)	(43 758)	(88 118)	(42 932)	(15 190)	(5 534)	(2 181)	(1 428)
Cattle 2 years of age and over . . .	642 692	4 223	52 007	210 390	185 748	102 693	49 172	22 344	16 115
Male	(177 012)	(1 099)	(13 388)	(55 861)	(51 841)	(29 160)	(14 009)	(6 627)	(5 027)
Female	(465 680)	(3 124)	(38 619)	(154 529)	(133 907)	(73 533)	(35 163)	(15 717)	(11 088)
Holdings reporting specified number of cattle									
1 head	856 125	11 501	117 233	323 013	217 980	104 484	46 775	20 738	14 401
2 head	62 647	425	4 670	20 226	19 045	10 155	4 666	1 979	1 481
3-4 head	7 509	33	472	2 126	2 284	1 366	690	287	251
5 head and over	975	15	61	188	312	186	105	56	52
Goats									
Number of goats	144 824	9 404	39 996	51 716	23 599	10 862	4 747	2 438	2 062
Pigs									
Number of holdings reporting	1 010 092	42 193	230 002	377 615	200 488	89 104	39 416	17 766	13 508
Total number of pigs	1 160 250	47 392	252 134	419 792	233 722	108 925	51 078	25 127	22 080
Pigs under 6 months of age	(557 676)	(26 166)	(136 853)	(207 937)	(104 797)	(44 719)	(19 987)	(9 367)	(7 850)
Pigs 6 months of age and over . . .	(602 574)	(21 226)	(115 281)	(211 855)	(128 925)	(64 206)	(31 091)	(15 760)	(14 230)
Poultry and rabbits									
Chickens									
Number of holdings reporting	1 329 177	54 066	289 012	497 343	275 285	121 479	52 683	22 852	16 457
Number of chickens	8 015 572	307 363	1 440 409	2 646 776	1 718 351	904 459	555 009	228 851	214 354
Of which:									
Laying hens	3 944 512	161 577	713 962	1 290 107	847 943	454 265	238 017	118 884	119 757
Ducks									
Number of holdings reporting	21 774	628	3 045	5 993	4 753	3 180	1 834	1 117	1 224
Number of ducks	110 611	3 683	17 928	31 751	23 315	15 324	7 751	4 814	6 045
Rabbits									
Number of holdings reporting	308 052	14 405	63 923	111 579	65 175	30 279	13 181	5 693	3 817
Number of rabbits	642 027	30 856	129 720	226 509	136 103	65 873	29 728	13 244	9 994
Bees									
Number of holdings reporting	34 542	588	4 221	11 730	9 336	4 789	2 097	956	825
Number of beehives	88 313	2 363	10 921	27 409	21 552	13 159	6 374	3 195	3 340
Honey production (kg)	294 183	8 089	36 329	77 173	68 804	51 397	24 313	12 982	15 096
Silkworms									
Number of holdings reporting	250 985	3 657	34 580	97 826	66 557	29 392	11 529	4 564	2 880
Production of fresh cocoons (kg) . .	2 818 037	30 956	305 877	997 208	797 513	395 779	167 565	70 523	52 616
4 - EMPLOYMENT IN AGRICULTURE									
Persons employed in agricultural work on the holding									
All persons	7 881 808	420 148	1 807 940	2 794 298	1 565 295	718 720	320 207	144 841	110 359
Holders and unpaid members of their families									
Permanent workers (total)	5 164 461	278 376	1 227 317	1 875 254	1 014 922	443 590	187 539	80 542	56 901
Male	3 017 351	152 302	698 137	1 102 465	605 573	264 995	111 970	47 966	33 943
Under 14 years of age	(54 341)	(3 323)	(14 005)	(20 485)	(10 064)	(3 940)	(1 512)	(614)	(398)
14 years of age and over	(2 963 010)	(148 979)	(684 132)	(1 081 980)	(595 509)	(261 055)	(110 458)	(47 352)	(33 545)
Female	2 147 110	126 074	529 180	772 789	409 349	178 595	75 589	32 576	22 958
Under 14 years of age	(34 825)	(2 341)	(9 354)	(12 628)	(6 211)	(2 541)	(1 008)	(450)	(292)
14 years of age and over	(2 112 285)	(123 733)	(519 826)	(760 161)	(403 138)	(176 054)	(74 581)	(32 126)	(22 666)

¹ In the national report: 1,163,286.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CULTIVATED AREA
OF HOLDING

KOREA, REPUBLIC OF
Farm households
Classified by size of holding

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
Temporary workers (total) ...	2 476 900	141 090	574 858	883 502	489 111	219 442	95 566	42 187	31 144
Male	850 855	52 719	194 823	295 081	167 381	77 489	35 103	15 933	12 326
Under 14 years of age ...	(331 573)	(17 457)	(78 229)	(125 061)	(64 849)	(26 863)	(11 054)	(4 613)	(3 447)
14 years of age and over .	(519 282)	(35 262)	(116 594)	(170 020)	(102 532)	(50 626)	(24 049)	(11 320)	(8 879)
Female	1 626 045	88 371	380 035	588 421	321 730	141 953	60 463	26 254	18 818
Under 14 years of age ...	(311 960)	(16 581)	(73 570)	(117 067)	(60 765)	(25 431)	(10 582)	(4 533)	(3 431)
14 years of age and over .	(1 314 085)	(71 790)	(306 465)	(471 354)	(260 965)	(116 522)	(49 881)	(21 721)	(15 387)
Persons working for pay									
Number of persons	240 447	682	5 765	35 542	61 262	55 688	37 082	22 112	22 314
5 - FARM POPULATION									
 Holders and members of the holder's household									
All persons	14 242 489	797 315	3 344 258	5 085 551	2 806 169	1 254 972	544 032	238 164	172 028
Male	(7 000 781)	(386 294)	(1 627 756)	(2 497 521)	(1 388 454)	(623 363)	(271 309)	(119 066)	(87 018)
Female	(7 241 708)	(411 021)	(1 716 502)	(2 588 030)	(1 417 715)	(631 609)	(272 723)	(119 098)	(85 010)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES									
 Use and source of power on agricultural holdings									
Holdings reporting the use of:									
Mechanical power	136	8	20	38	31	11	6	7	15
Animal power	2 277 683	157 259	633 289	822 467	392 262	160 240	65 557	27 509	19 100
Human power only	20 910	6 629	7 643	4 533	1 476	378	134	48	69
 Selected agricultural equipment on the holding									
Internal combustion motors									
Number of holdings reporting ..	16 835	558	2 107	3 523	3 023	2 486	1 777	1 313	2 048
Number of internal combustion motors	17 130	567	2 133	3 561	3 065	2 494	1 823	1 329	2 158
Plows									
Number of holdings reporting ..	930 693	13 257	130 650	335 788	236 059	119 789	54 378	23 932	16 840
Number of plows	1 075 820	13 968	139 900	379 295	278 500	145 307	67 113	30 060	21 677
Weeders									
Number of holdings reporting ..	273 558	5 147	45 783	104 909	63 780	29 301	13 208	6 252	5 178
Number of weeders	361 011	6 381	55 265	127 629	84 307	43 217	21 800	11 276	11 136
Sprayers									
Total number of sprayers	45 566	368	2 619	8 995	10 650	8 482	5 859	3 752	4 841
Hand-operated	(44 143)	(362)	(2 572)	(8 808)	(10 375)	(8 236)	(5 657)	(3 606)	(4 527)
Engine-operated	(1 423)	(6)	(47)	(187)	(275)	(246)	(202)	(146)	(314)
Dusters									
Total number of dusters	17 633	141	1 095	3 768	4 303	3 301	2 075	1 326	1 624
Hand-operated	(17 196)	(134)	(1 047)	(3 685)	(4 221)	(3 246)	(2 031)	(1 296)	(1 536)
Engine-operated	(437)	(7)	(48)	(83)	(82)	(55)	(44)	(30)	(88)
Threshers (engine-operated)									
Number of holdings reporting ..	10 383	307	1 280	2 312	1 936	1 514	1 029	797	1 208
Number of threshers	10 787	324	1 327	2 376	2 032	1 581	1 073	820	1 254
Straw mat makers									
Number of holdings reporting ..	531 576	6 859	66 806	196 205	141 350	69 459	30 003	12 729	8 165
Number of straw mat makers	533 622	6 894	66 896	196 970	142 037	69 717	30 133	12 780	8 195
Straw rope makers									
Number of holdings reporting ..	59 114	982	6 470	15 288	12 834	9 321	6 170	3 830	4 219
Number of straw rope makers	60 214	1 026	6 661	15 594	13 116	9 449	6 237	3 864	4 267
Carts (animal-operated)									
Number of holdings reporting ..	103 730	1 018	6 502	22 197	26 541	20 074	12 604	7 482	7 312
Number of carts	104 345	1 032	6 568	22 348	26 640	20 149	12 677	7 527	7 404

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY CULTIVATED AREA
 OF HOLDING

KOREA, REPUBLIC OF
 Farm households
 Classified by size of holding

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1.0 ha	1.0 and under 1.5 ha	1.5 and under 2.0 ha	2.0 and under 2.5 ha	2.5 and under 3.0 ha	3.0 ha and over
		1 and under 2 tanbo	2 and under 5 tanbo	5 and under 10 tanbo	10 and under 15 tanbo	15 and under 20 tanbo	20 and under 25 tanbo	25 and under 30 tanbo	30 tanbo and over
7 - IRRIGATION AND DRAINAGE									
Land provided with irrigation facilities									
Area	747 879	6 258	78 632	222 224	187 510	116 457	65 731	36 175	34 892
8 - FERTILIZERS AND SOIL DRESSINGS									
Application of organic and inorganic fertilizers									
Organic fertilizers									
Compost and farmyard manure									
Number of holdings reporting.	2 197 476	140 311	592 099	802 170	389 586	160 519	65 895	27 713	19 273
Amount applied (metric tons) .	11 169 915	229 710	1 616 632	3 674 643	2 655 653	1 449 957	759 728	408 727	374 865
Green manure									
Number of holdings reporting.	1 199 895	44 735	295 032	475 551	232 804	93 150	35 706	14 070	8 847
Amount applied (metric tons).	2 530 188	38 640	379 600	927 923	618 731	307 584	141 417	67 989	48 304
Inorganic fertilizers									
Nitrogenous fertilizers									
Amount applied (metric tons).	531 774	10 281	74 680	169 642	126 821	72 396	38 774	20 241	18 939
Phosphate fertilizers									
Number of holdings reporting.	1 728 286	71 018	404 691	656 360	343 517	146 626	61 541	26 179	18 354
Amount applied (metric tons).	169 150	3 026	23 572	54 594	40 059	22 424	12 053	6 507	6 915
Mixed inorganic fertilizers									
Number of holdings reporting.	902 154	30 081	205 528	347 453	180 765	79 123	33 632	14 738	10 834
Amount applied (metric tons).	58 882	923	8 373	19 717	13 862	7 668	4 005	2 119	2 215
Other inorganic fertilizers									
Number of holdings reporting.	298 632	9 584	61 190	111 107	63 329	29 599	13 242	5 988	4 593
Amount applied (metric tons).	17 193	309	2 172	5 055	4 042	2 417	1 318	778	1 102
Application of soil dressings									
Lime									
Number of holdings reporting ..	44 151	1 020	6 797	14 848	10 279	5 499	2 835	1 461	1 412
Amount applied (metric tons) ..	7 225	69	618	1 744	1 628	1 146	734	491	795

Date of the census and time reference

The sample enumeration of farm households started in April 1960 and was completed by the first week of May in all states except Selangor where it was taken a fortnight later.

For estates, the deadline for returning the census questionnaire was 17 September 1960.

The data for farm households on area and production of permanent crops, livestock and poultry and machinery refer to the date of the census. The rest of the information refers to the year preceding the census.

Time reference for estates and group settlement farms was 31 July 1960 for information on land area, employment in agriculture, machinery and use of power. Crop production and use of fertilizers for estates was the year 1959. For Group Settlement farms, information on use of fertilizers and area and production of temporary crops refers to 1959.

For government farms data relate to 1 October 1960 for land area, employment in agriculture and machinery and use of power. Data on production of crops and use of fertilizers refer to the year preceding the census.

Method of collection and processing of census data

Separate census questionnaires were used for farm households, estates, government farms and Group Settlement Scheme farms.

¹ Former Federation of Malaya.

² The following areas were excluded from the census: (a) large urban areas, with a population exceeding 1,000 households (approximately 6,000 persons) as reported in the 1957 Population Census; (b) smaller urban areas with a population not exceeding 1,000 households but of which only 5 percent or less were agricultural households as reported by District Agriculture Census Committees; and (c) areas of remote forest and shifting aboriginal agriculture in deep forest areas.

The national report shows separate data for each of the above categories of holdings and the same form of presentation of data is used in this report in view of the large differences in the agricultural structure for the different categories of holdings.

Farm households were enumerated on a sampling basis. Data on estates, government farms and Group Settlement Scheme farms were collected through a 100 percent postal enumeration.

The country was divided, for census operations, into small geographical areas or segments. Segmentation of rural areas, excluding the areas under estate control, was conducted at district level, based on local knowledge of roads, etc. A segment card which described each of the created segments with details of the type of farming and the number of farm households, provided the supplementary information for the first-stage sampling of segments. Segmentation of urban areas was done at the Central Office, using the supplementary information provided by the census staff.

Farm households were selected for enumeration on a two-stage sampling basis: area segments formed the primary units and holdings constituted the secondary units. The list of holdings within each segment was obtained by means of a farm listing sheet on which information on households engaged in agricultural activities together with the area of the total land operated by each household was recorded. The first-stage sampling units (segments) were stratified according to urban and rural sectors and then into nine types of farming activities, as follows:

1. Predominantly rubber
2. Predominantly coconut
3. Predominantly rice
4. Predominantly market garden
5. Other predominant crops
6. Equal rubber and rice

7. Equal coconut and rice
8. Mixed farming
9. Nonfarming

A sample of half the segments was selected in five independent subsamples (each of one tenth). For the second-stage sampling, holdings listed within the segment were arranged according to the descending order of the size of total land operated. Holdings were then systematically selected. All holdings of 15 acres and more were included in the sample.

For the enumeration of estates, a card index was compiled using the list of estates registered with the Department of Statistics as well as supplementary information obtained from the Labor Department.

Tabulation of data was carried out by the punch-card method.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder, in the case of farm households, was defined as the person using land for his farming operations (carried out alone or with the assistance of others) and having the responsibility for the major farming activities.

Holding

A *farm household* was defined as that operating for farming purposes a total area of $\frac{1}{4}$ of an acre to less than 100 acres; a *household* was defined as all persons living and eating together from the same cooking pot.

Farming operation was considered as the growing of crops or keeping livestock for food or for draft purposes.

An *estate* was defined, for census purposes, as an area of 100 acres or more of cultivated land managed as a single agricultural unit operating its own set of financial accounts. As cultivated land was included all land planted with crops, cleared land or land being cleared prior to planting. An estate is said to be "managed as a single agricultural unit" if it had its own

labor force, machinery or equipment and was able to supply information on land use, production, etc.

A *government holding* was defined as an agricultural enterprise run by the Government for research, extension, training or demonstration. It included all land owned or leased for agricultural purposes, such as the production of crops, livestock and livestock products.

A *Group Settlement Scheme holding* was defined as a group of holdings organized by the Government either through the State Land Development Boards or the Federal Land Development Authority. The Government has an important part in the management, planning and organization of these settlement schemes, including the selection of settlers, supply of selected planting material and housing, supply of a subsistence allowance in the early stages of the scheme, credit facilities, etc. Ultimately, the control exercised by the Government will be released and the holdings will be operated by the settlers themselves.

Parcel. A parcel was defined as land entirely surrounded by land of other holdings or by land not forming part of any holding, e.g., forest, river, main road, etc.

The basis for the classification of holdings by size was the cropland.

Tenure

Questions regarding this topic refer to the farm households only.

Area owned by the holder or in ownerlike possession includes land held in the form of an approved title from the Government; the holder has virtually unrestricted power to transfer the land by sale or gift. This item also includes land owned on a temporary title, i.e., temporary licenses from the Government to occupy the land at a nominal fee, usually as a first stage for obtaining a more permanent title.

Area rented from others includes land which the holder obtains in return for either fixed sums in cash, or for fixed amounts of the crop paid in kind at harvest, or for a share of the crop, i.e., one half or one third. Under this category is included also land for which the holder

MALAYSIA

gives services in the form of plowing, felling jungle or giving a loan of money.

Area under other forms of tenure includes land cultivated free without any payment of fees or rent, either to the Government or landlord, e.g., road and railway reserves and squatter land. Any land area for which the form of tenure was unknown was also included here.

1 - LAND UTILIZATION

Classification of land utilization for farm households includes the following categories: (a) arable land; (b) land under permanent crops; and (c) all other land. For estates, government holdings and Group Settlement Scheme holdings, land utilization is classified into (a) cropland (arable land and land under permanent crops); and (b) all other land.

Arable land

This includes land under temporary crops, i.e., crops occupying the land for less than one year and being destroyed by harvesting. Under this category is included wet paddy land with permanent or temporary bunds constructed for the retention of water (excluding uplands used for dry paddy). Land used for vegetables and flowers is also included here. Areas of temporary crops interplanted with permanent crops are excluded.

Land under permanent crops

This includes the area of crops occupying the land for long periods and which do not require replanting after each harvest, i.e., rubber, coconut, fruit trees, coffee, bananas, etc. Land leased out for the harvesting of trees is also included. Area of rubber trees associated with vegetables or temporary crops is included under this group.

All other land

This includes any land which is not cultivated with crops, e.g., grassland, abandoned land, forest land, roads, footpaths, swamps and wasteland, etc. It includes also land used solely for the keeping of livestock.

2 - CROPS

Only crops with an area of at least $\frac{1}{4}$ of an acre were reported. For temporary and permanent crops grown mixed or associated, the area occupied by each one was estimated separately. In the case of successive crops the aggregate area was reported.

3 - LIVESTOCK AND POULTRY

Data for government holdings refer to animals on the holding at the enumeration date. Information for farm households and Group Settlement Scheme holdings refers to animals owned by the holder or settlers at the enumeration date. Only poultry two months of age and over were included.

Data on livestock and poultry include also animals owned by nonfarm households, i.e., households engaged only in livestock activities without any land or, if any land, less than $\frac{1}{4}$ of an acre.

4 - EMPLOYMENT IN AGRICULTURE

Nonfamily paid workers in the case of farm households were classified into permanent and regular workers. Data on occasional workers and on persons exchanging agricultural labor are available in terms of man-days worked during the year preceding the census.

Permanent workers were defined as those working every day during 10, 11 or 12 months of the year. They may be paid in cash or in kind.

Regular workers include those working for a few days only at any time in a regular way through the year, i.e., every month, or every two, three or four months.

Occasional workers were defined as those working only once or twice a year. For estates, government holdings and Group Settlement Scheme holdings data cover only persons directly employed.

5 - FARM POPULATION

Data refer to the usual members of the holder's household.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data on agricultural machinery refer to farm equipment owned or used on the holding at the time of the enumeration. Equipment owned jointly by two or more holders was reported on the holding where it was located at the time of the enumeration. Farm equipment owned was that readily available for use on holdings, although it may not always have been put to use by the holder during the previous agricultural year.

7 - IRRIGATION AND DRAINAGE

Irrigation was defined, for census purposes, as the supplying of water to crops in addition to rainwater. Data on this section refer to the year preceding the census.

8 - FERTILIZERS AND SOIL DRESSINGS

Data refer to the quantity of fertilizers used on the holding during the year preceding the

census. Area to which two or more kinds of fertilizers were applied was counted only once.

9 - WOOD AND FISHERY PRODUCTS

Data on fish production refer to the quantities caught during the year preceding the census. The census distinguished fish obtained from three different sources: (a) fish reared from fry; (b) fish caught on one's own holding; and (c) fish caught from waters outside the holding. Data included in this report refer only to items (a) and (b).

* * *

SOURCE: Fed. of Malaya. Ministry of Agriculture and Co-operatives. Commissioner for Agricultural Census. *Census of Agriculture, Federation of Malaya, 1960. Reports 1 to 14: estates, government farms and group settlement scheme farms.* Kuala Lumpur.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	449 650	45 892	79 666	78 014	57 426	41 726
Percentage distribution	100.0	10.2	17.7	17.3	12.8	9.3
Area	905 866	12 657	46 573	78 334	81 144	76 863
Percentage distribution	100.0	1.4	5.1	8.6	9.0	8.5
Fragmentation						
Number of holdings consisting of:						
1 parcel	208 246	40 372	55 784	41 992	26 030	13 208
2 parcels	120 060	4 820	17 580	23 138	17 628	15 280
3 parcels	63 976	520	4 020	8 082	8 566	8 088
4 parcels	29 128	160	1 302	2 660	2 862	3 084
5-9 parcels	26 250	20	940	2 042	2 140	2 006
10 parcels and over	1 990	—	40	100	200	60
Age of the holder ¹						
Number of holders:						
Under 30 years of age	68 224	8 106	15 500	14 470	9 002	6 260
30 and under 40 years of age	107 746	10 464	20 240	20 152	14 842	9 522
40 and under 50 years of age	112 332	10 780	18 280	18 844	14 510	10 670
50 and under 60 years of age	87 896	8 622	13 764	13 484	10 326	8 472
60 and under 70 years of age	48 984	5 300	7 960	6 984	5 800	4 582
70 years of age and over	21 450	2 200	3 422	3 660	2 584	1 980
Number and area of holdings, by tenure						
Holdings operated under one form of tenure						
Holdings owned by the holder or in ownerlike possession						
Number	282 036	31 848	51 106	48 040	35 774	25 016
Area	566 736	8 563	28 514	46 612	48 821	45 095
Holdings rented from others						
Number	44 992	5 940	12 440	10 740	5 580	3 060
Area	51 631	1 364	6 534	10 170	7 416	5 165
Holdings operated under other single forms of tenure						
Number	26 274	6 464	6 980	4 726	2 642	1 520
Area	31 611	1 791	4 120	4 836	4 031	2 865
Holdings operated under more than one form of tenure						
Number	96 348	1 640	9 140	14 508	13 430	12 130
Area	255 888	939	7 406	16 717	20 877	23 737
1 - LAND UTILIZATION						
Utilization of land in holdings ²						
Arable land						
Number of holdings reporting	282 074	20 442	50 882	51 648	40 046	28 208
Area	283 582	3 973	21 675	36 366	37 730	31 559
Land under permanent crops						
Number of holdings reporting	359 036	30 550	52 506	58 150	46 022	36 306
Area	566 720	5 262	19 660	35 823	37 682	39 816
All other land						
Number of holdings reporting	51 936	4 524	7 162	7 166	5 998	5 502
Area	55 969	3 404	5 254	6 374	5 817	5 490
2 - CROPS - AREA AND PRODUCTION						
Crops on arable land						
Rice (total)						
Area	275 215	3 299	20 218	34 444	36 803	31 123
Production	487 284	6 508	34 541	57 260	62 555	53 983
<i>Wet rice</i>						
Area	(264 035)	(3 228)	(19 502)	(32 924)	(35 280)	(30 017)
Production	478 356	6 419	33 830	56 081	61 354	53 094
<i>Dry rice</i>						
Area	(11 180)	(71)	(716)	(1 520)	(1 523)	(1 106)
Production	8 928	89	711	1 179	1 201	889

¹ Excludes 3,018 holders whose age is unknown. — ² Discrepancies between the sum of the different land utilization categories and total area of the holdings are probably due to rounding of figures in the national report.

MALAYSIA
Farm households
Classified by size of holding

DP AREA OF HOLDING

0 and under 0.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
0 and under 0.0 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
							0 - HOLDER, HOLDING AND TENURE
							Number and area of holdings
72 074	28 678	28 272	12 628	4 346	788	140	Number
16.0	6.4	6.3	2.8	1.0	0.2	—	Percentage distribution
180 587	103 661	138 286	97 467	58 875	21 565	9 854	Area
19.9	11.4	15.3	10.8	6.5	2.4	1.1	Percentage distribution
							Fragmentation
							Number of holdings consisting of:
20 410	4 730	4 054	1 138	392	98	38	1 parcel
24 732	7 908	6 620	1 822	456	56	20	2 parcels
15 730	8 604	7 076	2 580	618	82	10	3 parcels
6 558	4 334	5 004	2 434	616	98	16	4 parcels
4 322	2 978	5 370	4 344	1 790	276	22	5-9 parcels
322	124	148	310	474	178	34	10 parcels and over
							Age of the holder¹
							Number of holders:
8 878	2 516	2 474	782	184	44	8	Under 30 years of age
17 842	6 368	5 352	2 106	704	130	24	30 and under 40 years of age
18 266	7 946	8 268	3 378	1 132	222	36	40 and under 50 years of age
14 264	7 024	6 910	3 516	1 248	222	44	50 and under 60 years of age
8 518	3 314	3 636	2 004	750	116	20	60 and under 70 years of age
3 906	1 310	1 344	704	284	50	6	70 years of age and over
							Number and area of holdings, by tenure
							Holdings operated under one form of tenure
							Holdings owned by the holder or in ownerlike possession
42 754	16 596	18 374	8 542	3 204	658	124	Number
105 010	59 528	88 694	65 527	43 361	18 073	8 908	Area
							Holdings rented from others
5 440	924	670	164	30	4	—	Number
13 081	3 158	3 039	1 222	378	104	—	Area
							Holdings operated under other single forms of tenure
2 390	562	714	234	38	—	4	Number
5 951	2 090	3 387	1 744	509	—	287	Area
							Holdings operated under more than one form of tenure
21 490	10 596	8 514	3 688	1 074	126	12	Number
56 514	38 884	43 165	28 974	14 627	3 388	660	Area
							1 - LAND UTILIZATION
							Utilization of land in holdings²
							Arable land
48 260	18 722	16 090	6 074	1 532	156	14	Number of holdings reporting
70 087	31 387	32 580	13 532	3 945	597	151	Area
							Land under permanent crops
63 486	27 130	27 258	12 406	4 298	784	140	Number of holdings reporting
101 072	65 838	99 875	79 799	52 537	20 115	9 241	Area
							All other land
9 320	4 720	4 160	2 326	866	172	20	Number of holdings reporting
9 523	6 436	5 807	4 148	2 401	852	463	Area
							2 - CROPS - AREA AND PRODUCTION
							Crops on arable land
							Rice (total)
69 730	30 860	31 699	12 936	3 608	465	30	Area
126 226	55 038	59 299	24 323	6 652	856	43	Production
							<i>Wet rice</i>
(67 051)	(29 516)	(30 306)	(12 307)	(3 417)	(457)	(30)	Area
124 186	53 997	58 136	23 871	6 502	843	43	Production
							<i>Dry rice</i>
(2 679)	(1 344)	(1 393)	(629)	(191)	(8)	(—)	Area
2 040	1 041	1 163	452	150	13	—	Production

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Maize						
Number of holdings reporting	5 342	250	830	870	870	536
Area	1 350	16	144	97	200	134
Cowpeas						
Number of holdings reporting	1 026	100	260	220	180	60
Area	194	14	55	32	30	8
Production	1 002	129	588	116	42	11
Manioc (cassava)						
Number of holdings reporting	26 810	3 020	4 930	5 020	4 002	2 424
Area	8 028	251	880	1 155	1 105	546
Production	102 781	2 522	9 249	13 985	13 722	5 973
Sweet potatoes						
Number of holdings reporting	13 088	1 600	2 728	2 240	1 700	882
Area	1 808	116	318	329	234	51
Production	8 456	652	1 695	1 674	690	80
Sugarcane						
Scattered plants						
Number of holdings reporting	50 714	4 440	8 400	7 784	7 882	5 140
Number of plants	638 670	39 100	86 360	92 730	91 846	55 400
Groundnuts (peanuts)						
Number of holdings reporting	1 986	200	400	360	260	160
Area	374	24	47	67	36	45
Production	514	27	76	109	71	35
Mustard						
Number of holdings reporting	528	100	120	140	20	60
Area	144	24	20	49	2	12
Production	1 733	512	166	924	24	75
Tobacco						
Number of holdings reporting	7 010	360	1 320	1 600	884	920
Area	1 604	37	297	450	199	184
Production						
Dry weight	979	22	284	283	87	114
Wet weight	1 065	—	226	178	114	99
Cabbage						
Number of holdings reporting	742	320	260	160	—	—
Area	581	144	192	243	—	—
Production	12 591	3 538	4 234	4 817	—	—
Watermelons						
Number of holdings reporting	588	60	60	80	100	80
Area	150	14	12	51	20	12
Production	1 215	175	175	365	46	74
Cucumbers						
Number of holdings reporting	1 748	80	302	320	280	260
Area	328	10	49	53	55	57
Number of fruits (in thousands)	2 220	27	131	251	586	300
Chilies						
Number of holdings reporting	948	100	140	160	160	140
Area	305	14	24	53	61	38
Production	1 051	226	146	85	115	71
Chinese radish						
Number of holdings reporting	588	100	160	160	60	40
Area	183	16	59	67	6	8
Production	2 282	174	1 060	935	17	59
Eggplants						
Number of holdings reporting	702	100	200	80	140	20
Area	112	10	30	22	18	2
Production	1 041	6	148	199	33	1

MALAYSIA
Farm households
Classified by size of holding

OP AREA OF HOLDING

1.0 and under 3.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under 8 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
							Maize
1 000	464	236	212	66	6	2	Number of holdings reporting
380	164	81	91	25	2	16	Area
							Cowpeas
100	62	26	12	4	2	—	Number of holdings reporting
16	17	17	3	1	1	—	Area
58	27	24	2	4	1	—	Production
							Manioc (cassava)
3 836	1 414	1 438	554	152	16	4	Number of holdings reporting
1 238	641	1 065	570	390	106	81	Area
15 243	8 014	16 987	9 402	6 304	1 211	169	Production
							Sweet potatoes
1 984	872	618	328	98	36	2	Number of holdings reporting
246	185	153	130	25	13	8	Area
1 378	896	409	830	79	49	24	Production
							Sugarcane
8 418	3 708	3 158	1 286	424	70	4	Scattered plants
129 388	62 958	58 890	16 484	4 856	612	46	Number of holdings reporting
							Number of plants
							Groundnuts (peanuts)
284	142	106	42	22	8	2	Number of holdings reporting
65	22	23	10	10	21	4	Area
80	12	21	13	49	12	9	Production
							Mustard
40	40	—	6	2	—	—	Number of holdings reporting
16	18	—	1	2	—	—	Area
4	25	—	2	1	—	—	Production
							Tobacco
1 106	368	264	152	34	2	—	Number of holdings reporting
159	127	93	42	15	—	—	Area
57	51	40	21	20	—	—	Production
142	266	7	20	13	—	—	Dry weight
							Wet weight
							Cabbage
—	—	—	—	2	—	—	Number of holdings reporting
—	—	—	—	2	—	—	Area
—	—	—	—	2	—	—	Production
							Watermelons
80	100	2	16	10	—	—	Number of holdings reporting
8	22	1	6	4	—	—	Area
67	212	24	70	7	—	—	Production
							Cucumbers
320	82	72	24	6	—	2	Number of holdings reporting
55	23	12	11	1	—	2	Area
821	38	20	34	6	—	6	Number of fruits (in thousands)
							Chilies
60	106	62	10	6	2	2	Number of holdings reporting
20	51	30	1	8	1	4	Area
211	136	47	1	11	—	2	Production
							Chinese radish
40	20	2	2	—	2	2	Number of holdings reporting
8	16	—	—	—	—	2	Area
17	18	1	—	—	—	1	Production
							Eggplants
100	26	2	26	4	2	2	Number of holdings reporting
16	4	—	5	3	—	2	Area
602	10	4	25	12	—	1	Production

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Other vegetables						
Number of holdings reporting	7 528	1 980	2 120	1 360	640	440
Area	2 552	411	634	522	364	196
Permanent crops						
Mandarines						
In compact plantations						
Number of holdings reporting	766	20	220	180	80	40
Area	422	2	71	111	53	18
Scattered trees						
Number of holdings reporting	16 910	1 320	2 700	2 284	1 620	1 722
Number of trees	47 666	3 140	6 880	9 568	4 440	4 834
Other citrus trees						
In compact plantations						
Number of holdings reporting	414	60	120	80	—	20
Area	247	10	47	30	—	32
Scattered trees						
Number of holdings reporting	84 690	7 066	12 260	13 124	10 002	8 586
Number of trees	184 478	11 770	24 860	25 444	20 322	19 088
Horse mangoes						
Scattered trees						
Number of holdings reporting	116 414	9 806	17 460	19 268	15 102	11 370
Number of trees	243 104	17 054	32 420	38 498	30 522	25 604
Mangoes						
Scattered trees						
Number of holdings reporting	118 664	8 124	15 380	17 950	16 060	13 004
Number of trees	336 808	15 270	35 160	43 220	46 380	42 526
Kuini (<i>Mangifera odorata</i>)						
Scattered trees						
Number of holdings reporting	38 482	2 502	5 380	5 526	4 522	4 262
Number of trees	85 198	4 524	10 260	11 146	8 464	10 242
Sapodilla						
In compact plantations						
Number of holdings reporting	108	—	—	40	20	20
Area	87	—	—	33	12	34
Scattered trees						
Number of holdings reporting	42 042	3 162	5 560	5 984	5 082	4 188
Number of trees	94 718	4 842	10 300	13 666	9 382	10 236
Mangosteens						
In compact plantations						
Number of holdings reporting	882	20	160	80	100	80
Area	353	2	33	12	20	26
Scattered trees						
Number of holdings reporting	101 344	8 866	16 260	16 728	13 106	9 814
Number of trees	419 682	24 914	53 880	62 452	52 612	40 028
Chempedak (<i>Artocarpus champeden</i>)						
In compact plantations						
Number of holdings reporting	132 102	10 324	19 142	20 972	16 544	13 954
Number of trees	504 136	27 026	56 662	73 706	56 870	54 994
Durian						
In compact plantations						
Number of holdings reporting	4 700	160	560	520	300	440
Area	2 976	28	186	180	105	168
Scattered trees						
Number of holdings reporting	135 664	10 546	20 840	22 352	17 086	12 894
Number of trees	692 294	28 912	72 880	89 716	78 930	61 114
Langsat						
In compact plantations						
Number of holdings reporting	360	—	—	120	—	—
Area	100	—	—	27	—	—
Scattered trees						
Number of holdings reporting	89 862	7 722	14 000	14 844	11 000	8 912
Number of trees	437 696	24 706	49 140	58 086	53 840	41 256

MALAYSIA
Farm households
Classified by size of holding

OP AREA OF HOLDING

0 and under 3.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under 3 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
480	206	162	110	26	2	2	Other vegetables
190	80	53	78	19	3	2	Number of holdings reporting Area
							Permanent crops
							Mandarines
140	40	—	24	14	8	—	In compact plantations
97	12	—	22	31	5	—	Number of holdings reporting Area
2 982	1 370	1 630	874	334	68	6	Scattered trees
6 440	3 796	3 814	3 184	1 330	234	6	Number of holdings reporting Number of trees
							Other citrus trees
—	62	2	52	14	4	—	In compact plantations
—	82	—	31	6	9	—	Number of holdings reporting Area
15 204	7 082	7 122	3 036	1 032	170	6	Scattered trees
34 188	17 266	17 898	8 672	3 986	966	18	Number of holdings reporting Number of trees
							Horse mangoes
20 492	9 190	8 468	3 866	1 200	178	14	Scattered trees
44 192	21 226	20 058	9 596	3 360	528	46	Number of holdings reporting Number of trees
							Mangoes
23 334	10 056	9 540	3 826	1 188	192	10	Scattered trees
71 392	32 986	31 818	12 836	4 244	952	24	Number of holdings reporting Number of trees
							Kuini (<i>Mangifera odorata</i>)
7 438	3 250	3 194	1 624	664	116	4	Scattered trees
18 238	6 706	8 772	4 314	2 210	318	4	Number of holdings reporting Number of trees
							Sapodilla
—	—	—	12	12	4	—	In compact plantations
—	—	—	5	2	1	—	Number of holdings reporting Area
7 232	3 844	3 948	2 132	760	144	6	Scattered trees
15 726	9 234	11 420	5 676	3 624	550	62	Number of holdings reporting Number of trees
							Mangosteens
162	40	96	96	44	4	—	In compact plantations
47	6	132	45	28	2	—	Number of holdings reporting Area
16 360	7 610	7 366	3 726	1 292	204	12	Scattered trees
75 258	36 518	38 458	23 864	9 608	1 926	164	Number of holdings reporting Number of trees
							Chempedak (<i>Artocarpus champeden</i>)
23 954	10 680	10 346	4 546	1 418	210	12	In compact plantations
89 424	50 582	53 002	28 290	10 892	2 494	194	Number of holdings reporting Number of trees
							Durian
808	564	586	470	236	52	4	In compact plantations
488	460	522	460	262	105	12	Number of holdings reporting Area
23 402	10 766	10 542	5 166	1 782	274	14	Scattered trees
130 296	66 052	84 970	50 492	24 170	4 410	352	Number of holdings reporting Number of trees
							Langsat
40	120	20	42	18	—	—	In compact plantations
14	28	4	17	10	—	—	Number of holdings reporting Area
14 876	7 182	6 690	3 458	1 022	148	8	Scattered trees
78 806	42 658	41 872	28 822	11 768	1 488	254	Number of holdings reporting Number of trees

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Duku (<i>Lansium domesticum</i>)						
In compact plantations						
Number of holdings reporting	802	40	40	140	40	120
Area	445	4	16	63	14	71
Scattered trees						
Number of holdings reporting	20 378	2 140	3 220	3 522	2 660	1 706
Number of trees	119 004	7 700	14 340	16 522	14 380	11 250
Rambai (<i>Baccaurea motleyana</i>)						
Scattered trees						
Number of holdings reporting	94 754	7 960	14 280	16 750	12 002	9 592
Number of trees	276 786	16 380	32 740	41 972	37 106	27 924
Rambutan						
In compact plantations						
Number of holdings reporting	6 484	320	980	1 000	462	640
Area	3 552	38	294	409	163	322
Scattered trees						
Number of holdings reporting	157 646	13 966	24 360	26 654	20 428	15 654
Number of trees	843 976	44 856	104 160	126 478	107 792	84 472
Cashew nuts						
Scattered trees						
Number of holdings reporting	55 426	3 702	6 080	8 020	7 340	6 624
Number of trees	213 494	11 112	19 220	30 320	26 200	26 376
Bananas						
In compact plantations						
Number of holdings reporting	8 312	560	1 140	1 282	800	762
Area	4 367	79	289	444	326	425
Scattered plants						
Number of holdings reporting	244 586	22 810	39 204	40 020	32 508	25 016
Number of plants	4 227 810	246 658	549 218	610 816	506 402	381 858
Pineapples						
In compact plantations						
Area	3 645	20	176	410	376	358
Scattered plants						
Number of holdings reporting	102 320	8 924	14 782	16 170	14 208	10 608
Number of plants	4 255 912	203 568	367 040	595 850	599 372	312 100
Papaya						
In compact plantations						
Number of holdings reporting	104	40	40	20	—	—
Area	24	4	14	4	—	—
Scattered trees						
Number of holdings reporting	60 444	6 282	9 840	9 948	7 742	6 062
Number of trees	155 546	15 586	25 040	26 134	20 286	15 146
Cloves						
In compact plantations						
Number of holdings reporting	106	—	—	—	—	—
Area	102	—	—	—	—	—
Scattered trees						
Number of holdings reporting	1 056	40	60	220	200	100
Number of trees	5 306	80	100	360	680	180
Nutmeg						
In compact plantations						
Number of holdings reporting	154	—	—	—	—	—
Area	106	—	—	—	—	—
Scattered trees						
Number of holdings reporting	474	20	20	20	—	22
Number of trees	3 688	40	40	20	—	106
Pepper						
In compact plantations						
Number of holdings reporting	356	20	80	80	60	40
Area	191	4	34	53	29	26
Scattered trees						
Number of holdings reporting	2 194	120	200	360	300	240
Number of trees	10 852	320	1 680	1 700	920	1 020

MALAYSIA
Farm households
Classified by size of holding

AREA OF HOLDING

0 and under 1.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
							Duku (<i>Lansium domesticum</i>)
							In compact plantations
142	80	82	72	40	6	—	Number of holdings reporting
58	30	86	49	49	5	—	Area
							Scattered trees
3 166	1 468	1 272	842	334	48	—	Number of holdings reporting
18 248	6 510	13 770	9 550	5 612	1 122	—	Number of trees
							Rambai (<i>Baccaurea motleyana</i>)
							Scattered trees
16 032	6 966	6 682	3 274	1 050	156	10	Number of holdings reporting
53 574	24 022	25 462	12 748	4 152	666	40	Number of trees
							Rambutan
							In compact plantations
986	550	678	516	272	76	4	Number of holdings reporting
610	357	525	519	215	98	2	Area
							Scattered trees
25 582	11 582	11 548	5 610	1 948	298	16	Number of holdings reporting
139 436	75 048	82 890	50 010	23 948	4 684	202	Number of trees
							Cashew nuts
							Scattered trees
11 284	5 404	4 648	1 790	460	72	2	Number of holdings reporting
45 224	23 296	18 998	10 028	2 352	366	2	Number of trees
							Bananas
							In compact plantations
1 424	974	702	464	160	42	2	Number of holdings reporting
766	653	614	477	208	83	3	Area
							Scattered plants
41 966	17 364	16 428	6 788	2 128	318	36	Number of holdings reporting
817 464	393 846	397 188	211 278	96 686	13 938	2 458	Number of plants
							Pineapples
							In compact plantations
729	360	636	366	115	99	—	Area
							Scattered plants
18 714	8 346	6 848	2 816	800	98	6	Number of holdings reporting
890 334	470 552	372 766	263 510	172 948	7 648	224	Number of plants
							Papaya
							In compact plantations
—	—	—	4	—	—	—	Number of holdings reporting
—	—	—	2	—	—	—	Area
							Scattered trees
9 600	4 496	3 966	1 798	602	96	12	Number of holdings reporting
23 298	11 772	10 598	5 406	1 826	340	114	Number of trees
							Cloves
							In compact plantations
20	40	28	12	6	—	—	Number of holdings reporting
4	41	35	14	8	—	—	Area
							Scattered trees
142	82	130	58	20	4	—	Number of holdings reporting
410	712	2 378	250	130	26	—	Number of trees
							Nutmeg
							In compact plantations
42	40	52	16	4	—	—	Number of holdings reporting
18	44	35	7	2	—	—	Area
							Scattered trees
106	64	146	44	28	2	2	Number of holdings reporting
508	272	2 128	412	148	4	10	Number of trees
							Pepper
							In compact plantations
20	20	24	10	2	—	—	Number of holdings reporting
16	8	10	9	2	—	—	Area
							Scattered trees
400	224	156	136	54	4	—	Number of holdings reporting
3 220	584	242	878	282	6	—	Number of trees

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION E

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Coffee						
In compact plantations						
Number of holdings reporting	6 576	420	1 280	1 382	820	520
Area	5 165	85	534	920	563	522
Scattered trees						
Number of holdings reporting	28 438	1 622	3 100	4 200	2 882	2 782
Number of trees	521 178	13 986	33 580	60 980	35 960	39 980
Tea						
In compact plantations						
Number of holdings reporting	80	20	—	—	—	—
Area	49	4	—	—	—	—
Scattered trees						
Number of holdings reporting	472	20	80	120	40	60
Number of trees	4 848	40	1 140	660	260	680
Betel pepper						
In compact plantations						
Number of holdings reporting	828	180	100	200	140	40
Area	156	24	14	30	32	4
Scattered trees						
Number of holdings reporting	75 322	5 540	9 700	11 564	9 902	7 682
Number of trees	564 080	51 840	56 520	123 596	83 222	59 602
Areca nuts						
In compact plantations						
Number of holdings reporting	3 156	80	280	520	300	300
Area	3 721	20	117	344	291	233
Scattered trees						
Number of holdings reporting	176 730	15 266	25 762	28 630	22 806	18 792
Number of trees	2 058 840	99 838	189 672	275 028	217 696	212 644
Coconuts						
In compact plantations						
Number of holdings reporting	54 422	3 860	7 244	8 884	6 064	5 684
Area	73 148	747	3 070	6 123	4 968	5 912
Total number of trees	9 191 582	111 100	392 740	758 100	618 140	720 380
Of productive age						
Number of holdings reporting	45 286	3 140	5 824	7 184	4 804	4 382
Number of trees	(6 611 712)	(79 900)	(273 420)	(519 144)	(399 660)	(463 750)
Of nonproductive age						
Number of holdings reporting	27 498	1 560	3 620	4 242	3 082	3 364
Number of trees	(2 379 870)	(31 200)	(119 320)	(238 956)	(218 480)	(256 630)
Scattered trees						
Number of holdings reporting	227 278	21 810	36 162	36 774	30 464	23 138
Number of trees	2 959 636	184 518	373 430	451 630	380 678	319 488
Rubber						
Number of holdings reporting	175 392	2 300	11 382	21 392	21 876	19 098
Area	376 799	407	4 666	14 355	20 190	22 207
Production (dry weight)	92 632	1 278	5 166	8 123	7 848	6 640
Gambier						
Scattered trees						
Number of holdings reporting	444	—	20	20	80	80
Number of trees	23 958	—	20	1 000	7 000	5 140
Kapok						
Scattered trees						
Number of holdings reporting	69 242	4 380	8 640	10 162	8 940	8 122
Number of trees	256 694	15 240	24 640	33 340	32 680	26 424
Sago palm						
In compact plantations						
Number of holdings reporting	1 830	80	200	220	162	180
Area	1 058	12	65	75	48	99
Scattered trees						
Number of holdings reporting	54 070	2 642	6 480	8 566	6 722	5 964
Number of trees	423 754	13 482	47 880	59 164	50 366	45 328
Sugar palm						
Scattered trees						
Number of holdings reporting	8 052	380	1 360	1 360	800	740
Number of trees	23 294	920	2 760	2 680	2 600	2 280

MALAYSIA
Farm households
Classified by size of holding

AREA OF HOLDING

0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
and under 10 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
882	346	574	242	94	16	—	Coffee
1 003	346	643	353	176	20	—	In compact plantations
							Number of holdings reporting
							Area
							Scattered trees
5 626	2 896	3 076	1 646	516	88	4	Number of holdings reporting
132 176	59 438	73 182	47 770	19 458	4 426	242	Number of trees
							Tea
							In compact plantations
60	—	—	—	—	—	—	Number of holdings reporting
45	—	—	—	—	—	—	Area
							Scattered trees
20	42	60	24	2	4	—	Number of holdings reporting
400	1 002	340	302	2	22	—	Number of trees
							Betel pepper
							In compact plantations
100	42	20	6	—	—	—	Number of holdings reporting
14	35	2	1	—	—	—	Area
							Scattered trees
13 806	6 944	6 244	2 886	922	130	2	Number of holdings reporting
67 214	37 274	56 494	17 900	9 634	772	12	Number of trees
							Areca nuts
							In compact plantations
522	246	420	304	162	22	—	Number of holdings reporting
589	348	618	606	491	64	—	Area
							Scattered trees
31 842	14 022	12 206	5 436	1 688	262	18	Number of holdings reporting
406 352	217 510	231 566	130 854	58 378	18 062	1 240	Number of trees
							Coconuts
							In compact plantations
9 420	4 148	5 312	2 498	1 022	236	50	Number of holdings reporting
12 833	7 529	13 317	8 800	5 686	2 929	1 234	Area
611 388	945 966	1 714 716	1 106 240	708 446	356 282	148 084	Total number of trees
							Of productive age
7 818	3 826	4 786	2 276	984	216	46	Number of holdings reporting
103 532)	(715 514)	(1 303 704)	(840 706)	(549 596)	(266 852)	(95 934)	Number of trees
							Of nonproductive age
5 108	1 788	2 758	1 306	508	132	30	Number of holdings reporting
507 856)	(230 452)	(411 012)	(265 534)	(158 850)	(89 430)	(52 150)	Number of trees
							Scattered trees
38 990	16 506	15 090	6 128	1 896	288	32	Number of holdings reporting
551 906	242 838	262 070	132 786	50 158	8 434	1 700	Number of trees
							Rubber
							Number of holdings reporting
41 478	19 914	21 988	11 090	4 020	722	132	Area
66 085	46 140	73 451	62 183	42 959	16 268	7 888	Production (dry weight)
14 324	9 937	13 761	11 641	8 876	3 190	1 848	
							Gambler
							Scattered trees
60	40	80	54	8	2	—	Number of holdings reporting
1 720	3 000	4 640	1 332	96	10	—	Number of trees
							Kapok
							Scattered trees
13 924	6 798	5 284	2 304	582	100	6	Number of holdings reporting
61 488	26 758	21 082	10 850	3 362	802	28	Number of trees
							Sago palm
							In compact plantations
300	242	246	126	62	12	—	Number of holdings reporting
146	140	209	160	82	22	—	Area
							Scattered trees
11 028	5 240	4 534	2 148	644	98	4	Number of holdings reporting
81 842	50 970	40 910	25 546	7 072	1 170	24	Number of trees
							Sugar palm
							Scattered trees
1 540	684	792	284	100	12	—	Number of holdings reporting
5 540	2 052	2 746	1 242	418	56	—	Number of trees

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Nipa palm						
In compact plantations						
Number of holdings reporting	3 476	80	440	480	380	340
Area	2 428	8	95	156	109	174
Scattered trees						
Number of holdings reporting	21 708	900	2 240	3 042	3 020	2 520
Number of trees	763 410	31 940	82 480	105 200	102 500	94 940
3 - LIVESTOCK AND POULTRY						
Cattle						
Total number of cattle	177 492	9 760	21 584	32 100	24 180	19 386
Milk cattle						
Number of holdings reporting	3 328	340	460	580	400	280
Number of milk cattle	(8 148)	(660)	(1 000)	(1 340)	(820)	(760)
Other cattle						
Number of holdings reporting	61 098	3 840	9 142	11 840	8 880	6 704
Number of other cattle	(169 344)	(9 100)	(20 584)	(30 760)	(23 360)	(18 626)
Buffaloes						
Total number of buffaloes	204 878	6 306	19 470	28 800	23 580	22 344
Milk buffaloes						
Number of holdings reporting	348	—	60	40	40	100
Number of milk buffaloes	(714)	(—)	(120)	(60)	(180)	(180)
Other buffaloes						
Number of holdings reporting	85 462	3 362	9 142	13 990	10 800	9 404
Number of other buffaloes	(204 164)	(6 306)	(19 350)	(28 740)	(23 400)	(22 164)
Sheep						
Number of holdings reporting	16 104	1 340	3 060	2 900	2 100	1 724
Number of sheep	59 108	3 380	9 060	10 980	7 080	6 968
Goats						
Number of holdings reporting	49 194	3 820	8 340	8 502	6 200	5 100
Number of goats	214 178	13 440	29 720	36 124	27 200	21 640
Pigs						
Number of holdings reporting	19 218	2 420	3 320	2 742	2 140	1 524
Total number of pigs	231 124	20 360	43 860	31 958	24 140	15 498
Sows and gilts	(56 356)	(5 020)	(11 740)	(7 362)	(5 860)	(4 526)
Other pigs	(174 768)	(15 340)	(32 120)	(24 596)	(18 280)	(10 972)
Poultry ³						
Number of holdings reporting	401 004	38 550	69 488	69 384	51 674	38 224
Number of chickens	5 909 054	372 804	821 754	958 254	696 964	613 108
Number of ducks	1 096 630	57 652	142 080	154 342	128 912	128 260
Number of geese	34 486	1 920	3 462	2 900	3 900	3 720
4 - EMPLOYMENT IN AGRICULTURE						
Persons employed in agricultural work on the holding						
All persons	1 089 322	78 344	157 800	166 044	129 034	100 384
Holders and members of their households ⁴						
Number of persons	972 880	77 096	154 490	160 308	123 360	94 536
Male	(525 146)	(40 232)	(81 648)	(85 242)	(66 060)	(50 892)
Female	(447 734)	(36 864)	(72 842)	(75 066)	(57 300)	(43 644)
Persons working for pay on the holding						
Permanent workers						
Number of holdings reporting	41 558	240	1 620	2 722	3 222	2 864
Number of persons	88 724	240	1 790	2 996	4 034	3 858
Male	(62 618)	(160)	(1 332)	(2 000)	(3 026)	(2 544)
Female	(26 106)	(80)	(458)	(996)	(1 008)	(1 314)
Regular workers						
Number of holdings reporting	10 716	760	1 022	1 420	840	880
Number of workers	27 718	1 008	1 520	2 740	1 640	1 990

³ Data refer only to poultry 2 months of age and over. - ⁴ 15 years of age and over.

MALAYSIA
Farm households
Classified by size of holding

OP AREA OF HOLDING

0 and under 3.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under 10 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
704 514	326 237	456 464	180 346	76 209	10 64	4 52	Nipa palm
5 240 197 200	2 122 69 628	1 872 40 334	588 30 352	138 6 820	24 1 996	2 20	In compact plantations Number of holdings reporting Area Scattered trees Number of holdings reporting Number of trees
							3 - LIVESTOCK AND POULTRY
							Cattle
30 282	13 962	14 766	7 594	3 136	694	48	Total number of cattle
662 (1 308)	160 (420)	278 (1 222)	142 (466)	20 (102)	6 (50)	— (—)	Milk cattle Number of holdings reporting Number of milk cattle
10 138 (28 974)	4 214 (13 542)	3 660 (13 544)	1 940 (7 128)	632 (3 034)	100 (644)	8 (48)	Other cattle Number of holdings reporting Number of other cattle
							Buffaloes
45 116	22 174	21 132	11 272	4 050	616	18	Total number of buffaloes
62 (102)	40 (60)	— (—)	4 (6)	2 (6)	— (—)	— (—)	Milk buffaloes Number of holdings reporting Number of milk buffaloes
19 026 (45 014)	8 194 (22 114)	7 392 (21 132)	3 164 (11 266)	886 (4 044)	94 (616)	8 (18)	Other buffaloes Number of holdings reporting Number of other buffaloes
							Sheep
2 564 10 520	1 150 4 760	714 3 574	436 2 198	104 518	12 70	— —	Number of holdings reporting Number of sheep
							Goats
8 738 39 400	3 354 17 384	3 198 16 534	1 422 8 556	428 3 324	84 696	8 160	Number of holdings reporting Number of goats
							Pigs
2 570 29 630 (7 748) (21 882)	1 362 12 974 (3 588) (9 386)	1 670 30 802 (5 322) (25 480)	970 15 206 (3 810) (11 396)	412 5 342 (1 136) (4 206)	76 1 164 (222) (942)	12 190 (22) (168)	Number of holdings reporting Total number of pigs Sows and gilts Other pigs
65 692 117 596 256 490 7 324	26 584 490 418 82 738 2 802	25 778 491 798 88 388 4 686	11 238 233 398 40 474 2 774	3 674 89 278 14 084 800	624 15 622 2 488 174	94 8 060 722 24	Number of holdings reporting Number of chickens Number of ducks Number of geese
							4 - EMPLOYMENT IN AGRICULTURE
							Persons employed in agricultural work on the holding
187 762	83 768	93 828	54 244	27 084	7 626	3 404	All persons
170 182 (92 888) (77 294)	71 406 (38 878) (32 528)	73 454 (41 256) (32 198)	33 982 (19 384) (14 598)	11 834 (7 142) (4 692)	1 874 (1 252) (622)	358 (272) (86)	Holder and members of their households ⁴ Number of persons Male Female
7 948 12 652 (8 814) (3 838)	5 400 8 900 (6 548) (2 352)	7 494 15 716 (11 274) (4 442)	6 212 17 200 (12 254) (4 946)	3 048 13 250 (9 254) (3 996)	658 5 058 (3 478) (1 580)	130 3 030 (1 934) (1 096)	Persons working for pay on the holding Permanent workers Number of holdings reporting Number of persons Male Female
1 684 4 928	1 126 3 462	1 502 4 658	872 3 062	462 2 000	144 694	4 16	Regular workers Number of holdings reporting Number of workers

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Man-days worked on the holding during the year preceding the census						
By regular workers						
Number of man-days worked	455 680	15 180	19 620	30 000	21 100	28 260
By occasional workers						
Number of holdings reporting	50 948	1 700	5 900	5 524	5 420	4 900
Number of man-days worked	4 667 480	43 800	254 580	316 560	385 800	415 100
By persons exchanging agricultural labor						
Number of holdings reporting	55 072	1 780	7 240	9 682	8 040	6 664
Number of man-days worked	2 644 180	48 300	202 500	323 500	386 880	329 240
5 - FARM POPULATION						
 Holders and members of their households						
Number of persons	2 273 522	202 200	362 978	369 686	283 754	215 116
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
 Use and source of power on the holding						
Number of holdings reporting the use of:						
Any mechanical power						
Owned	14 178	904	1 500	1 544	1 226	1 060
Not owned	15 682	780	2 360	2 602	2 102	1 662
Any animal power						
Owned	74 992	1 480	7 660	13 524	11 300	9 066
Not owned	59 308	4 040	11 780	12 202	8 300	6 000
Animal and mechanical power	8 738	240	840	1 540	1 160	1 080
Human power only	294 048	38 928	57 206	49 682	35 658	25 018
 Selected agricultural equipment owned by the holder (number)						
Stationary engines	732	84	40	40	40	180
Outboard motors	2 458	220	320	360	262	220
Tractors	718	40	—	80	20	60
Plows (total)	119 984	2 342	12 800	20 764	18 240	15 126
Animal-operated	(119 282)	(2 322)	(12 680)	(20 704)	(18 220)	(15 026)
Tractor-operated	(702)	(20)	(120)	(60)	(20)	(100)
Rotary tillers	230	40	—	20	—	—
Harrows (total)	105 270	2 102	10 620	17 804	15 760	12 806
Animal-operated	(103 624)	(2 022)	(10 460)	(17 664)	(15 480)	(12 686)
Tractor-operated	(1 646)	(80)	(160)	(140)	(280)	(120)
Sprayers and dusters (hand-operated)	9 680	780	1 240	1 300	780	442
Carts	2 816	40	140	340	220	260
Jeeps, lorries and cars	6 362	320	640	544	364	300
Motorcycles	4 212	220	420	460	422	280
Boats	37 580	2 420	5 200	5 040	3 564	3 480
Bicycles	463 352	34 386	66 608	69 016	55 918	42 858

MALAYSIA
Farm households
Classified by size of holding

OP AREA OF HOLDING

0 and under 3.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under 10 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
							Man-days worked on the holding during the year preceding the census
69 500	56 920	72 060	68 740	43 760	29 340	1 200	By regular workers Number of man-days worked
11 256 087 480	5 520 607 960	5 924 816 480	3 096 459 520	1 384 211 280	290 62 560	34 6 360	By occasional workers Number of holdings reporting Number of man-days worked
12 272 727 460	4 566 309 180	3 332 206 820	1 218 83 300	256 24 840	16 1 720	6 440	By persons exchanging agricultural labor Number of holdings reporting Number of man-days worked
							5 - FARM POPULATION
							 Holders and members of their households
381 326	163 464	170 712	83 662	32 234	6 974	1 416	Number of persons
							6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
							Use and source of power on the holding
							Number of holdings reporting the use of:
2 066 2 470	1 128 1 252	1 874 1 552	1 642 744	872 276	280 54	82 8	Any mechanical power Owned Not owned
16 360 9 988	6 926 3 204	5 954 2 596	2 174 934	498 240	48 20	2 4	Any animal power Owned Not owned
1 584 42 774	686 16 854	796 17 092	560 7 694	212 2 672	36 422	4 48	Animal and mechanical power Human power only
							Selected agricultural equipment owned by the holder (number)
22	2	66	150	58	18	32	Stationary engines
284	144	188	278	150	24	8	Outboard motors
142	40	78	108	86	42	22	Tractors
25 824 (25 702) (122)	11 164 (11 120) (44)	9 204 (9 150) (54)	3 534 (3 466) (68)	844 (786) (58)	124 (102) (22)	18 (4) (14)	Plows (total) Animal-operated Tractor-operated
42	—	24	46	34	18	6	Rotary tillers
23 406 (23 084) (322)	10 198 (9 938) (260)	8 334 (8 204) (130)	3 322 (3 230) (92)	802 (764) (38)	104 (88) (16)	12 (4) (8)	Harrows (total) Animal-operated Tractor-operated
1 104	914	1 250	954	680	174	62	Sprayers and dusters (hand-operated)
782	442	314	208	56	14	—	Carts
778	384	984	1 016	612	306	114	Jeeps, lorries and cars
762	460	534	410	186	38	20	Motorcycles
6 810	3 542	4 240	2 078	890	262	54	Boats
81 804	37 518	42 470	22 014	8 754	1 702	304	Bicycles

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
Selected agricultural equipment used on the holding						
Number of holdings reporting the use of:						
Stationary engines						
Owned	640	84	40	40	40	140
Not owned	5 876	200	760	1 222	960	802
Outboard motors						
Owned	2 222	200	260	340	262	200
Not owned	660	60	140	80	40	100
Tractors						
Owned	634	40	—	80	20	60
Not owned	8 362	360	1 280	1 100	942	660
Plows (animal-operated)						
Owned	101 258	2 302	11 320	18 444	15 480	12 686
Not owned	27 164	3 360	7 460	6 382	2 960	1 760
Plows (tractor-operated)						
Owned	590	20	80	40	20	100
Not owned	5 276	220	700	780	442	480
Rotary tillers						
Owned	206	40	—	20	—	—
Not owned	2 962	160	620	440	240	280
Harrows (animal-operated)						
Owned	97 550	1 962	10 320	17 404	14 860	12 226
Not owned	28 120	3 180	7 500	6 860	3 420	1 960
Harrows (tractor-operated)						
Owned	1 142	80	120	120	140	100
Not owned	2 086	140	280	260	220	200
Sprayers and dusters (hand-operated)						
Owned	8 776	780	1 120	1 200	640	422
Not owned	3 596	240	340	340	380	322
Carts						
Owned	2 712	40	140	320	220	260
Not owned	1 256	40	180	120	160	80
Jeeps, lorries and cars						
Owned	5 764	320	580	504	324	300
Not owned	1 320	80	140	160	100	80
Motorcycles						
Owned	4 134	220	420	460	402	280
Not owned	90	20	—	20	40	—
Boats						
Owned	32 604	2 060	4 680	4 500	3 364	3 100
Not owned	4 560	400	700	1 020	580	440
7 - IRRIGATION AND DRAINAGE						
Land provided with irrigation facilities						
Number of holdings reporting	125 312	8 882	22 940	21 468	18 540	12 822
Area	107 245	1 779	9 599	13 444	16 070	12 585

MALAYSIA
Farm households
Classified by size of holding

OP AREA OF HOLDING

0 and under 3.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under 3 acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
							[Selected agricultural equipment used on the holding
							Number of holdings reporting the use of:
							Stationary engines
							Owned
22	2	46	128	56	18	24	Not owned
1 064	366	336	116	48	2	—	
							Outboard motors
							Owned
244	144	188	240	112	24	8	Not owned
80	42	82	22	10	4	—	
							Tractors
							Owned
122	40	76	94	56	34	12	Not owned
1 148	842	1 138	576	250	54	12	
							Plows (animal-operated)
							Owned
21 762	8 900	7 292	2 484	518	66	4	Not owned
2 986	788	878	414	164	10	2	
							Plows (tractor-operated)
							Owned
122	42	52	54	34	18	8	Not owned
806	602	670	380	160	28	8	
							Rotary tillers
							Owned
42	—	24	40	18	16	6	Not owned
462	360	208	128	50	12	2	
							Harrows (animal-operated)
							Owned
21 584	8 796	7 278	2 512	540	64	4	Not owned
3 008	890	812	358	122	8	2	
							Harrows (tractor-operated)
							Owned
222	140	110	68	24	12	6	Not owned
260	202	266	168	66	18	6	
							Sprayers and dusters (hand-operated)
							Owned
1 044	812	1 172	846	566	134	40	Not owned
686	464	400	292	104	22	6	
							Carts
							Owned
742	442	314	188	38	8	—	Not owned
400	120	88	58	8	2	—	
							Jeeps, lorries and cars
							Owned
736	360	914	906	538	214	68	Not owned
200	82	188	178	82	24	6	
							Motorcycles
							Owned
762	440	514	402	176	38	20	Not owned
—	—	—	4	4	2	—	
							Boats
							Owned
6 006	2 900	3 506	1 678	634	148	28	Not owned
600	360	334	98	26	2	—	
							7 - IRRIGATION AND DRAINAGE
							Land provided with irrigation facilities
							Number of holdings reporting
21 684	8 530	6 918	2 778	680	68	2	Area
26 407	11 403	10 332	4 353	1 112	159	2	

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.4 ha	0.4 and under 0.8 ha	0.8 and under 1.2 ha	1.2 and under 1.6 ha	1.6 and under 2.0 ha
		Under 1 acre	1 and under 2 acres	2 and under 3 acres	3 and under 4 acres	4 and under 5 acres
8 - FERTILIZERS AND SOIL DRESSINGS						
Application of organic and inorganic fertilizers						
Number of holdings reporting	185 508	13 026	28 602	31 944	23 910	19 050
Area treated	211 993	2 280	11 676	21 076	21 044	20 142
Inorganic fertilizers						
Number of holdings reporting	117 472	4 040	14 802	18 664	15 490	13 066
Amount applied (metric tons)	28 825	392	1 571	2 509	2 626	2 177
Other fertilizers						
Guano						
Number of holdings reporting	28 974	780	2 400	4 400	3 200	3 380
Amount applied (metric tons)	58 202	304	1 294	3 670	4 552	5 630
Bone meal						
Number of holdings reporting	9 572	840	2 120	2 080	1 120	1 020
Amount applied (metric tons)	695	16	70	103	64	82
Fishmeal						
Number of holdings reporting	5 522	1 300	1 300	1 060	480	422
Amount applied (metric tons)	7 543	2 038	2 085	2 482	108	75
9 - WOOD AND FISHERY PRODUCTS						
Total fishery output (metric tons)	6 401	194	563	1 112	988	1 045
Fish culture						
Number of holdings reporting	918	40	160	180	40	160
Quantity (metric tons)	(294)	(31)	(5)	(9)	(1)	(125)
Fish caught on farm ⁶						
Number of holdings reporting	43 076	1 200	4 900	6 982	7 520	5 600
Quantity (metric tons)	(6 107)	(163)	(558)	(1 103)	(987)	(920)

⁶ Excluding 49,318 holdings reporting fish caught outside the holding, with a production of 25,292 metric tons.

MALAYSIA
Farm households
Classified by size of holding

OP AREA OF HOLDING

0 and under 1.0 ha	3.0 and under 4.0 ha	4.0 and under 6.0 ha	6.0 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.5 ha	40.5 ha and over	
5 and under acres	8 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 acres and over	
							8 - FERTILIZERS AND SOIL DRESSINGS
							Application of organic and inorganic fertilizers
							Number of holdings reporting
32 446	13 992	13 058	6 368	2 528	486	98	Area treated
45 847	24 574	29 131	18 365	11 029	4 378	2 451	Inorganic fertilizers
							Number of holdings reporting
22 734	10 370	10 148	5 346	2 250	468	94	Amount applied (metric tons)
4 975	2 962	4 178	3 061	2 545	1 120	709	Other fertilizers
							Guano
7 624	3 216	2 694	986	262	30	2	Number of holdings reporting
16 654	8 928	9 524	5 204	1 714	728	—	Amount applied (metric tons)
							Bone meal
1 380	402	424	130	56	—	—	Number of holdings reporting
138	115	52	30	25	—	—	Amount applied (metric tons)
							Fishmeal
302	282	208	110	48	10	—	Number of holdings reporting
100	94	427	93	40	1	—	Amount applied (metric tons)
							9 - WOOD AND FISHERY PRODUCTS
							Total fishery output (metric tons)
1 514	462	307	165	45	6	—	Fish culture
							Number of holdings reporting
124	80	84	36	12	2	—	Quantity (metric tons)
(43)	(56)	(12)	(9)	(3)	(—)	(—)	Fish caught on farm ⁵
							Number of holdings reporting
9 630	3 554	2 652	874	148	16	—	Quantity (metric tons)
(1 471)	(406)	(295)	(156)	(42)	(6)	(—)	

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MALAYSIA
Estates

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number 2 382
Area 1 020 830

Mode of operation of holdings

Operated by the holder
Number 888
Area 104 298
Operated through a hired manager
Number 1 494
Area 916 532

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Cropland 902 867
All other land 117 963

2 - CROPS¹ - AREA AND PRODUCTION

Permanent crops

Pineapples

Number of holdings reporting 7
Area under plants of productive age 6 103
Production 107 564

Fruits

Number of holdings reporting 68
Area 605

Tea

Number of holdings reporting 16
Area (total) 3 360
Under trees of productive age (3 046)
Under trees of nonproductive age (314)
Production (green leaves) 1 165

Coconuts

Number of holdings reporting 252
Area 35 929
Number of nuts (in thousands) 174 515

Oil palms

Number of holdings reporting 68
Area 53 090
Production 394 686

Rubber

Number of holdings reporting 2 287
Area 771 268
Production 412 189

Nurseries

Number of holdings reporting 529
Area 1 063

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding

All persons 259 472
Persons under 16 years of age 11 267
Persons 16 years of age and over 248 205
Male (140 935)
Female (107 270)

5 - FARM POPULATION

Persons living on the holding

All persons² 447 197

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Electric power produced on the holding

Number of holdings reporting 633

Selected agricultural equipment owned by the holder

Stationary steam engines

Number of holdings reporting 857
Aggregate horsepower installed 54 743

Stationary electric motors

Number of holdings reporting 428
Number of electric motors 2 545

Tractors

Total number of tractors 1 559
Wheel tractors 1 373
Less than 25 hp (442)
25 hp and less than 50 (833)
50 hp and over (98)
Tracklaying tractors 162
Less than 50 hp (76)
50 hp and less than 75 (44)
75 hp and over (42)
Garden tractors 24

Plows (tractor-operated)

Number of holdings reporting 477
Number of plows 784

Rotary cultivators (tractor-operated)

Number of holdings reporting 131
Number of rotary cultivators 151

Tine tillers (tractor-operated)

Number of holdings reporting 181
Number of tine tillers 272

Disk harrows (tractor-operated)

Number of holdings reporting 421
Number of disk harrows 600

Spraying, dusting and fogging equipment

Total number 5 632
Hand-operated
Number of holdings reporting 895
Number of spraying, dusting and fogging equipment (5 413)
Power-operated
Number of holdings reporting 143
Number of spraying, dusting and fogging equipment (219)

Grass cutters and lawn mowers

Total number 1 040
Of which:
Tractor-operated
Number of holdings reporting 160
Number of grass cutters and lawn mowers 226

Carts

Number of holdings reporting 11
Number of carts 14

Trailers

Number of holdings reporting 486
Number of trailers 1 048

Jeeps and landrovers

Number of holdings reporting 555
Number of jeeps and landrovers 819

¹ Excluding information on holdings with mixed crops and other crops numbering 18 and 64 with an area of 427 and 2,339 hectares, respectively. - ² Including persons resident on estates and directly employed and persons not employed but living on estates.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

MALAYSIA
Estates

Not classified by size of holding

Trucks	
Number of holdings reporting	648
Number of trucks	1 447
Cars	
Number of holdings reporting	450
Number of cars	548
Self-propelled tankers	
Number of holdings reporting	30
Number of self-propelled tankers	49
Railway wagons	
Number of holdings reporting	53
Number of wagons	2 749
Railway locomotives	
Number of holdings reporting	29
Number of locomotives	77
Motorcycles	
Number of holdings reporting	46
Number of motorcycles	100
Light railways	
Number of holdings reporting	80
Meters of railway owned	1 052 882

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers	
Number of holdings reporting	1 444
Area treated	373 310
Organic fertilizers	
Number of holdings reporting	104
Amount applied (metric tons)	12 065
Inorganic fertilizers	
Nitrogenous fertilizers	
Amount applied (metric tons)	14 842
Phosphate fertilizers	
Amount applied (metric tons)	17 599
Potash fertilizers	
Number of holdings reporting	101
Amount applied (metric tons)	2 047
Mixed inorganic fertilizers	
Amount applied (metric tons)	52 658
Other fertilizers	
Number of holdings reporting	354
Amount applied (metric tons)	31 099
Application of soil dressings	
Ground magnesium limestone	
Number of holdings reporting	171
Amount applied (metric tons)	3 182
Kieserite	
Number of holdings reporting	68
Amount applied (metric tons)	717

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 40.5 ha	40.5 and under 80.9 ha	80.9 and under 121.4 ha	121.4 and under 161.9 ha	161.9 and under 202.3 ha
		Under 100 acres	100 and under 200 acres	200 and under 300 acres	300 and under 400 acres	400 and under 500 acres
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	2 382	70	830	315	143	130
Percentage distribution	100.0	2.9	34.8	13.2	6.0	5.5
Area	1 020 830	3 492	48 950	32 373	21 121	27 548
Percentage distribution	100.0	0.3	4.8	3.1	2.1	2.7
Mode of operation of holdings						
Operated by the holder						
Number	888	40	490	159	59	49
Area	104 298	2 085	27 743	16 526	8 661	11 173
Operated through a hired manager						
Number	1 494	30	340	156	84	81
Area	916 532	1 407	21 207	15 847	12 460	16 375
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Cropland	902 867	2 255	45 654	30 387	19 915	23 476
All other land	117 963	1 237	3 296	1 986	1 206	4 072
4 - EMPLOYMENT IN AGRICULTURE						
Persons employed in agricultural work on the holding						
All persons	259 472	563	11 959	7 327	4 405	5 802
Persons under 16 years of age	11 267	26	434	214	170	260
Persons 16 years of age and over	248 205	537	11 525	7 113	4 235	5 542
Male	(140 935)	(376)	(7 498)	(4 309)	(2 580)	(3 224)
Female	(107 270)	(161)	(4 027)	(2 804)	(1 655)	(2 318)
5 - FARM POPULATION						
Persons living on the holding						
All persons ¹	447 197	229	7 244	5 390	4 983	6 367
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
Electric power produced on the holding						
Number of holdings reporting	633	1	5	12	9	14
Selected agricultural equipment owned by the holder						
Stationary steam engines						
Number of holdings reporting	857	2	30	43	41	38
Aggregate horsepower installed	54 743	31	159	427	336	553
Stationary electric motors						
Number of holdings reporting	428	—	12	12	11	15
Number of electric motors	2 545	—	31	39	13	24
Tractors						
Total number of tractors	1 559	2	30	27	17	44
<i>Wheel tractors</i>						
1 373	1 373	2	27	25	16	37
Less than 25 hp	(442)	(1)	(8)	(4)	(5)	(9)
25 hp and less than 50	(833)	(1)	(15)	(20)	(11)	(20)
50 hp and over	(98)	(—)	(4)	(1)	(—)	(8)
<i>Tracklaying tractors</i>						
162	162	—	1	1	—	6
Less than 50 hp	(76)	(—)	(1)	(1)	(—)	(4)
50 hp and less than 75	(44)	(—)	(—)	(—)	(—)	(1)
75 hp and over	(42)	(—)	(—)	(—)	(—)	(1)
<i>Garden tractors</i>						
24	24	—	2	1	1	1

¹ Including persons resident on estates and directly employed and persons not employed but living on estates.

MALAYSIA
Estates

Classified by size of holding

OP AREA OF HOLDING

12.3 and under 04.7 ha	404.7 and under 809.4 ha	809.4 and under 1 214.0 ha	1 214.0 and under 1 618.7 ha	1 618.7 and under 2 023.4 ha	2 023.4 ha and over	
00 and under 100 acres	1 000 and under 2 000 acres	2 000 and under 3 000 acres	3 000 and under 4 000 acres	4 000 and under 5 000 acres	5 000 acres and over	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
290	305	108	69	47	75	Number
12.2	12.8	4.5	2.9	2.0	3.2	Percentage distribution
97 137	198 037	123 317	113 313	95 704	259 838	Area
9.5	19.4	12.1	11.1	9.4	25.5	Percentage distribution
						Mode of operation of holdings
						Operated by the holder
66	22	3	—	—	—	Number
20 554	13 637	3 919	—	—	—	Area
						Operated through a hired manager
224	283	105	69	47	75	Number
76 583	184 400	119 398	113 313	95 704	259 838	Area
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
85 921	176 061	109 330	96 001	86 117	227 750	Cropland
11 216	21 976	13 987	17 312	9 587	32 088	All other land
						4 - EMPLOYMENT IN AGRICULTURE
						Persons employed in agricultural work on the holding
24 700	56 013	35 647	30 696	26 509	55 851	All persons
841	2 389	1 771	1 232	1 029	2 901	Persons under 16 years of age
23 859	53 624	33 876	29 464	25 480	52 950	Persons 16 years of age and over
(13 589)	(29 494)	(18 926)	(16 416)	(14 030)	(30 493)	Male
(10 270)	(24 130)	(14 950)	(13 048)	(11 450)	(22 457)	Female
						5 - FARM POPULATION
						Persons living on the holding
39 392	99 324	65 860	55 489	51 061	111 858	All persons ¹
						6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
						Electric power produced on the holding
102	215	92	66	43	74	Number of holdings reporting
						Selected agricultural equipment owned by the holder
						Stationary steam engines
166	253	100	68	45	71	Number of holdings reporting
2 726	8 197	7 899	7 249	7 042	20 124	Aggregate horsepower installed
						Stationary electric motors
77	125	55	32	31	58	Number of holdings reporting
145	404	332	170	214	1 173	Number of electric motors
						Tractors
135	298	234	178	158	436	Total number of tractors
128	281	215	162	137	343	<i>Wheel tractors</i>
(48)	(113)	(63)	(63)	(45)	(83)	Less than 25 hp
(71)	(154)	(141)	(86)	(75)	(239)	25 hp and less than 50
(9)	(14)	(11)	(13)	(17)	(21)	50 hp and over
5	16	18	14	17	84	<i>Tracklaying tractors</i>
(2)	(8)	(7)	(9)	(9)	(35)	Less than 50 hp
(2)	(5)	(9)	(3)	(5)	(19)	50 hp and less than 75
(1)	(3)	(2)	(2)	(3)	(30)	75 hp and over
2	1	1	2	4	9	<i>Garden tractors</i>

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION I

	All sizes of holdings	Under 40.5 ha	40.5 and under 80.9 ha	80.9 and under 121.4 ha	121.4 and under 161.9 ha	161.9 and under 202.3 ha
		Under 100 acres	100 and under 200 acres	200 and under 300 acres	300 and under 400 acres	400 and under 500 acres
Plows (tractor-operated)						
Number of holdings reporting	477	1	19	21	11	17
Number of plows	784	1	57	24	15	22
Rotary cultivators (tractor-operated)						
Number of holdings reporting	131	1	7	7	3	6
Number of rotary cultivators	151	1	7	7	3	8
Tine tillers (tractor-operated)						
Number of holdings reporting	181	—	6	4	2	4
Number of tine tillers	272	—	6	7	2	4
Disk harrows (tractor-operated)						
Number of holdings reporting	421	—	13	17	7	11
Number of disk harrows	600	—	14	18	7	17
Spraying, dusting and fogging equipment						
Total number	5 632	13	289	238	118	160
Hand-operated						
Number of holdings reporting	895	5	136	71	41	39
Number of spraying, dusting and fogging equipment	(5 413)	(13)	(283)	(235)	(118)	(157)
Power-operated						
Number of holdings reporting	143	—	5	2	—	3
Number of spraying, dusting and fogging equipment	(219)	(—)	(6)	(3)	(—)	(3)
Grass cutters and lawn mowers						
Total number	1 040	—	15	6	5	7
Of which:						
Tractor-operated						
Number of holdings reporting	160	—	7	4	1	4
Number of grass cutters and lawn mowers	226	—	10	4	1	4
Carts						
Number of holdings reporting	11	—	1	—	—	2
Number of carts	14	—	1	—	—	2
Trailers						
Number of holdings reporting	486	—	4	6	2	11
Number of trailers	1 048	—	4	7	2	17
Jeeps and landrovers						
Number of holdings reporting	555	3	26	29	7	11
Number of jeeps and landrovers	819	3	26	31	7	17
Trucks						
Number of holdings reporting	648	1	25	36	24	27
Number of trucks	1 447	1	27	39	26	37
Cars						
Number of holdings reporting	450	3	66	52	22	27
Number of cars	548	3	69	56	24	33
Self-propelled tankers						
Number of holdings reporting	30	—	2	2	—	—
Number of self-propelled tankers	49	—	2	2	—	—
Railway wagons						
Number of holdings reporting	53	—	1	4	—	—
Number of wagons	2 749	—	1	24	—	—
Railway locomotives						
Number of holdings reporting	29	—	2	1	—	—
Number of locomotives	77	—	2	1	—	—
Motorcycles						
Number of holdings reporting	46	—	—	7	—	—
Number of motorcycles	100	—	—	10	—	—
Light railways						
Number of holdings reporting	80	—	3	2	2	1
Meters of railway owned	1 052 882	—	3 218	804	4 426	1 600

MALAYSIA

Estates

Classified by size of holding

CULTIVATED AREA OF HOLDING

2.3 and under 14.7 ha	404.7 and under 809.4 ha	809.4 and under 1 214.0 ha	1 214.0 and under 1 618.7 ha	1 618.7 and under 2 023.4 ha	2 023.4 ha and over	
10 000 and under 100 000 acres	1 000 and under 2 000 acres	2 000 and under 3 000 acres	3 000 and under 4 000 acres	4 000 and under 5 000 acres	5 000 acres and over	
						Plows (tractor-operated)
69	130	58	53	32	66	Number of holdings reporting
82	174	93	82	57	177	Number of plows
						Rotary cultivators (tractor-operated)
17	29	18	10	11	22	Number of holdings reporting
17	29	20	11	17	31	Number of rotary cultivators
						Tine tillers (tractor-operated)
19	40	28	24	19	35	Number of holdings reporting
20	49	33	37	27	87	Number of tine tillers
						Disk harrows (tractor-operated)
46	119	62	49	33	64	Number of holdings reporting
53	143	82	72	51	143	Number of disk harrows
						Spraying, dusting and fogging equipment
674	1 148	847	659	506	980	Total number
146	209	87	59	41	61	Hand-operated
(654)	(1 102)	(820)	(637)	(486)	(908)	Number of holdings reporting
						Number of spraying, dusting and fogging equipment
						Power-operated
13	32	22	18	16	32	Number of holdings reporting
(20)	(46)	(27)	(22)	(20)	(72)	Number of spraying, dusting and fogging equipment
						Grass cutters and lawn mowers
84	225	169	142	127	260	Total number
						Of which:
20	43	23	15	11	32	Tractor-operated
21	56	35	21	21	53	Number of holdings reporting
						Number of grass cutters and lawn mowers
						Carts
4	3	1	—	—	—	Number of holdings reporting
5	5	1	—	—	—	Number of carts
						Trailers
57	156	79	59	42	68	Number of holdings reporting
75	254	179	120	111	279	Number of trailers
						Jeeps and landrovers
69	165	78	56	41	66	Number of holdings reporting
75	189	96	94	84	197	Number of jeeps and landrovers
						Trucks
99	176	86	60	42	70	Number of holdings reporting
121	273	184	148	214	382	Number of trucks
						Cars
58	103	47	23	19	32	Number of holdings reporting
67	119	57	26	32	64	Number of cars
						Self-propelled tankers
—	6	1	2	3	14	Number of holdings reporting
—	9	1	2	4	29	Number of self-propelled tankers
						Railway wagons
5	12	7	9	3	12	Number of holdings reporting
29	356	153	506	126	1 554	Number of wagons
						Railway locomotives
—	5	3	5	4	9	Number of holdings reporting
—	7	3	11	5	48	Number of locomotives
						Motorcycles
2	8	7	7	5	8	Number of holdings reporting
2	9	14	17	7	39	Number of motorcycles
						Light railways
7	22	12	9	7	13	Number of holdings reporting
19 311	132 767	102 593	142 825	76 844	568 485	Meters of railway owned

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 40.5 ha	40.5 and under 80.9 ha	80.9 and under 121.4 ha	121.4 and under 161.9 ha	161.9 and under 202.3 ha
		Under 100 acres	100 and under 200 acres	200 and under 300 acres	300 and under 400 acres	400 and under 500 acres
8 - FERTILIZERS AND SOIL DRESSINGS						
Application of organic and inorganic fertilizers						
Number of holdings reporting	1 444	17	332	151	79	81
Area treated	373 310	282	10 216	6 809	4 961	5 757
Organic fertilizers						
Number of holdings reporting	104	—	15	4	6	5
Amount applied (metric tons)	12 065	—	130	12	21	67
Inorganic fertilizers						
Nitrogenous fertilizers						
Amount applied (metric tons)	14 842	35	953	470	201	663
Phosphate fertilizers						
Amount applied (metric tons)	17 599	2	200	274	126	335
Potash fertilizers						
Number of holdings reporting	101	1	5	3	1	3
Amount applied (metric tons)	2 047	15	80	22	1	6
Mixed inorganic fertilizers						
Amount applied (metric tons)	52 658	29	2 221	1 161	981	1 192
Other fertilizers						
Number of holdings reporting	354	1	35	23	9	13
Amount applied (metric tons)	31 099	5	304	159	69	126
Application of soil dressings						
Ground magnesium limestone						
Number of holdings reporting	171	2	11	2	4	3
Amount applied (metric tons)	3 182	32	69	11	28	11
Kieserite						
Number of holdings reporting	68	—	2	2	1	3
Amount applied (metric tons)	717	—	14	10	1	7

**MALAYSIA
Estates**

Classified by size of holding

POP AREA OF HOLDING

2.3 and under 04.7 ha	404.7 and under 809.4 ha	809.4 and under 1 214.0 ha	1 214.0 and under 1 618.7 ha	1 618.7 and under 2 023.4 ha	2 023.4 ha and over	
100 and under 200 acres	1 000 and under 2 000 acres	2 000 and under 3 000 acres	3 000 and under 4 000 acres	4 000 and under 5 000 acres	5 000 acres and over	
						8 - FERTILIZERS AND SOIL DRESSINGS
						Application of organic and inorganic fertilizers
						Number of holdings reporting
218	271	106	69	45	75	Area treated
29 697	76 230	50 181	43 126	39 508	106 543	Organic fertilizers
						Number of holdings reporting
12	24	14	4	11	9	Amount applied (metric tons)
200	69	178	16	2 907	8 465	Inorganic fertilizers
						Nitrogenous fertilizers
						Amount applied (metric tons)
1 452	3 571	1 816	725	949	4 007	Phosphate fertilizers
						Amount applied (metric tons)
1 078	3 862	2 058	2 557	1 682	5 425	Potash fertilizers
						Number of holdings reporting
5	19	19	12	11	22	Amount applied (metric tons)
98	232	513	92	158	830	Mixed inorganic fertilizers
						Amount applied (metric tons)
5 579	15 232	6 664	7 701	4 420	7 478	Other fertilizers
						Number of holdings reporting
43	73	46	27	27	57	Amount applied (metric tons)
998	2 692	2 738	2 232	3 799	17 977	Application of soil dressings
						Ground magnesium limestone
						Number of holdings reporting
25	44	26	11	12	31	Amount applied (metric tons)
596	345	310	182	451	1 147	Kieserite
						Number of holdings reporting
8	10	12	9	8	13	Amount applied (metric tons)
38	213	210	51	79	94	

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MALAYSIA
Government farms

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number 135
Area 4 222

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Cropland 1 935
Other land 2 287

2 - CROPS - AREA AND PRODUCTION

Crops on arable land

Rice

Area (total) 216
Wet rice
Area (208)
Production 373
Dry rice
Number of holdings reporting 3
Area (8)

Maize

Number of holdings reporting 4
Area 2

Manioc (cassava)

Number of holdings reporting 5
Area 2

Sweet potatoes

Number of holdings reporting 3
Area 6

Groundnuts (peanuts)

Number of holdings reporting 4
Area 1

Fodder crops

Number of holdings reporting 31
Area 191

Vegetables

Number of holdings reporting 10
Area 5

Permanent crops ¹

Mandarines

In compact plantations
Number of holdings reporting 26
Area (total) 15
Number of trees (total) 4 397
Of productive age
Area (2)
Number of trees (560)
Of nonproductive age
Area (13)
Number of trees (3 837)
Scattered trees
Number of holdings reporting 10
Number of trees 122

Other citrus fruits

In compact plantations
Number of holdings reporting 25
Area (total) 13
Number of trees (total) 3 080
Of productive age
Area (4)
Number of trees (630)

Of nonproductive age

Area (10)
Number of trees (2 450)
Scattered trees
Number of holdings reporting 25
Number of trees 233

Mangosteens

In compact plantations
Number of holdings reporting 3
Area 1
Number of trees (total) 72
Of productive age (39)
Of nonproductive age (33)
Scattered trees
Number of holdings reporting 13
Number of trees 74

Durian

In compact plantations
Number of holdings reporting 20
Area (total) 10
Number of trees (total) 900
Of productive age
Area (2)
Number of trees (235)
Of nonproductive age
Area (8)
Number of trees (665)
Scattered trees
Number of holdings reporting 25
Number of trees 365

Rambutan

In compact plantations
Number of holdings reporting 47
Area (total) 39
Number of trees (total) 5 395
Of productive age
Area (17)
Number of trees (1 811)
Of nonproductive age
Area (22)
Number of trees (3 584)
Scattered trees
Number of holdings reporting 35
Number of trees 238

Bananas

In compact plantations
Number of holdings reporting 11
Area harvested (total) 5
Number of plants (total) 4 202
Of productive age
Area (3)
Number of plants (1 586)
Of nonproductive age
Area (2)
Number of plants (2 616)

Scattered plants

Number of holdings reporting 13
Number of plants 301

Coffee

In compact plantations
Number of holdings reporting 18
Area (total) 17
Number of trees (total) 14 501
Of productive age
Area (6)
Number of trees (5 161)
Of nonproductive age
Area (11)
Number of trees (9 340)
Scattered trees
Number of holdings reporting 3
Number of trees 202

Cocoa

In compact plantations
Number of holdings reporting 16
Area (total) 57
Number of trees (total) 78 465

¹ Data for compact plantations include crops grown alone or associated.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MALAYSIA
Government farms
Not classified by size of holding

Of productive age	
Area	(51)
Number of trees	(69 430)
Of nonproductive age	
Area	(6)
Number of trees	(9 035)
Tea	
In compact plantations	
Number of holdings reporting	5
Area (total)	23
Number of trees (total)	19 676
Of productive age	
Area	(22)
Number of trees	(16 275)
Of nonproductive age	
Area	(1)
Number of trees	(3 401)
Coconuts	
In compact plantations	
Number of holdings reporting	24
Area (total)	68
Number of trees (total)	8 116
Of productive age	
Area ²	(9)
Number of trees	(1 410)
Of nonproductive age	
Area	(59)
Number of trees	(6 706)
Scattered trees	
Number of holdings reporting	36
Number of trees	431
Production (number of nuts)	24 877
Oil palms	
Area (total)	71
Number of trees (total)	8 099
Of productive age	
Area	(62)
Number of trees	(7 446)
Of nonproductive age	
Area	(9)
Number of trees	(653)
Production	307
Rubber	
Number of holdings reporting	21
Area	45
Production	9
Manila hemp	
In compact plantations	
Number of holdings reporting	4
Area (total)	6
Number of plants (total)	1 955
Of productive age	
Area	(5)
Number of plants	(695)
Of nonproductive age	
Area	(1)
Number of plants	(1 260)
Other permanent crops	
In compact plantations	
Number of holdings reporting	17
Area (total)	22
Number of trees (total)	3 749
Of productive age	
Area	(15)
Number of trees	(1 758)
Of nonproductive age	
Area	(7)
Number of trees	(1 991)
Scattered trees	
Number of holdings reporting	50
Number of trees	1 374

Nurseries	
Area (total)	104
Nurseries of fruit trees	
Area	(33)
Nurseries of other permanent crops	
Area	(71)

3 - LIVESTOCK AND POULTRY

Cattle	
Number of holdings reporting	29
Total number of cattle	1 397
Male	(412)
Female	(985)
Cattle under 3 years of age	703
Male	(299)
Female	(404)
Cattle 3 years of age and over	694
Male	(113)
Female	(581)
Buffaloes	
Number of holdings reporting	14
Total number of buffaloes	211
Male	(82)
Female	(129)
Buffaloes under 3 years of age	77
Male	(43)
Female	(34)
Buffaloes 3 years of age and over	134
Male	(39)
Female	(95)
Sheep	
Number of holdings reporting	2
Total number of sheep	136
Lambs under 1 year of age	60
Male	(26)
Female	(34)
Sheep 1 year of age and over	76
Male	(28)
Female	(48)
Goats	
Number of holdings reporting	15
Total number of goats	645
Goats under 1 year of age	240
Male	(96)
Female	(144)
Goats 1 year of age and over	405
Male	(86)
Female	(319)
Pigs	
Number of holdings reporting	12
Total number of pigs	715
Boars	(67)
Sows and gilts	(263)
Other pigs	(385)
Poultry	
Number of holdings reporting	27
Number of chickens	6 285
Number of ducks	212
Number of geese	25

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding	
All persons	2 142
Persons under 16 years of age	7
Persons 16 years of age and over	2 135
Male	(1 641)
Female	(494)

² Including a small area under trees of nonproductive age.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

MALAYSIA
Government farms

Not classified by size of holding

5 - FARM POPULATION

Persons living on the holding	
All persons	2 648

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment owned by the holder

Stationary engines

Number of holdings reporting	13
Number of engines	20

Electric generators

Number of holdings reporting	9
Number of electric generators	11

Electric motors

Number of holdings reporting	6
Number of electric motors	13

Tractors

Total number of tractors	111
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Wheel tractors

Number of holdings reporting	41
Number of wheel tractors	84
Less than 25 hp	(38)
25 hp and less than 50	(42)
50 hp and over	(4)

Tracklaying tractors

Number of holdings reporting	8
Number of tracklaying tractors	13
Less than 50 hp	(11)
50 hp and less than 75	(1)
75 hp and over	(1)

Garden tractors

Number of holdings reporting	9
Number of garden tractors	14

Plows

Number of holdings reporting	43
Number of plows	113

Rotary cultivators

Number of holdings reporting	32
Number of rotary cultivators	39

Harrows

Number of holdings reporting	39
Number of harrows	102

Spraying, dusting and fogging equipment

Total number	283
Of which:	
Hand-operated	
Number of holdings reporting	80
Number of spraying, dusting and fogging equipment	255

Grass cutters

Number of holdings reporting	58
Number of grass cutters	91

Trailers

Number of holdings reporting	32
Number of trailers	54

Jeeps and landrovers

Number of holdings reporting	21
Number of jeeps and landrovers	33

Trucks

Number of holdings reporting	12
Number of trucks	20

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers

Number of holdings reporting	126
Area treated	708
Organic fertilizers	
Number of holdings reporting	56
Amount applied (metric tons)	401

Inorganic fertilizers

Nitrogenous fertilizers	
Amount applied (metric tons)	123
Phosphate fertilizers	
Amount applied (metric tons)	153
Potash fertilizers	
Number of holdings reporting	57
Amount applied (metric tons)	57
Mixed inorganic fertilizers	
Amount applied (metric tons)	99
Other fertilizers	
Number of holdings reporting	17
Amount applied (metric tons)	14

Application of soil dressings

Lime	
Number of holdings reporting	9
Amount applied (metric tons)	24
Ground magnesium limestone	
Number of holdings reporting	39
Amount applied (metric tons)	111
Kieserite	
Number of holdings reporting	9
Amount applied (metric tons)	4

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CROP AREA
OF HOLDING

MALAYSIA
Government farms
Classified by size of holding

	All sizes of holdings	Under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 6 ha	6 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.4 ha	40.4 and under 202.3 ha	202.3 ha and over
		Under 5 acres	5 and under 7 acres	7 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 and under 500 acres	500 acres and over
0 - HOLDER, HOLDING AND TENURE										
Number and area of holdings										
Number	135	31	25	10	21	14	17	9	6	2
Percentage distribution	100.0	23.0	18.5	7.4	15.5	10.4	12.6	6.7	4.4	1.5
Area	4 222	48	78	35	166	138	259	561	752	2 185
Percentage distribution	100.0	1.1	1.8	0.8	3.9	3.3	6.1	13.3	17.8	51.9
1 - LAND UTILIZATION										
Utilization of land in holdings (area)										
Cropland	1 935	27	52	30	88	100	184	214	279	961
Other land	2 287	21	27	5	78	38	75	346	474	1 223
3 - LIVESTOCK AND POULTRY										
Cattle										
Number of holdings reporting	29	—	3	2	5	1	8	6	2	2
Total number of cattle	1 397	—	16	6	33	10	180	115	265	772
Male	(412)	(—)	(3)	(5)	(14)	(2)	(50)	(36)	(70)	(232)
Female	(985)	(—)	(13)	(1)	(19)	(8)	(130)	(79)	(195)	(540)
Cattle under 3 years of age	703	—	1	—	18	5	101	55	138	385
Male	(299)	(—)	(1)	(—)	(4)	(1)	(34)	(17)	(57)	(185)
Female	(404)	(—)	(—)	(—)	(14)	(4)	(67)	(38)	(81)	(200)
Cattle 3 years of age and over	694	—	15	6	15	5	79	60	127	387
Male	(113)	(—)	(2)	(5)	(10)	(1)	(16)	(19)	(13)	(47)
Female	(581)	(—)	(13)	(1)	(5)	(4)	(63)	(41)	(114)	(340)
Buffaloes										
Number of holdings reporting	14	—	4	1	2	2	1	1	2	1
Total number of buffaloes	211	—	10	6	5	14	5	20	41	110
Male	(82)	(—)	(6)	(3)	(1)	(9)	(4)	(6)	(19)	(34)
Female	(129)	(—)	(4)	(3)	(4)	(5)	(1)	(14)	(22)	(76)
Buffaloes under 3 years of age	77	—	2	3	1	5	2	5	18	41
Male	(43)	(—)	(1)	(3)	(1)	(3)	(2)	(2)	(13)	(18)
Female	(34)	(—)	(1)	(—)	(—)	(2)	(—)	(3)	(5)	(23)
Buffaloes 3 years of age and over	134	—	8	3	4	9	3	15	23	69
Male	(39)	(—)	(5)	(—)	(—)	(6)	(2)	(4)	(6)	(16)
Female	(95)	(—)	(3)	(3)	(4)	(3)	(1)	(11)	(17)	(53)
Sheep										
Number of holdings reporting	2	—	—	—	1	—	—	1	—	—
Total number of sheep	136	—	—	—	1	—	—	135	—	—
Lambs under 1 year of age	60	—	—	—	—	—	—	60	—	—
Male	(26)	(—)	(—)	(—)	(—)	(—)	(—)	(26)	(—)	(—)
Female	(34)	(—)	(—)	(—)	(—)	(—)	(—)	(34)	(—)	(—)
Sheep 1 year of age and over	76	—	—	—	1	—	—	75	—	—
Male	(28)	(—)	(—)	(—)	(1)	(—)	(—)	(27)	(—)	(—)
Female	(48)	(—)	(—)	(—)	(—)	(—)	(—)	(48)	(—)	(—)
Goats										
Number of holdings reporting	15	1	—	1	1	1	4	3	2	2
Total number of goats	645	10	—	3	11	12	81	99	29	400
Goats under 1 year of age	240	2	—	—	3	—	23	44	15	153
Male	(96)	(—)	(—)	(—)	(2)	(—)	(12)	(12)	(8)	(62)
Female	(144)	(2)	(—)	(—)	(1)	(—)	(11)	(32)	(7)	(91)
Goats 1 year of age and over	405	8	—	3	8	12	58	55	14	247
Male	(86)	(1)	(—)	(2)	(3)	(4)	(20)	(12)	(2)	(42)
Female	(319)	(7)	(—)	(1)	(5)	(8)	(38)	(43)	(12)	(205)
Pigs										
Number of holdings reporting	12	3	2	—	1	2	—	1	1	2
Total number of pigs	715	73	22	—	26	177	—	67	153	197
Boars	(67)	(10)	(4)	(—)	(3)	(3)	(—)	(3)	(9)	(35)
Sows and gilts	(263)	(26)	(18)	(—)	(8)	(51)	(—)	(27)	(27)	(106)
Other pigs	(385)	(37)	(—)	(—)	(15)	(123)	(—)	(37)	(117)	(56)
Poultry										
Number of holdings reporting	27	2	2	2	5	2	8	3	3	—
Number of chickens	6 285	73	305	274	1 448	1 253	2 342	213	377	—
Number of ducks	212	67	—	—	—	—	102	—	43	—
Number of geese	25	3	—	2	—	—	1	—	19	—

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CROP AREA
OF HOLDING

MALAYSIA
Government farms
Classified by size of holding

	All sizes of holdings	Under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 6 ha	6 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.4 ha	40.4 and under 202.3 ha	202.3 ha and over
		Under 5 acres	5 and under 7 acres	7 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 and under 500 acres	500 acres and over
4 - EMPLOYMENT IN AGRICULTURE										
Persons employed in agricultural work on the holding										
All persons	2 142	87	153	145	292	132	327	320	307	379
Persons under 16 years of age	7	1	1	1	—	—	—	—	2	2
Persons 16 years of age and over	2 135	86	152	144	292	132	327	320	305	377
Male	(1 641)	(75)	(123)	(94)	(211)	(120)	(253)	(251)	(239)	(275)
Female	(494)	(11)	(29)	(50)	(81)	(12)	(74)	(69)	(66)	(102)
5 - FARM POPULATION										
Persons living on the holding										
All persons	2 648	49	73	275	127	135	258	355	423	953
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES										
Selected agricultural equipment owned by the holder										
Stationary engines										
Number of holdings reporting	13	—	—	1	3	1	2	4	1	1
Number of engines	20	—	—	1	7	1	2	6	2	1
Electric generators										
Number of holdings reporting	9	—	—	1	2	—	2	1	2	1
Number of electric generators	11	—	—	1	2	—	2	2	3	1
Electric motors										
Number of holdings reporting	6	—	—	1	—	—	1	2	—	2
Number of electric motors	13	—	—	3	—	—	2	4	—	4
Tractors										
Total number of tractors	111	1	3	9	16	7	21	15	19	20
<i>Wheel tractors</i>										
Number of holdings reporting	41	1	2	3	10	4	10	6	3	2
Number of wheel tractors	84	1	2	6	11	6	19	10	11	18
Less than 25 hp	(38)	(1)	(2)	(4)	(2)	(—)	(10)	(4)	(8)	(7)
25 hp and less than 50	(42)	(—)	(—)	(2)	(9)	(6)	(9)	(6)	(3)	(7)
50 hp and over	(4)	(—)	(—)	(—)	(—)	(—)	(—)	(—)	(—)	(4)
<i>Tracklaying tractors</i>										
Number of holdings reporting	8	—	—	1	—	—	1	2	2	2
Number of tracklaying tractors	13	—	—	2	—	—	2	3	4	2
Less than 50 hp	(11)	(—)	(—)	(2)	(—)	(—)	(2)	(2)	(4)	(1)
50 hp and less than 75	(1)	(—)	(—)	(—)	(—)	(—)	(—)	(—)	(—)	(1)
75 hp and over	(1)	(—)	(—)	(—)	(—)	(—)	(—)	(1)	(—)	(—)
<i>Garden tractors</i>										
Number of holdings reporting	9	—	1	1	3	1	—	2	1	—
Number of garden tractors	14	—	1	1	5	1	—	2	4	—
Plows										
Number of holdings reporting	43	1	4	4	9	4	9	6	4	2
Number of plows	113	1	5	16	11	9	20	19	26	6
Rotary cultivators										
Number of holdings reporting	32	1	4	2	5	6	7	4	2	1
Number of rotary cultivators	39	1	5	2	5	7	9	5	3	2
Harrows										
Number of holdings reporting	39	1	3	4	8	4	7	6	4	2
Number of harrows	102	1	4	18	13	7	19	14	19	7

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY CROP AREA
OF HOLDING

MALAYSIA
Government farms
Classified by size of holding

	All sizes of holdings	Under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 6 ha	6 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 40.4 ha	40.4 and under 202.3 ha	202.3 ha and over
		Under 5 acres	5 and under 7 acres	7 and under 10 acres	10 and under 15 acres	15 and under 25 acres	25 and under 50 acres	50 and under 100 acres	100 and under 500 acres	500 acres and over
Spraying, dusting and fogging equipment										
Total number	283	33	34	25	43	21	58	32	30	7
Of which:										
Hand-operated										
Number of holdings reporting ...	80	16	13	7	13	7	10	7	6	1
Number of spraying, dusting and fogging equipment	255	33	32	21	40	18	53	30	26	2
Grass cutters										
Number of holdings reporting	58	8	7	3	9	6	10	8	5	2
Number of grass cutters	91	10	9	4	11	10	17	11	14	5
Trailers										
Number of holdings reporting	32	1	1	3	7	2	8	5	3	2
Number of trailers	54	1	1	6	8	3	11	8	6	10
Jeeps and landrovers										
Number of holdings reporting	21	—	—	2	2	3	6	3	3	2
Number of jeeps and landrovers	33	—	—	4	2	3	9	4	4	7
Trucks										
Number of holdings reporting	12	—	—	2	—	—	3	3	2	2
Number of trucks	20	—	—	3	—	—	4	3	3	7
8 - FERTILIZERS AND SOIL DRESSINGS										
Application of organic and inorganic fertilizers										
Number of holdings reporting	126	30	23	10	18	13	15	9	6	2
Area treated	708	20	39	23	60	69	103	129	140	125
Organic fertilizers										
Number of holdings reporting	56	9	8	4	9	4	13	5	3	1
Amount applied (metric tons)	401	50	15	16	39	61	133	32	54	1
Inorganic fertilizers										
Nitrogenous fertilizers										
Amount applied (metric tons)	123	1	2	1	5	6	11	27	17	53
Phosphate fertilizers										
Amount applied (metric tons)	153	2	2	1	6	9	15	18	24	76
Potash fertilizers										
Number of holdings reporting	57	9	10	3	10	5	6	7	5	2
Amount applied (metric tons)	57	—	1	—	1	1	2	5	8	39
Mixed inorganic fertilizers										
Amount applied (metric tons)	99	6	6	5	9	10	11	29	23	—
Other fertilizers										
Number of holdings reporting	17	3	4	—	1	2	2	2	2	1
Amount applied (metric tons)	14	1	—	—	—	5	1	2	1	4
Application of soil dressings										
Lime										
Number of holdings reporting	9	—	1	1	1	—	1	2	2	1
Amount applied (metric tons)	24	—	—	2	—	—	—	4	16	2
Ground magnesium limestone										
Number of holdings reporting	39	1	4	3	9	4	8	5	4	1
Amount applied (metric tons)	111	—	—	—	2	14	15	8	60	12
Kieserite										
Number of holdings reporting	9	—	—	—	—	2	2	2	2	1
Amount applied (metric tons)	4	—	—	—	—	1	—	—	1	2

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

MALAYSIA
Group Settlement Scheme farms
Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	22
Area	20 883

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Cropland	13 030
Other land	7 853

2 - CROPS - AREA AND PRODUCTION

Crops on arable land

Rice (total)

Area	573
Production	453

Wet rice

Number of holdings reporting	1
Area	(16)
Production	(5)

Dry rice

Number of holdings reporting	4
Area	(557)
Production	(448)

Maize

Number of holdings reporting	5
Area	58

Manioc (cassava)

Number of holdings reporting	6
Area	31
Production	252

Sweet potatoes

Number of holdings reporting	5
Area	22
Production	132

Groundnuts (peanuts)

Number of holdings reporting	2
Area	8
Production	14

Vegetables

Number of holdings reporting	2
Area	8
Production	23

Other temporary crops

Number of holdings reporting	2
Area	2

Permanent crops

Mandarines

In compact plantations

Trees of nonproductive age	
Number of holdings reporting	1
Area	45
Number of trees	5 280

Scattered trees

Number of holdings reporting	4
Number of trees	3 897

Other citrus fruits

Scattered trees	
Number of holdings reporting	3
Number of trees	160

Mangosteens

Scattered trees	
Number of holdings reporting	2
Number of trees	100

Durian

Scattered trees	
Number of holdings reporting	4
Number of trees	770

Rambutan

In compact plantations

Trees of nonproductive age	
Number of holdings reporting	3
Area	145
Number of trees	17 138

Scattered trees

Number of holdings reporting	6
Number of trees	2 921

Bananas

Number of holdings reporting	2
Area (harvested)	40
Production	267

Pineapples

Number of holdings reporting	2
Area (harvested)	18
Production	263

Coconuts

Scattered trees	
Number of holdings reporting	3
Number of trees	1 900

Rubber

Number of holdings reporting	18
Area	5 423

Other permanent crops

Scattered trees	
Number of holdings reporting	2
Number of trees	4 452

Nurseries

Number of holdings reporting	6
Area	13

3 - LIVESTOCK AND POULTRY

Cattle

Total number of cattle	36
Male	(8)
Female	(28)
Of which:	
Cattle 3 years of age and over	15
Male	(3)
Female	(12)
Cattle used primarily for milk production	3

Buffaloes

Number of holdings reporting	3
Total number of buffaloes	34
Male	(14)
Female	(20)
Of which:	
Buffaloes 3 years of age and over	8
Male	(3)
Female	(5)

Goats

Number of holdings reporting	2
Total number of goats	21
Male	(10)
Female	(11)

Pigs

Number of holdings reporting	1
Number of pigs	73

Poultry

Number of holdings reporting	11
Number of chickens	14 699
Number of ducks	717
Number of geese	34

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

MALAYSIA
Group Settlement Scheme farms
Not classified by size of holding

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding

All persons ¹ 93

5 - FARM POPULATION

Persons living on the holding

All persons ² 12 065

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment on the holding

Stationary engines

Number of holdings reporting 1
 Number of engines 2

Electric generators

Number of holdings reporting 2
 Number of electric generators 4

Tractors

Total number of tractors 3

Wheel tractors

Number of holdings reporting 2
 Number of wheel tractors (2)

Tracklaying tractors

Number of holdings reporting 1
 Number of tracklaying tractors (1)

Plows

Number of holdings reporting 2
 Number of plows 3

Rotary cultivators

Number of holdings reporting 1
 Number of rotary cultivators 1

Disk harrows

Number of holdings reporting 2
 Number of disk harrows 2

Sprayers and dusters (hand-operated)

Number of holdings reporting 6
 Number of sprayers and dusters 49

Trailers

Number of holdings reporting 8
 Number of trailers 11

Jeeps and landrovers

Number of holdings reporting 9
 Number of jeeps and landrovers 11

Lorries

Number of holdings reporting 1
 Number of lorries 1

8 - FERTILIZERS AND SOIL DRESSINGS

Application of fertilizers

Number of holdings reporting 16
 Area treated 3 421

Inorganic fertilizers

Nitrogenous fertilizers
 Number of holdings reporting 1
 Amount applied (metric tons) 1

Phosphate fertilizers
 Amount applied (metric tons) 189

Mixed inorganic fertilizers
 Number of holdings reporting 15
 Amount applied (metric tons) 523

Other fertilizers

Number of holdings reporting 1
 Amount applied (metric tons) 8

Application of soil dressings

Ground magnesium limestone
 Number of holdings reporting 2

¹ Males 16 years of age and over. - ² Refers to settlers and their dependents

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

MALAYSIA

SIZE CLASSIFICATION BY CROP AREA Group Settlement Scheme farms
OF HOLDING

Classified by size of holding

	All sizes of holdings	80.9 and under 121.4 ha	121.4 and under 202.3 ha	202.3 and under 283.3 ha	283.3 and under 404.7 ha	404.7 and under 809.4 ha	809.4 and under 1 214.0 ha	1 214.0 and under 1 618.7 ha	1 618.7 and under 2 023.7 ha
		200 and under 300 acres	300 and under 500 acres	500 and under 700 acres	700 and under 1 000 acres	1 000 and under 2 000 acres	2 000 and under 3 000 acres	3 000 and under 4 000 acres	4 000 and under 5 000 acres
0 - HOLDER, HOLDING AND TENURE									
Number and area of holdings									
Number	22	3	3	4	3	2	3	2	2
Percentage distribution	100.0	13.6	13.6	18.3	13.6	9.1	13.6	9.1	9.1
Area	20 883	312	828	1 149	1 368	1 117	4 687	7 464	3 958
Percentage distribution	100.0	1.5	4.0	5.5	6.6	5.3	22.4	35.7	19.0
1 - LAND UTILIZATION									
Utilization of land in holdings (area)									
Cropland	13 030	305	474	973	1 031	1 007	2 719	2 936	3 585
Other land	7 853	7	354	176	337	110	1 968	4 528	373

Date of the census and time reference

The field enumeration was carried out during the year 1960.

No specific time reference was indicated for the data collected.

Method of collection and processing of census data

Census data were collected on a sample basis. The sample was selected by means of a two-stage stratified sampling.

The frame for sample selection was prepared in 1959 from the list of villages received by the Statistical Office. The list of villages contained the following information: (a) estimated population; (b) predominant ethnic group; (c) predominant activities.

On the basis of this information, the country was divided into six strata according to geographical, administrative and agronomic criteria; these strata were further subdivided into 42 substrata. As the primary sampling units were clusters of population possibly equal in size to the mean of the population of villages of each stratum.

Initially, a 10 percent sample of 900 primary units was selected. This sample was reduced, however, to 2 percent and then increased to 4 percent for certain strata where facilities in terms of personnel were available. The number of primary sampling units selected was 202. From these, 826 agricultural holdings were chosen as secondary sampling units.

Census data were processed in Paris with the aid of the French Ministry of Co-operation and the specialized services of the National Institute of Statistics and Economic Studies.

¹ The census excluded the zone of the "Office du Niger" (38,000 inhabitants with 108 villages) and the "Boucle du Niger" (predominantly nomadic population).

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the physical or juridical person who had the technical and economic initiative for the operation of the holding and who operated it directly or with the assistance of a hired manager. When various related or associated persons shared this responsibility, they were considered, for census purposes, as one holder.

Holding

No specific definition was given for the holding. It may be assumed, however, that the holding was defined as all land cultivated at the date of the census, including fields separately cultivated by the wives of the holder.

2 - CROPS

Data on area refer to the area under crops at the census date. Crop areas were measured for individual fields.

3 - LIVESTOCK AND POULTRY

Data refer to the number of animals on the holding at the census date.

4 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data refer to the number of machines on the holding at the census date.

5 - FARM POPULATION

Data refer to the number of persons depending on agriculture at the date of enumeration.

* * *

SOURCE: Mali. *Enquête agricole au Mali, 1960*. Paris, Ministère de la coopération, INSEE, Service de coopération, 1964.

Area: in hectares

Not classified by size of holding

	Total ¹	Of which: grown in pure stand		Total ¹	Of which: grown in pure stand
0 - HOLDER, HOLDING AND TENURE			Mangoes		
Number and area of holdings			Area	2 064	1 990
Number	280 260		Number of trees of productive age	32 790	—
Area	1 220 528		Other fruit trees		
			Area	355	24
2 - CROPS - AREA			Shea butter tree		
Crops on arable land			Number of trees of productive age	4 951 940	—
Rice			Oil palms		
Area	86 683	85 484	Number of trees of productive age	3 140	—
Millet			Kapok		
Area	468 319	351 736	Number of trees of productive age	41 930	—
Sorghum			African locust tree		
Area	386 179	316 111	Number of trees of productive age	86 020	—
Maize			Baobab tree (<i>Adansonia digitata</i>)		
Area	23 321	12 407	Number of trees of productive age	45 460	—
Fonio (<i>Paspalum longiflorum</i>)			Other permanent crops		
Area	36 715	30 776	Number of trees of productive age	82 237	—
Dry beans			3 - LIVESTOCK AND POULTRY		
Area	2 360	15	Horses		
Chick-peas			Number of horses	41 240	
Area	12 779	8 208	Asses		
Cowpeas			Number of asses	85 960	
Area	456	300	Cattle		
Other legumes for grain			Number of cattle	928 510	
Area	2 522	2 304	Sheep		
Other tuber and root crops			Number of sheep	330 270	
Area	3 631	3 497	Goats		
Cotton			Number of goats	560 790	
Area	48 210	40 870	Pigs		
Kenaf (mesta)			Number of pigs	7 090	
Area	499	67	Poultry		
Okra			Number of poultry	2 656 060	
Area	89	86	5 - FARM POPULATION		
Sorrel			All persons	2 884 940	
Area	100	100	Of which engaged in agriculture ²	1 501 520	
Groundnuts (peanuts)			6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Area	130 673	99 468	Selected agricultural equipment on the holding (number)		
Tobacco			Plows	44 720	
Area	3 797	3 767	Harrows	149 490	
Gourd					
Area	6 629	6 429			
Permanent crops					
Oranges and mandarines					
Number of trees of productive age	1 640	—			

¹ Area of the crops grown in pure stand or mixed, or associated as main crop. — ² Includes only persons 14 years of age and over.

**SIZE CLASSIFICATION BY CULTIVATED AREA
OF HOLDING**

MALI

Area: in hectares

Classified by size of holding

	All sizes of holdings	Under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha	10 and under 20 ha	20 and under 30 ha	30 ha and over
0 - HOLDER, HOLDING AND TENURE										
Number and area of holdings										
Number	280 260	40 280	51 390	51 850	35 030	25 430	52 090	19 210	3 030	1 950
Percentage distribution	100.0	14.3	18.3	18.6	12.5	9.1	18.6	6.8	1.1	0.7
Area	1 220 528	22 196	75 733	128 337	119 739	114 300	358 377	253 859	72 127	75 860
Percentage distribution	100.0	1.8	6.2	10.6	9.8	9.4	29.3	20.8	5.9	6.2
5 - FARM POPULATION										
All persons	2 884 940	1 361 610	368 830	389 550	296 640	227 870	667 450	355 140	84 940	132 910
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES										
Selected agricultural equipment on the holding (number)										
Plows	44 720	2 020	2 220	4 750	4 610	5 370	12 260	8 930	2 410	2 150

¹ Includes 108,370 persons not classified by size of holding.

Date of the census and time reference

The census enumeration was carried out mainly during the period 2 May to 15 June 1960.

Data on temporary, permanent crops and livestock production refer to the agricultural year 1 May 1959 to 30 April 1960. Data on wood products refer to the calendar year 1959, while the remaining data refer to the day of the census.

Method of collection and processing of census data

The Agricultural Census was combined with the Population Census. Two different methods were used for the collection of agricultural data. For holdings with more than 5 ha and for *ejidal*¹ holdings, data were obtained through a direct visit to each holding, while for the remaining holdings, holders were called and interviewed at the capital of the municipalities. Three different questionnaires were used for the Agricultural Census: (a) for holdings up to 5 ha; (b) for holdings over 5 ha; and (c) for enumerating livestock in population centers, provided livestock products were mostly used for home consumption. The latter questionnaire was used in conjunction with the Population Census questionnaire. Another questionnaire was used for *ejidal* holdings.

Census questionnaires were collected, checked and revised in the General Statistical Office. The punched cards were processed by electronic computers.

¹ See definition of *ejidal* holding under "Holding".

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

For non-*ejidal* holdings, the holder was defined as the physical or juridical person who had the power to take economic and technical decisions and who had the responsibility for the operation of the holding and operated it directly or through a hired manager; the holder might be the owner, a tenant, a sharecropper, a *colono*, an *ocupante*, etc.

No definition of holder was given in the case of *ejidos*.

Holding

For census purposes, a non-*ejidal* holding was considered land devoted to agriculture consisting of a single territorial area (e.g., ranch, farm, orchard, parcel, lot, estate, etc.), or of various contiguous areas, or in the same neighborhood, provided they constitute an operational unit under the management of the same holder.

An *ejidal* holding was defined, for census purposes, as all land provisionally or permanently conceded as one unit to a group of persons (members of the *ejido*) through the Agrarian Law in force during the period 1915-60. Agricultural operations of the *ejido* are generally conducted on a collective basis. In addition, parts of the land may also be distributed for cultivation to individual members of the *ejido*.

Tenure

In the case of holdings operated under more than one tenure form, information was collected on the *predominant* form of tenure.

Holdings owned by the holder or in ownerlike possession include those operated by physical or juridical persons in private ownership. It excludes ejidal holdings.

Holdings rented from others include those rented (a) for a fixed amount of money; and (b) for a share of the produce.

(a) *Holdings rented for a fixed amount of money* mean those operated by civil or juridical persons who, by means of a contract, rented it from others, paying the rent in cash and operating the holding independent of the owner.

(b) *Holdings rented for a share of the produce* mean those operated by physical or juridical persons who have given to the landlord a proportional share of the harvest obtained (a third, a half, etc.) and operated the holding independent of the owner.

Holdings operated by colonos include those possessed and operated by physical persons forming part of an agricultural colony constituted according to the Colonization Law.

Holdings operated by ocupantes include holdings operated by physical persons on state land subject to the National Land Law of 30 December 1950.

Under ejidal form of tenure was included all ejidal land.

Holdings operated under communal form of tenure include those holdings operated by *comuneros*, i.e., persons forming part of a locality with communal rights to operate the land belonging to that locality.

1 - LAND UTILIZATION

Arable land

This includes rainfed land, naturally humid land and irrigated land not belonging to any of the land utilization categories mentioned below. Rainfed land was defined as that which necessarily needs rainwater for the development of crops. Naturally humid land was considered land which, by its location or nature, receives and conserves sufficient humidity for the development of crops. Irrigated land was de-

defined as that which has at its disposal water provided by artificial means (dams, canals, etc.) in sufficient quantity for the development of crops.

Land under permanent crops

This includes the area occupied with cultivated fruits, plantations and agaves.

Permanent meadows and pastures

This includes land with pastures in flat and mountainous areas.

Wood or forest land

This includes forest land, whether timber species are predominant or not, e.g., pine, oak, oyamel (*Pinus religiosa*), ebony, walnut, mahogany, shrubs and brushwood, etc.

All other land

This includes uncultivated productive land and agriculturally unproductive land, e.g., areas with prickly pears and trees like guayule (*Parthenium argentatum*), lechuguilla (*Agave lophanta*), candelilla (*Euphorbia cerifera*), uncultivated fruits, rocky ground, roads, buildings, lakes, saltpeter beds, etc.

2 - CROPS

Data on area and production refer to the agricultural year 1959/60.

In the case of mixed crops, both the area and production were to be reported for the main crop, while only production was to be indicated for the secondary crop.

For successive crops, the area was to be repeated as many times as it was harvested, along with the respective production.

3 - LIVESTOCK AND POULTRY

Data refer to the number of animals on the holding at the date of the census. Production of livestock and poultry products refer to the agricultural year 1959/60.

In the corresponding tables, data on livestock and poultry for population centers are shown

MEXICO

separately and included under the column "All sizes of holdings."

4 - EMPLOYMENT IN AGRICULTURE

Data on this section refer to the agricultural year 1959/60 and include all persons engaged exclusively or predominantly in agricultural activities on the holding.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data on this topic refer to the machines owned by the holder at the census date.

7 - IRRIGATION AND DRAINAGE

Data for the area of land actually irrigated and for the land provided with irrigation facilities

refer to the agricultural year 1959/60. No data were collected for holdings up to 5 ha.

9 - WOOD AND FISHERY PRODUCTS

Data refer to quantities of wood obtained during 1959 within the boundaries of the holding.

* * *

SOURCES: Mexico. Secretaría de Industria y Comercio. Dirección General de Estadística. *IV - Censos Agrícola, ganadero y ejidal 1960. Resumen general.* Mexico, D.F., 1965. For data on 1950: Mexico. Secretaría de Economía. Dirección General de Estadística. *Tercer Censo Agrícola, ganadero y ejidal 1950. Resumen general.* Mexico, D.F., 1956.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos
0 - HOLDER, HOLDING AND TENURE				
Number and area of holdings				
Number	1 365 141	899 108	447 334	18 699
Percentage distribution	100.0	65.8	32.8	1.4
Area	169 084 208	1 328 107	123 259 026	44 497 075
Percentage distribution	100.0	0.8	72.9	26.3
Number and area of holdings, by tenure²				
Holdings owned by the holder or in ownerlike possession				
Number	1 289 979	899 108	390 871	---
Area	96 958 475	1 328 107	95 630 368	---
Holdings rented from others (total)				
Number	33 759	---	33 759	---
Area	7 451 561	---	7 451 561	---
For a fixed amount of money				
Number	(21 213)	(--)	(21 213)	(--)
Area	(6 499 640)	(--)	(6 499 640)	(--)
For a share of the produce				
Number	(12 546)	(--)	(12 546)	(--)
Area	(951 921)	(--)	(951 921)	(--)
Holdings operated by colonos				
Number	8 733	---	8 733	---
Area	1 597 168	---	1 597 168	---
Holdings operated by ocupantes				
Number	5 259	---	5 259	---
Area	3 342 047	---	3 342 047	---
Holdings operated under ejidal form of tenure				
Number	18 699	---	---	18 699
Area	44 497 076	---	---	44 497 076
Holdings operated under communal form of tenure				
Number	1 915	---	1 915	---
Area	8 735 450	---	8 735 450	---
Holdings operated under other forms of tenure				
Number	6 797	---	6 797	---
Area	6 502 431	---	6 502 431	---
1 - LAND UTILIZATION				
Utilization of land in holdings (area)³				
Arable land	22 506 768	1 189 918	11 509 683	9 807 167
Land under permanent crops	1 310 144	79 103	708 961	522 080
Permanent meadows and pastures	79 092 228	35 676	59 442 563	19 613 989
Wood or forest land	43 678 641	6 012	35 642 722	8 029 907
All other land	22 496 427	17 399	15 955 096	6 523 932
2 - CROPS - AREA AND PRODUCTION⁴				
Crops on arable land				
Wheat				
Area (total)	846 162	24 916	506 568	314 678
Wheat under irrigation	(578 104)	(13 321)	(373 163)	(191 620)
Wheat not irrigated	(268 058)	(11 595)	(133 405)	(123 058)
Production	1 135 190	28 334	771 220	335 636
Rice				
Area	96 305	1 389	36 911	58 005
Of which:				
Wet rice	53 620	1 044	21 148	31 428
Production (paddy)	204 544	5 317	71 267	127 960

¹ Partial classification only. - ² In case of holdings under more than one form of tenure, they are classified according to the predominant form of tenure. - ³ In the case of holdings under 5.1 hectares, data refer to the predominant type of land utilization. - ⁴ Data on production of selected crops not cultivated (wild), are given as follows in the national report:

CROP	PRODUCTION Metric tons
Barbasco (<i>Dioscorea macrustachya</i>)	9 224
Candelilla (<i>Euphorbia cerifera</i>)	142 595
Cascalote (<i>Caesalpinia coriaria</i>)	2 873
Chicle (<i>Achras sapota</i>)	1 685
Ixtlé de lechuguilla (<i>Agave lophantha</i>)	10 487
Ixtlé de palma (<i>Hesperaloe funifera</i>)	6 764
Raiz de zacatón (<i>Sporobolus tenacissimus</i>)	3 838
Prickly pears	14 651

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidors
Sorghum				
Area	37 344	109	28 665	8 570
Production	65 896	269	52 835	12 792
Maize, alone or mixed (total)				
Area	6 802 490	672 112	2 916 338	3 214 040
Production	5 705 937	568 664	2 458 211	2 679 062
Hybrid maize				
Area	(308 653)	(47)	(155 537)	(153 069)
Production	(454 054)	(86)	(242 609)	(211 359)
Ordinary maize				
Area	(6 493 837)	(672 065)	(2 760 801)	(3 060 971)
Production	(5 251 883)	(568 578)	(2 215 602)	(2 467 703)
Barley				
Area (total)	231 684	14 598	91 944	125 142
Barley under irrigation	(25 194)	(654)	(16 693)	(7 847)
Barley not irrigated	(206 490)	(13 944)	(75 251)	(117 295)
Production	178 251	7 895	72 803	97 553
Oats				
Area	86 389	769	79 520	6 100
Production	68 640	933	63 194	4 513
Dry broad beans (alone and mixed)				
Area	19 112	190	7 587	11 335
Production	12 534	164	5 444	6 926
Edible dry beans⁵				
Area	68 695	1 564	32 191	34 940
Production	661 680	18 938	302 776	339 966
Lentils				
Area	2 455	122	734	1 599
Production	1 715	100	493	1 122
Chick-peas				
Area	67 390	1 903	14 432	51 055
Production	50 817	1 570	11 717	37 530
Edible dry peas				
Area	4 086	515	2 346	1 225
Production	4 355	599	2 558	1 198
Vetch (blue)				
Area	7 928	367	866	6 695
Production	5 666	257	580	4 829
Potatoes				
Area	32 818	2 724	16 572	13 522
Production	156 916	13 096	83 342	60 478
Sweet potatoes				
Area	9 848	365	3 556	5 927
Production	50 574	1 843	18 438	30 293
Jicama (<i>Pachyrhizus tuberosus</i>)				
Area	767	75	530	162
Production	4 648	565	3 001	1 082
Dry onions				
Area	10 228	596	4 870	4 762
Production	45 184	2 712	19 694	22 778
Dry garlic				
Area	7 752	358	4 621	2 773
Production	16 768	799	10 334	5 635
Beets for feed				
Area	2 846	96	1 746	1 004
Production	55 632	1 687	34 058	19 887

¹ Partial classification only. - ⁵ Area refers to beans grown alone, except for holdings under 5.1 hectares. Production covers both beans grown alone and mixed.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos
Sugarcane				
Area (total)	301 577	8 820	148 023	144 734
Irrigated	(106 121)	(3 410)	(50 005)	(52 706)
Not irrigated	(195 456)	(5 410)	(98 018)	(92 028)
Production	12 851 604	425 757	6 300 727	6 125 120
Cotton				
Area (total)	752 156	3 324	486 239	262 593
Irrigated	(603 742)	(2 839)	(416 254)	(184 649)
Not irrigated	(148 414)	(485)	(69 985)	(77 944)
Production (unginned)	1 037 966	4 897	670 472	362 597
Groundnuts (peanuts)				
Area	38 390	2 520	13 088	22 782
Production	42 037	3 000	14 388	24 649
Linseed				
Area	20 572	102	8 961	11 509
Production	20 712	74	8 741	11 897
Castor beans				
Area	1 866	299	760	807
Production	1 613	231	922	460
Sesame				
Area	221 226	5 139	61 676	154 411
Production	142 376	3 384	45 580	93 412
Dry chilies				
Area	21 531	149	12 467	8 915
Production	14 017	111	7 862	6 044
Tobacco				
Area	33 948	324	8 521	25 103
Production (leaves)	37 337	298	8 137	28 902
Broom sorghum				
Area	5 428	55	4 945	428
Production	20 337	188	18 534	1 615
Alfalfa (green)				
Area	81 991	6 743	57 948	17 300
Production	3 170 649	250 717	2 263 149	656 783
Chick-peas for forage				
Area	61 756	131	21 156	40 469
Production	34 267	98	11 733	22 436
Sorghum for fodder				
Area	25 062	777	21 161	3 124
Production	231 695	5 846	199 895	25 954
Maize for fodder				
Area	38 998	594	34 815	3 589
Production	535 824	8 444	485 475	41 905
Watermelons				
Area	9 268	324	3 204	5 740
Production	64 605	2 154	21 222	41 229
Melons				
Area	5 871	76	4 395	1 400
Production	29 636	603	20 997	8 036
Tomatoes				
Area	41 645	879	28 009	12 757
Production	235 043	4 436	168 105	62 502
Strawberry tomato (<i>Physalis pubescens</i>)				
Area	12 213	275	7 739	4 199
Production	28 237	987	17 689	9 561
Chilies (fresh)				
Area	29 783	872	14 960	13 951
Production	63 753	1 953	32 734	29 066

¹ Partial classification only.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos
Broad beans (harvested green)				
Area	6 279	912	1 014	4 353
Production	7 215	1 274	1 075	4 866
Other vegetables for human consumption				
Area	10 085	522	5 376	4 187
Flowers (for sale)				
Area	894	158	599	137
Other crops on arable land				
Area	37 330	5 246	25 024	7 060
Permanent crops				
Oranges				
Area	68 489	4 551	49 998	13 940
Total number of trees	10 642 449	726 851	7 662 663	2 252 935
Of productive age	(6 268 745)	(411 166)	(4 608 369)	(1 249 210)
Of nonproductive age	(4 373 704)	(315 685)	(3 054 294)	(1 003 725)
Production	368 621	29 926	245 217	93 478
Lemons				
Area	13 577	403	8 778	4 396
Total number of trees	2 005 242	66 456	1 271 477	667 309
Of productive age	(1 357 535)	(35 764)	(961 252)	(360 519)
Of nonproductive age	(647 707)	(30 692)	(310 225)	(306 790)
Production	53 580	1 401	38 234	13 945
Grapefruit				
Area	594	12	570	12
Total number of trees	86 815	1 925	82 980	1 910
Of productive age	(63 406)	(1 538)	(60 957)	(911)
Of nonproductive age	(23 409)	(387)	(22 023)	(999)
Production	3 074	83	2 952	39
Limes				
Area	846	167	410	269
Total number of trees	127 827	25 650	61 643	40 534
Of productive age	(76 846)	(14 611)	(41 316)	(20 919)
Of nonproductive age	(50 981)	(11 039)	(20 327)	(19 615)
Production	3 481	766	1 780	935
Apples				
Area	18 992	1 299	13 887	3 806
Total number of trees	4 878 190	406 210	3 518 871	953 109
Of productive age	(2 310 927)	(193 326)	(1 726 767)	(390 834)
Of nonproductive age	(2 567 263)	(212 884)	(1 792 104)	(562 275)
Production	82 450	8 155	61 593	12 702
Pears				
Area	2 666	313	1 922	431
Total number of trees	669 831	78 813	477 712	113 306
Of productive age	(349 034)	(33 398)	(263 153)	(52 483)
Of nonproductive age	(320 797)	(45 415)	(214 559)	(60 823)
Production	13 438	1 479	10 129	1 830
Quinces				
Area	1 517	198	893	426
Total number of trees	609 401	79 802	359 670	169 929
Of productive age	(310 837)	(19 313)	(213 925)	(77 599)
Of nonproductive age	(298 564)	(60 489)	(145 745)	(92 330)
Production	10 026	901	7 034	2 091
Apricots				
Area	439	29	245	165
Total number of trees	175 129	12 700	96 943	65 486
Of productive age	(89 979)	(5 990)	(52 154)	(31 835)
Of nonproductive age	(85 150)	(6 710)	(44 789)	(33 651)
Production	2 610	202	1 489	919
Peaches				
Area	8 897	654	3 564	4 679
Total number of trees	3 569 367	264 458	1 448 156	1 856 753
Of productive age	(1 749 206)	(62 060)	(768 527)	(918 619)
Of nonproductive age	(1 820 161)	(202 398)	(679 629)	(938 134)
Production	49 915	2 764	21 570	25 581

¹ Partial classification only.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidors
Plums (incl. hog plums)				
Area	6 106	697	2 820	2 589
Total number of trees	1 852 824	215 557	873 552	763 715
Of productive age	(900 396)	(77 887)	(514 560)	(307 949)
Of nonproductive age	(952 428)	(137 670)	(358 992)	(455 766)
Production (cultivated)	25 911	2 514	15 081	8 316
Production (wild) .....	...	...	80	77
Dates				
Area	828	160	501	167
Total number of trees	171 898	36 021	98 953	36 924
Of productive age	(93 593)	(23 927)	(52 654)	(17 012)
Of nonproductive age	(78 305)	(12 094)	(46 299)	(19 912)
Production	2 656	840	1 353	463
Figs				
Area	726	54	428	244
Total number of trees	168 054	12 328	101 217	54 509
Of productive age	(79 985)	(5 182)	(49 569)	(25 234)
Of nonproductive age	(88 069)	(7 146)	(51 648)	(29 275)
Production	1 813	175	1 100	538
Mangoes				
Area	18 072	2 522	7 729	7 821
Total number of trees	2 711 937	379 465	1 171 868	1 160 604
Of productive age	(1 427 160)	(172 602)	(617 717)	(636 841)
Of nonproductive age	(1 284 777)	(206 863)	(554 151)	(523 763)
Production	165 308	19 935	67 368	78 005
Avocados				
Area	26 769	2 728	21 080	2 961
Total number of trees	4 020 619	410 851	3 171 522	438 246
Of productive age	(1 750 952)	(112 235)	(1 439 968)	(198 749)
Of nonproductive age	(2 269 667)	(298 616)	(1 731 554)	(239 497)
Production	119 255	8 010	95 822	15 423
Guavas				
Area	1 779	356	920	503
Total number of trees	706 549	139 296	366 913	200 340
Of productive age	(378 093)	(84 167)	(202 213)	(91 713)
Of nonproductive age	(328 456)	(55 129)	(164 700)	(108 627)
Production (cultivated)	12 692	3 949	6 591	2 152
Production (wild) .....	...	...	24	598
Pomegranates				
Area	481	88	188	205
Total number of trees	214 964	39 722	82 858	92 384
Of productive age	(99 572)	(7 799)	(45 967)	(45 806)
Of nonproductive age	(115 392)	(31 923)	(36 891)	(46 578)
Production	3 378	367	1 531	1 480
Marmalade plum				
Area	1 830	282	1 125	423
Total number of trees	270 933	42 234	166 846	61 853
Of productive age	(103 317)	(5 779)	(67 567)	(29 971)
Of nonproductive age	(167 616)	(36 455)	(99 279)	(31 882)
Production	11 598	852	7 158	3 588
Passion fruit				
Area	262	26	137	99
Total number of vines	122 861	10 957	63 098	48 806
Of productive age	60 719	2 042	37 019	21 658
Of nonproductive age	62 142	8 915	26 079	27 148
Production	1 873	115	1 206	552
Other fruit trees²				
Area	1 021	146	452	423
Total number of trees	181 638	23 091	72 770	85 777
Of productive age	(67 270)	(8 491)	(36 348)	(22 431)
Of nonproductive age	(114 368)	(14 600)	(36 422)	(63 346)
Walnuts				
Area	1 157	411	469	277
Total number of trees	133 421	42 088	61 918	29 415
Of productive age	(52 421)	(13 652)	(25 702)	(13 067)
Of nonproductive age	(81 000)	(28 436)	(36 216)	(16 348)
Production	1 882	569	846	467

¹ Partial classification only. - ² Includes cherimoyer and anona (*Anona* spp.), yellow zapote (*Lucuma salicifolia*), white zapote (*Diospyros blancoi*) and black zapote (*Diospyros ebenaster*).

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos
Pecan nuts				
Area	1 422	220	1 109	93
Total number of trees	143 303	22 749	110 926	9 628
Of productive age	(67 509)	(7 802)	(54 274)	(5 433)
Of nonproductive age	(75 794)	(14 947)	(56 652)	(4 195)
Production	2 578	373	1 964	241
Strawberries				
Area	4 166	58	2 992	1 116
Production	16 049	218	11 152	4 679
Bananas				
Area	49 230	551	24 327	24 352
Total number of plants	19 605 673	220 531	9 811 965	9 573 177
Of productive age	(13 249 760)	(88 776)	(7 129 377)	(6 031 607)
Of nonproductive age	(6 355 913)	(131 755)	(2 682 588)	(3 541 570)
Production	343 074	2 680	172 041	168 353
Plantains				
Area	45 241	1 944	17 363	25 934
Total number of plants	18 169 293	767 222	7 070 073	10 331 998
Of productive age	(12 141 961)	(481 621)	(4 636 018)	(7 024 322)
Of nonproductive age	(6 027 332)	(285 601)	(2 434 055)	(3 307 676)
Production	280 818	13 208	97 055	170 555
Pineapples				
Area	9 757	43	7 030	2 684
Production	154 081	689	100 957	52 435
Papayas				
Area	2 926	34	1 557	1 335
Total number of trees	1 356 382	17 583	778 161	560 638
Of productive age	(821 030)	(6 179)	(499 867)	(314 984)
Of nonproductive age	(535 352)	(11 404)	(278 294)	(245 654)
Production	32 023	249	17 948	13 826
Grapes (total)				
Area	16 844	128	16 096	620
Total number of vines	20 999 764	159 370	20 070 959	769 435
Of productive age	(13 945 548)	(89 996)	(13 398 128)	(457 424)
Of nonproductive age	(7 054 216)	(69 374)	(6 672 831)	(312 011)
Production	62 632	360	60 519	1 753
<i>Grapes for wine</i>				
Area	9 507	47	9 365	95
Total number of vines	11 995 833	59 097	11 821 369	115 367
Of productive age	(8 041 369)	(28 658)	(7 957 818)	(54 893)
Of nonproductive age	(3 954 464)	(30 439)	(3 863 551)	(60 474)
Production	36 840	115	36 520	205
<i>Grapes for table use</i>				
Area	7 337	81	6 731	525
Total number of vines	9 003 931	100 273	8 249 590	654 068
Of productive age	(5 904 179)	(61 338)	(5 440 310)	(402 531)
Of nonproductive age	(3 099 752)	(38 935)	(2 809 280)	(251 537)
Production	25 792	245	23 999	1 548
Vanilla				
Area	8 940	117	3 316	5 507
Total number of vines	21 260 330	304 572	8 299 988	12 655 770
Of productive age	(7 228 512)	(259 539)	(2 885 869)	(4 083 104)
Of nonproductive age	(14 031 818)	(45 033)	(5 414 119)	(8 572 666)
Production (green)	800	34	259	507
Coffee				
Area	380 984	45 843	223 295	111 846
Total number of trees	404 461 149	44 057 663	241 082 558	119 320 928
Of productive age	(258 739 415)	(26 064 146)	(161 276 090)	(71 399 179)
Of nonproductive age	(145 721 734)	(17 993 517)	(79 806 468)	(47 921 749)
Production (cherries)	570 233	61 805	354 589	153 839
Cocoa				
Area	58 006	6 129	40 260	11 617
Total number of trees	51 553 044	6 247 048	33 683 963	11 622 033
Of productive age	(34 743 131)	(5 246 554)	(22 460 973)	(7 035 604)
Of nonproductive age	(16 809 913)	(1 000 494)	(11 222 990)	(4 586 429)
Production (beans)	14 356	2 387	9 183	2 786

¹ Partial classification only.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos
Olives				
Area	3 082	27	2 834	221
Total number of trees	319 186	2 653	290 930	25 603
Of productive age	(205 146)	(1 423)	(185 564)	(18 159)
Of nonproductive age	(114 040)	(1 230)	(105 366)	(7 444)
Production	5 230	42	4 737	451
Coconuts				
Area	151 139	3 101	106 930	41 108
Total number of trees	14 957 934	313 466	10 532 607	4 111 861
Of productive age	(8 288 455)	(241 201)	(5 812 921)	(2 234 333)
Of nonproductive age	(6 669 479)	(72 265)	(4 719 686)	(1 877 528)
Production	739 245	17 135	537 976	184 134
Oil palms				
Area	4 752	61	3 057	1 634
Total number of trees	1 094 810	13 946	712 686	368 178
Of productive age	(538 420)	(12 821)	(379 122)	(146 477)
Of nonproductive age	(556 390)	(1 125)	(333 564)	(221 701)
Production (cultivated)	2 802	56	1 959	787
Production (wild) .....	...	...	601	1 356
Henequen				
Area sown	326 107	1 447	96 061	228 599
Area harvested	228 790	1 113	68 022	159 655
Other agave plants for fiber				
Area sown	1 283	136	104	1 043
Area harvested	674	—	66	608
Pulque (<i>Agave spp.</i>)				
Area	54 818	3 138	32 558	19 122
Total number of plants	27 567 212	1 569 192	16 341 693	9 656 327
Of productive age	(6 352 417)	(—)	(4 484 586)	(1 867 831)
Of nonproductive age	(21 214 795)	(1 569 192)	(11 857 107)	(7 788 496)
Tequila (<i>Agave spp.</i>)				
Area	4 034	14	3 822	198
Total number of plants	10 437 299	32 880	9 908 919	495 500
Of productive age	(2 118 689)	(—)	(2 078 499)	(40 190)
Of nonproductive age	(8 318 610)	(32 880)	(7 830 420)	(455 310)
Mezcal (<i>Agave spp.</i>)				
Area	19 420	197	17 138	2 085
Total number of plants	48 095 160	439 088	42 455 479	5 200 593
Of productive age	(6 317 440)	(—)	(5 371 468)	(945 972)
Of nonproductive age	(41 777 720)	(439 088)	(37 084 011)	(4 254 621)
Other agave plants for alcoholic beverages				
Area	120	6	—	114
Other permanent crops				
Area	4 491	437	1 685	2 369

¹ Partial classification only.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding ¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos	In population centers
3 - LIVESTOCK AND POULTRY					
Horses, mules and asses					
Horses					
Total number of horses	3 467 596	240 980	948 882	1 479 808	797 926
Young stock under 1 year of age	(259 522)	(32 983)	(74 065)	(101 156)	(51 318)
Horses 1 year of age but under 4 years	(458 801)	(30 771)	(129 918)	(202 225)	(95 887)
Horses 4 years of age and over	(2 749 273)	(177 226)	(744 899)	(1 176 427)	(650 721)
Mules					
Number of mules	1 506 678	121 985	481 945	582 912	319 836
Asses					
Number of asses	2 207 724	292 856	262 620	956 691	695 557
Cattle					
Total number of cattle	17 668 756	1 157 482	10 261 555	3 884 669	2 365 050
Cattle under 2 years of age	5 295 153	284 692	3 204 703	1 173 964	631 794
Calves under 1 year of age	(3 219 523)	(188 300)	(1 920 723)	(711 866)	(398 634)
Young stock 1 year of age and under 2 years	(2 075 630)	(96 392)	(1 283 980)	(462 098)	(233 160)
Cattle 2 years of age and over	12 373 603	872 790	7 056 852	2 710 705	1 733 256
Cows	(6 908 752)	(396 524)	(4 059 340)	(1 461 391)	(991 497)
Bulls used for service	(604 067)	(43 127)	(306 123)	(112 344)	(142 473)
Cattle raised primarily for meat production	(729 035)	(30 752)	(564 854)	(83 062)	(50 367)
Cattle intended primarily for use as draft animals	(1 659 325)	(295 863)	(471 438)	(588 078)	(303 946)
Other cattle	(2 472 424)	(106 524)	(1 655 097)	(465 830)	(244 973)
Milk production (thousand liters)	3 509 346	202 737	2 201 238	602 258	503 113
Cheese production	19 210	892	11 721	5 206	1 391
Butter production	896	128	298	207	263
Sheep					
Total number of sheep	5 169 497	691 742	1 559 211	1 938 987	979 557
Lambs under 6 months of age	825 068	65 981	266 651	386 408	106 028
Lambs 6 months of age and sheep under 2 years	1 076 485	165 512	352 556	382 397	176 020
Sheep 2 years of age and over	3 267 944	460 249	940 004	1 170 182	697 509
Male	(763 528)	(123 969)	(162 650)	(216 796)	(260 113)
Female	(2 504 416)	(336 280)	(777 354)	(953 386)	(437 396)
Wool production (grease)	5 323	729	1 576	1 877	1 141
Goats					
Total number of goats	9 731 880	752 468	2 758 218	3 792 585	2 428 609
Kids under 6 months of age	1 950 507	159 458	606 950	867 960	316 139
Goats 6 months of age and under 2 years	1 907 091	128 499	514 858	777 279	486 455
Goats 2 years of age and over	5 874 282	464 511	(1 636 410)	2 147 346	1 626 015
Male	(849 972)	(85 472)	(197 187)	(203 013)	(364 300)
Female	(5 024 310)	(379 039)	(1 439 223)	(1 944 333)	(1 261 715)
Pigs					
Total number of pigs	5 988 348	438 416	997 887	2 140 695	2 411 350
Pigs under 6 months of age	(1 928 398)	(151 865)	(338 344)	(684 532)	(753 657)
Pigs 6 months of age and over	(4 059 950)	(286 551)	(659 543)	(1 456 163)	(1 657 693)
Poultry					
Number of chickens	54 127 133	7 940 232	11 653 347	16 521 449	18 012 105
Number of ducks	680 621	52 893	143 345	164 886	319 497
Number of geese	86 262	7 846	17 836	19 692	40 888
Number of turkeys	2 773 620	288 440	273 389	907 823	1 303 968
Egg production (thousands)	3 224 312	475 546	1 179 330	676 420	893 016
Bees					
Number of beehives	1 114 287	102 660	317 732	360 270	333 625
Honey production (thousand liters)	17 262	1 088	4 710	3 088	8 376
Beeswax production	2 851	308	779	671	1 093

¹ Partial classification only.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

MEXICO

Classified by size of holding¹

	All sizes of holdings	Under 5.1 ha	5.1 ha and over	Ejidos
4 - EMPLOYMENT IN AGRICULTURE				
Persons employed in agricultural work on the holding				
All persons	7 862 290	2 104 546	72 212 634	3 545 110
Holders and members of their families	5 970 103	2 104 546	995 442	82 870 115
Male	...	...	834 262	2 537 687
Under 15 years of age	(...)	(...)	(115 575)	(215 202)
15 years of age and over	(...)	(...)	(718 687)	(2 322 485)
Female	...	...	161 180	332 428
Under 15 years of age	(...)	(...)	(45 592)	(98 818)
15 years of age and over	(...)	(...)	(115 588)	(233 610)
Persons working for pay on the holding	...	...	1 099 796	674 995
Male	...	...	1 023 028	627 119
Under 15 years of age	(...)	(...)	(59 914)	(56 944)
15 years of age and over	(...)	(...)	(963 114)	(570 175)
Female	...	...	76 768	47 876
Under 15 years of age	(...)	(...)	(14 326)	(12 891)
15 years of age and over	(...)	(...)	(62 442)	(34 985)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES				
Use and source of power on the holding				
Number of holdings reporting the use of:				
Mechanical power	...	5 225	31 254	...
Animal power	803 992	550 649	239 218	14 125
Animal and mechanical power	28 770	7 498	17 528	3 744
Selected agricultural equipment owned by the holder (number)				
Motors	...	...	11 946	6 215
Tractors	...	...	43 501	11 036
Disk plows	...	...	45 134	16 838
Harrows	83 900	8 157	43 561	32 182
Seed drills	92 592	7 202	53 234	32 156
Cultivators	224 163	15 145	103 275	105 743
Mowers	...	...	6 467	3 582
Combines (harvester-threshers)	...	...	3 314	526
threshers (engine-operated)	...	...	4 921	452
Corn shellers (total)	...	...	9 515	4 166
Hand-operated	(...)	(...)	(5 650)	(2 967)
Engine-operated	(...)	(...)	(3 865)	(1 199)
Forage cutters	...	...	5 189	862
Hay balers	...	...	3 580	1 204
Carts and wheelbarrows	...	...	99 343	111 379
Trucks	...	...	43 501	11 036
7 - IRRIGATION AND DRAINAGE				
Land actually irrigated				
Area	...	...	1 572 722	902 727
Land provided with irrigation facilities				
Area (total)	...	...	1 950 593	1 427 950
Land provided with irrigation facilities, by source of water				
Area supplied with water from the holding itself	(...)	(...)	(749 173)	(340 357)
Area supplied with water from outside the holding	(...)	(...)	(1 048 146)	(681 495)
Area supplied with water from inside and outside the holding	(...)	(...)	(153 274)	(406 098)
Land provided with irrigation facilities, by method of irrigation				
Area supplied with water by gravity flow	(...)	(...)	(1 071 481)	(800 733)
Area supplied with water by pumping from surface water sources	(...)	(...)	(110 202)	(59 102)
Area supplied with water by pumping from groundwater	(...)	(...)	(485 041)	(105 701)
Area supplied with water by other means	(...)	(...)	(283 869)	(462 414)
Area of land provided with drainage facilities	...	...	234 678	196 632
9 - WOOD AND FISHERY PRODUCTS				
Wood products obtained from the holding during the year				
Firewood (cubic meters)	...	...	1 952 916	2 179 356
Charcoal (metric tons)	...	...	26 543	13 254
Logs and other roundwood (cubic meters)	...	...	2 052 644	105 980

¹ Partial classification only. - ² Including 117,396 sharecroppers under supervision of the holders not distributed below. - ³ Including ejidatarios (i.e., members of the ejidos) and unpaid members of their families working on ejidos.

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 5.1 ha	5.1 and under 10.1 ha	10.1 and under 25.1 ha	25.1 and under 50.1 ha
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings					
Number	1 365 141	899 108	94 319	132 335	70 250
Percentage distribution	100.0	65.9	6.9	9.7	5.1
Area	169 084 208	1 328 107	678 912	2 104 884	2 489 614
Percentage distribution	100.0	0.8	0.4	1.2	1.5

MEXICO

Classified by size of holding

TOTAL AREA OF HOLDING

0.1 and under 100.1 ha	100.1 and under 200.1 ha	200.1 and under 500.1 ha	500.1 and under 1 000.1 ha	1 000.1 and under 5 000.1 ha	5 000.1 ha and over	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
59 091 4.3	42 264 3.1	30 382 2.2	14 792 1.1	17 036 1.3	5 564 0.4	Number Percentage distribution
4 169 383 2.5	5 845 656 3.4	9 491 675 5.6	10 436 370 6.2	39 904 860 23.6	92 634 747 54.8	Area Percentage distribution

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

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	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings, by size					
All sizes of holdings					
Number	1 383 212	1 365 141			
Area	145 516 943	169 084 208			
Holdings under 5.1 ha					
Number	1 004 839	899 108			
Area	1 362 818	1 328 107			
Holdings 5.1 and under 10.1 ha					
Number	90 216	94 319			
Area	702 836	678 912			
Holdings 10.1 and under 25.1 ha					
Number	101 143	132 335			
Area	1 708 778	2 104 884			
Holdings 25.1 and under 50.1 ha					
Number	59 605	70 250			
Area	2 236 727	2 489 614			
Holdings 50.1 and under 100.1 ha					
Number	43 568	59 091			
Area	3 303 970	4 169 383			
Holdings 100.1 and under 200.1 ha					
Number	28 585	42 264			
Area	4 211 875	5 845 656			
Holdings 200.1 and under 500.1 ha					
Number	24 247	30 382			
Area	8 057 287	9 491 675			
Holdings 500.1 and under 1 000.1 ha					
Number	11 469	14 792			
Area	8 359 041	10 436 370			
Holdings 1 000.1 and under 5 000.1 ha					
Number	14 802	17 036			
Area	33 756 919	39 904 860			
Holdings 5 000.1 ha and over					
Number	4 738	5 564			
Area	81 816 692	92 634 747			
Average size of holding	105.2	123.9			
1 - LAND UTILIZATION					
Utilization of land in holdings (area)					
Arable land	19 109 061	22 506 768			
Land under permanent crops	819 200	1 310 144			
Permanent meadows and pastures	67 379 042	79 092 228			
Wood or forest land	38 835 781	43 678 641			
All other land	19 373 859	22 496 427			
2 - CROPS - AREA AND PRODUCTION					
Crops on arable land					
Wheat					
Area	537 626	846 162			
Production	518 810	1 135 190			
Rice					
Area	86 967	96 305			
Production (paddy)	169 965	204 544			
Maize (alone or mixed)					
Area	5 726 777	6 802 490			
Production	4 528 687	5 705 937			
Barley					
Area	165 985	231 684			
Production	118 614	178 251			
			Sugarcane		
			Area	203 788	301 577
			Production	10 642 475	12 851 604
			Cotton		
			Area	539 377	752 156
			Production (unginned)	515 150	1 037 966
			Linseed		
			Area	28 106	20 572
			Production	23 748	20 712
			Sesame		
			Area	188 459	221 226
			Production	86 688	142 376
			Tobacco		
			Area	25 830	33 948
			Production (leaves)	26 441	37 337
			Permanent crops		
			Oranges		
			Area	45 406	68 489
			Production	408 454	368 621
			Apples		
			Area	8 799	18 992
			Production	32 316	82 450
			Mangoes		
			Area	7 473	18 072
			Production	43 812	165 308
			Bananas		
			Area	42 017	49 230
			Production	276 737	343 074
			Coffee		
			Area	187 958	380 984
			Production (cherries)	267 159	570 233
			Cocoa		
			Area	30 114	58 006
			Production (beans)	7 760	14 356
			Coconuts		
			Area	75 358	151 139
			Production	351 130	739 245
			3 - LIVESTOCK AND POULTRY		
			Horses, mules and asses		
			Horses		
			Number of horses	3 581 115	3 467 596
			Mules		
			Number of mules	1 539 124	1 506 678
			Asses		
			Number of asses	2 767 991	2 207 724
			Cattle		
			Number of cattle	15 713 091	17 668 756
			Sheep		
			Number of sheep	5 086 268	5 169 497
			Goats		
			Number of goats	8 521 854	9 731 880
			Pigs		
			Number of pigs	6 896 230	5 988 348

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Date of the census and time reference

The agricultural census was taken in two parts. The first was conducted from 8 May to 6 June 1959. This part covered the following items: number and area of holdings, fragmentation, age of the holder, main occupation of the holder, tenure, land utilization, principal crops, livestock and poultry, and farm population. The results are reported as "1959 Census" in the accompanying tables.

The second part was taken from 2 May to 8 June 1960 and covered, in addition to the items usually included in the annual agricultural censuses, information on agricultural machinery, and further was preceded by an enumeration of employment in agriculture during the period January to May 1960. These data are reported as "1960 Census" in the tables.

Time reference for most of the items is the date of enumeration, with the exception of those employed in agriculture, which refer to the period 1 December 1958 to 1 December 1959.

Method of collection and processing of census data

As in the case of the regular annual agricultural censuses, those of 1959 and 1960 were carried out by the staff of the Provincial Food Commissioners of the Ministry of Agriculture and Fisheries. This service ensured a uniform and correct application of the instructions for the census prepared by the Central Bureau of Statistics.

The information on the holdings has been supplied by the holders who were called for this purpose on special days to the office of local officials of the Food Commissioner's Service. The data obtained were processed by the Central Bureau of Statistics.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holding

The 1959 Census covered all persons or establishments that were wholly or partly engaged in agriculture, and at the same time :

- (a) either used at least 1 ha of agricultural land;
- (b) operated a market garden (regardless of the size);
- (c) kept at least 1 head of cattle, 1 pig for breeding, 3 pigs for fattening, 3 sheep or at least 51 chickens or ducks.

The 1960 Census also included, insofar as the number of agricultural machines is concerned, all contractors as well as co-operatives and other bodies which operated or rented out agricultural machinery.

Area of the holding. The main classification of holdings by size was based on agricultural area. Agricultural area, for the purpose of the census, was the area permanently or temporarily part of a holding and mainly intended for the production of agricultural, horticultural or livestock commodities for sale. It included land temporarily fallow.

Parcel. A parcel was considered a piece of agricultural land belonging to the holding and surrounded on all sides by land operated by others.

Adjacent pieces of agricultural land belonging to the same holding were also considered as a parcel even if they were separated by ditches, footpaths, ordinary country roads, etc. If, however, the pieces were separated in such a way

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that communications between various parts were considerably impeded (for instance, because a canal, a railway or a highway cut through the land), each piece was considered as a separate parcel.

Main occupation of the holder. The occupation which demanded the maximum working time was considered as the main occupation of the holder.

Tenure

Area owned by the holder or in ownerlike possession included all area owned and land under hereditary tenure, usufruct and perpetual lease at a fixed rent.

Area rented from others included also area operated under sharecropping arrangements.

1 - LAND UTILIZATION, 1959

Data under this section included double counts for areas under arable land, horticultural land and permanent meadows and pastures cultivated in association with fruit trees.

Arable land

This included pure stands of field crops as well as those grown in orchards and also fallow land and temporary grassland. The latter was considered to be grassland included in the normal rotation and which was to be plowed within five years. It excluded all horticultural land.

Horticultural land

This included the area under all horticultural crops in the open and under glass: vegetables, early potatoes, onions, pome and stone fruits, small fruits, flower bulbs and tubers, flower nurseries, tree nurseries and horticultural seeds, all insofar as grown for commercial purposes.

Permanent meadows and pastures

This includes grass growing in orchards, provided that it was cut for hay or was pastured, and the grass areas of forest land, verges of roads, etc.

1 - LAND UTILIZATION, 1960

Agricultural land

This includes the total of arable land, horticultural land and permanent meadows and pastures.

Wood or forest land

This includes the area of forest, osiers, shelterbelts wider than 4 meters, as well as of coppices.

Other land

This includes home and kitchen gardens, farmyards, roads, wasteland, heath land, reed land, muddy flats, ponds, fens, etc.

2 - CROPS

In general, area figures refer to crops which were in the field at the time of enumeration. Second crops were excluded.

3 - LIVESTOCK AND POULTRY

In general, there were included all animals owned by the holder regardless of the place where they were kept. However, for pigs and poultry, all animals present on the holding were included, regardless of ownership.

4 - EMPLOYMENT IN AGRICULTURE

All persons who carried out agricultural or horticultural activities on the holding have been considered as employed in agriculture and horticulture.

Agricultural and horticultural activities comprised supervision of work on the holding as well as the necessary administrative work. Work in the household and work carried out on the holding by artisans were not included. Excluded were also laborers on reclamation works and those working in forestry, osiers and reed lands.

As permanently employed were considered those persons who worked during the whole year on the same holding and spent on this at least one third of the total working time.

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All other employed persons were considered as temporarily employed.

Family workers included, in general, the holder, except in the case where a person was a wage or salary earner. Also included were the wife of the holder, his children and all other family members working on the holding, provided they were also living there.

5 - FARM POPULATION

In the household were included all persons living on a holding, regardless of whether they did or did not keep a common household or live together as a family. Persons connected with holdings of monasteries, institutions, firms, joint-stock companies and similar bodies were, however, excluded.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

The number of machines refers to the total of machines owned by the holder, and to those jointly owned with others (to be reported only on the holding where they had been last on 2 May 1960). The machines owned by co-operatives and those owned by contractors are excluded from the main tables but information for selected items is shown in footnote 6 to page 68.

* * *

SOURCES: Netherlands. Centraal Bureau voor de Statistiek. *Landbouwtelling 1960*. Deel 1, Zeist, 1962; Deel 2, Zeist, 1963. For data on 1950, see FAO. *Report on the 1950 World Census of Agriculture*. Volume I. *Census results by countries*, Rome, 1955.

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Area: in hectares

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and agricultural area of holdings - 1959 Census

Number	308 054
Area	2 309 812

Number and total area of holdings - 1960 Census

Number	300 702
Area (gross)	2 658 297

Fragmentation - 1959 Census

Number of holdings reporting	290 723
Number of parcels in the holdings reporting	952 113
Average number of parcels per holding	3.3
Number of holdings consisting of:	
1 parcel	109 771
2-3 parcels	117 373
5-9 parcels	47 409
10 parcels and over	16 170

Age of the holder - 1959 Census

Total number of holders reporting	305 492
Number of holders	
Under 30 years of age	(15 958)
30-39 years of age	(52 415)
40-49 years of age	(70 706)
50-64 years of age	(115 001)
65 years of age and over	(51 412)

Main occupation of the holder - 1959 Census

Number of holders with agricultural main occupation	226 771
Number of holders with nonagricultural main occupation	81 283

Number and agricultural area of holdings, by tenure - 1959 Census

Holdings operated under one form of tenure	
Holdings owned by the holder or in ownerlike possession	
Number	107 928
Area	625 820
Holdings rented from others	
Number	88 407
Area	779 535
Holdings operated under more than one form of tenure	
50% or more of area owned by the holder or in ownerlike possession	
Number	51 976
Area	497 818
50% or more of area rented from others	
Number	42 412
Area	406 639

Agricultural area in holdings, by tenure - 1959 Census

Area owned by the holder or in ownerlike possession	1 098 816
Area rented from others	1 210 996

1 - LAND UTILIZATION

Utilization of agricultural land in holdings (area) - 1959 Census¹

Cropland ²	1 058 267
Arable land	(930 071)
Horticultural land	(128 196)
Permanent meadows and pastures	1 274 750

Utilization of total land in holdings (area) - 1960 Census

Agricultural land (gross area)	2 409 319
Wood or forest land	81 458
Other land	167 520

2 - CROPS - AREA

Crops on arable land - 1959 Census

Wheat

Area (total)	120 392
--------------------	---------

Winter wheat

Number of holdings reporting	22 373
Area	(60 715)

Spring wheat

Number of holdings reporting	22 036
Area	(59 677)

Rye

Number of holdings reporting	105 402
Area	143 824

Maize

Area	620
------------	-----

Barley

Area (total)	72 335
--------------------	--------

Winter barley

Number of holdings reporting	4 839
Area	(8 363)

Spring barley

Number of holdings reporting	35 955
Area	(63 972)

Oats

Number of holdings reporting	95 757
Area	125 527

Mixed grains

Number of holdings reporting	35 446
Area	42 934

Dry broad beans

Area	1 813
------------	-------

Edible dry beans

Number of holdings reporting	6 424
Area	3 735

Edible dry peas

Area	10 311
------------	--------

Potatoes³

Area	145 570
------------	---------

Beets for feed

Area	42 489
------------	--------

Roots for chicory

Area	2 586
------------	-------

Other tuber and root crops

Area	1 064
------------	-------

Sugar beets

Number of holdings reporting	59 996
Area	92 981

¹ Information includes 23,204 hectares due to double counting (field crops grown in orchards). - ² Including temporary grassland. - Includes 9,524 hectares under early potatoes (1960 Census).

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Area: in hectares

Not classified by size of holding

Flax		Flower bulbs	
Number of holdings reporting	5 223	Number of holdings reporting	13 739
Area	15 123	Area	10 417
Mustard seed		Crops grown for seed ⁴	
Area	188	Area	17 434
Poppy seed		Green manure crops	
Area	5 375	Area	334
Rapeseed or colza		Permanent crops - 1960 Census	
Area	2 621	Apples	
Canary seed		Area	35 599
Area	88	Pears	
Caraway seed		Area	10 833
Area	2 627	Cherries	
Other oilseed and fiber crops		Area	3 373
Area	158	Plums	
Alfalfa for fodder		Area	2 402
Area	5 617	Other pome and stone fruits	
Clover for fodder		Area	300
Area	5 911	Strawberries in the open	
Other green fodder crops		Area	4 883
Area	707	Strawberries under glass	
Horticultural crops - 1960 Census		Area	127
Cabbage		Raspberries	
Area	641	Area	1 319
Asparagus		Gooseberries	
Area	3 684	Area	196
Gherkins		Currants	
Area	1 187	Area	3 012
Melons under glass		Other small fruits	
Area	178	Area	190
Cucumbers under glass		Grapes cultivated under glass	
Area	646	Area	383
Tomatoes under glass		Other fruit crops under glass	
Area	2 589	Area	85
Other vegetables under glass		Tree nurseries	
Area	477	Area	2 958
Sown onions (incl. silver onions)			
Area	5 949	3 - LIVESTOCK AND POULTRY - 1959 Census	
Cauliflower		Horses	
Area	1 959	Number of holdings reporting	127 438
Other vegetables in the open		Total number of horses	196 106
Area	19 694	Horses under 3 years of age	36 038
Flower nurseries in the open		Young stock under 1 year of age	(14 749)
Number of holdings reporting	5 396	Young stock 1 year of age but under 3 years	(21 289)
Area	981	Horses 3 years of age and over	160 068
Flower nurseries under glass		Cattle	
Number of holdings reporting	4 561	Number of holdings reporting	200 998
Area	501	Total number of cattle	3 396 116
		Young stock	1 467 828

⁴ Includes 13,487 hectares under agricultural seeds (May 1959) and 3,947 hectares under horticultural seeds (May 1960).

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Area: in hectares

Not classified by size of holding

Of which:	
Young stock under 1 year of age	(733 691)
Milk cows and cows in calf	1 564 721
Bulls 1 year of age and over	24 533
Cattle for fattening	339 034
Calves for fattening	(56 723)
Other young stock for fattening (incl. oxen)	(174 388)
Other cattle for fattening	(107 923)
Number of holdings reporting specified number of cattle:	
1 head	8 270
2-4 head	29 476
5-9 head	38 939
10-19 head	60 896
20-49 head	54 928
50 head and over	8 489
Sheep	
Number of holdings reporting	31 512
Total number of sheep	521 764
Lambs	(275 866)
Other sheep	(245 898)
Pigs	
Number of holdings reporting	150 364
Total number of pigs	2 590 261
Pigs for fattening	(1 089 978)
Sows for breeding	(415 334)
Boars	(7 542)
Other pigs	(1 077 407)
Poultry	
Chickens	
Number of holdings reporting	209 606
Number of chickens	43 198 783
Ducks	
Number of holdings reporting	5 793
Number of ducks	979 572

4 - EMPLOYMENT IN AGRICULTURE - 1960 Census

Persons permanently employed in agricultural work on the holding

Permanent workers	501 833
Male	(395 908)
Female	(105 925)
Family workers	423 831
Male	(319 840)
Female	(103 991)
Paid nonfamily workers	78 002
Male	(76 068)
Female	(1 934)

Number of man-years worked on the holding

By all persons	431 152
Male	(390 007)
Female	(41 145)
By family workers	332 973
By paid nonfamily workers	98 179
By persons permanently employed	395 182
By persons temporarily employed	35 970

5 - FARM POPULATION - 1959 Census

All persons	1 412 460
Male	741 711
Under 15 years of age	(235 459)
15 years of age and over	(506 252)
Female	670 749
Under 15 years of age	(223 823)
15 years of age and over	(446 926)
Mainly depending on agriculture	1 003 818
Others	408 642

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES - 1960 Census

Selected agricultural equipment owned by the holder^{6*} (number)

Motors

Number of holdings reporting	48 498
Number of motors	69 812
Of which:	
Electric motors	55 034

Tractors

Number of holdings reporting	58 641
Total number of tractors	70 547
Less than 16 hp	(22 116)
16 hp and less than 32	(35 605)
32 hp and less than 50	(11 466)
50 hp and over	(1 360)

Plows (total)

	181 062
Animal-operated	(124 497)
Tractor-operated	(56 565)

Rotary tillers (tractor-operated)

	2 335
--	-------

Disk harrows (total)

	16 011
Animal-operated	(6 707)
Tractor-operated	(9 304)

Other harrows (total)

	202 076
Animal-operated	(143 179)
Tractor-operated	(58 897)

Seed drills (total)

	31 938
Animal-operated	(21 286)
Tractor-operated	(10 652)

Cultivators (total)

	62 364
Animal-operated	(33 816)
Tractor-operated	(28 548)

Weeding and hoeing machines (total)

	35 782
Animal-operated	(25 091)
Tractor-operated	(10 691)

Fertilizer distributors (total)

	45 958
Animal-operated	(24 439)
Tractor-operated	(21 519)

Sprayers and dusters (total)

	14 339
Animal-operated	(7 679)
Tractor-operated	(6 660)

Rollers (total)

	39 720
Animal-operated	(23 381)
Tractor-operated	(16 339)

Manure spreaders (total)

	7 736
Animal-operated	(2 725)
Tractor-operated	(5 011)

Planting machines (total)

	1 485
Animal-operated	(495)
Tractor-operated	(990)

Potato planters (total)

	7 218
Animal-operated	(2 596)
Tractor-operated	(4 622)

* Including also machinery owned jointly. - ⁶ Additional information on the number of selected agricultural machinery owned by co-operatives and contractors is as follows:

Tractors	8 295
Combines (harvester-threshers)	1 081
Flax pickers	231
Beet harvesters	378
Threshers	1 820
Pickup hay and straw balers	1 814
Straw pressers and straw binders	1 432

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Area: in hectares

Not classified by size of holding

Grass mowers (total)	77 944
Animal-operated	(69 611)
Tractor-operated	(8 333)
Hay rakes (total)	42 166
Animal-operated	(35 010)
Tractor-operated	(7 156)
Hay tedders (total)	38 738
Animal-operated	(30 504)
Tractor-operated	(8 234)
Grain mower-binders (total)	21 650
Animal-operated	(5 263)
Tractor-operated	(16 387)
Combines (harvester-threshers) (total)	1 944
Self-propelled	(803)
With built-in motor	(496)
Without built-in motor	(645)
Combined hay harvesting machines (total)	53 139
Animal-operated	(36 545)
Tractor-operated	(16 594)
Flax pickers (total)	646
Animal-operated	(131)
Tractor-operated	(515)
Potato diggers (total)	13 232
Animal-operated	(3 648)
Tractor-operated	(9 584)
Beet lifters (total)	6 381
Animal-operated	(3 710)
Tractor-operated	(2 671)
Beet harvesters (total)	1 064
Animal-operated	(112)
Tractor-operated	(952)
 threshers (total)	9 296
Animal-operated	(6 282)
Tractor-operated	(3 014)
Pickup hay and straw balers (total)	1 352
Animal-operated	(165)
Tractor-operated	(1 187)
Straw pressers and straw binders (total)	2 840
Animal-operated	(1 006)
Tractor-operated	(1 834)
Hay and sheaver blowers (total)	6 854
Animal-operated	(4 988)
Tractor-operated	(1 866)
Milking machines (installation)	38 590
Conveyers (total)	18 402
Animal-operated	(14 823)
Tractor-operated	(3 579)
Carts and wagons	
Number of holdings reporting	155 113
Number of carts and wagons	346 074
Number of holdings reporting selected machines used by holders, classified by categories of ownership - 1960 Census	
Tractors	
Owned solely by the holder	58 641
Owned by contractors	184 296
Owned by co-operatives	12 616
Owned jointly by the holder and others	5 914
Owned by other holders	14 385

Plows	
Owned solely by the holder	138 815
Owned by contractors	58 706
Owned by co-operatives	2 240
Owned jointly by the holder and others	5 825
Owned by other holders	30 164
Rotary tillers	
Owned solely by the holder	2 092
Owned by contractors	13 556
Owned by co-operatives	768
Owned jointly by the holder and others	251
Owned by other holders	696
Disk harrows	
Owned solely by the holder	12 460
Owned by contractors	5 837
Owned by co-operatives	563
Owned jointly by the holder and others	1 353
Owned by other holders	2 764
Other harrows	
Owned solely by the holder	111 360
Owned by contractors	18 903
Owned by co-operatives	373
Owned jointly by the holder and others	4 054
Owned by other holders	27 890
Seed drills	
Owned solely by the holder	26 258
Owned by contractors	12 940
Owned by co-operatives	10 080
Owned jointly by the holder and others	13 182
Owned by other holders	22 090
Cultivators	
Owned solely by the holder	55 390
Owned by contractors	7 479
Owned by co-operatives	1 132
Owned jointly by the holder and others	5 177
Owned by other holders	10 356
Weeding and hoeing machines	
Owned solely by the holder	30 126
Owned by contractors	1 989
Owned by co-operatives	1 117
Owned jointly by the holder and others	3 739
Owned by other holders	4 637
Sprayers and dusters	
Owned solely by the holder	12 554
Owned by contractors	61 589
Owned by co-operatives	5 537
Owned jointly by the holder and others	2 934
Owned by other holders	2 808
Rollers	
Owned solely by the holder	35 108
Owned by contractors	7 293
Owned by co-operatives	8 565
Owned jointly by the holder and others	9 146
Owned by other holders	13 359
Manure spreaders	
Owned solely by the holder	6 718
Owned by contractors	28 165
Owned by co-operatives	2 835
Owned jointly by the holder and others	1 870
Owned by other holders	1 338
Planting machines	
Owned solely by the holder	1 232
Owned by contractors	1 466
Owned by co-operatives	396
Owned jointly by the holder and others	456
Owned by other holders	506
Potato planters	
Owned solely by the holder	6 000
Owned by contractors	4 655
Owned by co-operatives	2 549
Owned jointly by the holder and others	2 764
Owned by other holders	2 864

NETHERLANDS

Area: in hectares

Not classified by size of holding

Grass mowers

Owned solely by the holder	72 963
Owned by contractors	14 576
Owned by co-operatives	532
Owned jointly by the holder and others ..	6 897
Owned by other holders	8 328

Mowing attachments to tractors

Owned solely by the holder	23 443
Owned by contractors	26 270
Owned by co-operatives	2 982
Owned jointly by the holder and others ..	1 842
Owned by other holders	3 902

Hay rakes

Owned solely by the holder	39 875
Owned by contractors	2 178
Owned by co-operatives	550
Owned jointly by the holder and others ..	3 637
Owned by other holders	3 583

Hay tedders

Owned solely by the holder	36 702
Owned by contractors	2 251
Owned by co-operatives	566
Owned jointly by the holder and others ..	3 484
Owned by other holders	3 154

Grain mowers-binders

Owned solely by the holder	18 250
Owned by contractors	44 402
Owned by co-operatives	2 811
Owned jointly by the holder and others ..	5 561
Owned by other holders	4 805

Combines (harvester-threshers)

Owned solely by the holder	1 608
Owned by contractors	22 739
Owned by co-operatives	438
Owned jointly by the holder and others ..	607
Owned by other holders	602

Combine (hay harvesting machines)

Owned solely by the holder	49 671
Owned by contractors	6 866
Owned by co-operatives	614
Owned jointly by the holder and others ..	5 852
Owned by other holders	4 314

Flax pickers

Owned solely by the holder	469
Owned by contractors	3 302
Owned by co-operatives	62
Owned jointly by the holder and others ..	256
Owned by other holders	191

Potato diggers

Owned solely by the holder	10 929
Owned by contractors	36 675
Owned by co-operatives	4 260
Owned jointly by the holder and others ..	5 299
Owned by other holders	2 777

Beet lifters

Owned solely by the holder	5 942
Owned by contractors	1 036
Owned by co-operatives	160
Owned jointly by the holder and others ..	622
Owned by other holders	616

Beet harvesters

Owned solely by the holder	822
Owned by contractors	4 002
Owned by co-operatives	220
Owned jointly by the holder and others ..	512
Owned by other holders	159

threshers

Owned solely by the holder	8 680
Owned by contractors	106 297
Owned by co-operatives	15 444
Owned jointly by the holder and others ..	1 418
Owned by other holders	1 091

Pickup hay and straw balers

Owned solely by the holder	1 121
Owned by contractors	47 527
Owned by co-operatives	3 395
Owned jointly by the holder and others ..	473
Owned by other holders	426

Straw pressers and straw binders

Owned solely by the holder	2 526
Owned by contractors	82 323
Owned by co-operatives	10 635
Owned jointly by the holder and others ..	677
Owned by other holders	578

Hay and sheaver blowers

Owned solely by the holder	6 623
Owned by contractors	973
Owned by co-operatives	92
Owned jointly by the holder and others ..	348
Owned by other holders	107

Conveyers

Owned solely by the holder	16 411
Owned by contractors	1 056
Owned by co-operatives	100
Owned jointly by the holder and others ..	1 398
Owned by other holders	377

SIZE CLASSIFICATION BY AGRICULTURAL AREA
OF HOLDING

NETHERLANDS

Area: in hectares

Classified by size of holding

	All sizes of holdings	Holdings without agricultural land	Under 1 ha	1 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
0 - HOLDER, HOLDING AND TENURE									
Number and agricultural area of holdings - 1959 Census									
Number	308 054	17 331	60 411	87 726	62 206	53 884	24 464	1 872	160
Percentage distribution	100.0	5.6	19.6	28.5	20.2	17.5	7.9	0.6	0.1
Area	2 309 812	—	26 542	223 045	456 715	749 756	701 948	116 137	35 669
Percentage distribution	100.0	—	1.1	9.7	19.8	32.5	30.4	5.0	1.5
Number and total area of holdings¹ - 1960 Census									
Number	300 702	—	71 474	86 573	61 570	54 442	24 615	1 871	157
Percentage distribution	100.0	—	23.8	28.8	20.5	18.1	8.2	0.6	—
Area (gross)	2 658 297	—	41 090	279 651	499 878	824 027	774 421	137 210	102 020
Percentage distribution	100.0	—	1.6	10.5	18.8	31.0	29.1	5.2	3.8
Fragmentation - 1959 Census									
Number of holdings reporting	290 723	—	60 411	87 726	62 206	53 884	24 464	1 872	160
Number of parcels in the holdings reporting	952 113	—	76 639	208 540	277 593	273 324	105 518	9 217	1 282
Average number of parcels per holding	3.3	—	1.3	2.4	4.5	5.1	4.3	4.9	8.0
Number of holdings consisting of:									
1 parcel	109 771	—	48 373	35 879	9 823	9 193	6 118	340	45
2-4 parcels	117 373	—	11 766	42 952	29 358	21 926	10 549	783	39
5-9 parcels	47 409	—	265	7 892	17 819	15 565	5 322	511	35
10 parcels and over	16 170	—	7	1 003	5 206	7 200	2 475	238	41
Age of the holder - 1959 Census									
Total number of holders reporting ...	305 492	—	76 934	86 999	61 919	53 592	24 156	1 892	
Number of holders:									
Under 30 years of age	(15 958)	—	(4 457)	(4 590)	(3 247)	(2 583)	(993)	(88)	
30-39 years of age	(52 415)	—	(10 744)	(13 848)	(12 133)	(10 733)	(4 638)	(319)	
40-49 years of age	(70 706)	—	(15 833)	(18 493)	(15 261)	(13 875)	(6 700)	(544)	
50-64 years of age	(115 001)	—	(28 012)	(33 163)	(23 220)	(20 462)	(9 389)	(755)	
65 years of age and over	(51 412)	—	(17 888)	(16 905)	(8 058)	(5 939)	(2 436)	(186)	
Main occupation of the holder - 1959 Census									
Number of holders with agricultural main occupation									
Number of holders with nonagricultural main occupation	226 771	3 716	23 261	61 319	59 509	52 974	24 063	1 802	127
Number of holders with nonagricultural main occupation	81 283	13 615	37 150	26 407	2 697	910	401	70	33
Number and agricultural area of holdings, by tenure - 1959 Census									
Holdings operated under one form of tenure									
Holdings owned by the holder or in ownerlike possession									
Number	107 928	—	34 119	35 525	18 341	14 386	5 070	400	87
Area	625 820	—	14 646	84 260	134 003	199 958	142 163	24 828	25 962

¹ Data on number and area of holdings and land utilization classified by total area of holding are shown as follows:

	All sizes of holdings	Under 3 ha	3 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
0 - HOLDER, HOLDING AND TENURE								
Number and area of holdings - 1960 Census								
Number	300 702	112 806	33 288	60 886	60 780	29 921	2 662	359
Percentage distribution	100.0	37.5	11.1	20.2	20.2	10.0	0.9	0.1
Total area	2 658 297	100 965	114 617	419 860	817 718	844 903	163 265	196 969
Percentage distribution	100.0	3.8	4.3	15.8	30.8	31.8	6.1	7.4
1 - LAND UTILIZATION								
Utilization of total land in holdings - 1960 Census								
Agricultural area (gross area)	2 409 319	91 131	108 532	403 519	787 571	815 607	152 254	50 705
Wood or forest land	81 458	375	666	2 222	5 604	6 482	3 979	62 130
Other land	167 520	9 459	5 419	14 119	24 543	22 814	7 032	84 134

**SIZE CLASSIFICATION BY AGRICULTURAL AREA
OF HOLDING**

NETHERLANDS

Area: in hectares

Classified by size of holding

	All sizes of holdings	Holdings without agricultural land	Under 1 ha	1 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
Holdings rented from others									
Number	88 407	—	20 648	24 840	15 138	16 006	10 985	767	23
Area	779 535	—	8 600	60 433	111 279	226 991	322 106	47 030	3 096
Holdings operated under more than one form of tenure									
50% or more owned by the holder									
Number	51 976	—	2 898	14 488	16 296	13 523	4 398	346	27
Area	497 818	—	1 721	41 838	120 589	185 456	122 864	21 742	3 608
50% or more rented from others									
Number	42 412	—	2 746	12 873	12 431	9 969	4 011	359	23
Area	406 639	—	1 575	36 514	90 844	137 351	114 815	22 537	3 003
Agricultural area in holdings, by tenure - 1959 Census									
Area owned by the holder or in owner-like possession	1 098 816	—	16 284	124 244	247 449	374 061	261 243	46 278	29 257
Area rented from others	1 210 996	—	10 258	98 801	209 266	375 695	440 705	69 859	6 412
1 - LAND UTILIZATION									
Utilization of total land in holdings (area) - 1960 Census									
Agricultural land (gross area)	2 409 319	—	25 955	228 979	467 864	787 558	736 555	119 781	42 627
Wood or forest land	81 458	—	4 672	28 061	8 726	10 064	14 383	8 725	6 827
Other land	167 520	—	10 463	22 611	23 288	26 405	23 483	8 704	52 566
2 - CROPS - AREA									
Crops on arable land - 1959 Census									
Cereals harvested for grain									
Number of holdings reporting	156 964	—	13 344	39 382	45 931	38 838	17 567	1 760	142
Area	505 631	—	3 289	31 128	92 719	148 751	168 957	45 352	15 435
Leguminous plants for grain²									
Number of holdings reporting	23 303	—	2 411	5 037	3 436	4 714	6 402	1 220	83
Area	39 840	—	262	2 106	2 737	6 953	19 794	6 948	1 040
Tuber and root crops for food or feed									
Number of holdings reporting	186 114	—	25 883	51 903	48 772	39 958	17 730	1 737	131
Area	272 578	—	3 949	22 029	43 293	75 863	100 393	22 008	5 043
Oil and fiber crops									
Number of holdings reporting	8 886	—	202	1 205	882	1 562	3 950	1 018	67
Area	26 177	—	47	746	853	2 437	12 845	5 945	3 304
Green fodder crops									
Number of holdings reporting	11 293	—	170	1 443	2 513	3 007	3 397	707	56
Area	12 240	—	27	409	1 022	2 055	5 800	2 262	665
Crops grown for seed³									
Area	17 436	—	196	1 153	849	1 852	8 339	5 047	
Green manure crops⁴									
Number of holdings reporting	4 461	—	752	1 663	796	656	480	94	20
Area	3 297	—	125	713	465	648	916	302	128
Horticultural crops - 1960 Census									
Early potatoes									
Number of holdings reporting	19 943	—	4 406	9 927	2 692	1 572	1 213	133	
Area	9 524	—	401	4 258	1 524	1 050	1 960	331	
Sown onions									
Number of holdings reporting	9 462	—	1 320	4 629	1 431	1 055	885	142	
Area	5 407	—	184	1 568	917	1 036	1 377	325	
Vegetables in the open⁵									
Number of holdings reporting	53 075	—	16 895	23 199	7 731	4 002	1 088	160	
Area	35 236	—	3 991	18 392	6 391	3 448	2 183	831	

² Including 23,279 hectares under green peas. - ³ Excluding sown onions and vegetable seeds (1959 Census) but including horticultural seeds (1960 Census). - ⁴ Including fallow land. - ⁵ Including 4,883 hectares under strawberries.

**SIZE CLASSIFICATION BY AGRICULTURAL AREA
OF HOLDING**

NETHERLANDS

Area: in hectares

Classified by size of holding

	All sizes of holdings	Holdings without agricultural land	Under 1 ha	1 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
Flower nurseries in the open									
Number of holdings reporting	5 396	—	4 034	1 254	59	22	24	—	3
Area	981	—	559	395	18	4	5	—	—
Flower bulbs									
Number of holdings reporting	13 739	—	5 041	6 446	1 184	721	307	—	40
Area	10 417	—	1 231	5 365	1 702	1 235	724	—	160
Cultivation under glass									
Vegetables ⁶									
Number of holdings reporting	15 515	—	6 151	8 306	783	205	60	—	10
Area	4 017	—	1 378	2 466	121	36	14	—	2
Flowers									
Number of holdings reporting	4 561	—	3 380	1 064	61	28	22	—	6
Area	501	—	315	162	13	7	3	—	1
Permanent crops - 1960 Census									
Pome and stone fruits									
Number of holdings reporting	45 718	—	10 682	13 453	9 325	8 532	3 379	—	347
Area	52 506	—	2 842	12 486	11 985	13 915	9 114	—	2 164
Small cultivated fruits ⁷									
Number of holdings reporting	19 607	—	6 050	7 501	3 712	1 967	330	—	47
Area	4 717	—	774	2 009	1 048	638	173	—	75
Tree nurseries									
Number of holdings reporting	2 622	—	1 510	814	158	91	36	—	13
Area	2 948	—	544	1 036	462	507	281	—	118
Cultivation under glass									
Fruits									
Number of holdings reporting	4 185	—	1 816	2 147	146	42	30	—	4
Area	468	—	177	271	12	3	4	—	1
Tree nurseries									
Number of holdings reporting	239	—	135	83	13	6	1	—	1
Area	10	—	4	4	1	—	—	—	1
3 - LIVESTOCK AND POULTRY - 1959 Census									
Horses									
Number of holdings reporting	127 438	307	846	18 326	45 188	41 536	19 710	1 414	111
Total number of horses	196 106	487	1 006	20 232	52 512	67 793	47 947	5 357	772
Horses under 3 years of age	(36 038)	(108)	(184)	(2 366)	(6 437)	(13 700)	(11 682)	(1 374)	(187)
Horses 3 years of age and over	(160 068)	(379)	(822)	(17 866)	(46 075)	(54 093)	(36 265)	(3 983)	(585)
Cattle									
Number of holdings reporting	200 998	2 705	9 958	53 056	58 357	52 097	23 122	1 594	109
Total number of cattle	3 396 116	11 159	26 039	321 452	806 064	1 279 062	886 842	59 146	6 352
Young stock	(1 467 828)	(3 220)	(10 303)	(122 964)	(348 329)	(568 681)	(389 127)	(23 002)	(2 202)
Milk cows and cows in calf	(1 564 721)	(3 580)	(9 888)	(150 960)	(384 430)	(600 931)	(395 775)	(17 413)	(1 744)
Bulls 1 year of age and over	(24 533)	(296)	(176)	(971)	(3 032)	(9 742)	(9 727)	(544)	(45)
Cattle for fattening	(339 034)	(4 063)	(5 672)	(46 557)	(70 273)	(99 708)	(92 213)	(18 187)	(2 361)
Number of holdings reporting specified number of cattle:									
1 head	8 270	845	3 419	3 199	263	185	312	43	4
2-4 head	29 476	1 162	5 430	19 007	2 007	865	893	100	12
5-9 head	38 939	446	915	22 077	11 389	2 651	1 321	136	4
10-19 head	60 896	197	162	8 357	35 727	13 320	2 798	322	13
20-49 head	54 928	46	25	402	8 943	34 207	10 698	574	33
50 head and over	8 489	9	7	14	28	869	7 100	419	43
Pigs									
Number of holdings reporting	150 364	9 467	15 787	34 114	42 693	36 621	11 158	488	36
Total number of pigs	2 590 261	84 239	111 253	391 286	824 112	897 731	270 779	9 306	1 555
Pigs for fattening	(1 089 978)	(60 604)	(73 752)	(191 507)	(316 617)	(336 208)	(106 025)	(4 464)	(801)
Sows for breeding	(415 334)	(5 103)	(9 140)	(54 291)	(141 414)	(157 126)	(46 426)	(1 598)	(236)
Boars	(7 542)	(925)	(168)	(844)	(1 846)	(2 598)	(1 109)	(48)	(4)
Other pigs	(1 077 407)	(17 607)	(28 193)	(144 644)	(364 235)	(401 799)	(117 219)	(3 196)	(514)

⁶ Including 127 hectares under strawberries. — ⁷ Excluding 4,833 hectares under strawberries already included with vegetables in the opens.

**SIZE CLASSIFICATION BY AGRICULTURAL AREA
OF HOLDING**

NETHERLANDS

Area: in hectares

Classified by size of holding

	All sizes of holdings	Holdings without agricultural land	Under 1 ha	1 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
Chickens									
Number of holdings reporting	209 606	11 544	30 081	54 231	50 017	43 911	18 308	1 446	68
Number of chickens	43 198 783	2 316 751	3 632 881	12 216 950	13 609 035	9 681 921	1 641 393	86 072	13 780
4 - EMPLOYMENT IN AGRICULTURE - 1960 Census									
Persons permanently employed in agricultural work on the holding									
Permanent workers	501 833	4 416	35 569	121 537	123 479	129 314	75 106	12 412	
Male	(395 908)	(3 741)	(31 359)	(97 839)	(88 123)	(96 602)	(66 094)	(12 150)	
Female	(105 925)	(675)	(4 210)	(23 698)	(35 356)	(32 712)	(9 012)	(262)	
Family workers	423 831	3 930	30 570	107 280	116 482	115 113	47 471	2 985	
Male	(319 840)	(3 269)	(26 479)	(83 865)	(81 427)	(82 946)	(39 070)	(2 784)	
Female	(103 991)	(661)	(4 091)	(23 415)	(35 055)	(32 167)	(8 401)	(201)	
Paid nonfamily workers	78 002	486	4 999	14 257	6 997	14 201	27 635	9 427	
Male	(76 068)	(472)	(4 880)	(13 974)	(6 696)	(13 656)	(27 024)	(9 366)	
Female	(1 934)	(14)	(119)	(283)	(301)	(545)	(611)	(61)	
Number of man-years worked on the holding									
By all persons	431 152	3 602	30 248	97 249	98 787	109 531	76 764	14 971	
Male	(390 007)	(3 289)	(28 192)	(87 636)	(85 839)	(97 362)	(72 978)	(14 711)	
Female	(41 145)	(313)	(2 056)	(9 613)	(12 948)	(12 169)	(3 786)	(260)	
By family workers	332 973	3 115	24 675	79 893	89 289	91 739	41 435	2 827	
By paid nonfamily workers	98 179	487	5 573	17 356	9 498	17 792	35 329	12 144	
By persons permanently employed	395 182	2 539	25 172	89 621	94 384	103 641	67 729	12 096	
By persons temporarily employed	35 970	1 063	5 076	7 628	4 403	5 890	9 035	2 875	
5 - FARM POPULATION - 1959 Census									
All persons	1 412 460	70 859	245 575	374 187	301 627	284 255	127 035	8 488	434
Male	741 711	36 479	128 276	195 859	158 005	150 740	67 581	4 552	219
Under 15 years of age	(235 459)	(10 963)	(38 573)	(60 514)	(52 922)	(49 565)	(21 468)	(1 390)	(64)
15 years of age and over	(506 252)	(25 516)	(89 703)	(135 345)	(105 083)	(101 175)	(46 113)	(3 162)	(155)
Female	670 749	34 380	117 299	178 328	143 622	133 515	59 454	3 936	215
Under 15 years of age	(223 823)	(10 747)	(36 850)	(58 025)	(50 144)	(46 262)	(20 459)	(1 271)	(65)
15 years of age and over	(446 926)	(23 633)	(80 449)	(120 303)	(93 478)	(87 253)	(38 995)	(2 665)	(150)
Mainly depending on agriculture	1 003 818	12 772	84 400	239 505	268 821	267 229	122 501	8 187	403
Others	408 642	58 087	161 175	134 682	32 806	17 026	4 534	301	31
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES - 1960 Census									
Selected agricultural equipment owned by the holder^a									
Motors									
Number of holdings reporting	48 498	124	769	3 914	12 475	18 032	11 965	1 127	92
Number of motors	69 812	236	1 058	4 891	15 097	25 200	20 307	2 564	459
Tractors									
Number of holdings reporting	58 641	---	---	14 069	8 998	17 221	16 459	1 750	144
Number of tractors	70 547	---	---	15 856	9 916	18 307	21 274	4 130	1 064
Carts and wagons									
Number of holdings reporting	155 113	272	1 333	24 074	52 476	51 138	23 867	1 817	136
Number of carts and wagons	346 074	419	1 621	35 288	95 912	117 979	82 995	9 534	2 326

^a Including also machinery owned jointly.

SELECTED DATA FROM CENSUSES
OF 1950 AND 1959

NETHERLANDS

Area: in hectares

	1950	1959		1950	1959
0 - HOLDER, HOLDING AND TENURE			Edible dry peas	25 515	10 311
Number and agricultural area of holdings, by size			Potatoes	174 503	145 570
Holdings 1 ha and over			Sugar beets	66 613	92 981
Number	241 359	230 312	Flax	17 770	15 123
Area	2 296 667	2 283 270	Rapeseed or colza	31 918	2 621
Holdings 1 and under 5 ha			Flower bulbs	7 534	10 417
Number	101 737	87 726	Permanent crops ¹		
Area	261 620	223 045	Apples	42 496	35 599
Holdings 5 and under 10 ha			Pears	14 319	10 833
Number	64 275	62 206			
Area	466 338	456 715			
Holdings 10 and under 20 ha			3 - LIVESTOCK AND POULTRY		
Number	48 693	53 884	Horses		
Area	682 355	749 756	Number of holdings reporting	149 329	127 438
Holdings 20 and under 50 ha			Number of horses	255 200	196 106
Number	24 521	24 464	Cattle		
Area	704 495	701 948	Number of holdings reporting	216 438	200 998
Holdings 50 and under 100 ha			Number of cattle	2 722 925	3 396 116
Number	1 968	1 872	Sheep		
Area	121 434	116 137	Number of holdings reporting	34 739	31 512
Holdings 100 ha and over			Number of sheep	389 582	521 764
Number	165	160	Pigs		
Area	60 425	35 669	Number of holdings reporting	270 942	150 364
Fragmentation			Number of pigs	1 860 453	2 590 261
Number of holdings reporting	338 565	290 723	Poultry		
Number of parcels in the holdings reporting	1 074 955	952 113	Chickens		
Average number of parcels per holding	3.2	3.3	Number of holdings reporting	285 748	209 696
			Number of chickens	23 443 153	43 198 783
1 - LAND UTILIZATION			Ducks		
Utilization of agricultural land in holdings (area)			Number of holdings reporting	5 164	5 793
Cropland	1 054 398	1 058 267	Number of ducks	526 196	979 572
Arable land	(959 498)	(930 071)			
Horticultural land	(94 900)	(128 196)	6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Permanent meadows and pastures	1 279 006	1 274 750	Selected agricultural equipment owned by the holder ²		
			Tractors ³		
2 - CROPS - AREA			Number of holdings reporting	16 504	58 641
Crops on arable land (area)			Number of tractors	19 109	70 547
Wheat	90 785	120 392	Combines (harvester-threshers)		
Rye	174 729	143 824	Number of combines	1 204	1 944
Barley	68 716	72 335			
Oats	140 539	125 527			

¹ Figures have been derived from the Agricultural Censuses of 1951 and 1960. - ² Figures derived from the 1960 Agricultural Census.
- ³ For 1950, tractors include also rotary tillers, tritracors and Bolensride-masters.

Date of the census and time reference

The agricultural census was carried out simultaneously with the population and housing census from 25 April to 31 May 1963.

Data refer to the date of the enumeration, with the exception of information on area and production of crops, which refer to the agricultural year May 1962 to April 1963.

Method of collection and processing of census data

The census was carried out through direct interviews of holders by means of a joint population, housing and agricultural census questionnaire.

The Census Office, a body of the Central Statistical Office, was in charge of organizing, directing and executing the census work including the field enumeration. In each province a provincial office of the census was established and a census delegate was responsible for the census work.

Under the supervision of the provincial delegate, census offices were established in each municipality under the direction of a municipal delegate assisted by supervisors. Census enumerators were under the control of supervisors.

Rural areas were divided into sectors according to the cartographic materials available and each sector was to be enumerated by one person in less than 30 days.

Scope and definition of items**0 - HOLDER, HOLDING AND TENURE***Holder*

The holder was defined as the civil or juridical person economically responsible for the operation of the agricultural land and who decides on the

agricultural operations of the holding. The holder can operate the holding through a manager.

Holding

A holding was defined as all land used wholly or partly for agricultural production, including the land owned by the holder, and/or the land rented from others or under other forms of tenure, but excluding the land rented to others or given to others under other forms of tenure during the agricultural year 1962/63.

The holding could be constituted by one or more parcels, not necessarily together, provided they were located in the same *comarca* (administrative unit, part of a municipality) or in adjacent *comarcas* if they were operated under the same direction. Holdings devoted only to beekeeping were excluded from the census.

Tenure

Area owned by the holder or in ownerlike possession includes all areas legally owned by the holder and those legally not owned but on which he has the right of usufruct.

Area rented from others includes all areas for which use the holder pays a fixed amount of money and a share of the produce, or operates the land in exchange for services or under other forms of renting.

Area operated under ejidal form includes those areas owned by municipalities, but which the holder has the right to operate.

Area operated by squatters includes those areas which the holder operates without a legal title but which are owned by private persons or the state.

Area operated under other forms of tenure includes the areas operated under *colonato* and other forms of tenure not included in any of the previous categories.

1 - LAND UTILIZATION

Arable land

This includes all areas occupied by crops whose growing cycle is less than one year, such as maize, sorghum, rice, sesame and cotton; the areas cultivated with sugarcane, tobacco, tomatoes, potatoes, manioc, onions, cabbage, other vegetables and other annual crops. This category also includes all arable land that was not cultivated during the agricultural year 1962/63 but that has been occupied with annual crops in the last five years.

Land under permanent crops

This covers all areas occupied with crops, such as coffee, cocoa, plantains and bananas; including the compact plantations of the crops of a permanent character.

Permanent meadows and pastures

This includes all areas with cultivated and natural pasture forming part of the holding.

Wood or forest land

This includes all areas with forest trees, virgin vegetation, shrubs and land that has not been cultivated during the last five years.

All other land

This includes areas with buildings, land under water, swamps, stone pits and all other areas forming part of the holding but not used for agricultural purposes.

2 - CROPS

For maize, beans and sorghum grown in association, half of the area occupied was allocated to each component crop. For bananas, plantains and pineapples grown in association, the whole area was to be assigned only to the crop occupying the largest area.

3 - LIVESTOCK AND POULTRY

Data refer to the number of animals which were on the holding the night before the census, whether owned or not by the holder.

* * *

SOURCE: Nicaragua. Ministerio de Economía. Dirección General de Estadística y Censos. *Censos nacionales 1963. Agropecuario, 1966.*

Area: in hectares
Production: in metric tons
(unless otherwise specified)

NICARAGUA

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	102 201
Area	3 815 932

Number of holdings, by tenure

Holdings operated under one form of tenure	
Holdings owned by the holder or in ownerlike possession ¹	46 988
Holdings rented from others	12 872
Holdings operated under ejidal form of tenure	8 170
Holdings operated by squatters	16 049
Holdings operated under other single forms of tenure	4 144
Holdings operated under more than one form of tenure	13 978

Area in holdings, by tenure

Area owned by the holder or in ownerlike possession ²	2 639 070
Area rented from others (total)	98 123
For a fixed amount of money	(53 039)
For a share of the produce	(13 518)
In exchange for services	(4 346)
Area operated under other forms of renting	(27 220)
Area operated under ejidal form of tenure	310 782
Area operated by squatters	734 522
Area operated under other single forms of tenure	33 435

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Arable land (total)	725 386
Temporary crops	(388 510)
Temporarily fallow	(336 876)
Land under permanent crops	158 416
Permanent meadows and pastures (total)	1 771 380
Cultivated meadows and pastures	(1 110 058)
Uncultivated meadows and pastures	(661 322)
Wood or forest land	1 046 197
All other land	114 553

2 - CROPS - AREA AND PRODUCTION

Crops on arable land

Rice

Number of holdings reporting	11 155
Area	19 015
Production	23 195

Sorghum

Number of holdings reporting	27 523
Area	
Grown alone	6 966
Grown in association	25 819
Production (dry grain)	37 011

Maize

Number of holdings reporting	77 727
Area	
Grown alone	139 592
Grown in association	33 178
Production (dry grain)	149 983

Edible dry beans

Number of holdings reporting	37 094
Area	
Grown alone	31 435
Grown in association	8 455
Production	24 025

Potatoes

Number of holdings reporting	359
Area	349
Production	1 432

Manioc (cassava)

Number of holdings reporting	5 024
Area	2 860
Production	11 661

Onions

Number of holdings reporting	391
Area	243
Production	944

Sugarcane

Number of holdings reporting	4 616
Area	20 525
Production	930 457

Cotton

Number of holdings reporting	3 676
Area	95 836
Production (unginned)	206 512

Groundnuts (peanuts)

Number of holdings reporting	73
Area	94
Production	131

Sesame seed

Number of holdings reporting	2 799
Area	6 793
Production	3 342

Tobacco

Number of holdings reporting	225
Area	481
Production	601

Cabbage

Number of holdings reporting	145
Area	131
Production	216

Tomatoes

Number of holdings reporting	401
Area	330
Production	1 384

Other vegetables

Number of holdings reporting	688
Area	469

Permanent crops

Citrus trees

Number of holdings reporting	3 584
Total number of trees	443 164
Of productive age	(291 202)
Of nonproductive age	(151 962)

Bananas

In compact plantations	
Number of holdings reporting	9 678
Area	
Grown alone	10 761
Grown in association	819

Plantains

In compact plantations	
Area	
Grown alone	31 582
Grown in association	2 538

Pineapples

In compact plantations	
Number of holdings reporting	1 274
Area	
Grown alone	901
Grown in association	61

¹ Includes 7,543 holdings held in usufruct. - ² Includes 93,547 hectares held in usufruct.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

NICARAGUA

Not classified by size of holding

Arnotto tree (<i>Bixa orellana</i>)					
In compact plantations					
Number of holdings reporting	321				
Area	127				
Total number of trees	100 339				
Of productive age	(71 823)				
Of nonproductive age	(28 516)				
Production	39				
Coffee					
Number of holdings reporting	15 793				
Area	94 686				
Total number of trees	132 991 968				
Of productive age	(110 372 723)				
Of nonproductive age	(22 619 245)				
Production (parchment)	27 807				
Cocoa					
In compact plantations					
Number of holdings reporting	974				
Area	1 603				
Total number of trees	1 236 684				
Of productive age	(853 538)				
Of nonproductive age	(383 146)				
Production (dry beans)	455				
Coconuts					
Number of holdings reporting	1 798				
Total number of trees	411 128				
Of productive age	(239 486)				
Of nonproductive age	(171 642)				
Henequen					
In compact plantations					
Number of holdings reporting	357				
Area	511				
Ipecacuanha (<i>Cephaelis ipecacuanha</i>)					
Area	59				
3 - LIVESTOCK AND POULTRY					
Horses, mules and asses					
Horses					
Number of horses	174 768				
Mules					
Number of mules	43 627				
Asses					
Number of asses	6 726				
Cattle					
Number of holdings reporting	50 327				
Total number of cattle	1 251 763				
Male	(456 810)				
Female	(794 953)				
Cattle under 2 years of age	413 291				
Male	(203 332)				
Female	(209 959)				
Calves under 1 year of age	277 839				
Male	(137 060)				
Female	(140 779)				
Young stock 1 year of age and under 2 years	135 452				
Male	(66 272)				
Female	(69 180)				
Cattle 2 years of age and over	838 472				
Male	(253 478)				
Female	(584 994)				
Number of holdings reporting specified number of cattle					
1 head	2 815				
2-4 head	17 440				
5-10 head	13 326				
11-20 head	7 243				
21-50 head	5 208				
51-100 head	2 116				
101-200 head	1 022				
201-500 head	694				
501 head and over	263				
Daily milk production ³					
Number of holdings reporting	35 280				
Number of cows milked	237 352				
Milk production (thousand liters)	563				
Pigs					
Number of holdings reporting	79 873				
Total number of pigs	422 598				
Pigs under 6 months of age	(234 648)				
Pigs 6 months of age and over	(187 950)				
Poultry					
Number of holdings reporting ⁴	102 814				
Total number of hens, cocks and pullets	2 156 070				
Of which:					
Laying hens	756 579				
Egg production ³ (number)					
	592 281				

³The day preceding enumeration. - ⁴Includes also poultry holdings in urban areas.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.7 ha	0.7 and under 3.5 ha	3.5 and under 7.0 ha	7.0 and under 14.0 ha	14.0 and under 34.9 ha
		Under 1 manzana	1 and under 5 manzanas	5 and under 10 manzanas	10 and under 20 manzanas	20 and under 50 manzanas
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	102 201	2 258	33 948	15 730	13 273	14 703
Percentage distribution	100.0	2.2	33.2	15.4	13.0	14.4
Area	3 815 932	928	58 025	73 876	121 564	307 557
Percentage distribution	100.0	—	1.5	1.9	3.2	8.1
Number of holdings, by tenure						
Holdings operated under one form of tenure						
Holdings owned by the holder or in ownerlike possession ¹	46 988	1 190	12 967	7 200	6 964	7 790
Holdings rented from others	12 872	606	9 473	1 406	659	379
Holdings operated under ejidal form of tenure	8 170	57	1 344	1 283	1 410	1 856
Holdings operated by squatters	16 049	94	2 407	1 432	1 572	3 184
Holdings operated under other single forms of tenure	4 144	241	2 455	681	420	194
Holdings operated under more than one form of tenure	13 978	70	5 302	3 728	2 248	1 300
Area of holdings, by tenure						
Area owned by the holder or in ownerlike possession ²	2 639 070	501	25 255	39 841	72 306	174 639
Area rented from others (total)	98 123	252	19 463	13 818	12 455	12 093
For a fixed amount of money	(53 039)	(103)	(7 787)	(5 272)	(4 844)	(4 112)
For a share of the produce	(13 518)	(34)	(5 125)	(3 692)	(2 641)	(1 399)
In exchange for services	(4 346)	(29)	(1 683)	(897)	(728)	(472)
Area operated under other forms of renting	(27 220)	(86)	(4 868)	(3 957)	(4 242)	(6 110)
Area operated under ejidal form of tenure	310 782	22	2 947	6 896	14 468	42 775
Area operated by squatters	734 522	43	5 813	9 279	17 640	73 540
Area operated under other single forms of tenure	33 435	110	4 546	4 042	4 695	4 508
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Arable land (total)	725 386	449	37 568	36 409	47 086	93 836
Temporary crops	(388 510)	(441)	(36 168)	(33 033)	(37 239)	(53 435)
Temporarily fallow	(336 876)	(8)	(1 400)	(3 376)	(9 847)	(40 401)
Land under permanent crops	158 416	277	6 039	7 224	10 639	21 564
Permanent meadows and pastures (total)	1 771 380	9	8 469	22 713	46 376	119 487
Cultivated meadows and pastures	(1 110 058)	(—)	(1 719)	(7 023)	(20 945)	(70 412)
Uncultivated meadows and pastures	(661 322)	(9)	(6 750)	(15 690)	(25 431)	(49 075)
Wood or forest land	1 046 197	1	726	3 003	11 213	60 105
All other land	114 553	192	5 222	4 528	6 249	12 565
2 - CROPS - AREA AND PRODUCTION						
Crops on arable land						
Rice						
Number of holdings reporting	11 155	217	3 456	2 419	1 511	1 379
Area	19 015	40	1 938	1 937	1 873	2 204
Production	23 195	62	2 712	2 513	2 222	2 613
Maize						
Number of holdings reporting	77 727	825	24 085	12 589	10 904	12 143
Area						
Grown alone	139 592	244	15 284	13 270	14 717	21 707
Grown in association	33 178	68	7 744	5 650	5 547	6 458
Production (dry grain)	149 983	273	20 925	16 607	17 965	24 062
Edible dry beans						
Number of holdings reporting	37 094	292	10 065	6 187	5 259	6 237
Area						
Grown alone	31 435	53	4 074	4 252	4 618	6 181
Grown in association	8 455	43	2 787	1 581	1 337	1 401
Production	24 025	59	4 266	3 557	3 560	4 544
Sugarcane						
Number of holdings reporting	4 616	10	334	387	491	894
Area	20 525	3	179	318	531	1 511
Production	930 457	25	3 712	7 361	12 898	42 609

¹ Includes 7,543 holdings held in usufruct. — ² Includes 93,547 hectares held in usufruct.

NICARAGUA

Classified by size of holding

TOTAL AREA OF HOLDING

9 and under 9.9 ha	69.9 and under 139.8 ha	139.8 and under 349.4 ha	349.4 and under 698.7 ha	698.7 and under 1 746.9 ha	1 746.9 ha and over	
100 and under 200 manzanas	200 and under 300 manzanas	500 and under 1 000 manzanas	1 000 and under 2 500 manzanas	2 500 manzanas and over		
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
10 949	6 291	3 554	920	405	170	Number
10.7	6.1	3.5	0.9	0.4	0.2	Percentage distribution
474 423	537 075	671 500	407 880	393 602	769 502	Area
12.4	14.1	17.6	10.7	10.3	20.2	Percentage distribution
						Number of holdings, by tenure
						Holdings operated under one form of tenure
						Holdings owned by the holder or in ownerlike possession ¹
4 886	2 895	1 936	663	335	162	Holdings rented from others
221	76	47	4	1	—	Holdings operated under ejidal form of tenure
1 158	616	354	68	22	2	Holdings operated by squatters
4 009	2 256	967	104	23	1	Holdings operated under other single forms of tenure
88	46	18	1	—	—	Holdings operated under more than one form of tenure
587	402	232	80	24	5	
						Area of holdings, by tenure
						Area owned by the holder or in ownerlike possession ²
231 348	271 190	406 293	313 390	345 523	758 784	Area rented from others (total)
11 498	9 585	12 783	4 017	1 600	559	For a fixed amount of money
(4 394)	(8 225)	(12 368)	(3 782)	(1 593)	(359)	For a share of the produce
(327)	(199)	(66)	(35)	(—)	(—)	In exchange for services
(261)	(96)	(69)	(111)	(—)	(—)	Area operated under other forms of renting
(6 516)	(1 065)	(280)	(89)	(7)	(—)	Area operated under ejidal form of tenure
53 881	56 652	70 122	36 557	20 914	5 548	Area operated by squatters
173 556	194 958	177 178	52 407	25 496	4 612	Area operated under other single forms of tenure
4 140	4 690	5 124	1 510	70	—	
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
124 625	125 629	126 203	58 396	37 586	37 599	Arable land (total)
(53 428)	(53 513)	(61 091)	(27 882)	(16 253)	(16 027)	Temporary crops
(71 197)	(72 116)	(65 112)	(30 514)	(21 333)	(21 572)	Temporarily fallow
26 927	27 655	27 197	15 305	9 995	5 594	Land under permanent crops
169 154	207 050	302 054	224 875	229 937	441 256	Permanent meadows and pastures (total)
(110 759)	(148 091)	(215 214)	(164 347)	(155 275)	(216 273)	Cultivated meadows and pastures
(58 395)	(58 959)	(86 840)	(60 528)	(74 662)	(224 983)	Uncultivated meadows and pastures
136 142	161 992	199 657	99 917	106 844	266 597	Wood or forest land
17 574	14 750	16 389	9 386	9 239	18 459	All other land
						2 - CROPS - AREA AND PRODUCTION
						Crops on arable land
						Rice
1 204	758	392	71	35	13	Number of holdings reporting
1 965	1 757	3 101	697	1 104	2 399	Area
2 317	2 161	3 219	778	710	3 858	Production
						Maize
9 069	4 854	2 474	518	197	69	Number of holdings reporting
25 696	21 683	16 574	5 379	2 882	2 156	Area
3 557	1 834	1 155	414	227	524	Grown alone
25 908	19 528	14 148	5 112	3 018	2 437	Grown in association
						Production (dry grain)
						Edible dry beans
5 097	2 555	1 126	202	64	10	Number of holdings reporting
5 719	3 524	2 019	621	313	61	Area
722	335	165	55	22	7	Grown alone
3 754	2 361	1 323	358	197	46	Grown in association
						Production
						Sugarcane
1 226	723	411	95	35	10	Number of holdings reporting
1 991	2 333	2 868	4 488	2 522	3 781	Area
53 506	84 876	138 996	279 877	132 727	173 870	Production

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.7 ha	0.7 and under 3.5 ha	3.5 and under 7.0 ha	7.0 and under 14.0 ha	14.0 and under 34.9 ha
		Under 1 manzana	1 and under 5 manzanas	5 and under 10 manzanas	10 and under 20 manzanas	20 and under 50 manzanas
Cotton						
Number of holdings reporting	3 676	1	433	597	770	701
Area	95 836	1	646	1 415	2 871	5 683
Production (unginned)	206 512	—	1 024	2 359	5 028	10 293
Permanent crops						
Bananas						
In compact plantations						
Number of holdings reporting	9 678	105	1 905	1 156	883	1 488
Area						
Grown alone	10 761	20	794	885	871	1 345
Grown in association	819	1	68	69	85	138
Plantains						
In compact plantations						
Area						
Grown alone	31 582	88	2 147	2 601	3 511	5 512
Grown in association	2 538	4	189	199	251	323
Coffee						
Number of holdings reporting	15 793	362	2 226	1 634	1 965	3 365
Area	94 686	93	2 064	2 527	4 591	11 492
Total number of trees	132 991 968	117 064	2 851 746	3 564 220	6 549 791	16 316 573
Of productive age	(110 372 723)	(105 334)	(2 461 964)	(3 044 548)	(5 525 363)	(13 617 067)
Of nonproductive age	(22 619 245)	(11 730)	(389 782)	(519 672)	(1 024 428)	(2 699 506)
Production (parchment)	27 807	34	621	727	1 323	3 408
3 - LIVESTOCK AND POULTRY						
Cattle						
Number of holdings reporting	50 327	52	6 949	8 518	8 347	9 877
Total number of cattle	1 251 763	114	18 854	37 331	62 649	121 499
Male						
Male	(456 810)	(38)	(6 180)	13 635	22 611	40 221
Female						
Female	(794 953)	(76)	(12 674)	23 696	40 038	81 278
Cattle under 2 years of age						
Male						
Male	(203 332)	(22)	(3 430)	(6 249)	(10 591)	(20 989)
Female						
Female	(209 959)	(16)	(3 511)	(6 339)	(10 801)	(21 959)
Calves under 1 year of age						
Male						
Male	(137 060)	(17)	(2 901)	(5 057)	(8 174)	(15 882)
Female						
Female	(140 779)	(13)	(2 801)	(4 881)	(7 999)	(16 012)
Young stock 1 year of age and under 2 years						
Male						
Male	(66 272)	(5)	(529)	(1 192)	(2 417)	(5 107)
Female						
Female	(69 180)	(3)	(710)	(1 458)	(2 802)	(5 947)
Cattle 2 years of age and over						
Male						
Male	(253 478)	(16)	(2 750)	(7 386)	(12 020)	(19 232)
Female						
Female	(584 994)	(60)	(9 163)	(17 357)	(29 237)	(59 319)
Number of holdings reporting specified number of cattle						
1 head	2 815	29	1 379	494	273	323
2-4 head	17 440	21	5 125	4 720	2 724	2 389
5-10 head	13 326	2	429	3 144	3 422	3 023
11-20 head	7 243	—	16	160	1 853	2 355
21-50 head	5 208	—	—	—	75	1 745
51-100 head	2 116	—	—	—	—	42
101-200 head	1 022	—	—	—	—	—
201-500 head	2 694	—	—	—	—	—
501 head and over	263	—	—	—	—	—

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Classified by size of holding

AL AREA OF HOLDING

Under 9 ha	69.9 and under 139.8 ha	139.8 and under 349.4 ha	349.4 and under 698.7 ha	698.7 and under 1 746.9 ha	1 746.9 ha and over	
Under 100 manzanas	100 and under 200 manzanas	200 and under 500 manzanas	500 and under 1 000 manzanas	1 000 and under 2 500 manzanas	2 500 manzanas and over	
						Cotton
388	338	286	93	40	29	Number of holdings reporting
8 182	18 362	30 170	15 133	6 649	6 724	Area
16 107	39 285	68 988	35 141	14 630	13 657	Production (unginned)
						Permanent crops
						Bananas
						In compact plantations
2 219	1 195	605	91	25	6	Number of holdings reporting
						Area
2 354	1 688	1 691	241	855	17	Grown alone
201	109	129	11	8	—	Grown in association
						Plantains
						In compact plantations
						Area
5 234	4 390	3 524	2 292	1 092	1 191	Grown alone
562	331	293	265	100	21	Grown in association
						Coffee
						Number of holdings reporting
3 116	1 825	939	241	102	18	Area
15 834	18 338	19 322	11 387	7 022	2 016	Total number of trees
704 186	25 708 448	26 827 563	15 732 443	9 742 934	2 877 000	Of productive age
554 642)	(20 986 724)	(21 732 074)	(13 383 288)	(8 255 219)	(2 606 500)	Of nonproductive age
349 544)	(4 721 724)	(5 095 489)	(2 349 155)	(1 487 715)	(270 500)	Production (parchment)
4 995	5 498	5 600	3 382	1 743	476	
						3 - LIVESTOCK AND POULTRY
						Cattle
						Number of holdings reporting
7 549	4 807	2 894	807	366	161	Total number of cattle
141 098	170 678	231 386	158 906	136 153	173 095	Male
45 307	53 853	81 415	62 394	59 020	72 136	Female
95 791	116 825	149 971	96 512	77 133	100 959	Cattle under 2 years of age
						Male
50 830	61 395	77 364	49 000	39 683	51 112	Female
(25 031)	(29 211)	(38 124)	(23 782)	(19 296)	(26 607)	Calves under 1 year of age
(25 799)	(32 184)	(39 240)	(25 218)	(20 387)	(24 505)	Male
37 218	43 682	51 675	29 561	22 529	29 437	Female
(18 502)	(20 629)	(25 429)	(14 329)	(11 090)	(15 050)	Young stock 1 year of age and under 2 years
(18 716)	(23 053)	(26 246)	(15 232)	(11 439)	(14 387)	Male
13 612	17 713	25 689	19 439	17 154	21 675	Female
(6 529)	(8 582)	(12 695)	(9 453)	(8 206)	(11 557)	Cattle 2 years of age and over
(7 083)	(9 131)	(12 994)	(9 986)	(8 948)	(10 118)	Male
90 268	109 283	154 022	109 906	96 470	121 983	Female
(20 276)	(24 642)	(43 291)	(38 612)	(39 724)	(45 529)	Number of holdings reporting specified number of cattle
(69 992)	(84 641)	(110 731)	(71 294)	(56 746)	(76 454)	1 head
						2-4 head
188	84	40	3	1	1	5-10 head
1 575	641	216	22	4	3	11-20 head
2 018	937	302	34	12	3	21-50 head
1 526	891	380	48	10	4	51-100 head
1 558	1 138	569	91	26	6	101-200 head
653	716	558	106	33	8	201-500 head
31	379	532	203	61	16	501 head and over
—	21	282	243	121	27	
—	—	15	57	98	93	

Date of the census and time reference

The agricultural census was conducted on 20 June 1959.

Information on crops and land utilization refers to the year 1959. Figures on land tenure, livestock and poultry, agricultural machinery, vocational training and irrigation and drainage refer to 20 June 1959. Data on employment in agriculture were collected for two periods: 14 April 1958 to 13 October 1958; and 14 October 1958 to 13 April 1959.

Method of collection and processing of census data

The census was directed and processed by the Central Bureau of Statistics, while the collection of data was entrusted to the local Boards of Agriculture.

The local Boards of Agriculture hired and instructed the enumerators. Respondents had the right to fill in the questionnaires themselves, but it was considered more practical for it to be done by the enumerators, who were in any case instructed to check that all the questions were answered properly. Two different questionnaires were used for the census. The main questionnaire was to be completed for all holdings, regardless of their size. The additional questionnaire was to be completed only for holdings having more than 50 fruit trees and/or more than 50 m² of cultivation under glass and/or at least 1,000 m² of land under nursery garden, excluding forest nurseries. Holdings meeting conditions specified in the main and additional questionnaires were obliged to complete both questionnaires.

The local Boards of Agriculture received the census questionnaires and checked to see that they had been properly filled in, that no data were lacking and that no double returns had been obtained from the same holding. Local boards were also in charge of sending to the Central Bureau of Statistics all the census material checked.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Main occupation of the holder

Data on this subject refer only to holdings operated by civil persons. The activity from which the holder obtained his livelihood was indicated as the main occupation. In the case of holdings operated by a married couple, the occupational status of both spouses was taken into account.

Holding

A holding for census purposes was to be regarded as an operational unit. The 1959 Census covered holdings both in rural areas and in towns. Information was required from all persons engaged in agriculture, horticulture, market gardening and the keeping of livestock (including fur-bearing animals), regardless of the size of the area operated. Returns were required also in respect of the keeping of livestock even if not combined with agriculture. Allotment gardens were treated as one unit, even if they were constituted by more than one parcel. Only data on certain items were collected for small holdings. Land devoted to ornamental gardens and forestry estates was excluded from the census. In the case of holdings located in differ-

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ent communes, separate returns were made for the pieces of land located in each commune.

Area of the holding. The area of the holding was made up as the sum of the areas under cropland, permanent meadows and pastures, wood or forest land and all other land. The basis for classifying holdings by size was the *agricultural area*, i.e., area of cropland and permanent meadows and pastures, excluding unclosed pastures.

1 - LAND UTILIZATION

Cropland

This includes all areas under field crops, ornamental gardens and lawns, flowers, nursery gardens, seed cultivation of root crops and vegetables, flax, tobacco, cultivation under glass, and the areas devoted to fruit trees and bacciferous shrubs. Cropland includes also fallow land and cultivated meadows for hay.

Permanent meadows and pastures

This includes the areas under natural and cultivated permanent pastures and cultivated and natural unused meadows turned temporarily into pasture.

Wood or forest land

This includes all areas of productive forest, comprising plantations (new plantings). Forest land on which the holder enjoyed usufruct only was excluded.

All other land

This category includes all land of the holding not forming part of any of the previous categories, such as farmyard areas, roads, built-up areas, outfields, unclosed pastures and other outlying pastures.

2 - CROPS

Wheat and rye include both spring and autumn sowings and refer to the area harvested

in 1959. In the case of potatoes, vegetables or other crops cultivated between fruit trees or small cultivated fruit, the whole area was estimated, avoiding any duplication. Data on individual vegetables refer to areas of at least 0.1 dekar (0.01 ha) under these crops.

3 - LIVESTOCK AND POULTRY

Data include all animals on the holding on 20 June 1959, regardless of ownership. Animals on the "mountain dairy farm" were also enumerated as belonging to the holding. Goats and other animals hired for the summer were to be enumerated on the owner's holding and not on the holdings of persons having them on lease.

4 - EMPLOYMENT IN AGRICULTURE

Data refer to all persons 15 years of age and over employed in agriculture, horticulture, keeping of livestock, and forestry. Housework was excluded.

The work in forestry areas owned jointly, and in those to which a person had common rights or other rights, was to be reported as forestry work on the holding. This information was expressed in working days and related to the whole year, 14 April 1958 to 13 April 1959.

Data on the number of days worked on the holding by temporary workers include also days of work performed by persons under 15 years of age.

5 - FARM POPULATION

Data on vocational training refer to persons attending courses of at least five months' duration. Agricultural schools include both ordinary agricultural training establishments and schools for smallholders. Nurserymen's schools were counted as horticultural schools. If persons attended more than one vocational school, an entry was made for each type of vocational school.

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6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data refer to all agricultural machinery on the holding at the census date, including machinery maintained at machinery stations. In the case of machines owned jointly by different persons, the machine or machines were to be reported by the person stationing or maintaining the machine or machines concerned. Only serviceable machinery was to be reported. Machines

in reserve or readiness but not normally used were to be included.

* * *

SOURCES : Norway. Statistisk Sentralbyrå. *Census of Agriculture, 20 June 1959*. First volume. Oslo, 1961. Second volume, 1961. Third volume, 1962. Fifth volume, 1963. For data on 1950 see FAO. *Report on the 1950 World Census of Agriculture*. Volume I. *Census results by countries*. Rome, 1955.

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Area: in hectares

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE ¹

Number and area of holdings	
Number	433 920
Area	7 622 744
Age of the holder	
Total number of holders reporting	184 858
Number of male holders:	
Under 40 years of age	(32 937)
40-59 years of age	(101 192)
60 years of age and over	(50 729)
Main occupation of the holder (civil persons)	
Number of holders with agricultural main occupation	121 877
Number of holders with nonagricultural main occupation	75 655
Legal status of the holder	
Holdings operated by:	
Civil persons	197 532
Others	783
Number of holdings, by tenure	
Holdings operated under one form of tenure	
Holdings owned by the holder or in owner-like possession	
Number	172 152
Holdings rented from others	
Number (total)	13 480
For a fixed amount of money	
Number	(8 624)
In exchange for services	
Number	(614)
Operated under other forms of renting	
Number	(4 242)
Holdings operated under more than one form of tenure	
Number (total)	12 683
More than 50% area rented	
Number	(2 644)
Up to 50% area rented	
Number	(10 039)

1 - LAND UTILIZATION

Utilization of land in holdings (area)	
Cropland ²	854 529
Permanent meadows and pastures ³	175 637
Wood or forest land	3 659 904
All other land	2 932 674

2 - CROPS - AREA

Crops on arable land	
Wheat	
Number of holdings reporting	7 431
Area	9 256
Rye	
Number of holdings reporting	702
Area	1 083
Barley	
Number of holdings reporting	64 692
Area	140 930
Oats	
Number of holdings reporting	43 101
Area	64 704
Mixed grains	
Number of holdings reporting	2 097
Area	2 026

Edible dry peas	
Number of holdings reporting	273
Area	169
Potatoes	
Number of holdings reporting	234 332
Area	55 248
Turnips for feed	
Number of holdings reporting	19 713
Area	3 538
Beets for feed	
Number of holdings reporting	5 398
Area	1 380
Kale for feed	
Number of holdings reporting	12 226
Area	2 111
Kohlrabi for feed	
Number of holdings reporting	35 512
Area	8 151
Leguminous plants cut for green feed	
Number of holdings reporting	36 992
Area	11 411
Cabbage and kale	
Area	1 506
Celery	
Area	59
Lettuce	
Area	12
Spinach	
Area	20
Leeks	
Area	89
Parsley	
Area	29
Rhubarb	
Area	27
Cucumbers	
Area	204
Onions	
Area	169
Beets (red)	
Area	82
Carrots	
Area	1 208
Beans (harvested green)	
Area	84
Peas (harvested green)	
Area	198
Cauliflower	
Area	543
Other vegetables	
Area	1 146

¹ Except for number and area of holdings, all other data refer to holdings with an agricultural area of 0.51 hectare and over. - ² Includes 506,652 hectares of cultivated meadows for hay. - ³ Includes 156,190 hectares of permanent pastures and 19,446 hectares of unused meadows.

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Area: in hectares

Not classified by size of holding

Cultivation under glass ⁴	
Number of holdings reporting	4 272
Area	203
Permanent crops	
Apples	
Number of trees	3 181 217
Pears	
Number of trees	457 588
Cherries	
Number of trees	386 331
Plums	
Number of trees	1 046 751
Strawberries	
Number of holdings reporting	16 712
Area	871
Raspberries	
Number of holdings reporting	16 633
Area	439
Gooseberries	
Number of bushes	2 185 785
Currants	
Number of bushes	2 995 822
Nurseries ⁵	
Number of holdings reporting	268
Area	301
3 - LIVESTOCK AND POULTRY	
Horses	
Number of holdings reporting	96 436
Total number of horses	116 815
Horses under 3 years of age	(6 741)
Horses 3 years of age and over	(110 074)
Cattle	
Total number of cattle	1 104 482
Young stock under 1 year of age	(323 768)
Oxen 1 year of age and over	(46 348)
Heifers	(136 890)
Cows	
Number of holdings reporting	150 767
Number of cows	(597 476)
Sheep	
Number of holdings reporting	109 390
Total number of sheep	1 806 036
Lambs under 1 year of age	(945 227)
Sheep 1 year of age and over	(860 809)
Goats	
Number of holdings reporting	7 160
Total number of goats	100 894
Goats under 1 year of age	(25 162)
Goats 1 year of age and over	(75 732)
Pigs	
Number of holdings reporting	102 447
Total number of pigs	475 063
Pigs under 6 months of age	393 122
Piglets under 2 months	(138 451)
Piglets 2 months and under 6 months	(254 671)
Pigs 6 months of age and over	81 941
Sows and gilts for breeding	(60 035)
Boars for breeding	(2 653)
Other pigs for slaughtering	(19 253)

Poultry and rabbits	
Hens and cocks (adult only)	
Number of holdings reporting	101 024
Number of hens and cocks	3 039 165
Rabbits (6 months of age and over)	
Number of holdings reporting	4 941
Number of rabbits	16 267
Bees	
Number of holdings reporting	6 129
Number of beehives	44 350
Fur-bearing animals	
Number of holdings reporting	2 436
Number of foxes	74 012
Number of minks	797 394

4 - EMPLOYMENT IN AGRICULTURE

Persons permanently employed in agricultural work on the holding

Members of the holder's family ^{6,7}	
Employed during summer	70 412
Male	(36 279)
Female	(34 133)
Employed during winter	55 743
Male	(26 397)
Female	(29 346)
Persons working for pay	
Employed during summer	23 375
Male	(16 336)
Female	(7 039)
Employed during winter	19 703
Male	(13 595)
Female	(6 108)

Number of man-days worked on the holding by temporary workers

Members of the holder's family ⁷	
Male	3 414 518
Female	(2 054 872)
Persons working for pay	(1 359 646)
Male	3 038 970
Female	(2 141 686)
Female	(897 284)

Number of man-years performed on the holding

By family workers ⁸	
Male	352 038
Female	(155 989)
Female	(196 049)
By hired workers	
Male	32 433
Female	(22 632)
Female	(9 801)

5 - FARM POPULATION

Vocational training ⁹

Total number of holdings with persons having passed:	
Agricultural vocational schools	28 393
Domestic science schools	23 778
Total number of holders having passed:	
Agricultural vocational schools	25 617
Domestic science schools	21 459

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment on the holding

Internal combustion motors	
Number of holdings reporting	5 294
Number of internal combustion motors ..	5 321

⁴ Includes both temporary and permanent crops. - ⁵ On holdings having at least a nursery garden area of 1 dekar (0.1 hectare). - ⁶ Data refer to holdings with an agricultural area of 0.51 hectare and over. - ⁷ Persons 15 years of age and over, excluding holders and spouses. - ⁸ Includes the holder, his (her) spouse and other family members.

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Area: in hectares

Not classified by size of holding

Electric motors			
Number of holdings reporting	70 762		
Number of electric motors	107 788		
Tractors			
Number of holdings reporting	50 969		
Total number of tractors	55 786		
<i>Wheel tractors</i>	44 962		
Less than 20 hp	(5 281)		
20 hp and less than 40	(36 922)		
40 hp and over	(2 759)		
<i>Tracklaying tractors</i>	321		
<i>Garden tractors</i>	10 503		
Plows			
Number of holdings reporting	123 199		
Number of plows	170 362		
Disk harrows			
Number of holdings reporting	47 268		
Number of disk harrows	51 476		
Grain drills			
Number of holdings reporting	48 550		
Number of grain drills	39 351		
Cultivators and spring-tooth harrows			
Number of holdings reporting	107 751		
Number of cultivators and spring-tooth harrows	126 722		
Fertilizer distributors			
Number of fertilizer distributors	39 257		
Sprayers (total)		31 964	
Knapsack sprayers	(15 947)		
Other sprayers	(16 017)		
Potato planting machines			
Number of holdings reporting	11 339		
Number of potato planting machines	9 049		
Other planting machines			
Number of holdings reporting	770		
Number of planting machines	750		
Rotary tillers			
Number of holdings reporting	4 101		
Number of rotary tillers	4 272		
Mowers			
Number of holdings reporting	105 746		
Number of mowers	116 857		
Rakes			
Number of rakes	143 064		
Binders			
Number of holdings reporting	15 856		
Number of binders	14 398		
Combines (harvester-threshers)			5 606
Number of holdings reporting			4 678
Number of combines			
Threshers			
Number of holdings reporting		37 970	
Number of threshers		24 535	
Potato diggers			
Number of holdings reporting		49 095	
Number of potato diggers		41 381	
Ditching machines			
Number of ditching machines		4 200	
Milking machines			
Number of holdings reporting		39 480	
Number of milking machines		39 922	
Incubators			
Number of holdings reporting		1 380	
Number of incubators		2 001	
Transport fans			
Number of holdings reporting		8 858	
Number of transport fans		8 640	
Agricultural winches			
Number of holdings reporting		2 654	
Number of winches		2 652	
Wagons and carts			
Number of holdings reporting		129 609	
Number of wagons and carts		309 636	
Lorries			
Number of holdings reporting		9 968	
Number of lorries		10 464	
Automobiles			
Number of automobiles		22 558	
7 - IRRIGATION AND DRAINAGE ⁶			
Land provided with irrigation facilities			
Number of holdings reporting		5 318	
Area		17 994	
8 - FERTILIZERS AND SOIL DRESSINGS ⁶			
Application of soil dressings			
Lime			
Area treated (in 1958)		23 689	

⁶ Data refer to holdings with an agricultural area of 0.51 hectare and over.

Area: in hectares

SIZE CLASSIFICATION

	All sizes of holdings	Up to 0.2 ha ¹	0.21 and up to 0.5 ha	0.51 and up to 1.0 ha	1.01 and up to 2.0 ha
		Up to 2 dekar ¹	2.1 and up to 5 dekar	5.1 and up to 10 dekar	10.1 and up to 20 dekar
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings²					
Number	433 920	204 664	30 941	19 414	40 881
Percentage distribution	100.0	47.2	7.1	4.5	9.1
Area	7 622 744	172 034	81 603	115 111	488 051
Percentage distribution	100.0	2.2	1.1	1.5	6.3
Age of the holder					
Number of male holders	(...)	(...)	(...)	17 194	37 151
Under 40 years of age	(...)	(...)	(...)	(2 480)	(5 251)
40 and under 60 years of age	(...)	(...)	(...)	(9 174)	(20 041)
60 years of age and over	(...)	(...)	(...)	(5 540)	(11 861)
Main occupation of the holder (civil persons)					
Number of holders with agricultural main occupation ..	(...)	(...)	(...)	3 762	12 851
Number of holders with nonagricultural main occupation	(...)	(...)	(...)	15 523	27 891
Legal status of the holder					
Holdings operated by:					
Civil persons	(...)	(...)	(...)	19 285	40 751
Others	(...)	(...)	(...)	129	131
Number of holdings, by tenure					
Holdings operated under one form of tenure					
Holdings owned by the holder or in ownerlike possession					
Number	(...)	(...)	(...)	17 546	37 001
Holdings rented from others					
Number (total)					
For a fixed amount of money	(...)	(...)	(...)	1 444	2 601
Number	(...)	(...)	(...)	(582)	(1 261)
In exchange for services	(...)	(...)	(...)	(190)	(241)
Number	(...)	(...)	(...)	(672)	(1 091)
Operated under other forms of renting					
Number	(...)	(...)	(...)	(218)	(471)
Holdings operated under more than one form of tenure					
Number (total)	(...)	(...)	(...)	424	1 281
More than 50% rented					
Number	(...)	(...)	(...)	(218)	(471)
Up to 50% rented					
Number	(...)	(...)	(...)	(206)	(801)
1 - LAND UTILIZATION					
Utilization of land in holdings (area)					
Cropland ³	854 529	15 778	10 212	14 373	56 731
Permanent meadows and pastures ⁴	175 637	238	861	1 264	5 454
Wood or forest land	3 659 903	100 744	45 296	48 404	204 061
All other land	2 932 674	55 274	25 234	51 070	221 791

¹ Includes information for 1,161 holdings without agricultural land with an area of 3,481 hectares. - ² Size classification by total area of holding is only available for the data on the number of holdings. This classification is given in the national report as follows:

	All sizes of holdings	Up to 0.2 ha	0.21 and up to 0.5 ha	0.51 and up to 1.0 ha	1.01 and up to 2.0 ha
		Up to 2 dekar	2.1 and up to 5 dekar	5.1 and up to 10 dekar	10.1 and up to 20 dekar
0 - HOLDER, HOLDING AND TENURE					
Number of holdings	433 920	219 057	37 279	36 996	35 440
Percentage distribution	100.0	50.5	8.6	8.5	8.2

³ Includes 506,652 hectares of cultivated meadows for hay. - ⁴ Includes 156,190 hectares of permanent pastures and 19,446 hectares of unus meadows.

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Classified by size of holding

AGRICULTURAL AREA OF HOLDING

.01 and up to 5.0 ha	5.01 and up to 10.0 ha	10.01 and up to 20.0 ha	20.01 and up to 50.0 ha	50.01 and up to 100.0 ha	100.01 ha and over	
0.1 and up to 0 dekar	50.1 and up to 100 dekar	100.1 and up to 200 dekar	200.1 and up to 500 dekar	500.1 and up to 1 000 dekar	1 000.1 dekar and over	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings ²
75 527	42 126	15 074	4 870	372	43	Number
17.4	9.7	3.5	1.1	0.1	—	Percentage distribution
2 460 103	2 395 679	1 210 341	551 338	126 413	22 072	Area
32.3	31.4	15.9	7.2	1.7	0.3	Percentage distribution
						Age of the holder
70 731	40 336	14 473	4 624	315	27	Number of male holders
(11 613)	(8 501)	(3 665)	(1 331)	(85)	(10)	Under 40 years of age
(38 476)	(22 630)	(8 092)	(2 584)	(178)	(12)	40 and under 60 years of age
(20 642)	(9 205)	(2 716)	(709)	(52)	(5)	60 years of age and over
						Main occupation of the holder (civil persons)
48 158	37 629	14 483	4 646	313	27	Number of holders with agricultural main occupation
27 207	4 390	505	115	17	2	Number of holders with nonagricultural main occupation
						Legal status of the holder
						Holdings operated by:
75 365	42 019	14 988	4 761	330	29	Civil persons
162	107	86	109	42	14	Others
						Number of holdings, by tenure
						Holdings operated under one form of tenure
						Holdings owned by the holder or in ownerlike possession
66 935	35 513	11 481	3 381	263	29	Number
4 255	2 675	1 646	814	37	7	Holdings rented from others
(2 523)	(1 975)	(1 475)	(769)	(33)	(6)	Number (total)
(148)	(24)	(2)	(2)	(—)	(—)	For a fixed amount of money
(1 584)	(676)	(169)	(43)	(4)	(1)	Number
4 337	3 938	1 947	675	72	7	In exchange for services
(899)	(594)	(314)	(128)	(14)	(2)	Number
(3 438)	(3 344)	(1 633)	(547)	(58)	(5)	Operated under other forms of renting
						Number
						Holdings operated under more than one form of tenure
						Number (total)
						More than 50% rented
						Number
						Up to 50% rented
						Number
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
220 078	235 498	166 476	112 077	18 760	4 545	Cropland ³
35 811	59 322	41 095	25 269	4 947	1 376	Permanent meadows and pastures ⁴
1 038 414	1 133 960	662 391	328 535	84 179	13 912	Wood or forest land
1 165 800	966 898	340 379	85 457	18 527	2 239	All other land

2.01 and up to 5.0 ha	5.01 and up to 10.0 ha	10.01 and up to 20.0 ha	20.01 and up to 50.0 ha	50.01 and up to 100.0 ha	100.01 ha and over	
20.1 and up to 50 dekar	50.1 and up to 100 dekar	100.1 and up to 200 dekar	200.1 and up to 500 dekar	500.1 and up to 1 000 dekar	1 000.1 dekar and over	
						0 - HOLDER, HOLDING AND TENURE
35 704	37 949	16 573	13 354	1 049	519	Number of holdings
8.2	8.8	3.8	3.1	0.2	0.1	Percentage distribution

Area: in hectares

SIZE CLASSIFICATION B¹

	All sizes of holdings	Up to 0.2 ha ¹	0.21 and up to 0.5 ha	0.51 and up to 1.0 ha	1.01 and up to 2.0 ha
		Up to 2 dekar ¹	2.1 and up to 5 dekar	5.1 and up to 10 dekar	10.1 and up to 20 dekar
2 - CROPS - AREA					
Crops on arable land					
Wheat					
Number of holdings reporting	7 431	12	74	91	261
Rye					
Number of holdings reporting	702	—	3	9	28
Barley					
Number of holdings reporting	64 692	360	1 169	1 545	4 967
Oats					
Number of holdings reporting	43 101	287	728	1 110	3 639
Mixed grains					
Number of holdings reporting	2 097	16	41	55	155
Edible dry peas					
Number of holdings reporting	273	15	15	6	14
Potatoes					
Number of holdings reporting	234 332	43 666	16 320	13 668	33 411
Area	55 248	1 523	1 165	1 247	3 764
Turnips for feed					
Number of holdings reporting	19 713	72	79	158	1 123
Beets for feed					
Number of holdings reporting	5 398	35	49	97	337
Kale for feed					
Number of holdings reporting	12 226	19	27	54	419
Kohlrabi for feed					
Number of holdings reporting	35 512	330	409	678	2 360
Leguminous plants cut for green feed					
Number of holdings reporting	36 992	289	588	1 398	5 526
Area	11 411	14	57	172	931
Vegetables					
Number of holdings reporting	70 858	21 325	5 619	2 859	6 100
Permanent crops					
Fruit trees					
Number of holdings reporting	289 623	167 498	21 950	9 835	17 944
Number of trees	5 071 887	739 049	422 628	214 375	385 823
Small fruits and berries					
Number of holdings reporting	331 772	171 920	24 356	12 467	24 911
Number of bushes	5 181 607	2 066 251	457 369	217 141	409 198
Strawberries					
Number of holdings reporting	16 712	6 055	2 127	970	1 543
Raspberries					
Number of holdings reporting	16 633	8 181	2 242	703	1 105
3 - LIVESTOCK AND POULTRY					
Horses					
Number of holdings reporting	96 436	473	340	684	5 792
Total number of horses	116 815	620	397	746	5 873
Horses under 3 years of age	(6 741)	(45)	(28)	(31)	(139)
Horses 3 years of age and over	(110 074)	(575)	(369)	(715)	(5 734)

¹ Includes information for 1,161 holdings without agricultural land with an area of 3,481 hectares.

NORWAY

Classified by size of holding

AGRICULTURAL AREA OF HOLDING

0.1 and up to 5.0 ha	5.01 and up to 10.0 ha	10.01 and up to 20.0 ha	20.01 and up to 50.0 ha	50.01 and up to 100.0 ha	100.01 ha and over	
0.1 and up to 5 dekar	50.1 and up to 100 dekar	100.1 and up to 200 dekar	200.1 and up to 500 dekar	500.1 and up to 1 000 dekar	1 000.1 dekar and over	
						2 - CROPS - AREA
						Crops on arable land
						Wheat
1 206	2 028	2 213	1 354	169	23	Number of holdings reporting
						Rye
114	207	165	153	22	1	Number of holdings reporting
						Barley
18 301	20 761	12 555	4 632	362	40	Number of holdings reporting
						Oats
12 226	12 698	8 505	3 590	284	34	Number of holdings reporting
						Mixed grains
549	624	480	164	9	4	Number of holdings reporting
						Edible dry peas
43	74	64	35	5	2	Number of holdings reporting
						Potatoes
67 958	39 827	14 481	4 619	345	37	Number of holdings reporting
13 061	15 131	11 141	6 644	1 296	276	Area
						Turnips for feed
6 092	7 961	3 452	725	44	7	Number of holdings reporting
						Beets for feed
1 636	2 031	989	207	15	2	Number of holdings reporting
						Kale for feed
3 424	4 889	2 165	1 055	153	21	Number of holdings reporting
						Kohlrabi for feed
10 334	12 134	6 560	2 464	216	27	Number of holdings reporting
						Leguminous plants cut for green feed
16 814	10 041	1 951	359	23	3	Number of holdings reporting
4 528	4 242	1 111	303	47	6	Area
						Vegetables
14 817	12 067	5 718	2 132	200	21	Number of holdings reporting
						Permanent crops
						Fruit trees
34 477	23 030	10 612	3 926	321	30	Number of holdings reporting
893 045	773 699	377 777	213 723	41 740	10 028	Number of trees
						Small fruits and berries
49 511	31 502	12 606	4 156	313	30	Number of holdings reporting
911 036	671 881	299 283	127 210	19 140	3 098	Number of bushes
						Strawberries
2 854	1 941	885	294	38	5	Number of holdings reporting
						Raspberries
1 941	1 306	681	407	61	6	Number of holdings reporting
						3 - LIVESTOCK AND POULTRY
						Horses
40 129	32 206	12 406	4 065	311	30	Number of holdings reporting
42 449	39 368	18 545	7 781	931	105	Total number of horses
(1 420)	(2 593)	(1 544)	(786)	(147)	(8)	Horses under 3 years of age
(41 029)	(36 775)	(17 001)	(6 995)	(784)	(97)	Horses 3 years of age and over

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Up to 0.2 ha ¹	0.21 and up to 0.5 ha	0.51 and up to 1.0 ha	1.01 and up to 2.0 ha
		Up to 2 dekar ¹	2.1 and up to 5 dekar	5.1 and up to 10 dekar	10.1 and up to 20 dekar
Cattle					
Total number of cattle	1 104 482	1 325	3 807	14 245	74 041
Young stock under 1 year of age	(323 768)	(461)	(1 156)	(4 410)	(23 001)
Oxen 1 year of age and over	(46 348)	(28)	(69)	(287)	(1 520)
Heifers	(136 890)	(109)	(265)	(1 187)	(6 925)
Cows					
Number of holdings reporting	150 767	569	2 031	6 448	24 654
Number of cows	(597 476)	(727)	(2 317)	(8 361)	(42 595)
Sheep					
Number of holdings reporting	109 390	3 306	4 864	7 423	20 263
Number of sheep	1 806 036	19 643	35 408	63 604	210 253
Goats					
Number of holdings reporting	7 160	115	164	298	1 030
Number of goats	100 894	762	969	2 208	9 896
Pigs					
Number of holdings reporting	102 447	12 677	4 771	4 359	11 355
Total number of pigs	475 063	27 681	12 137	11 765	30 551
Pigs for breeding, 6 months of age and over	(62 688)	(405)	(496)	(551)	(1 654)
Other pigs	(412 375)	(27 276)	(11 641)	(11 214)	(28 897)
Poultry and rabbits					
Hens and cocks (adult only)					
Number of holdings reporting	101 024	9 957	5 479	5 398	13 505
Number of hens and cocks	3 039 165	209 646	136 271	134 874	291 611
Rabbits (6 months of age and over)					
Number of holdings reporting	4 941	41	2 396	220	374
Number of rabbits	16 267	6 920	1 742	764	1 267
Bees					
Number of holdings reporting	6 129	1 974	554	302	610
Number of beehives	44 350	16 155	4 319	2 598	5 015
Fur-bearing animals					
Number of holdings reporting	2 436	605	183	115	286
Number of foxes	74 012	17 257	4 444	4 052	6 057
Number of minks	797 394	214 889	76 803	45 097	67 288
4 - EMPLOYMENT IN AGRICULTURE					
Persons permanently employed in agricultural work on the holding					
Members of the holder's family ⁵					
Employed during summer .....	...	...	...	2 193	7 738
Male	(...)	(...)	(...)	(839)	(3 223)
Female	(...)	(...)	(...)	(1 354)	(4 515)
Employed during winter .....	...	...	...	1 618	5 827
Male	(...)	(...)	(...)	(466)	(1 983)
Female	(...)	(...)	(...)	(1 152)	(3 844)
Persons working for pay on the holding					
Employed during summer .....	...	...	...	562	1 187
Male	(...)	(...)	(...)	(308)	(551)
Female	(...)	(...)	(...)	(254)	(636)
Employed during winter .....	...	...	...	488	1 033
Male	(...)	(...)	(...)	(253)	(462)
Female	(...)	(...)	(...)	(235)	(571)
Number of man-days worked on the holding by temporary workers					
Members of the holder's family ⁵					
Male	(...)	(...)	(...)	125 171	472 194
Female	(...)	(...)	(...)	(65 482)	(276 724)
Persons working for pay on the holding					
Male	(...)	(...)	(...)	(59 689)	(195 470)
Female	(...)	(...)	(...)	59 467	166 484
Male	(...)	(...)	(...)	(36 397)	(105 052)
Female	(...)	(...)	(...)	(23 070)	(61 432)
Number of man-years performed on the holding					
By family workers ⁶					
Male	(...)	(...)	(...)	22 907	56 005
Female	(...)	(...)	(...)	(6 333)	(18 780)
By hired workers					
Male	(...)	(...)	(...)	(16 574)	(37 225)
Female	(...)	(...)	(...)	744	1 717
Male	(...)	(...)	(...)	(411)	(887)
Female	(...)	(...)	(...)	(333)	(830)

¹ Includes information for 1,161 holdings without agricultural land with an area of 3,481 hectares - ⁵ Persons 15 years of age and over excluding holders and spouses. - ⁶ Includes the holder, his (her) spouse and other family members.

NORWAY

Classified by size of holding

AGRICULTURAL AREA OF HOLDING

.01 and up to 5.0 ha	5.01 and up to 10.0 ha	10.01 and up to 20.0 ha	20.01 and up to 50.0 ha	50.01 and up to 100.0 ha	100.01 ha and over	
0.1 and up to 0.9 dekar	50.1 and up to 99.9 dekar	100.1 and up to 199.9 dekar	200.1 and up to 499.9 dekar	500.1 and up to 999.9 dekar	1 000.1 dekar and over	
330 352 (100 089) (9 829) (35 374)	369 427 (108 969) (16 079) (44 172)	201 455 (57 069) (11 884) (28 721)	91 934 (24 283) (5 846) (16 082)	13 985 (3 395) (620) (3 145)	3 911 (935) (186) (910)	Cattle Total number of cattle Young stock under 1 year of age Oxen 1 year of age and over Heifers Cows Number of holdings reporting Number of cows
61 550 (185 060)	37 999 (200 207)	13 297 (103 781)	3 904 (45 723)	280 (6 825)	35 (1 880)	Sheep Number of holdings reporting Number of sheep
42 667 648 803	24 032 596 004	5 699 190 198	1 055 37 524	72 3 012	9 1 587	Goats Number of holdings reporting Number of goats
3 350 47 672	1 902 33 980	276 4 822	24 584	1 1	— —	Pigs Number of holdings reporting Total number of pigs Pigs for breeding, 6 months of age and over Other pigs
29 536 101 469 (10 766) (90 703)	24 256 130 204 (20 371) (109 833)	11 357 98 484 (17 364) (81 120)	3 838 51 940 (9 798) (42 142)	272 8 753 (1 078) (7 675)	26 2 079 (205) (1 874)	Poultry and rabbits Hens and cocks (adult only) Number of holdings reporting Number of hens and cocks Rabbits (6 months of age and over) Number of holdings reporting Number of rabbits
31 073 801 235	22 044 789 620	9 954 451 628	3 363 190 903	233 30 409	18 2 968	Bees Number of holdings reporting Number of beehives
728 2 167	655 1 860	370 1 012	147 488	9 45	1 2	Fur-bearing animals Number of holdings reporting Number of foxes Number of minks
1 267 8 598	798 4 699	415 1 830	181 1 019	24 104	4 13	
668 20 903 186 572	407 14 321 109 066	127 5 333 54 459	38 1 140 33 219	7 505 10 001	— — —	
						4 - EMPLOYMENT IN AGRICULTURE
						Persons permanently employed in agricultural work on the holding
						Members of the holder's family ^a
						Employed during summer
26 034 (12 589) (13 445)	22 852 (12 388) (10 464)	8 923 (5 394) (3 529)	2 504 (1 722) (782)	163 (119) (44)	5 (5) (—)	Male Female
						Employed during winter
20 226 (8 711) (11 515)	18 516 (9 543) (8 973)	7 374 (4 267) (3 107)	2 050 (1 333) (717)	127 (89) (38)	5 (5) (—)	Male Female
						Persons working for pay on the holding
						Employed during summer
3 273 (1 520) (1 753)	4 419 (2 550) (1 869)	5 330 (3 934) (1 396)	6 233 (5 312) (921)	1 859 (1 694) (165)	512 (467) (45)	Male Female
						Employed during winter
2 710 (1 186) (1 524)	3 535 (1 961) (1 574)	4 626 (3 440) (1 186)	5 256 (4 420) (836)	1 609 (1 465) (144)	446 (408) (38)	Male Female
						Number of man-days worked on the holding by temporary workers
						Members of the holder's family ^a
						Male
413 342 (837 535) (575 807)	947 636 (578 658) (368 978)	344 582 (218 934) (125 648)	103 473 (71 968) (31 505)	7 761 (5 460) (2 301)	359 (111) (248)	Female
						Persons working for pay on the holding
671 202 (438 602) (232 600)	929 754 (661 109) (268 645)	730 694 (538 703) (191 991)	399 049 (301 843) (97 206)	64 325 (45 432) (18 893)	17 995 (14 548) (3 447)	Male Female
						Number of man-years performed on the holding
						By family workers ^a
						Male
32 955 (57 942) (75 013)	92 557 (47 115) (45 442)	35 503 (19 086) (16 417)	11 288 (6 277) (5 011)	823 (456) (367)		Female
						By hired workers
5 402 (2 926) (2 476)	7 298 (4 613) (2 685)	7 593 (5 616) (1 977)	7 171 (5 948) (1 223)	2 508 (2 231) (277)		Male Female

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Up to 0.2 ha ¹	0.21 and up to 0.5 ha	0.51 and up to 1.0 ha	1.01 and up to 2.0 ha
		Up to 2 dekar ¹	2.1 and up to 5 dekar	5.1 and up to 10 dekar	10.1 and up to 20 dekar
5 - FARM POPULATION					
Vocational training					
Total number of holdings with persons having passed:					
Agricultural vocational schools .....	...	...	...	832	1 814
Domestic science schools .....	...	...	...	1 028	2 226
Total number of holders having passed:					
Agricultural vocational schools .....	...	...	...	801	1 696
Domestic science schools .....	...	...	...	962	2 061
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES					
Selected agricultural equipment on the holding					
Internal combustion motors					
Number of holdings reporting	5 294	70	42	75	413
Number of internal combustion motors	5 321	70	43	77	401
Electric motors					
Number of holdings reporting	70 762	4 066	1 519	1 687	5 159
Number of electric motors	107 788	5 237	2 022	2 166	5 974
Tractors					
Number of holdings reporting	50 969	725	420	783	3 363
Total number of tractors	55 786	964	464	812	3 389
<i>Wheel tractors</i>					
Less than 20 hp	44 962	746	184	273	1 345
20 hp and less than 40	(5 281)	(38)	(32)	(70)	(373)
40 hp and over	(36 922)	(510)	(113)	(169)	(876)
<i>Tracklaying tractors</i>					
40 hp and over	(2 759)	(198)	(39)	(34)	(96)
<i>Garden tractors</i>					
321	321	54	12	12	25
10 503	10 503	164	268	527	2 019
Plows					
Number of holdings reporting	123 199	990	689	1 774	11 275
Number of plows	170 362	1 239	762	1 846	11 945
Disk harrows					
Number of holdings reporting	47 268	454	219	416	3 078
Number of disk harrows	51 476	507	239	425	3 085
Grain drills					
Number of holdings reporting	48 550	243	115	189	1 348
Number of grain drills	39 351	201	93	141	880
Cultivators and spring-tooth harrows					
Number of holdings reporting	107 751	780	521	1 350	8 616
Number of cultivators and spring-tooth harrows	126 722	868	548	1 382	8 768
Fertilizer distributors					
Number of fertilizer distributors	39 257	119	46	41	259
Sprayers (total)					
Number of holdings reporting	31 964	1 345	830	776	1 890
Knapsack sprayers	(15 947)	(933)	(419)	(328)	(916)
Other sprayers	(16 017)	(412)	(411)	(448)	(974)
Potato planting machines					
Number of holdings reporting	11 339	73	20	21	113
Number of potato planting machines	9 049	70	18	19	90
Other planting machines					
Number of holdings reporting	770	5	4	3	13
Number of planting machines	750	5	4	3	13
Rotary tillers					
Number of holdings reporting	4 101	209	444	468	754
Number of rotary tillers	4 272	207	454	485	807

¹ Includes information for 1,161 holdings without agricultural land with an area of 3,481 hectares.

NORWAY

Classified by size of holding

AGRICULTURAL AREA OF HOLDING

.01 and up to 5.0 ha	5.01 and up to 10.0 ha	10.01 and up to 20.0 ha	20.01 and up to 50.0 ha	50.01 and up to 100.0 ha	100.01 ha and over	
0.1 and up to 0 dekar	50.1 and up to 100 dekar	100.1 and up to 200 dekar	200.1 and up to 500 dekar	500.1 and up to 1 000 dekar	1 000.1 dekar and over	
5 - FARM POPULATION						
Vocational training						
Total number of holdings with persons having passed:						
6 621	8 984	6 391	3 413	308	30	Agricultural vocational schools
6 114	6 719	4 816	2 616	243	16	Domestic science schools
Total number of holders having passed:						
6 007	7 911	5 709	3 189	279	25	Agricultural vocational schools
5 505	5 940	4 339	2 422	218	12	Domestic science schools
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
Selected agricultural equipment on the holding						
Internal combustion motors						
Number of holdings reporting						
1 997	1 937	546	166	35	13	Number of internal combustion motors
1 939	1 957	600	178	42	14	
Electric motors						
Number of holdings reporting						
20 190	21 902	11 582	4 269	348	40	Number of electric motors
24 208	31 603	22 256	12 043	1 854	425	
Tractors						
Number of holdings reporting						
13 184	16 048	11 395	4 643	366	42	Total number of tractors
13 375	16 543	12 364	6 755	926	194	<i>Wheel tractors</i>
8 258	14 484	12 003	6 596	892	181	Less than 20 hp
(2 075)	(1 860)	(549)	(237)	(43)	(4)	20 hp and less than 40
(5 788)	(12 150)	(10 938)	(5 588)	(661)	(129)	40 hp and over
(395)	(474)	(516)	(771)	(188)	(48)	<i>Tracklaying tractors</i>
76	67	38	27	8	2	<i>Garden tractors</i>
5 041	1 992	323	132	26	11	
Plows						
Number of holdings reporting						
51 228	37 515	14 521	4 798	368	41	Number of plows
61 627	54 443	26 103	10 961	1 226	210	
Disk harrows						
Number of holdings reporting						
16 802	15 364	7 395	3 183	316	41	Number of disk harrows
17 142	16 478	8 749	4 312	463	76	
Grain drills						
Number of holdings reporting						
11 500	18 044	12 062	4 643	365	41	Number of grain drills
7 705	13 473	11 048	5 248	491	71	
Cultivators and spring-tooth harrows						
Number of holdings reporting						
43 445	33 913	13 988	4 729	368	41	Number of cultivators and spring-tooth harrows
45 665	39 794	20 118	8 553	883	143	
Fertilizer distributors						
Number of fertilizer distributors						
5 311	14 187	12 456	6 077	650	111	
Sprayers (total)						
Number of holdings reporting						
8 335	10 013	5 212	2 973	492	98	Knapsack sprayers
(4 905)	(5 259)	(2 168)	(879)	(114)	(26)	Other sprayers
(3 430)	(4 754)	(3 044)	(2 094)	(378)	(72)	
Potato planting machines						
Number of holdings reporting						
1 284	3 641	3 922	1 986	245	34	Number of potato planting machines
1 075	2 848	2 961	1 676	254	38	
Other planting machines						
Number of holdings reporting						
91	181	267	168	31	7	Number of planting machines
89	168	257	170	33	8	
Rotary tillers						
Number of holdings reporting						
1 150	595	241	168	54	18	Number of rotary tillers
1 188	603	257	189	62	20	

Area: in hectares
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Up to 0.2 ha ¹	0.21 and up to 0.5 ha	0.51 and up to 1.0 ha	1.01 and up to 2.0 ha
		Up to 2 dekar ¹	2.1 and up to 5 dekar	5.1 and up to 10 dekar	10.1 and up to 20 dekar
Mowers					
Number of holdings reporting	105 746	646	339	739	6 853
Number of mowers	116 857	709	344	729	6 600
Rakes					
Number of rakes	143 064	606	270	360	3 534
Binders					
Number of holdings reporting	15 856	125	33	20	74
Number of binders	14 398	125	32	19	69
Combines (harvester-threshers)					
Number of holdings reporting	5 606	33	8	2	15
Number of combines	4 678	37	7	2	15
 threshers					
Number of holdings reporting	37 970	199	75	134	1 147
Number of threshers	24 535	151	58	92	606
Potato diggers					
Number of holdings reporting	49 095	248	116	203	1 359
Number of potato diggers	41 381	230	101	178	1 000
Ditching machines					
Number of ditching machines	4 200	278	48	48	107
Milking machines					
Number of holdings reporting	39 480	32	22	32	269
Number of milking machines	39 922	32	22	32	269
Incubators					
Number of holdings reporting	1 380	40	27	42	99
Number of incubators	2 001	80	47	70	164
Transport fans					
Number of holdings reporting	8 858	12	27	2	44
Number of transport fans	8 640	16	26	2	37
Wagons and carts					
Number of holdings reporting	129 609	1 003	696	1 660	11 474
Number of wagons and carts	309 636	1 688	1 055	2 292	17 234
Lorries					
Number of holdings reporting	9 968	216	175	281	772
Number of lorries	10 464	244	193	298	820
Automobiles					
Number of automobiles	22 558	980	814	902	1 824
7 - IRRIGATION AND DRAINAGE					
Land provided with irrigation facilities					
Number of holdings reporting .....	...	...	...	517	878
Area .....	...	...	...	305	903
8 - FERTILIZERS AND SOIL DRESSINGS					
Application of soil dressings					
Lime					
Area treated (in 1958) .....	...	...	...	220	870

¹ Includes information for 1,161 holdings without agricultural land with an area of 3,481 hectares.

NORWAY

Classified by size of holding

AGRICULTURAL AREA OF HOLDING

Up to 0.1 ha	5.01 and up to 10.0 ha	10.01 and up to 20.0 ha	20.01 and up to 50.0 ha	50.01 and up to 100.0 ha	100.01 ha and over	
Up to 10 dekar	50.1 and up to 100 dekar	100.1 and up to 200 dekar	200.1 and up to 500 dekar	500.1 and up to 1 000 dekar	1 000.1 dekar and over	
43 361	35 169	13 740	4 510	351	38	Mowers
44 087	39 658	17 523	6 488	630	89	Number of holdings reporting
						Number of mowers
40 318	52 328	30 897	13 099	1 426	226	Rakes
						Number of rakes
677	4 023	7 101	3 477	292	34	Binders
548	3 250	6 486	3 498	326	45	Number of holdings reporting
						Number of binders
129	651	2 077	2 369	284	38	Combines (harvester-threshers)
81	397	1 563	2 224	301	51	Number of holdings reporting
						Number of combines
9 756	14 109	9 011	3 232	279	28	Threshers
4 948	8 450	6 893	3 022	285	30	Number of holdings reporting
						Number of threshers
12 094	19 072	11 465	4 168	333	37	Potato diggers
9 069	15 423	10 490	4 374	449	67	Number of holdings reporting
						Number of potato diggers
442	969	1 239	943	113	13	Ditching machines
						Number of ditching machines
7 119	17 347	10 588	3 754	285	32	Milking machines
7 123	17 411	10 768	3 905	320	40	Number of holdings reporting
						Number of milking machines
380	433	244	91	21	3	Incubators
497	601	324	162	46	10	Number of holdings reporting
						Number of incubators
572	2 387	3 420	2 115	246	33	Transport fans
507	2 141	3 328	2 246	294	43	Number of holdings reporting
						Number of transport fans
55 657	39 412	14 547	4 752	367	41	Wagons and carts
106 759	102 294	53 447	22 141	2 341	385	Number of holdings reporting
						Number of wagons and carts
2 276	2 744	2 097	1 209	174	24	Lorries
2 381	2 847	2 180	1 282	190	29	Number of holdings reporting
						Number of lorries
5 254	5 124	4 593	2 733	296	38	Automobiles
						Number of automobiles
						7 - IRRIGATION AND DRAINAGE
						Land provided with irrigation facilities
1 634	1 268	657	302	47	15	Number of holdings reporting
3 269	4 393	4 131	3 403	1 090	500	Area
						8 - FERTILIZERS AND SOIL DRESSINGS
						Application of soil dressings
						Lime
5 080	7 632	5 610	3 602	560	115	Area treated (in 1958)

SELECTED DATA FROM CENSUSES
OF 1949 AND 1959

NORWAY

Area: in hectares

	1949	1959		1949	1959
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings, by size			Potatoes		
All sizes of holdings			Number of holdings reporting ..	244 496	234 332
Number	349 528	433 920	Area	58 241	55 248
Area	7 052 895	7 622 744	Permanent crops		
Holdings up to 0.5 ha			Apples		
Number	136 087	235 605	Number of trees	2 245 090	3 181 217
Area	150 186	253 637	Pears		
Holdings 0.51 and up to 1.0 ha			Number of trees	335 484	457 588
Number	23 556	19 414	Cherries		
Area	106 646	115 111	Number of trees	344 972	386 331
Holdings 1.01 and up to 5.0 ha			Plums		
Number	126 574	116 416	Number of trees	690 614	1 046 751
Area	2 462 719	2 948 153			
Holdings 5.01 and up to 10.0 ha			3 - LIVESTOCK AND POULTRY		
Number	42 526	42 126	Horses		
Area	2 164 914	2 395 679	Number of horses	198 266	116 815
Holdings 10.01 and up to 20.0 ha			Cattle		
Number	15 597	15 074	Number of cattle	1 224 133	1 104 482
Area	1 355 414	1 210 341	Sheep		
Holdings 20.01 and up to 50.0 ha			Number of sheep	1 735 623	1 806 036
Number	4 809	4 870	Goats		
Area	655 244	551 338	Number of goats	146 594	100 894
Holdings 50.01 and up to 100.0 ha			Pigs		
Number	342	372	Number of pigs	418 840	475 063
Area	129 726	126 413	Hens and cocks (adults only)		
Holdings 100.01 ha and over			Number of hens and cocks	3 710 906	3 029 165
Number	37	43			
Area	28 046	22 072	6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Average size of holding	20.2	17.6	Selected agricultural equipment on the holding (number)		
			Tractors	9 730	55 786
1 - LAND UTILIZATION					
Utilization of land in holdings					
Cropland	*756 579	*854 529			
Permanent meadows and pastures ..	*288 984	*175 637			
Wood or forest land	3 604 289	3 659 903			
All other land	2 403 043	2 932 674			
2 - CROPS - AREA					
Crops on arable land					
Barley					
Number of holdings reporting ..	57 363	64 692			
Area	39 956	140 930			
Oats					
Number of holdings reporting ..	87 698	43 101			
Area	75 850	64 704			

¹ Includes 486,478 hectares of temporary meadows cut for hay, but excludes cultivated meadows for grazing which cover both rotation grassland as well as grassland out of rotation. - ² Includes 506,652 hectares of cultivated meadows for hay. - ³ Comprises also some rotation grassland. - ⁴ Includes 156,190 hectares of permanent pastures and 19,446 hectares of unused meadows.

Date of the census and time reference

The enumeration for the agricultural census started on 16 April 1961 and was concluded three days thereafter.

Data on number and area of holdings, parcels, land tenure, land utilization, main occupation of the holder, use of power, transport means and use of agricultural machinery refer to the calendar year 1960. Crop production refers to the crop year 1960/61 (1 May 1960 to 30 April 1961).

Information on livestock and poultry, agricultural population, agricultural machinery owned by the holder and number of trees refers to 16 April 1961. Employment in agriculture refers to the week before the date of the census. Data on milk production and number of eggs refer either to 16 April 1961 or to the week before that date.

Method of collection and processing of census data

For census purposes, the country was divided into regions. Regional inspectors were in charge of organizing the training of enumerators and supervisors, selection of auxiliary inspectors and supervisors, and were further responsible for the publicity census campaign within their respective census regions. The regions were further subdivided into zones and a supervisor was in charge of the census work for a zone. Census zones were constituted by an average number of 10 segments. A segment was the enumeration area assigned to each enumerator.

Regional inspectors were employees of the Central Statistical Office. In most cases, enumerators of the population and housing censuses were appointed as enumerators for the agricul-

¹ Enumeration of the indigenous agricultural areas of the country was conducted together with the population census; corresponding data are excluded from this report.

tural census, and were assigned to the same segments to which they were appointed when conducting the field enumeration of the population and housing censuses.

The agricultural census was carried out on a complete enumeration basis by using a 100-item questionnaire for all holdings. However, in a 10 percent sample of segments, agricultural holdings were enumerated by means of an expanded census questionnaire, including 49 additional items.

In addition, another questionnaire was used for urban centers to record information on livestock in holdings having less than 0.5 ha or holdings without land.

When collecting information on crop areas, if the holder was not in a position to determine the area sown, then the quantity of seed sown was obtained and converted into area units during processing operations.

To check the coverage of the agricultural census, the lists of the housing census, conducted four months prior to the agricultural census, were used. Supervisors were instructed to verify the enumeration in cases where there was a difference of 20 percent or more between the number of houses listed in the housing census and the number of houses visited in the agricultural census. A re-enumeration was carried out in approximately 5 percent of the segments.

The data were processed by means of the punch-card method.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

A holder was defined as the civil or juridical person who has the economic and technical initiative and responsibility for the operation of the

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holding. When various associated or related persons shared this responsibility they were considered as one holder for census purposes.

Holding

A holding was defined as all land used wholly or partly for agricultural, livestock or poultry raising activities by the holder or members of his household, without regard to title, size or location.

The holding may consist of one or more parcels. Various parcels together constituted a holding, provided they were located in the same district.

Area of the holding. The area of the holding was considered as the total area of land occupied by the holder and members of his household whether it was totally cultivated or not. It excluded the land rented to others or rented in usufruct or occupied by other persons not forming part of the holder's household. The basis for the classification of holdings by size was the total area of the holding.

Parcel. By parcel is meant all land entirely surrounded by land under the tenure of other holders or not belonging to any holder. Land divided by fences, roads, railways, rivers or streams was not considered as constituting separate parcels.

Tenure

Area owned by the holder or in ownerlike possession. This category includes: (a) area of land owned by the holder; (b) area of land occupied more than 30 years without title; (c) area of land occupied under the Familiar Patrimony Law; and (d) area of land occupied without title for 30 years or less.

Area owned by the holder means the area on which the holder has a legal ownership title, that is, recorded in the Property Register.

Area occupied more than 30 years without title means the area which without legal ownership title or without payment of rent has been occupied by means of special arrangements with the

owner of the land, or without any special arrangement, for more than 30 years. The owner of the land may be the state, the municipality, or a private person.

Area of land occupied under the Familiar Patrimony Law means land possessed under this special law.

Area of land occupied without title for 30 years or less means land on which the holder has neither a legal title of ownership nor pays a rent but the land has been occupied by means of some type of arrangement with the owner, or without any arrangement, during 30 years or less. The owner of the land may be the state, the municipality, or a private person. This item includes, among others, the land operated by a holder who has obtained a temporary license or permit from the state.

Area rented from others includes the area of land for which use the holder is paying in money, in a share of the produce, or in services.

Area under other forms of tenure includes the area of land under other forms of tenure not included in the previous categories, e.g., land under inheritance proceedings and land given in trusteeship by judicial order and temporarily operated.

1 - LAND UTILIZATION

Arable land

This category includes land under temporary crops and fallow land.

Land under temporary crops includes land used in 1960 for rice, maize, beans, cowpeas, manioc, yams, sesame, tobacco, sugarcane, lettuce, potatoes, sweet peppers, cabbage, tomatoes and carrots.

Fallow land includes land not cultivated in 1960 but during one of the previous five years.

Land under permanent crops

Includes the gross area occupied by fruit trees and industrial permanent crops. It includes also

ditches, ways, terraces, small uncultivated areas, marshland, etc., located within the area devoted to permanent crops. This category excludes the area with forest trees.

Permanent meadows and pastures

Includes all land with cultivated and uncultivated pastures.

Wood or forest land

Includes the area sown with forest trees, the area covered with virgin vegetation and bushland cultivated before 1955.

All other land

Includes areas of marshland or bushland and any other land not previously cultivated, as well as areas of ways, roads and buildings.

2 - CROPS

For temporary crops, data on crop area relate to the area sown in 1960.

For cowpeas, manioc (cassava) and yams, only data on the number of plants sown during 1960 were recorded and later converted into area units.

For tobacco, data on area refer to the area sown during the last months of 1960.

Data for sugarcane refer to the area cultivated as at 1 December 1960, and production figures refer to quantity obtained from 1 May 1960 to 30 April 1961.

3 - LIVESTOCK AND POULTRY

Data for this section include all animals, whether owned or not, found on the holding on 16 April 1961. Included also are animals grazing in common pastures and animals owned by the holder but in transit on the same date.

4 - EMPLOYMENT IN AGRICULTURE

By agricultural work is meant any labor or task necessary for the operation of the holding. It *includes* the clearing of wood from trees and

shrubbery, the plucking up, burning, harvesting, stock of agricultural products, etc.; work in market and kitchen gardens, planning farm work; supervising other agricultural workers; keeping farm records; taking farm products to market; transport of materials and workers to the holding; bringing feed, fertilizers or other supplies from town to the holding; repairing fences, machinery and farm equipment; constructing buildings and fences with farm help; driving farm machinery or equipment used in agricultural activities; cheese making, production of honey, brown sugar, hats, other domestic industry products and similar activities. It *excludes* work related to the operation of the home, contract construction work done by persons employed specifically to do such work; labor performed by inmates of institutions; handicraft work (except that indicated above) and work not directly connected with agricultural production.

Data on this section relate to all persons working on the holding (at least one day) during the week 9 to 15 April 1961. Figures include day laborers, overseers, managers, milkers, etc., and the holder and members of the holder's household.

Paid workers cover all persons, whether or not members of the holder's household, receiving full wages in money.

Unpaid workers include the holder, members of his family and other persons living in the holder's household but not receiving full wages in money.

Other workers include those persons (not members of the holder's household) working in exchange for services and participating in communal work, receiving only food as payment for the services rendered.

The total number of man-days worked on the holding during the census week covers paid and unpaid workers and other workers.

5 - FARM POPULATION

Data refer to 16 April 1961. In the category "Holders and members of the holder's household" are included from each holding the holder and relatives constituting the household, the servants or employees and their relatives living

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in the holder's house, including the members of the holder's household temporarily absent, such as students, persons traveling, etc. As *Other persons living on the holding* were considered persons living within the boundaries of the holding, provided they did not form part of another holder's household.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

The use of power on the holding excludes its use for electricity or for transporting products from the holding to the market.

Data on machinery included all the agricultural machinery owned by the holder or members of his household, regardless of where the machines were located on 16 April 1961 or whether they were used or not during 1960. Figures include also machinery or equipment owned jointly by the holder and others. Machinery no longer serviceable was excluded.

7 - IRRIGATION AND DRAINAGE

Land actually irrigated was defined as the land for which water has been provided for purposes of agricultural production, by artificial means.

8 - FERTILIZERS AND SOIL DRESSINGS

Data on this section refer to the year 1960. Area treated more than once with fertilizers was to be reported only once.

* * *

SOURCES: Panama. *Censos Nacionales de 1960*. Informe general, Parte IV. *Segundo Censo Agropecuario*. Volumen I. *Producción agrícola*; Volumen II. *Producción pecuaria*; Volumen III. *Características de las explotaciones agropecuarias*. Panama, 1961. For data on 1950 see *Censos Nacionales de 1950*. *Primer Censo Agropecuario*. Volumen I. *Producción*; Volumen II. *Características de las explotaciones*.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings ¹	
Number	95 505
Area	1 806 452

Fragmentation

Number of parcels in the holdings reporting.	157 657
Average number of parcels per holding	1.6

Number of holdings consisting of:

1 parcel	56 486
2-3 parcels	33 515
4-5 parcels	4 219
6 parcels and over	1 285

Of which:

Number of holdings (fully owned) consisting of:

1 parcel	7 016
2-3 parcels	2 794
4-5 parcels	348
6 parcels and over	113

Age of the holder

Total number of holders reporting	93 314
Number of holders:	
Under 35 years of age	(29 062)
35-44 years of age	(23 117)
45-54 years of age	(19 463)
55-64 years of age	(12 660)
65 years of age and over	(9 012)

Main occupation of the holder

Number of holders with agricultural main occupation	85 110
Number of holders with nonagricultural main occupation	8 347

Legal status of the holder

Holdings operated by:	
Civil persons	93 314
Corporations	86
Government	57

Number and area of holdings, by tenure

Holdings operated under one form of tenure

Holdings owned by the holder or in owner-like possession	
Number	23 499
Area	670 988

Holdings rented from others

Number	5 706
Area	43 598

Holdings operated by squatters

Number	48 107
Area	532 575

Holdings operated under more than one form of tenure

Number	18 193
Area	559 291

Area in holdings, by tenure

Area owned by the holder or in ownerlike possession	1 042 753
Area rented from others (total)	
For a fixed amount of money	90 476
For a share of the produce	(57 780)
In exchange for services	(16 133)
Under other forms of renting	(16 076)
	(487)
Area operated by squatters	673 223

1 - LAND UTILIZATION

Utilization of land in holdings

Arable land	
Area (total)	428 019

Temporary crops

Number of holdings reporting	82 683
Area	(205 048)

Temporarily fallow

Number of holdings reporting	39 322
Area	(222 971)

Land under permanent crops

Number of holdings reporting	74 860
Area	125 378

Permanent meadows and pastures

Area	818 329
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Wood or forest land

Number of holdings reporting	31 752
Area	415 185

All other land

Number of holdings reporting	7 585
Area	19 541

Area of owned holdings, by land utilization

Arable land	118 398
Land under permanent crops	30 579
Permanent meadows and pastures	357 097
Wood or forest land	156 780
All other land	8 134

Area of rented holdings, by land utilization

Arable land	15 786
Land under permanent crops	3 788
Permanent meadows and pastures	16 588
Wood or forest land	6 952
All other land	484

¹ Excludes 8,208 holdings without land and 12,441 holdings having less than 0.5 hectare.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

Area of holdings operated by squatters, by land utilization

Arable land	186 602
Land under permanent crops	49 313
Permanent meadows and pastures	160 225
Wood or forest land	130 930
All other land	5 505

2 - CROPS - AREA² AND PRODUCTION

Crops on arable land

Rice

Number of holdings reporting	71 366
Area	88 827
Production (unhusked)	211 776

Maize

Number of holdings reporting	68 267
Area	77 302
Production	129 555

Edible dry beans

Number of holdings reporting	35 641
Area	19 040
Production	11 467

Cowpeas

Number of holdings reporting	30 374
Area	4 462

Potatoes

Number of holdings reporting	337
Area	414
Production	9 373

Manioc (cassava)

Number of holdings reporting	59 811
Area	6 059

Yams

Number of holdings reporting	36 795
Area	1 999

Sugarcane

Number of holdings reporting	20 368
Area	16 312
Production	634 455

Sesame

Number of holdings reporting	360
Area	281
Production	390

Tobacco

Number of holdings reporting	1 174
Area	754
Production (leaf dry weight)	1 202

Cabbage

Number of holdings reporting	339
Area	201
Production	3 963

Lettuce

Number of holdings reporting	213
Area	72
Production	1 868

Tomatoes

Number of holdings reporting	1 601
Area	812
Production	17 434

Sweet peppers

Number of holdings reporting	310
Area	96
Production	800

Carrots

Number of holdings reporting	208
Area	170
Production	1 519

Other vegetables

Area	1 827
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Permanent crops

Oranges

Number of holdings reporting	63 709
Area (total)	7 539
Number of trees (total)	3 015 724

Trees of productive age

Area	(3 520)
Number of trees	(1 407 882)

Trees of nonproductive age

Area	(4 019)
Number of trees	(1 607 842)

Number of fruits (in thousands)	219 283
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Avocados

Number of holdings reporting	45 446
Area (total)	2 560
Number of trees (total)	512 008

Trees of productive age

Area	(1 222)
Number of trees	(244 465)

Trees of nonproductive age

Area	(1 338)
Number of trees	(267 543)

Number of fruits (in thousands)	32 718
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² Refers to area sown.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

Bananas

Number of holdings reporting	60 528
Area (total)	28 301
Number of plants (total)	17 687 899
Plants of productive age	
Area	(23 257)
Number of plants	(14 535 650)
Plants of nonproductive age	
Area	(5 044)
Number of plants	(3 152 249)
Number of bunches (in thousands)	12 126

Plantains

Number of holdings reporting	43 381
Area (total)	9 232
Number of plants (total)	5 770 208
Plants of productive age	
Area	(6 655)
Number of plants	(4 159 495)
Plants of nonproductive age	
Area	(2 577)
Number of plants	(1 610 713)
Number of fruits (in thousands)	121 345

Pineapples

Number of holdings reporting	34 098
Area (total)	1 028
Number of plants (total)	3 599 994
Plants of productive age	
Area	(738)
Number of plants	(2 583 309)
Plants of nonproductive age	
Area	(290)
Number of plants	(1 016 685)
Number of fruits (in thousands)	2 158

Coffee

Number of holdings reporting	35 117
Area (total)	24 987
Number of trees (total)	24 987 166
Trees of productive age	
Area	(17 482)
Number of trees	(17 481 917)
Trees of nonproductive age	
Area	(7 505)
Number of trees	(7 505 249)
Production (hulled)	8 903

Cocoa

Number of holdings reporting	8 950
Area (total)	6 284
Number of trees (total)	3 456 209
Trees of productive age	
Area	(4 530)
Number of trees	(2 491 661)
Trees of nonproductive age	
Area	(1 754)
Number of trees	(964 548)
Production (dry weight)	2 120

Coconuts

Number of holdings reporting	41 194
Area (total)	3 206
Number of trees (total)	1 282 384
Trees of productive age	
Area	(1 894)
Number of trees	(757 608)
Trees of nonproductive age	
Area	(1 312)
Number of trees	(524 776)
Number of nuts (in thousands)	15 564

3 - LIVESTOCK AND POULTRY ³

Horses, mules and asses

Horses

Number of holdings reporting	49 652
Number of horses	163 346

Mules and asses

Number of holdings reporting	1 921
Number of mules and asses	4 877

Cattle ⁴

Number of holdings reporting	29 294
Total number of cattle	760 935
Male	(251 603)
Female	(509 332)
Cattle under 2 years of age	266 356
Young bulls	(44 050)
Bulls (castrated)	(22 832)
Heifers	(64 393)
Calves under 1 year of age	
Male	(67 789)
Female	(67 292)
Cattle 2 years of age and over	494 579
Cows used primarily for milk production	(137 414)
Of which:	
Milked cows at 15 April 1961	
Number of holdings reporting ...	8 286
Number of milked cows	37 395
Milk production (thousand liters)	103
Milk produced during the week from 9 to 15 April 1961	
Number of holdings reporting ...	9 007
Production (thousand liters)	627
Cheese produced during the week from 9 to 15 April 1961	
Number of holdings reporting ...	1 261
Production	7
Other cows	120 415
Heifers	(119 818)
Bulls (castrated)	(89 600)
Bulls for service	(21 820)
Oxen	(5 512)

³ Unless otherwise stated, data on livestock and poultry include also information on holdings without land and on holdings with an area of less than 0.5 hectare. - ⁴ Data refer only to holdings of 0.5 hectare and over.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

Holdings reporting specified number of cattle	
1 head	2 281
2-3 head	5 854
4-5 head	3 862
6-9 head	4 522
10-19 head	5 203
20-49 head	4 505
50-99 head	1 802
100-199 head	742
200-499 head	377
500 head and over	146
Pigs⁴	
Number of holdings reporting	46 532
Number of pigs	222 289
Pigs under 6 months of age	89 984
Pigs 6 months of age and over	132 305
Pigs for breeding	
Male	(38 559)
Female	(63 242)
Pigs for meat production	(30 504)
Chickens	
Number of holdings reporting	99 404
Total number of chickens	2 709 533
Of which:	
Laying hens	
Number of holdings reporting	83 073
Number of laying hens	793 160
Egg production at 15 April 1961 (in thousands)	399
Egg production during the week from 9 to 15 April 1961	
Number of holdings reporting	63 763
Production (in thousands)	2 291
Ducks and geese	
Number of holdings reporting	17 495
Number of ducks and geese	96 841
Turkeys	
Number of holdings reporting	9 962
Number of turkeys	34 242
Bees	
Number of holdings reporting	9 930
4 - EMPLOYMENT IN AGRICULTURE	
Persons employed in agricultural work on the holding during the census week	
All persons	422 961
Under 15 years of age	(52 752)
15 years of age and over	(370 209)
Paid workers	96 807
Unpaid workers	202 015
Other workers ⁵	124 139
Total number of man-days worked on the holding during the census week	1 474 982

5 - FARM POPULATION	
All persons	507 249
Male	(264 068)
Female	(243 181)
Holders and members of the holder's household	491 030
Other persons living on the holding	16 219
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES	
Use and source of power on the holding	
Number of holdings reporting the use of:	
Mechanical power	1 800
Animal power	9 348
Animal and mechanical power	527
Human power only	83 830
Selected agricultural equipment owned by the holder (number)	
Internal combustion motors	628
Electric motors	280
Tractors (total)	347
Tracklaying tractors	(71)
Wheel tractors	(276)
Plows	
Animal-operated	164
Tractor-operated	231
Seed drills	
Animal-operated	15
Tractor-operated	70
Combines (harvester-threshers)	
Tractor-operated	29
Self-propelled	18
Sugarcane crushers (iron)	4 800
Wheelbarrows	2 025
Cars, jeeps, trucks, etc.	1 450
Selected agricultural equipment used on the holding	
Number of holdings reporting the use of:	
Internal combustion motors	
Owned	476
Not owned	352
Electric motors	
Owned	167
Not owned	9

⁴Data refer only to holdings of 0.5 hectare and over. ⁵Information refers to persons working in common, including work exchanged with others.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

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Not classified by size of holding

Tracklaying tractors	
Owned	44
Not owned	232
Wheel tractors	
Owned	182
Not owned	1 396
Plows (animal-operated)	
Owned	115
Not owned	304
Plows (tractor-operated)	
Owned	153
Not owned	1 465
Seed drills (animal-operated)	
Owned	12
Not owned	25
Seed drills (tractor-operated)	
Owned	55
Not owned	239
Combines (harvester-threshers, tractor-operated)	
Owned	19
Not owned	123
Combines (harvester-threshers, self-propelled)	
Owned	10
Not owned	149
Sugarcane crushers (iron)	
Owned	4 653
Not owned	3 854

Wheelbarrows	
Owned	1 920
Not owned	1 196

Cars, jeeps, trucks, etc.	
Owned	1 138
Not owned	1 711

Means used to transport products from holdings to place of sale

Number of holdings reporting transport mainly:	
By foot	19 413
By pack animal	16 569
By cart	1 383
By car or truck	7 736
By train	245
By boat	2 834
By foot and truck	2 177
By foot and boat	1 813
By pack animal and truck	3 659
By other means	71

7 - IRRIGATION AND DRAINAGE

Land actually irrigated	
Number of holdings reporting	924
Area	14 277

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers	
Organic fertilizers	
Number of holdings reporting	1 275
Inorganic fertilizers	
Number of holdings reporting	1 926
Area	40 089
Amount applied (metric tons)	33 346

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
0 - HOLDER, HOLDING AND TENURE							
Number and area of holdings ¹							
Number	95 505	4 959	13 193	10 944	7 995	6 601	18 086
Percentage distribution	100.0	5.2	13.8	11.5	8.4	6.9	18.9
Area	1 806 452	2 950	16 174	23 855	25 307	27 369	117 756
Percentage distribution	100.0	0.2	0.9	1.3	1.4	1.5	6.5
Fragmentation							
Number of parcels in the holdings reporting	157 657	5 722	16 726	15 933	12 747	10 789	31 862
Average number of parcels per holding	1.6	1.2	1.3	1.5	1.6	1.6	1.8
Number of holdings consisting of:							
1 parcel	56 486	4 303	10 242	6 961	4 654	3 840	9 627
2-3 parcels	33 515	638	2 852	3 789	3 098	2 379	7 202
4-5 parcels	4 219	15	86	179	216	354	949
6 parcels and over	1 285	3	13	15	27	28	308
Of which:							
Number of holdings (fully owned) consisting of:							
1 parcel	7 016	512	1 043	482	301	297	1 134
2-3 parcels	2 794	50	132	213	167	105	429
4-5 parcels	348	1	3	11	6	21	42
6 parcels and over	113	—	—	1	2	1	16
Main occupation of the holder							
Number of holders with agricultural main occupation	85 110	3 357	10 602	9 889	7 347	6 196	16 773
Number of holders with nonagricultural main occupation	8 347	1 494	2 302	815	479	276	950
Number and area of holdings, by tenure							
Holdings operated under one form of tenure							
Holdings owned by the holder or in ownerlike possession							
Number	23 499	1 215	2 807	1 959	1 437	1 305	4 349
Area	670 988	704	3 278	4 217	4 489	5 363	27 935
Holdings rented from others							
Number	5 706	551	1 765	1 119	563	361	687
Area	43 598	324	2 078	2 388	1 752	1 517	4 301
Holdings operated by squatters							
Number	48 107	2 936	7 196	6 050	4 552	3 901	9 472
Area	532 575	1 737	8 826	13 160	14 409	16 141	61 150
Holdings operated under more than one form of tenure							
Number	18 193	257	1 425	1 816	1 443	1 034	3 578
Area	559 291	185	1 992	4 090	4 657	4 348	24 370
Area in holdings, by tenure							
Area owned by the holder or in ownerlike possession	1 042 753	748	3 801	5 373	6 001	6 943	39 010
Area rented from others	90 476	403	2 841	3 719	3 061	2 485	7 932
Area operated by squatters	673 223	1 799	9 532	14 763	16 245	17 941	70 814
1 - LAND UTILIZATION							
Utilization of land in holdings							
Arable land							
Area (total)							
	428 019	1 495	10 437	15 940	16 104	16 211	60 795
Temporary crops							
Number of holdings reporting							
	82 683	2 691	10 235	9 789	7 347	6 066	16 605
Area							
	(205 048)	(1 298)	(9 492)	(14 158)	(13 506)	(12 416)	(39 551)
Temporarily fallow							
Number of holdings reporting							
	39 322	477	1 601	2 091	2 327	2 600	9 270
Area							
	(222 971)	(197)	(945)	(1 782)	(2 598)	(3 795)	(21 244)
Land under permanent crops							
Number of holdings reporting							
	74 860	2 935	8 034	7 835	6 265	5 470	15 477
Area							
	125 378	1 097	3 988	5 051	5 202	5 476	20 298
Permanent meadows and pastures							
Area	818 329	172	884	1 486	2 171	3 001	21 405
Wood or forest land							
Number of holdings reporting							
	31 752	170	825	1 177	1 348	1 683	6 518
Area							
	415 185	61	455	945	1 404	2 296	13 632

¹ Excludes 8,208 holdings without land and 12,441 holdings having less than 0.5 hectare.

PANAMA

Classified by size of holding

TOTAL AREA OF HOLDING

under 10 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 and under 2 500 ha	2 500 ha and over	
0 - HOLDER, HOLDING AND TENURE								
Number and area of holdings¹								
4 897	12 038	4 329	1 574	665	133	63	28	Number
15.6	12.6	4.5	1.7	0.7	0.1	0.1	—	Percentage distribution
2 215	354 651	284 437	200 673	189 310	87 305	88 100	196 350	Area
10.6	19.6	15.8	11.1	10.5	4.8	4.9	10.9	Percentage distribution
Fragmentation								
6 838	22 270	8 786	3 625	1 757	383	158	61	Number of parcels in the holdings reporting
1.8	1.8	2.0	2.3	2.6	2.9	2.5	2.2	Average number of parcels per holding
Number of holdings consisting of:								
7 696	6 126	2 020	663	250	54	34	16	1 parcel
6 087	4 836	1 766	596	221	34	11	6	2-3 parcels
803	845	410	214	123	16	7	2	4-5 parcels
311	231	133	101	71	29	11	4	6 parcels and over
Of which:								
Number of holdings (fully owned) consisting of:								
1 041	1 241	540	233	117	38	25	12	1 parcel
538	621	305	131	73	19	8	3	2-3 parcels
35	78	56	42	40	7	5	1	4-5 parcels
15	15	15	15	17	8	5	3	6 parcels and over
Main occupation of the holder								
3 881	11 047	3 901	1 331	587	116	57	26	Number of holders with agricultural main occupation
707	711	322	205	64	14	6	2	Number of holders with nonagricultural main occupation
Number and area of holdings, by tenure								
Holdings operated under one form of tenure								
Holdings owned by the holder or in ownerlike possession								
4 185	3 838	1 439	551	276	74	44	20	Number
3 292	113 521	94 740	70 643	79 300	49 743	62 777	100 986	Area
Holdings rented from others								
370	202	52	20	10	3	2	1	Number
4 641	5 991	3 315	2 269	2 935	1 707	3 880	6 500	Area
Holdings operated by squatters								
6 986	4 992	1 476	417	117	10	2	—	Number
8 812	142 875	94 477	50 224	31 976	6 388	2 400	—	Area
Holdings operated under more than one form of tenure								
3 356	3 006	1 362	586	262	46	15	7	Number
5 470	92 264	91 905	77 537	75 099	29 467	19 043	88 864	Area
Area in holdings, by tenure								
8 033	171 007	154 548	121 560	131 801	69 771	75 811	178 346	Area owned by the holder or in ownerlike possession
9 287	11 247	7 863	6 453	7 443	3 614	7 178	16 950	Area rented from others
4 895	172 397	122 026	72 660	50 066	13 920	5 111	1 054	Area operated by squatters
1 - LAND UTILIZATION								
Utilization of land in holdings								
Arable land								
Area (total)								
9 724	107 355	60 401	28 491	17 454	4 075	5 636	3 901	Area (total)
Temporary crops								
3 652	10 821	3 721	1 252	415	60	20	9	Number of holdings reporting
9 642)	(39 166)	(17 336)	(8 643)	(6 253)	(1 305)	(894)	(1 388)	Area
Temporarily fallow								
9 289	7 813	2 701	832	259	40	15	7	Number of holdings reporting
0 082)	(68 189)	(43 065)	(19 848)	(11 201)	(2 770)	(4 742)	(2 513)	Area
Land under permanent crops								
2 903	10 438	3 665	1 261	448	88	32	9	Number of holdings reporting
3 195	23 123	10 889	4 568	3 234	742	950	17 565	Area
Permanent meadows and pastures								
4 946	141 344	140 023	116 771	128 464	65 516	60 946	81 200	Area
Wood or forest land								
7 724	7 691	3 031	1 074	382	76	33	20	Number of holdings reporting
1 771	78 363	70 736	49 274	38 476	16 812	19 921	91 039	Area

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION

	All sizes of holdings	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
All other land							
Number of holdings reporting	7 585	384	852	719	564	450	1 389
Area	19 541	125	410	433	426	385	1 626
Area of owned holdings, by land utilization							
Arable land	118 398	230	1 521	2 292	2 374	2 780	13 043
Land under permanent crops	30 579	369	1 218	1 145	1 067	1 193	4 647
Permanent meadows and pastures	357 097	45	270	446	638	796	6 278
Wood or forest land	156 780	20	144	239	316	505	3 510
All other land	8 134	40	125	95	94	89	458
Area of rented holdings, by land utilization							
Arable land	15 786	241	1 671	1 921	1 319	1 031	2 394
Land under permanent crops	3 788	59	282	296	244	219	677
Permanent meadows and pastures	16 588	10	53	73	88	132	665
Wood or forest land	6 952	5	33	70	82	119	514
All other land	484	9	39	28	19	16	51
Area of holdings operated by squatters, by land utilization							
Arable land	186 602	905	5 883	8 953	9 402	9 797	33 154
Land under permanent crops	49 313	623	2 052	2 748	2 965	3 227	11 019
Permanent meadows and pastures	160 225	108	448	722	1 013	1 517	9 477
Wood or forest land	130 930	32	238	509	790	1 378	6 726
All other land	5 505	69	205	228	239	222	774
3 - LIVESTOCK AND POULTRY							
Cattle							
Number of holdings reporting	29 294	261	1 013	1 381	1 344	1 312	5 147
Number of cattle	760 935	999	4 082	6 353	6 368	6 877	35 282
Holdings reporting specified number of cattle							
1 head	2 281	61	208	264	233	201	539
2-3 head	5 854	111	427	547	516	460	1 432
4-5 head	3 862	33	181	245	240	249	982
6-9 head	4 522	31	123	183	206	218	1 058
10-19 head	5 203	20	59	106	119	142	840
20-49 head	4 505	5	15	33	26	40	268
50-99 head	1 802	—	—	3	4	2	24
100-199 head	742	—	—	—	—	—	4
200-499 head	377	—	—	—	—	—	—
500 head and over	146	—	—	—	—	—	—
4 - EMPLOYMENT IN AGRICULTURE							
Persons employed in agricultural work on the holding during the census week							
All persons	422 961	8 411	34 327	35 188	28 036	24 467	81 277
Total number of man-days worked on the holding during the census week	1 474 982	37 878	123 635	120 434	92 973	82 209	251 373
5 - FARM POPULATION							
All persons	507 249	22 769	59 628	52 407	39 872	34 124	97 166
Male	(264 068)	(11 203)	(30 600)	(27 032)	(20 795)	(17 774)	(49 632)
Female	(243 181)	(11 566)	(29 028)	(25 375)	(19 077)	(16 350)	(47 534)
Holdings and members of the holder's household	491 030	22 232	58 561	51 608	39 286	33 531	95 251
Other persons living on the holding	16 219	537	1 067	799	586	593	1 915
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES							
Use and source of power on the holding							
Number of holdings reporting the use of:							
Mechanical power	1 800	60	170	178	140	93	289
Animal power	9 348	73	437	668	617	515	1 759
Animal and mechanical power	527	5	14	25	27	24	82
Human power only	83 830	4 821	12 572	10 073	7 211	5 969	15 956

PANAMA

Classified by size of holding

TOTAL AREA OF HOLDING

Number of holdings under 1 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 and under 2 500 ha	2 500 ha and over	
322	1 207	451	163	68	8	7	1	All other land
579	4 466	2 388	1 569	1 682	160	647	2 645	Number of holdings reporting
								Area
								Area of owned holdings, by land utilization
9 913	32 672	19 860	8 681	6 383	3 046	4 381	222	Arable land
7 729	7 055	3 436	1 660	1 287	301	552	920	Land under permanent crops
7 327	48 884	50 064	43 849	57 940	36 788	42 205	51 567	Permanent meadows and pastures
6 612	23 236	20 555	15 852	13 408	9 561	15 190	45 632	Wood or forest land
711	1 674	825	601	282	46	449	2 645	All other land
								Area of rented holdings, by land utilization
994	2 004	922	940	1 337	12	—	—	Arable land
598	446	100	61	451	5	350	—	Land under permanent crops
197	2 080	1 696	793	797	1 024	1 480	6 500	Permanent meadows and pastures
824	1 386	548	475	180	666	2 050	—	Wood or forest land
28	75	49	—	170	—	—	—	All other land
								Area of holdings operated by squatters, by land utilization
3 947	46 656	21 203	8 287	3 241	174	—	—	Arable land
461	9 766	3 611	1 182	631	25	3	—	Land under permanent crops
1 859	48 541	38 517	21 066	12 815	2 892	1 250	—	Permanent meadows and pastures
5 363	36 507	30 425	19 278	15 246	3 291	1 147	—	Wood or forest land
1 182	1 405	721	411	43	6	—	—	All other land
								3 - LIVESTOCK AND POULTRY
								Cattle
5 369	7 241	3 202	1 281	541	123	55	24	Number of holdings reporting
9 316	136 850	121 653	103 673	111 080	59 802	53 999	44 601	Number of cattle
								Holdings reporting specified number of cattle
420	269	65	18	3	—	—	—	1 head
1 280	845	199	32	5	—	—	—	2-3 head
961	734	191	39	7	—	—	—	4-5 head
1 275	1 080	280	60	6	2	—	—	6-9 head
1 480	1 775	521	112	24	4	—	1	10-19 head
836	1 975	1 001	247	53	5	—	1	20-49 head
103	500	703	362	90	7	4	—	50-99 head
14	57	229	316	111	9	1	1	100-199 head
—	6	13	93	218	38	7	2	200-499 head
—	—	—	2	24	58	43	19	500 head and over
								4 - EMPLOYMENT IN AGRICULTURE
								Persons employed in agricultural work on the holding during the census week
5 361	70 056	28 006	12 786	7 392	2 934	1 603	12 117	All persons
								Total number of man-days worked on the holding during the census week
0 399	242 424	105 780	51 306	33 687	14 580	7 847	70 457	
								5 - FARM POPULATION
3 363	71 136	27 127	10 611	4 975	1 346	822	1 903	All persons
3 791	(37 531)	(14 913)	(5 817)	(2 756)	(744)	(469)	(1 011)	Male
9 572	(33 605)	(12 214)	(4 794)	(2 219)	(602)	(353)	(892)	Female
1 383	68 875	25 775	9 582	3 857	651	341	97	Holder and members of the holder's household
1 980	2 261	1 352	1 029	1 118	695	481	1 806	Other persons living on the holding
								6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
								Use and source of power on the holding
								Number of holdings reporting the use of:
222	260	146	89	84	29	22	18	Mechanical power
1 891	2 087	862	335	94	8	2	—	Animal power
86	116	62	43	29	6	6	2	Animal and mechanical power
2 698	9 575	3 259	1 107	458	90	33	8	Human power only

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

PANAMA

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE			Holdings 200 and under 500 ha		
Number and area of holdings, by size			Number	348	665
All sizes of holdings ¹			Area	100 152	189 310
Number	85 473	90 546	Holdings 500 and under 1 000 ha		
Area	1 159 083	1 803 502	Number	93	133
Holdings 1 and under 2 ha			Area	61 243	87 305
Number	18 548	13 193	Holdings 1 000 ha and over		
Area	21 982	16 174	Number	61	91
Holdings 2 and under 5 ha			Area	149 527	284 450
Number	25 894	25 540			
Area	73 922	76 531	3 - LIVESTOCK AND POULTRY		
Holdings 5 and under 10 ha			Horses		
Number	16 847	18 086	Number of holdings reporting	43 208	49 652
Area	106 453	117 756	Number of horses	157 771	163 346
Holdings 10 and under 20 ha			Cattle		
Number	12 235	14 897	Number of holdings reporting	30 610	29 294
Area	152 580	192 215	Number of cattle	570 023	760 935
Holdings 20 and under 50 ha			Pigs		
Number	8 231	12 038	Number of holdings reporting	37 246	46 532
Area	236 794	354 651	Number of pigs	181 975	222 289
Holdings 50 and under 100 ha			Chickens		
Number	2 407	4 329	Number of holdings reporting	65 436	99 404
Area	156 115	284 437	Number of chickens	1 633 587	2 709 533
Holdings 100 and under 200 ha					
Number	809	1 574			
Area	103 315	200 673			

¹ For better comparison with the 1950 figures, data for 1960 exclude 4,959 holdings of 0.5 and under 1 hectare with an area of 2,950 hectares.

Date of the census and time reference

Data on agriculture were collected in 1960 by means of two censuses. In June 1960 (1960-I), an annual census of agriculture was conducted. It covered data on land utilization, crop areas and livestock. The General Census of 6 December included a census of housing, population and agriculture. The agricultural part of the General Census (1960-II) covered the following items: fragmentation of holdings, land tenure, land utilization, livestock and agricultural machinery and equipment.

The time reference for all items is the date of the specific census.

Method of collection and processing of census data

In both censuses, data were collected by the interview method. In the case of the June Census, a multiple inquiry unit questionnaire was employed for the purpose of enumerating agricultural holdings. The questions were arranged along the vertical edges, permitting a quick calculation of sums to which the processing was, in fact, restricted, as data were not tabulated according to any characteristic of holdings. To evaluate the quality of field work, postenumeration surveys were conducted. To find the magnitude of biases for data on crop areas in 349 randomly selected villages, all fields were measured. To check data on livestock, a count of livestock in selected holdings was made. Selection of a sample of holdings was two-stage. In the first stage, 1,500 villages were randomly selected. In each selected village 25 agricultural holdings were then randomly selected. On the basis of the results of the postenumeration surveys the census data were appropriately adjusted. Thus, information in the present report includes the adjusted data of the June Census.

In the case of the General Census, agricultural data were collected by means of an individual questionnaire. Where, according to the population census data, there seemed to be a household in which some person(s) operated an agricultural holding, information on this holding was also requested.

It is stressed in the national report that the aim of collecting some agricultural data in the General Census was mainly to obtain information on the structure of agricultural holdings and not on the magnitude of areas or number of livestock, etc. Information on the latter data from the General Census is incomplete and the figures in the June Census should be considered as more accurate.

In this report, data not classified by size of holding are obtained from the June Census (1960-I), while information classified by size of holding is from the General Census (1960-II); the latter relates only to individual (private) holdings.

Scope and definition of items ¹

0 - HOLDER, HOLDING AND TENURE

Holder

A holder is the civil or juridical person who operates land, i.e., cultivates land and collects yields.

Legal status of the holder includes, as *civil persons*, individuals operating a holding. Land received by members of collective holdings for their individual use is also included therein. However, land received by the laborers of state holdings for their own cultivation is excluded from this category.

¹ Definition of items generally as used in the General Census (1960-II). It is assumed that the same concepts applied to the June Census.

POLAND

Consciously planned collective includes the co-operative holdings consisting of farmers who, at a community meeting, had decided to farm collectively, had signed members' declarations and the co-operative statute.

Government holdings comprise state-owned holdings under the supervision of ministries, state enterprises and social research institutions.

The group *Others* includes land operated by the state forestry administration and other state and social units not mentioned above. It includes also workers' personal plots (state farm employees).

Holding

A holding was defined as all land with an area of at least 0.1 ha, used wholly or partly for agricultural purposes (that is, as arable land, orchards, meadows, pastures, forest land and fish ponds), provided it was operated as one technical unit without regard to the form of tenure, number, area and location of separate pieces of land included in this unit.

As *individual (private) holdings* were considered holdings operated by private persons excluding: (i) land received by members of collective holdings and that not offered to these holdings but individually operated; (ii) land received by the laborers of state holdings for their own cultivation; (iii) land individually operated in the so-called laborers' orchards.

Area of the holding. The area was calculated as the sum of the areas of land owned, land rented from the state, land rented from private persons, and other land operated.

Parcel. A parcel was defined as land separated from other land in the holding, e.g., surrounded by land of other holdings, by a public road, railway, canal, river, etc.

1 - LAND UTILIZATION

Arable land

This includes land under rotation, that is, land sown, land destined for sowing and temporarily fallow, including temporary meadows and pastures.

Land under permanent crops

This category includes orchards, whether associated with temporary crops or not, and nurseries of fruit trees. As an orchard was defined area under fruit trees if the density of these trees was at least 100 trees per hectare.

Permanent meadows and pastures

Permanent meadows and pastures means land cultivated permanently with herbaceous forage crops which are harvested every year or grazed by livestock.

Wood or forest land

Includes all wood lots, natural or planted, comprising nurseries of forest trees.

All other land

All other land consists of areas of lakes, ponds, including dikes, rivers and canals within the boundaries of the holding, unless they are public property, land occupied by buildings, yards, farm roads, land cultivated with red osiers, peat land, gravel land, quarries and area from which clay, sand, etc., is derived.

3 - LIVESTOCK AND POULTRY

Data refer to livestock on the holding at the census date. Also enumerated was livestock of persons not cultivating land.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data relate to the machines on the holding, whether they are in working condition, in repair, or should be repaired.

* * *

SOURCES: Poland. Główny Urząd Statystyczny Polskiej Rzeczypospolitej Ludowej. *Statystyka Polski. Zeszyt 55. Zwierzeta gospodarskie wedlu uzytkownikow i wojewodztw w czerwcu 1960 r.* Warszawa, 1961; *Statystyka Polski. Zeszyt 70. Uzytkowanie gruntow i powierzchnie zasiewow 1960 i 1961.* Warszawa, 1962; *Statystyka Polski. Seria R, Zeszyt 23. Spis Powszechny z dnia 6 grudnia 1960 r. Wyniki ostateczne. Indywidualne gospodarstwa rolne, Polska.* Warszawa, 1965.

POLAND

Area: in hectares

Not classified by size of holding (1960-I)

	All holdings	Individual (private) holdings	Other holdings
0 - HOLDER, HOLDING AND TENURE			
Area of holdings			
Area	31 173 000	19 641 374	11 531 626
Legal status of the holder			
Holdings operated by:			
Civil persons			
Area	19 663 817	19 641 374	22 443
Consciously planned collective ¹			
Area	252 881	—	252 881
Government ¹			
Area	3 015 207	—	3 015 207
Others ^{1,2}			
Area	8 241 095	—	8 241 095
1 - LAND UTILIZATION			
Utilization of land in holdings			
Arable land	15 961 038	13 846 300	2 114 738
Land under permanent crops (orchards)	262 115	239 483	22 632
Permanent meadows and pastures	4 179 600	3 640 773	538 827
Wood or forest land	7 651 164	1 336 596	6 314 568
All other land	3 119 083	578 222	2 540 861
2 - CROPS - AREA			
Crops on arable land			
Wheat			
Area (total)	1 360 766	151 128	209 638
<i>Winter wheat</i>			
Area	(1 048 831)	(903 314)	(145 517)
<i>Spring wheat</i>			
Area	(311 935)	(247 814)	(64 121)
Rye			
Area	5 122 232	4 714 499	407 733
Maize			
Area	129 008	55 151	73 857
Barley			
Area (total)	717 301	562 855	154 446
<i>Winter barley</i>			
Area	(52 797)	(26 740)	(26 057)
<i>Spring barley</i>			
Area	(664 504)	(536 115)	(128 389)
Oats			
Area	1 640 817	1 476 587	164 230
Mixed grains			
Area	256 065	215 364	40 701
Other cereals			
Area	108 965	107 870	1 095
Edible legumes for grain			
Area	45 957	33 056	12 901

¹ Including land received for individual use by laborers of the state holdings and members of collective holdings. — ² Land operated by the state forestry administration and other state and social units not specified above.

POLAND

Area: in hectares

Not classified by size of holding (1960-I)

	All holdings	Individual (private) holdings	Other holdings
Lupines			
Area	303 243	246 523	56 720
Vetches			
Area	89 903	64 896	25 007
Potatoes			
Area	2 876 392	2 655 842	220 550
Tuber and root crops grown for feed			
Area	203 896	164 310	39 586
Sugar beets			
Area	400 810	331 047	69 763
Flax			
Area	95 177	87 171	8 006
Hemp			
Area	21 952	20 730	1 222
Rape			
Area	107 475	47 241	60 234
Other oilseed crops ³			
Area	35 348	26 255	9 093
Other crops for industrial purposes ⁴			
Area	58 954	56 161	2 793
Alfalfa			
Area	127 080	74 854	52 226
Clover			
Area	609 027	492 157	116 870
Field peas for feed			
Area	36 564	18 482	18 082
Leguminous forage crops, mixed			
Area	227 070	117 907	109 163
Serradella and other fodder crops			
Area	524 602	380 996	143 606
Vegetables ⁵			
Area	190 376	174 003	16 373
Other crops on arable land ⁶			
Area	32 277	19 350	12 927
3 - LIVESTOCK AND POULTRY			
Horses			
Total number of horses	2 805 013	2 609 574	195 439
Horses under 3 years of age	500 318	457 749	42 569
Young stock under 1 year of age	(209 065)	(191 827)	(17 238)
Young stock 1 year of age but under 3 years	(291 253)	(265 922)	(25 331)
Horses 3 years of age and over	2 304 695	2 151 825	152 870

³ Includes poppy seed, sunflower seed, soybeans, mustard seed and other oilseed crops. - ⁴ Includes hops, tobacco, chicory, medicinal plants and other industrial crops. - ⁵ Grown in fields, market and kitchen gardens and orchards. - ⁶ Including root crops for seed production, flowers, ornamental plants and other crops.

POLAND

Area: in hectares

Not classified by size of holding (1960-I)

	All holdings	Individual (private) holdings	Other holdings
Cattle			
Total number of cattle	8 695 091	7 696 732	998 359
Calves under 1 year of age	1 852 235	1 602 391	249 844
Cattle 1 year of age and over	6 842 856	6 094 341	748 515
Male	84 270	57 041	27 229
Bulls	(39 424)	(31 950)	(7 474)
Oxen	(44 846)	(25 091)	(19 755)
Female	6 758 586	6 037 300	721 286
Cows	(5 884 742)	(5 339 912)	(544 830)
Heifers	(873 844)	(697 388)	(176 456)
Sheep			
Total number of sheep	3 661 460	3 227 986	433 474
Lambs under 1 year of age	1 419 264	1 260 776	158 488
Sheep 1 year of age and over	2 242 196	1 967 210	274 986
Male	(335 036)	(282 083)	(52 953)
Female	(1 907 160)	(1 685 127)	(222 033)
Pigs			
Total number of pigs	12 615 277	11 284 703	1 330 574
Pigs under 6 months of age	8 859 062	8 046 808	812 254
Pigs under 3 months of age	(4 646 220)	(4 296 847)	(349 373)
Pigs 3 months of age and under 6	(4 212 842)	(3 749 961)	(462 881)
Pigs 6 months of age and over	3 756 215	3 237 895	518 320
Sows and gilts for breeding	(1 562 200)	(1 459 412)	(102 788)
All other pigs	(2 194 015)	(1 778 483)	(415 532)

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	3 591 947	133 535	214 220	306 905	522 988	426 982
Percentage distribution	100.0	3.7	6.0	8.5	14.6	11.9
Area	16 801 540	17 829	67 062	217 877	756 523	1 041 793
Percentage distribution	100.0	0.1	0.4	1.3	4.5	6.2
Fragmentation						
Number of holdings consisting of:						
1 parcel	937 539	114 844	151 590	149 487	160 749	85 443
2-3 parcels	1 380 305	8 842	49 434	122 847	237 620	189 229
4-5 parcels	655 752	203	3 011	18 780	71 804	81 782
6-8 parcels	337 210	19	534	5 561	28 798	39 768
9 parcels and over	219 662	—	94	1 634	14 764	25 330
Number of parcels not known	61 479	9 627	9 557	8 596	9 253	5 430
Number and area of holdings, by tenure						
Holdings fully owned						
Number	2 799 121	99 943	145 886	229 242	413 109	342 062
Holdings partly owned						
Number	524 045	1 339	11 928	26 098	58 047	56 659
Holdings with not-owned land only						
Number	268 781	32 253	56 406	51 565	51 832	28 261
Area	497 968	4 204	16 567	33 439	68 634	64 907
Of which:						
Area rented from others	(427 509)	(3 813)	(14 970)	(29 467)	(55 101)	(46 170)
Area in holdings, by tenure						
Area owned by the holder	15 283 057	13 504	48 014	174 004	648 920	920 879
Area rented from others	1 416 183	3 927	17 357	39 444	91 883	98 549
Area under other single forms of tenure	102 300	398	1 691	4 429	15 720	22 365
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Arable land	11 394 144	12 335	51 390	167 993	559 228	749 821
Land under permanent crops (orchards)	154 874	1 675	3 515	5 451	11 885	13 364
Permanent meadows and pastures	2 946 102	289	3 312	21 706	106 478	160 535
Wood or forest land ¹	1 071 175	44	304	2 195	19 024	41 928
All other land	1 235 245	3 486	8 541	20 532	59 908	76 145
Of which:						
Fish ponds	(15 944)	(5)	(20)	(65)	(280)	(413)
3 - LIVESTOCK AND POULTRY						
Horses						
Total number of horses	2 426 741	1 210	3 260	11 904	64 701	136 310
Horses under 3 years of age	(384 484)	(62)	(222)	(927)	(6 507)	(15 636)
Horses 3 years of age and over	(2 042 257)	(1 148)	(3 038)	(10 977)	(58 194)	(120 674)
Cattle						
Total number of cattle	6 871 581	8 407	35 747	142 323	510 967	614 092
Calves under 1 year of age	1 229 158	647	3 044	12 824	55 329	79 745
Cattle 1 year of age and over	5 642 423	7 760	32 703	129 499	455 638	534 347
Cows	(4 879 858)	(7 150)	(30 457)	(120 448)	(420 657)	(485 906)
Other cattle	(762 565)	(610)	(2 246)	(9 051)	(34 981)	(48 441)
Holdings reporting specified number of cattle						
Total number of holdings reporting	2 777 921	6 696	28 637	111 550	359 800	365 058
1 head	(1 330 608)	(6 277)	(26 931)	(103 065)	(301 282)	(250 858)
2 head	(1 013 311)	(391)	(1 604)	(8 141)	(56 370)	(108 025)
3 head	(294 296)	(24)	(90)	(294)	(1 996)	(5 774)
4 head	(92 842)	(2)	(12)	(38)	(124)	(351)
5 head and over	(46 864)	(2)	(—)	(12)	(28)	(46)
Sheep						
Number of sheep	2 183 182	8 305	24 594	53 358	127 487	148 247

¹ Including nurseries of forest trees.

POLAND
Individual (private) holdings
Classified by size of holding (1960-II)

TOTAL AREA OF HOLDING

3 and under 4 ha	4 and under 5 ha	5 and under 10 ha	10 and under 20 ha	20 and under 50 ha	50 ha and over	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
360 573	304 294	937 738	350 221	33 086	1 405	Number
10.0	8.5	26.1	9.8	0.9	—	Percentage distribution
244 049	1 356 134	6 642 477	4 493 962	873 975	89 859	Area
7.4	8.1	39.5	26.8	5.2	0.5	Percentage distribution
						Fragmentation
						Number of holdings consisting of:
55 635	41 210	125 132	47 629	5 515	305	1 parcel
150 044	118 766	354 668	135 484	12 788	583	2-3 parcels
78 189	71 767	234 757	87 646	7 532	281	4-5 parcels
42 565	40 155	127 561	47 865	4 224	160	6-8 parcels
30 214	29 375	86 977	28 495	2 723	56	9 parcels and over
3 926	3 021	8 643	3 102	304	20	Number of parcels not known
						Number and area of holdings, by tenure
						Holdings fully owned
294 379	250 240	748 510	247 981	26 535	1 234	Number
52 031	45 947	169 731	96 122	6 011	132	Holdings partly owned
14 163	8 107	19 497	6 118	540	39	Number
47 014	35 429	133 744	76 651	14 780	2 599	Area
(35 381)	(30 097)	(125 152)	(73 118)	(12 189)	(2 051)	Of which:
						Area rented from others
						Area in holdings, by tenure
1 129 788	1 247 090	6 134 983	4 075 324	807 092	83 459	Area owned by the holder
98 868	100 754	489 284	408 511	62 357	5 249	Area rented from others
15 393	8 290	18 210	10 127	4 526	1 151	Area under other single forms of tenure
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
879 644	946 676	4 547 789	2 928 962	505 384	44 922	Arable land
14 431	14 832	54 623	29 094	5 659	345	Land under permanent crops (orchards)
197 157	221 022	1 191 752	887 378	145 374	11 099	Permanent meadows and pastures
63 784	77 830	397 620	319 985	129 490	18 971	Wood or forest land ¹
89 033	95 774	450 693	328 543	88 068	14 522	All other land
(565)	(678)	(4 127)	(4 632)	(3 177)	(1 982)	Of which:
						Fish ponds
						3 - LIVESTOCK AND POULTRY
						Horses
206 834	239 040	1 073 170	609 733	76 452	4 127	Total number of horses
(25 525)	(30 747)	(169 926)	(118 718)	(15 418)	(796)	Horses under 3 years of age
(181 309)	(208 293)	(903 244)	(491 015)	(61 034)	(3 331)	Horses 3 years of age and over
						Cattle
636 563	621 920	2 577 571	1 498 530	213 005	12 456	Total number of cattle
92 123	98 249	493 157	340 248	50 650	3 142	Calves under 1 year of age
544 440	523 671	2 084 414	1 158 282	162 355	9 314	Cattle 1 year of age and over
(488 331)	(463 884)	(1 783 655)	(945 395)	(127 077)	(6 898)	Cows
(56 109)	(59 787)	(300 759)	(212 887)	(35 278)	(2 416)	Other cattle
						Holdings reporting specified number of cattle
331 515	288 012	908 828	344 106	32 381	1 338	Total number of holdings reporting
(188 373)	(134 685)	(269 921)	(46 464)	(2 637)	(115)	1 head
(130 533)	(133 028)	(448 742)	(119 667)	(6 604)	(202)	2 head
(11 668)	(18 290)	(151 941)	(97 188)	(6 818)	(213)	3 head
(857)	(1 823)	(32 146)	(51 388)	(5 895)	(206)	4 head
(84)	(186)	(6 078)	(29 399)	(10 427)	(602)	5 head and over
						Sheep
164 945	175 868	831 456	552 021	88 669	8 232	Number of sheep

Area: in hectares

SIZE CLASSIFICATION E

	All sizes of holdings	0.1 and under 0.2 ha	0.2 and under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha
Pigs						
Number of pigs	10 703 028	59 724	146 619	293 006	684 776	767 219
Of which:						
Sows and gilts	(1 067 898)	(2 046)	(5 588)	(13 416)	(42 579)	(60 326)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES						
Selected agricultural equipment on the holding (number)						
Internal combustion motors	48 082	164		430	1 980	3 219
Electric motors	274 347	1 089		2 934	12 725	17 942
Tractors	13 595	72		165	569	700
Plows (tractor-operated)	9 482	28		40	213	251
Cultivators and spring harrows	1 545 713	1 502		6 176	41 403	91 817
Seed drills	320 159	80		312	2 263	6 278
Sprayers and dusters	48 061	185		462	1 793	2 939
Weeding machines	122 138	100		285	1 775	3 903
Mowers	243 457	58		204	1 295	3 497
Rakes (animal-operated)	203 698	54		176	746	1 567
Reapers and binders	185 915	21		88	573	1 449
Potato diggers	329 093	98		351	2 440	6 285
Threshers	587 122	419		1 885	12 170	25 381
Grain cleaners	970 531	895		6 222	44 161	79 238
Chaff cutters (animal-operated)	771 994	193		1 001	9 626	28 614
Carts	505 249	1 952		3 952	15 062	23 972
Trailers (tractor-operated)	5 540	55		92	291	349

POLAND
Individual (private) holdings
Classified by size of holding (1960-II)

TOTAL AREA OF HOLDING

3 and under 4 ha	4 and under 5 ha	5 and under 10 ha	10 and under 20 ha	20 and under 50 ha	50 ha and over	
832 695	872 788	4 144 415	2 540 015	343 320	18 451	Pigs
(73 847)	(83 130)	(439 191)	(302 160)	(43 269)	(2 346)	Number of pigs
						Of which:
						Sows and gilts
						6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
						Selected agricultural equipment on the holding (number)
						Internal combustion motors
3 715	4 159	16 968	14 253	3 038	156	Electric motors
21 812	23 801	115 950	69 256	8 355	483	Tractors
649	641	3 168	4 592	2 686	353	Plows (tractor-operated)
269	301	1 992	3 628	2 463	297	Cultivators and spring harrows
146 187	171 850	711 390	335 454	37 995	1 939	Seed drills
12 962	20 255	147 527	112 633	16 941	908	Sprayers and dusters
3 881	4 441	21 621	11 137	1 516	86	Weeding machines
6 521	8 335	51 929	41 579	7 230	481	Mowers
7 368	12 546	107 860	95 686	14 146	797	Rakes (animal-operated)
2 936	5 225	74 463	99 474	18 012	1 045	Reapers and binders
3 380	6 143	69 375	86 781	17 085	1 020	Potato diggers
12 473	19 656	146 611	123 472	16 861	846	Threshers
42 613	55 065	267 349	158 945	22 389	906	Grain cleaners
102 984	107 589	407 670	195 852	24 849	1 071	Chaff cutters (animal-operated)
57 519	80 159	382 111	189 162	22 836	773	Carts
35 183	45 555	227 508	133 839	17 460	766	Trailers (tractor-operated)
319	301	1 406	1 674	908	145	

Date of the census and time reference

For non-Bantu holdings, the agricultural census was conducted by means of a postal survey. Holders were requested to complete the census questionnaire and return it not later than 14 September 1960. For Bantu holdings, the census enumeration commenced on 1 September 1960. Returns were to be submitted to the Director of Census and Statistics not later than 30 September 1960.

For non-Bantu holdings, data in general refer to the 12-month period ended 30 June 1960, or as at 30 June 1960, except for (a) data on crops, which refer to the year ending 31 August 1960; (b) data on employment in agriculture and farm population, which refer to the month of June 1960; (c) information on sugarcane, which refers to 30 April 1960.

For Bantu holdings, the census data refer to the 12 months ending 31 August 1960, or as at that date.

Method of collection and processing of census data

An agricultural census for non-Bantu holdings is taken annually. In urban areas, the census covered those holdings the products of which were intended for sale, irrespective of size. In rural areas, the census covered all holdings, regardless of size, whether the products were intended for sale or not.

Separate census questionnaires were used for non-Bantu holdings and for all Bantu reserves, locations, trust land, state-owned land and other land owned and rented by Bantu. In the case of non-Bantu holdings, these holders were also required to complete a separate part of the census questionnaire in respect of the farming operations carried out on their holdings by Bantu.

The unit of enumeration in the Bantu areas was as follows :

- (a) In the case of Bantu tribes, the area of the chief or headman which was occupied by one or more kraalheads.
- (b) In the case of private persons or organizations, the holding (or farming unit).

Scope and definition of items**0 - HOLDER, HOLDING AND TENURE***Holder*

The holder was defined as the person who conducted the farming operations. It included the manager.

Whenever two or more related or associated persons (partnership or company) conducted farming operations, for the purpose of the census they were considered as constituting a single holder.

Holding

A holding was defined as any land on which livestock, including poultry, rabbits and bees, were kept or crops or fruit or flowers were grown (including afforestation and nurseries) and consisted of one or more separate farms or pieces of land, if these were situated in the same magisterial district and were operated by the holder as a single unit.

In the case of undivided holdings (operated by two or more individuals), only one report for the entire holding was preferred. However, if each individual wanted to prepare his own return he was at liberty to do so, but provisions were made to ensure that the total area of the holding was only shown in one return.

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Total area of the holding. This was considered to be the sum of arable land, land under permanent crops, land under permanent meadows and pastures, wood or forest land and all other land.

The basis for the classification of holdings by size was the total area of the holding.

Tenure

Area rented from others includes land rented for cash and/or produce and/or exchange for services and/or operated rent-free.

Tribal or communal tenure forms include: (a) areas operated under officially planned tribal or traditional communal tenure systems; and (b) areas operated under unplanned tribal or traditional communal tenure systems.

1 - LAND UTILIZATION

Arable land

This includes (a) land under temporary crops; (b) land under temporary pastures; (c) land temporarily fallow; and (d) land used as market and kitchen gardens.

Land under temporary crops includes all land used for crops whose growing cycle is under one year and which must be newly sown or planted after the harvest of each crop. Examples of such crops are wheat, maize, beans, potatoes, cotton, etc. It also includes land prepared for cultivation but not sown or planted at the time of the census.

Land under temporary pastures includes land temporarily cultivated with forage crops, such as alfalfa for mowing or pasture, with a period for rotation of less than five years.

Land temporarily fallow includes land resting for a period of less than five years before it is planted again.

Land under permanent crops

This includes land cultivated with crops which occupy the land for a long period of time and

do not need to be planted for many years after each harvest, such as fruit trees, nuts and vines. It includes nurseries but excludes wood or forest land.

Permanent meadows and pastures

This includes land used permanently (five years or more) for pasture, specially sown or planted, or for natural pasture.

Wood or forest land

This includes all wood lots or tracts of timber, natural or planted.

All other land

This includes land not used for agricultural purposes, unused land and land occupied by buildings, parks and ornamental gardens, roads or lanes, wasteland, land under water, and all other land not included in the previous categories.

2 - CROPS

For non-Bantu holdings, only those areas under vegetables, flowers and nursery products which were grown for sale were recorded; where double-cropping occurred, the same area might be allocated more than once.

3 - LIVESTOCK AND POULTRY

Data for non-Bantu holdings include all livestock and poultry on the holding as at 30 June 1960, whether belonging to the holder or not. Livestock moving to other areas within the country for grazing purposes was to be reported on the holding on which grazing took place as at 30 June 1960, while those moving outside the country were to be reported as being on the holding as at 30 June 1960. Figures for Bantu holdings refer to the number of animals on the holding as at 31 August 1960.

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4 - EMPLOYMENT IN AGRICULTURE

Data refer to persons working on non-Bantu holdings during June 1960. It includes the holder, members of his family, managers, employees normally engaged in farm work (including foremen) and casual employees paid directly by the holder, such as shearers, harvesters, fruit pickers, bricklayers, dam builders, etc., but excluding contractors and their employees. Data exclude persons mainly engaged in household work.

5 - FARM POPULATION

Figures refer to the holder and members of his household who lived on the holding during June 1960. It includes relatives and dependents temporarily absent from the holding for various reasons, as for instance holidays, or at school or college, hospital, etc. Farm population also includes other persons (nonmembers of the holder's household) who lived on the holding during June 1960. This latter category covers managers, foremen, laborers and squatters and all their relatives and dependents, as well as relatives or dependents temporarily absent from the holding for various reasons, for instance, those on holiday, at school or college, in hospital, etc.

The term "household" means the head of the family, the relatives and other persons living with him.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Figures relate to agricultural machinery, vehicles and equipment on the holding on 31 August 1960.

Tractor horsepower is based on the maximum drawbar horsepower.

7 - IRRIGATION AND DRAINAGE

For census purposes, irrigation was considered the practice of providing land with water other than rain for crop production. It included areas flooded by rivers or rainwater on which crops were grown after the water receded.

8 - FERTILIZERS AND SOIL DRESSINGS

Data refer to fertilizers and soil dressings used on non-Bantu holdings and applied during the period 1 July 1959 to 30 June 1960.

* * *

SOURCES: South Africa. Bureau of Census and Statistics. *Report on agricultural and pastoral production 1959-60*. Numbers 1, 2, 3, 4 and 5. Pretoria, Government Printer, 1963-1964. For data on 1950, see FAO. *Report on the 1950 world census of agriculture*, Volume 1. *Census results by countries*. Rome, 1955.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH AFRICA

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings	
Number	110 362
Area	105 944 935
Mode of operation of holdings ¹	
Operated by the holder	
Number	96 240
Area	75 793 785
Operated through a hired manager	
Number	9 619
Area	16 014 633
Main occupation of the holder ²	
Number of holders with agricultural main occupation	
Number	91 150
Number of holders with nonagricultural main occupation	
Number	12 963
Legal status of the holder	
Holdings operated by:	
Civil persons	
Number	105 280
Area	86 623 436
Corporations	
Number	1 158
Area	2 597 837
Government	
Number	510
Area	1 562 048
Tribes	
Number	3 084
Area	13 381 793
Others	
Number	330
Area	1 779 820
Number and area of holdings, by tenure ³	
Holdings operated under one form of tenure	
Holdings owned by the holder or in owner-like possession	
Number	85 466
Area	71 348 818
Holdings rented from others	
Number	11 655
Area	8 684 431
Holdings operated under other single forms of tenure ⁴	
Number	197
Area	494 624
Holdings operated under tribal or communal forms of tenure ⁴	
Number	3 084
Area	13 381 793
Holdings operated under more than one form of tenure	
Number	9 915
Area	12 035 269
Area of holdings, by tenure	
Area owned by the holder or in ownerlike possession	
Area	78 342 618
Area	13 725 900
Area operated under tribal or communal forms of tenure	
Area	13 381 793
Area operated under other forms of tenure	
Area	494 624
Number and area of holdings under a planned and under a traditional system of peasant or tribal agriculture ⁴	
Holdings operated under a definite plan	
Number	992
Area	3 270 112
Holdings operated under a traditional system	
Number	2 060
Area	10 111 681
Holdings operated under a definite plan and a traditional system	
Number	32

1 - LAND UTILIZATION

Utilization of land in holdings (area)	
Arable land	11 577 987
Land under permanent crops	480 189
Permanent meadows and pastures	90 389 976
Cultivated meadows and pastures	(210 058)
Uncultivated meadows and pastures	(90 179 918)
Wood or forest land	1 589 129
All other land	1 907 654

2 - CROPS - AREA AND PRODUCTION ^{5,6}

Crops on arable land	
Wheat ⁷	
Area	1 215 917
Production	736 566
Rye	
Area	68 661
Production	9 917
Rice ⁷	
Area	1 561
Production (husked)	1 605
Millet ⁷	
Area	102 415
Production	16 756
Sorghum (kafr corn) ⁷	
Area	617 413
Production	238 263
Maize (mealies) ⁷	
Area	5 444 062
Production	3 967 723
Barley	
Area sown	43 379
Area harvested	27 675
Production	25 551
Oats	
Area sown	549 928
Area harvested	226 507
Production	127 976
Oats, barley and rye ⁴	
Area	4 905
Other cereals	
Area	14 154
Edible dry beans ⁷	
Area harvested	135 162
Production	50 859
Lentils	
Area harvested	1 065
Production ⁷	1 512
Edible dry peas	
Area harvested	7 764
Production ⁷	7 900
Lupins	
Area	163 706
Production	56 928
Cowpeas ⁷	
Area	250 470
Production	11 839

¹ Refers to non-Bantu holdings only. - ² Refers to non-Bantu holdings operated by "civil persons." - ³ Excludes information on 45 undivided holdings. - ⁴ Refers to Bantu holdings only. - ⁵ Area sown or planted, unless otherwise specified. - ⁶ Data refer to non-Bantu holdings only, unless otherwise specified. - ⁷ Data refer to both Bantu and non-Bantu holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH AFRICA

Not classified by size of holding

Other leguminous crops					
Area		7 950			
Potatoes					
Area		52 289			
Production ⁷		319 676			
Sweet potatoes					
Area		7 751			
Production ⁷		40 013			
Onions					
Area		5 073			
Production		51 930			
Other tuber and root crops					
Area		15 308			
Sugarcane ⁷					
Area		229 329			
Production		7 813 942			
New Zealand flax ⁴					
Area		1 136			
Other fiber crops ⁷					
Area		822			
Groundnuts (peanuts) ⁷					
Area		284 270			
Production (unshelled)		197 909			
Soybeans					
Area		8 400			
Production		2 121			
Cottonseed					
Area		15 511			
Production		11 263			
Castor beans					
Area		8 975			
Production		4 062			
Sunflower seed					
Area		172 592			
Production		71 580			
Other oilseed crops					
Area		293			
Tobacco ⁷					
Area		43 801			
Production		26 396			
<i>Turkish tobacco ¹</i>					
Area		1 910			
Production		1 319			
<i>Flue-cured ¹</i>					
Area		18 854			
Production		11 151			
<i>Other tobacco ¹</i>					
Area		18 488			
Production		13 087			
Chicory					
Area		6 393			
Production		24 266			
Teff grass					
Area		103 721			
Production		241 514			
Alfalfa ⁷					
Area		227 715			
Production		787 905			
Other crops cut for hay ⁷					
Production		8 305			
Other fodder crops					
Area		53 007			
Cabbage and cauliflower ⁷					
Area		11 782			
Carrots					
Area		2 844			
Tomatoes ⁷					
Area		11 847			
Beans (harvested green) ⁷					
Area		9 505			
Peas (harvested green)					
Area		13 360			
Other vegetables					
Area		19 716			
Flowers					
Area		1 876			
Flower bulbs					
Area		362			
Other temporary crops					
Area		12 571			
Permanent crops					
Oranges					
Total number of trees		9 625 242			
Of productive age		(5 834 962)			
Of nonproductive age		(3 790 280)			
Mandarines					
Total number of trees		670 387			
Of productive age		(438 953)			
Of nonproductive age		(231 434)			
Lemons					
Total number of trees		811 710			
Of productive age		(296 377)			
Of nonproductive age		(515 333)			
Grapefruit					
Total number of trees		761 920			
Of productive age		(266 077)			
Of nonproductive age		(495 843)			
Sour limes					
Total number of trees		66 353			
Of productive age		(29 402)			
Of nonproductive age		(36 951)			
Other citrus trees					
Total number of trees		88 707			
Of productive age		(57 146)			
Of nonproductive age		(31 561)			
Apples					
Total number of trees		4 139 693			
Of productive age		(2 707 922)			
Of nonproductive age		(1 431 771)			
Pears					
Total number of trees		1 725 694			
Of productive age		(1 161 199)			
Of nonproductive age		(564 495)			
Quinces					
Total number of trees		111 101			
Of productive age		(97 585)			
Of nonproductive age		(13 516)			

¹ Refers to non-Bantu holdings only. - ⁴ Bantu holdings only. - ⁷ Data refer to both Bantu and non-Bantu holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH AFRICA

Not classified by size of holding

Apricots			
Total number of trees	3 316 516		
Of productive age	(2 892 172)		
Of nonproductive age	(424 344)		
Cherries			
Total number of trees	63 549 1		
Of productive age	(42 776)		
Of nonproductive age	(20 773)		
Peaches			
Total number of trees	6 639 024 1		
Of productive age	(5 079 187)		
Of nonproductive age	(1 559 837)		
Plums and prunes			
Total number of trees	933 946		
Of productive age	(747 259)		
Of nonproductive age	(186 687)		
Figs			
Total number of trees	72 574		
Of productive age	(66 749)		
Of nonproductive age	(5 825)		
Mangoes			
Total number of trees	377 230		
Of productive age	(346 419)		
Of nonproductive age	(30 811)		
Avocados			
Total number of trees	230 636		
Of productive age	(132 902)		
Of nonproductive age	(97 734)		
Guavas			
Total number of trees	467 081		
Of productive age	(421 725)		
Of nonproductive age	(45 356)		
Litchi			
Total number of trees	49 029		
Of productive age	(39 274)		
Of nonproductive age	(9 755)		
Passion fruit			
Total number of vines	803 395		
Of productive age	(444 966)		
Of nonproductive age	(358 429)		
Almonds			
Total number of trees	88 677		
Of productive age	(61 116)		
Of nonproductive age	(27 561)		
Walnuts			
Total number of trees	17 147		
Of productive age	(8 989)		
Of nonproductive age	(8 158)		
Macadamia nuts			
Total number of trees	6 797		
Of productive age	(250)		
Of nonproductive age	(6 547)		
Pecan nuts			
Total number of trees	27 163		
Of productive age	(11 942)		
Of nonproductive age	(15 221)		
Other edible nut trees			
Total number of trees	203 785		
Of productive age	(114 935)		
Of nonproductive age	(88 850)		
Currants and sultanas			
Total number of plants	7 806 831		
Of productive age	(7 125 315)		
Of nonproductive age	(681 516)		
Bananas			
Total area	8 981		
Under plants of productive age	(6 654)		
Under plants of nonproductive age	(2 327)		
Production	148 888		
Pineapples			
Area	22 147		
Production	129 993		
Papayas			
Total number of trees	1 533 636		
Trees of productive age	(1 042 705)		
Trees of nonproductive age	(490 931)		
Grapes (total)			
Number of vines	207 439 346		
Of productive age	(191 134 186)		
Of nonproductive age	(16 305 160)		
<i>Grapes for table use</i>			
Total number of vines	17 561 762		
Of productive age	(15 990 986)		
Of nonproductive age	(1 570 776)		
<i>Grapes for other purposes</i>			
Total number of vines	189 877 584		
Of productive age	(175 143 200)		
Of nonproductive age	(14 734 384)		
Olives			
Total number of trees	98 820		
Of productive age	(60 169)		
Of nonproductive age	(38 651)		
Sisal²			
Area	4 375		
Nurseries			
Area	2 362		
Other permanent crops			
Total number of trees	92 727		
Of productive age	(56 168)		
Of nonproductive age	(36 559)		
3 - LIVESTOCK AND POULTRY			
Horses, mules and asses			
Horses			
Number of horses	471 599		
Mules			
Number of mules	56 714		
Asses			
Number of asses	376 901		

²Data refer to both Bantu and non-Bantu holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH AFRICA

Not classified by size of holding

Cattle			
Total number of cattle	12 294 604		
Cattle under 2 years of age	4 036 738		
Calves under 1 year of age	(1 701 134)		
Young stock 1 year of age and under 2 years	(2 335 604)		
Cattle 2 years of age and over	8 257 866		
Cattle (all ages) classified by use or purpose			
Cows and heifers 2 years of age and over	5 550 436		
Bulls	393 676		
Other cattle	6 350 492		
Oxen	(3 243 283)		
Others	(3 107 209)		
Sheep			
Number of sheep	38 789 492		
Wool production sold	111 594		
Goats			
Number of goats	5 057 050		
Mohair production sold	3 161		
Pigs			
Number of pigs	1 380 666		
Poultry (number) ¹			
Chickens	17 573 120		
Ducks	215 679		
Geese	126 948		
Turkeys	417 269		
Other domesticated animals			
Ostriches (number) ¹	37 541		
4 - EMPLOYMENT IN AGRICULTURE ¹			
Persons employed in agricultural work on the holding			
All persons	1 506 754		
Holders and members of their households	158 475		
Male	(112 462)		
Female	(46 013)		
Persons working for pay on the holding			
Managers	5 640		
Male	(5 609)		
Female	(31)		
Regular workers	750 757		
Male	(644 938)		
Female	(105 819)		
Occasional workers	591 882		
Male	(307 960)		
Female	(283 922)		
5 - FARM POPULATION ¹			
All persons	6 995 290		
Male	(3 317 279)		
Female	(3 678 011)		
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES			
Selected agricultural equipment on the holding (number) ⁶			
Stationary engines		83 816	
Windmills ⁷		185 703	
Electric generators		21 058	
Electric motors		14 664	
Tractors (total) ⁹		119 196	
Wheel tractors		114 766	
Less than 15 hp		(3 237)	
15 hp and less than 27		(27 934)	
27 hp and less than 37		(41 496)	
37 hp and less than 47		(32 136)	
47 hp and over		(9 963)	
Tracklaying tractors		4 430	
Less than 40 hp		(2 309)	
40 hp and over		(2 121)	
Plows (total) ¹⁰		577 867	
Animal-operated		(448 903)	
Tractor-operated		(128 964)	
Harrows ⁷		179 625	
Disk harrows		76 253	
Planters ⁷		188 134	
Cultivators ⁷		285 975	
Fertilizer distributors		14 645	
Sprayers		8 598	
Mowers		40 092	
Hay rakes		31 008	
Combines (harvester-threshers)		10 223	
Pickers		2 584	
Potato diggers		1 528	
Potato harvesters		130	
Forage harvesters		1 279	
threshers		12 209	
Hay presses ⁷		6 587	
Grinders ⁷		23 561	
Shellers ¹¹		7 629	
Cutters		7 506	
Milking machines		3 172	
Cream separators ⁷		60 973	

¹ Refers to non-Bantu holdings only. - ⁴ Refers to Bantu holdings only. - ⁶ Data refer to non-Bantu holdings only, unless otherwise specified. - ⁷ Data refer to both Bantu and non-Bantu holdings. - ⁹ Data for non-Bantu holdings are given as follows in the national report:

Holders and members of the holder's household		
Male		203 694
Female		193 034
All other persons living on the holding		
Male		1 326 211
Female		1 232 166

⁹ Excludes 1,724 tractors on Bantu holdings not classified by horsepower or type. - ¹⁰ Excluding 52,406 plowshares and disk plows on non-Bantu holdings. - ¹¹ Including 581 power-driven shellers for non-Bantu holdings.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SOUTH AFRICA

Not classified by size of holding

Milk coolers	5 997	8 - FERTILIZERS AND SOIL DRESSINGS	
Incubators	7 121	Application of organic and inorganic fertilizers^{1,12}	
Carts ⁴	60 973	Organic fertilizers	
Trailers	69 663	Farmyard manure	
Wagons and trolleys	53 668	Amount applied (metric tons)	1 772 056
Trucks	69 376	Green manure	
Automobiles	77 807	Area treated	199 560
		Inorganic fertilizers	
		Number of holdings reporting	56 469
		Area treated	5 268 144
		Amount applied (metric tons)	1 150 057
		Application of soil dressings	
7 - IRRIGATION AND DRAINAGE		Lime	
Area of land actually irrigated	808 255	Area treated	439 431
Of which:		Amount applied (metric tons)	302 310
Area irrigated by sprinkler system	(67 406)	Other soil dressings	
		Area treated	93 341
		Amount applied	815

¹ Refers to non-Bantu holdings only - ⁴ Refers to Bantu holdings only. - ¹² Data for Bantu holdings are given as follows in the national report:

Fertilizers and soil dressings	
Number of holdings reporting the use of:	
Organic fertilizers	2 954
Inorganic fertilizers	2 154
Lime	115

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 4.3 ha	4.3 and under 8.6 ha	8.6 and under 17.1 ha	17.1 and under 42.8 ha	42.8 and under 85.7 ha
		Under 5 morgen	5 and under 10 morgen	10 and under 20 morgen	20 and under 50 morgen	50 and under 100 morgen
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
Number	110 362	5 083	6 012	6 271	8 671	6 226
Percentage distribution	100.0	4.6	5.4	5.7	7.9	5.6
Area	105 944 935	10 800	31 916	69 533	234 050	377 288
Percentage distribution	100.0	—	—	0.1	0.2	0.4
Mode of operation of holdings ¹						
Operated by the holder						
Number	96 240	4 708	5 659	5 719	8 000	5 634
Area	75 793 785	10 050	30 022	63 738	214 225	340 698
Operated through a hired manager						
Number	9 619	168	246	288	540	472
Area	16 014 633	359	1 330	3 278	16 316	29 018
Number and area of holdings, by tenure						
Holdings operated under one form of tenure						
Holdings owned by the holder or in ownerlike possession						
Number	85 466	4 085	4 909	5 297	7 213	5 029
Area	71 348 819	8 691	25 876	58 642	194 516	305 582
Holdings rented from others						
Number	11 655	932	916	660	888	695
Area	8 684 430	1 941	4 917	7 150	23 618	40 940
Holdings operated under other single forms of tenure ²						
Number	197	—	—	—	6	7
Area	494 624	—	—	—	163	368
Holdings operated under tribal or communal forms of tenure ²						
Number	3 084	—	1	4	9	25
Area	13 381 793	—	8	53	240	1 539
Holdings operated under more than one form of tenure						
Number	9 915	66	186	310	555	470
Area	12 035 269	168	1 115	3 708	15 513	28 859
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Arable land	11 577 987	3 753	11 321	29 061	103 206	130 319
Land under permanent crops	480 189	1 560	5 128	11 275	30 458	35 964
Permanent meadows and pastures	90 389 976	2 216	8 612	18 455	72 906	176 943
Cultivated meadows and pastures	(210 058)	(60)	(160)	(616)	(1 808)	(2 330)
Uncultivated meadows and pastures	(90 179 918)	(2 156)	(8 452)	(17 839)	(71 098)	(174 613)
Wood or forest land	1 589 129	56	461	1 079	4 529	8 785
All other land	1 907 654	3 215	6 392	9 682	22 950	25 278
2 - CROPS - AREA AND PRODUCTION						
Crops on arable land ¹						
Wheat						
Number of holdings reporting	19 159			7 273		
Production	725 702			28 346		
Sorghum (kafir corn)						
Number of holdings reporting	6 783			3 214		
Production	155 473			11 319		
Maize (mealies)						
Production	3 450 084			86 839		

¹ Refers to non-Bantu holdings only. - ² Refers to Bantu holdings only.

SOUTH AFRICA

Classified by size of holding

TOTAL AREA OF HOLDING

0.7 and under 1.3 ha	171.3 and under 428.3 ha	428.3 and under 856.7 ha	856.7 and under 2 142 ha	2 142 ha and over	Undivided holdings	
0 and under 500 morgen	200 and under 500 morgen	500 and under 1 000 morgen	1 000 and under 2 500 morgen	2 500 morgen and over		
0 - HOLDER, HOLDING AND TENURE						
Number and area of holdings						
8 967	22 467	18 075	16 553	11 992	45	Number
8.1	20.4	16.4	15.0	10.9	—	Percentage distribution
095 873	6 305 653	10 841 801	21 783 809	65 194 192	...	Area
1.0	6.0	10.2	20.6	61.5	...	Percentage distribution
Mode of operation of holdings ¹						
Operated by the holder						
8 059	20 404	15 863	13 689	8 472	33	Number
983 131	5 715 425	9 483 711	17 855 085	41 097 700	...	Area
Operated through a hired manager						
701	1 715	1 733	1 930	1 814	12	Number
87 295	492 671	1 055 986	2 601 351	11 727 029	...	Area
Number and area of holdings, by tenure						
Holdings operated under one form of tenure						
Holdings owned by the holder or in ownerlike possession						
7 287	17 763	13 628	12 008	8 247	—	Number
889 364	4 968 808	8 137 336	15 756 829	41 003 175	—	Area
Holdings rented from others						
981	2 636	1 885	1 308	754	—	Number
118 514	732 503	1 112 922	1 660 862	4 981 063	—	Area
Holdings operated under other single forms of tenure ²						
14	38	49	45	38	—	Number
1 900	10 681	30 991	60 410	390 111	—	Area
Holdings operated under tribal or communal form of tenure ²						
58	159	343	840	1 645	—	Number
7 316	46 572	221 062	1 202 711	11 902 292	—	Area
Holdings operated under more than one form of tenure						
627	1 871	2 170	2 352	1 308	—	Number
78 779	547 089	1 339 490	3 102 997	6 917 551	—	Area
1 - LAND UTILIZATION						
Utilization of land in holdings (area)						
Arable land						
365 913	2 135 399	2 868 918	3 040 119	2 889 978	—	Arable land
54 583	115 936	75 690	61 863	87 732	—	Land under permanent crops
601 488	3 751 651	7 499 709	18 039 908	60 218 088	—	Permanent meadows and pastures
(6 442)	(32 378)	(49 537)	(59 599)	(57 128)	(—)	Cultivated meadows and pastures
595 046)	(3 719 273)	(7 450 172)	(17 980 309)	(60 160 960)	(—)	Uncultivated meadows and pastures
24 476	128 901	186 079	280 423	954 340	—	Wood or forest land
49 413	173 765	211 404	361 499	1 044 056	—	All other land
2 - CROPS - AREA AND PRODUCTION						
Crops on arable land ¹						
Wheat						
3 315	4 064	2 200	2 307	—	—	Number of holdings reporting
41 695	112 578	137 264	405 819	—	—	Production
Sorghum (kafir corn)						
1 219	1 443	582	325	—	—	Number of holdings reporting
15 401	39 786	35 206	53 761	—	—	Production
Maize (mealies)						
121 951	369 421	486 295	2 385 578	—	—	Production

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Under 4.3 ha	4.3 and under 8.6 ha	8.6 and under 17.1 ha	17.1 and under 42.8 ha	42.8 and under 85.7 ha
		Under 5 morgen	5 and under 10 morgen	10 and under 20 morgen	20 and under 50 morgen	50 and under 100 morgen
Edible dry beans						
Number of holdings reporting	6 767			5 668		
Production	41 829			10 687		
Potatoes						
Number of holdings reporting	13 551			5 964		
Production	314 194			3 383		
Onions						
Number of holdings reporting	3 511			1 248		
Production	41 574			553		
Groundnuts (peanuts)						
Number of holdings reporting	7 862			1 843		
Production	193 897			3 998		
Sunflower seed						
Number of holdings reporting	7 263			3 338		
Production	71 580			6 021		
3 - LIVESTOCK AND POULTRY ¹						
Cattle						
Number of holdings reporting	91 964	20 786		11 786	21 109	17 200
Number of cattle	7 518 381	94 797		166 769	695 918	1 214 040
Sheep						
Number of holdings reporting	57 260	2 130		2 169	5 733	6 746
Number of sheep	35 116 196	10 660		31 182	196 341	486 595
Goats						
Number of holdings reporting	13 356	2 836		1 485	2 616	2 010
Number of goats	1 994 922	12 333		20 486	83 421	139 775
Pigs						
Number of holdings reporting	44 876	32 894		6 257	4 202	949
Number of pigs	552 477	114 535		82 662	120 589	61 955

¹ Refers to non-Bantu holdings only.

SOUTH AFRICA

Classified by size of holding

TOTAL AREA OF HOLDING

5.7 and under 71.3 ha	171.3 and under 428.3 ha	428.3 and under 856.7 ha	856.7 and under 2 142 ha	2 142 ha and over	Undivided holdings	
10 and under 500 morgen	200 and under 500 morgen	500 and under 1 000 morgen	1 000 and under 2 500 morgen	2 500 morgen and over		
544 6 515	400 10 085	120 6 708	35 7 834		— —	Edible dry beans Number of holdings reporting Production
1 672 3 655	2 183 11 229	1 172 13 394	2 560 282 533		— —	Potatoes Number of holdings reporting Production
434 766	678 2 710	417 3 886	734 33 659		— —	Onions Number of holdings reporting Production
1 242 8 022	2 190 31 141	1 383 42 988	1 204 107 748		— —	Groundnuts (peanuts) Number of holdings reporting Production
1 428 8 743	1 656 22 436	598 17 581	243 16 799		— —	Sunflower seed Number of holdings reporting Production
						3 - LIVESTOCK AND POULTRY
						Cattle
19 213 3 797 886		1 517 994 114	353 554 857		— —	Number of holdings reporting Number of cattle
						Sheep
19 432 4 884 477		9 650 6 905 769	11 400 22 601 172		— —	Number of holdings reporting Number of sheep
						Goats
3 426 753 449		693 469 292	290 516 166		— —	Number of holdings reporting Number of goats
						Pigs
493 91 789		59 39 403	22 41 544		— —	Number of holdings reporting Number of pigs

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1950 AND 1960

SOUTH AFRICA¹

	1950	1960		1950	1960
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings, by size¹					
All sizes of holdings					
Number	116 848	105 859			
Area	86 938 009	91 808 418			
Holdings under 4.3 ha					
Number	8 632	4 876			
Area	23 653	10 409			
Holdings 4.3 and under 8.6 ha					
Number	5 966	5 905			
Area	36 173	31 353			
Holdings 8.6 and under 17.1 ha					
Number	5 623	6 007			
Area	67 255	67 016			
Holdings 17.1 and under 42.8 ha					
Number	7 704	8 540			
Area	219 229	230 541			
Holdings 42.8 and under 85.7 ha					
Number	6 510	6 106			
Area	431 336	369 717			
Holdings 85.7 and under 171.3 ha					
Number	11 958	8 760			
Area	1 639 238	1 070 426			
Holdings 171.3 and under 428.3 ha					
Number	25 559	22 119			
Area	7 750 483	6 208 096			
Holdings 428.3 and under 856.7 ha					
Number	20 450	17 596			
Area	12 799 101	10 539 697			
Holdings 856.7 and under 2 142 ha					
Number	15 329	15 619			
Area	20 567 779	20 456 436			
Holdings 2 142 ha and over					
Number	8 869	10 286			
Area	43 403 761	52 824 729			
Undivided holdings					
Number	248	45			
2 - CROPS - AREA AND PRODUCTION					
Crops on arable land²					
Wheat					
Area	803 331	984 535			
Production	414 671	725 702			
Oats					
Area ¹	134 498	226 507			
Production	73 606	127 976			
Groundnuts (peanuts)					
Area (planted)	131 310	264 447			
Production	74 312	193 897			
Sunflower seed					
Area	81 643	172 592			
Production	27 057	71 580			
Permanent crops					
Oranges					
Total number of trees	4 192 063	9 625 242			
Of productive age	(3 415 593)	(5 834 962)			
Of nonproductive age	(776 470)	(3 790 280)			
			Apples		
			Total number of trees	2 695 193	4 139 693
			Of productive age	(1 836 758)	(2 707 922)
			Of nonproductive age	(858 435)	(1 431 771)
			Peaches		
			Total number of trees	5 656 654	6 639 024
			Of productive age	(3 893 899)	(5 079 187)
			Of nonproductive age	(1 762 755)	(1 559 837)
			Grapes		
			Total number of vines	188 437 646	207 439 346
			Of productive age	(165 154 160)	(191 134 186)
			Of nonproductive age	(23 283 486)	(16 305 160)
			3 - LIVESTOCK AND POULTRY		
			Horses		
			Number of horses	303 013	162 085
			Mules		
			Number of mules	92 684	43 864
			Asses		
			Number of asses	319 819	92 872
			Cattle		
			Number of cattle	6 791 796	7 518 381
			Sheep		
			Number of sheep	27 695 943	35 116 196
			Goats		
			Number of goats	1 767 552	1 994 922
			Pigs		
			Number of pigs	699 138	552 477
			Ostriches		
			Number of ostriches	40 430	37 541
			6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
			Selected agricultural equipment on the holding		
			Tractors		
			Number	48 423	119 196
			Combines (harvester-threshers)		
			Number of combines	5 304	10 223
			7 - IRRIGATION AND DRAINAGE		
			Area of land actually irrigated		
			Area	509 677	788 050

¹ Refers to non-Bantu holdings only. - ² Area harvested, unless otherwise specified.

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Date of the census and time reference

For non-Bantu holdings the agricultural census was conducted by means of a postal survey. Holders were requested to complete the census questionnaire and return it not later than 14 September 1960. For Bantu holdings, the census enumeration commenced on 1 September 1960. Returns were to be submitted not later than 30 September 1960.

For non-Bantu holdings, data in general refer to the 12-month period ending 30 June 1960, or as at 30 June 1960, except for (a) data on crops, which refer to the year ending 31 August 1960; (b) data on employment in agriculture and farm population, which refer to the month of June 1960.

For Bantu holdings, the census data refer to the 12 months ending 31 August 1960, or as at that date.

Method of collection and processing of census data

An agricultural census is undertaken once every five years. In urban areas the census covered those holdings the products of which were intended for sale, irrespective of size. In rural areas the census covered all holdings, regardless of size, whether the products were intended for sale or not.

Separate census questionnaires were used for non-Bantu holdings and for all Bantu reserves, locations, trust land, state-owned land and other land owned and rented by Bantu. In the case of non-Bantu holdings, these holders were also required to complete a separate part of the census questionnaire in respect of the farming operations carried out on their holdings by Bantu.

The unit of enumeration in the Bantu areas was as follows:

- (a) in the case of Bantu tribes, the area of the chief or headman which was occupied by one or more kraalheads; and
- (b) the holding (or farming unit) in the case of private persons or organizations.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the person who conducted the farming operations. It included the manager.

Whenever two or more related or associated persons (partnership or company) conducted farming operations, for the purpose of the census they were considered as constituting a single holder.

Holding

A holding was defined as any land on which livestock, including poultry, rabbits and bees were kept, or crops or fruit or flowers were grown (including afforestation and nurseries), and consisted of one or more separate farms or pieces of land, if these were situated in the same magisterial district and were operated by the holder as a single unit.

In the case of undivided holdings (operated by two or more individuals), only one report for the whole holding was preferred. However, if each individual wanted to make his own return, he was at liberty to do so, but provisions were made to ensure that the total area of the holding was only shown in one return.

Total area of the holding. This was considered to be the sum of arable land, land under permanent crops, land under permanent meadows

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and pastures, wood or forest land and all other land.

The basis for the classification of holdings by size was the total area of the holding.

Tenure

Area rented from others includes land rented for cash and/or produce and/or exchange for services and/or operated rent-free.

Tribal or communal forms of tenure include (a) areas operated under officially planned tribal or traditional communal tenure systems; and (b) areas operated under unplanned tribal or traditional communal tenure systems.

1 - LAND UTILIZATION

Arable land

This includes all land used for crops whose growing cycle is under one year and which must be newly sown or planted after the harvest of each crop. Examples of such crops are wheat, maize, beans, potatoes, cotton, etc. It also includes land prepared for cultivation but not sown or planted at the time of the census.

Land under permanent crops

This includes land cultivated with crops which occupy the land for a long period of time and do not need to be replanted for many years after each harvest, such as fruit trees, nuts and vines. It includes nurseries but excludes wood or forest land.

Permanent meadows and pastures

This includes land used permanently (five years or more) for pasture specially sown or planted or for natural pasture.

Wood or forest land

This includes all wood lots or tracts of timber, natural or planted.

All other land

This includes land not used for agricultural purposes, unused land and land occupied by buildings, parks and ornamental gardens, roads or lanes, wasteland, land under water, and all other land not included in the previous categories.

2 - CROPS

For non-Bantu holdings, only those areas under vegetables, flowers and nursery products which were grown for sale were recorded; where double-cropping occurred the same area might be allocated more than once.

3 - LIVESTOCK AND POULTRY

Data for non-Bantu holdings include all livestock and poultry running on the holding as at 30 June 1960, whether belonging to the holder or not. Livestock moving to other areas within the country for grazing purposes was to be reported on the holding on which grazing took place on 30 June 1960, while those animals moving outside the country were to be reported as if they were on the holding on 30 June 1960. Figures for Bantu holdings refer to the number of animals on the holding as at 31 August 1960.

4 - EMPLOYMENT IN AGRICULTURE

Data refer to persons working on non-Bantu holdings during June 1960. It includes the holder, members of his family, managers, employees normally engaged in farm work (including foremen) and casual employees paid directly by the holder, such as shearers, harvesters, fruit pickers, bricklayers, dam builders, etc., but excluding contractors and their employees. Data exclude persons mainly engaged in household work.

5 - FARM POPULATION

Figures refer to the holder and members of his household who lived on the holding during June 1960. It includes relatives and dependents temporarily absent from the holding for various

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reasons as, for instance, holidays, or at school or college, hospital, etc. Farm population also includes other persons (nonmembers of the holder's household) who lived on the holding during June 1960. The latter category covers managers, foremen, laborers and squatters and all their relatives and dependents, as well as relatives or dependents temporarily absent from the holding for various reasons, for example, those on holiday, or at school or college, in hospital, etc.

The term "household" means the head of the family, the relatives, and other persons living with him.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Figures relate to agricultural machinery, vehicles and equipment on the holding on 31 August 1960.

Tractor horsepower is based on the maximum drawbar horsepower.

7 - IRRIGATION AND DRAINAGE

For census purposes, irrigation was considered to denote the practice of providing land with water other than rain for crop production. It included areas flooded by rivers or rainwater on which crops were grown after the water had receded.

8 - FERTILIZERS AND SOIL DRESSINGS

Data refer to fertilizers and soil dressings used on non-Bantu holdings and applied during the period 1 July 1959 to 30 June 1960.

* * *

SOURCE: South Africa. Bureau of Census and Statistics. *Report on agricultural and pastoral production 1959-60*. Numbers 1, 2, 3, 4 and 5; Pretoria, Government Printer, 1963-64.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH WEST AFRICA

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings ¹	
Number	5 358
Area	61 082 869
Mode of operation of holdings ²	
Operated by the holder	
Number	4 656
Area	33 475 727
Operated through a hired manager	
Number	535
Area	5 534 400
Main occupation of the holder ³	
Number of holders with agricultural main occupation	
	4 990
Number of holders with nonagricultural main occupation	
	170
Legal status of the holder ¹	
Holding operated by:	
Civil persons	
Number	5 160
Area	37 814 890
Corporations	
Number	34
Area	970 492
Government	
Number	12
Area	487 661
Tribes	
Number	141
Area	21 661 718
Others	
Number	11
Area	148 108
Number and area of holdings, by tenure ⁴	
Holdings operated under one form of tenure	
Holdings owned by the holder or in owner-like possession	
Number	4 478
Area	34 075 682
Holdings rented from others	
Number	431
Area	2 337 887
Holdings operated under other single forms of tenure ⁵	
Number	1
Area	411 024
Holdings operated under tribal or communal forms of tenure	
Number	141
Area	21 661 718
Holdings operated under more than one form of tenure ⁵	
Number	205
Area	2 596 558
Area of holdings, by tenure	
Area owned by the holder or in ownerlike possession	
	35 508 929
Area rented from others	
	3 501 198
Area operated under tribal or communal forms of tenure	
	21 661 718
Area operated under other forms of tenure	
	411 024

1 - LAND UTILIZATION

Utilization of land in holdings (area)	
Arable land	641 245
Land under permanent crops	447
Permanent meadows and pastures	52 905 739
Cultivated meadows and pastures	(4 199)
Uncultivated meadows and pastures	(52 901 540)
Wood or forest land	5 298 111
All other land	2 237 327

2 - CROPS - AREA AND PRODUCTION ^{6,7}

Crops on arable land	
Wheat ⁸	
Area	642
Production	387
Rye	
Area	5
Production	2
Millet ⁸	
Area	217 583
Production	21 654
Sorghum (kafir corn) ⁸	
Area	14 225
Production	1 870
Maize (mealies) ⁸	
Area	37 926
Production	7 122
Barley	
Area sown	29
Area harvested	4
Production	4
Oats	
Area	35
Edible dry beans	
Number of holdings reporting	23
Area harvested	63
Production	112
Lentils	
Area harvested	2
Production	1
Edible dry peas	
Area harvested	8
Production	8
Lupines	
Area	89
Production	2
Cowpeas ⁸	
Area	4 009
Production	246
Potatoes	
Number of holdings reporting	57
Area	72
Production	473
Sweet potatoes	
Area	15
Production	45
Onions	
Number of holdings reporting	17
Area	4
Production	14
Other tuber and root crops	
Area	3
Groundnuts (peanuts) ⁸	
Area	1 595
Production (unshelled)	174
Soybeans	
Area harvested	4
Production	1

¹ Including 102 holdings not surveyed for which information on area is not available. - ² Refers to non-Bantu holdings only. - ³ Refers to non-Bantu holdings operated by "civil persons." - ⁴ Excluding 102 holdings not surveyed for which information on area is not available. - ⁵ Refers to Bantu holdings only. - ⁶ Data refer to non-Bantu holdings only unless otherwise specified. - ⁷ Area sown unless otherwise specified. - ⁸ Data refer to both Bantu and non-Bantu holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH WEST AFRICA

Not classified by size of holding

Cottonseed			
Area	53		
Production	53		
Castor beans			
Area	160		
Production	8		
Sunflower seed			
Number of holdings reporting	27		
Area	208		
Production	49		
Tobacco [§]			
Area	141		
Production	134		
<i>Turkish tobacco [‡]</i>			
Area	2		
Production	2		
<i>Flue-cured tobacco [‡]</i>			
Area	29		
Production	38		
Other tobacco [‡]			
Area	62		
Production	91		
Teff grass			
Area	48		
Hay production	23		
Alfalfa			
Area	573		
Hay production	3 037		
Other fodder crops			
Area	327		
Cabbage and cauliflower [§]			
Area	48		
Carrots			
Area	51		
Tomatoes [§]			
Area	55		
Beans (harvested green) [§]			
Area	22		
Peas (harvested green)			
Area	9		
Other vegetables [§]			
Area	233		
Flowers			
Area	8		
Flower bulbs			
Area	2		
Permanent crops			
Oranges			
Total number of trees	9 723		
Of productive age	(5 917)		
Of nonproductive age	(3 806)		
Mandarines			
Total number of trees	1 217		
Of productive age	(805)		
Of nonproductive age	(412)		
Lemons			
Total number of trees	200		
Of productive age	(173)		
Of nonproductive age	(27)		
Grapefruit			
Total number of trees	529		
Of productive age	(340)		
Of nonproductive age	(189)		
Sour limes			
Total number of trees	5 055		
Of productive age	(5 053)		
Of nonproductive age	(2)		
Other citrus trees			
Total number of trees	123		
Of productive age	(48)		
Of nonproductive age	(75)		
Apples			
Total number of trees	95		
Of productive age	(65)		
Of nonproductive age	(30)		
Pears			
Total number of trees	50		
Of productive age	(5)		
Of nonproductive age	(45)		
Quinces			
Total number of trees	169		
Of productive age	(49)		
Of nonproductive age	(120)		
Apricots			
Total number of trees	58		
Of productive age	(21)		
Of nonproductive age	(37)		
Cherries			
Number of trees of nonproductive age	5		
Peaches			
Total number of trees	2 462		
Of productive age	(2 405)		
Of nonproductive age	(57)		
Plums and prunes			
Total number of trees	52		
Of productive age	(17)		
Of nonproductive age	(35)		
Figs			
Total number of trees	164		
Of productive age	(115)		
Of nonproductive age	(49)		
Mangoes			
Total number of trees	39		
Of productive age	(11)		
Of nonproductive age	(28)		
Avocados			
Total number of trees	53		
Of productive age	(26)		
Of nonproductive age	(27)		
Guavas			
Total number of trees	700		
Of productive age	(670)		
Of nonproductive age	(30)		
Passion fruit			
Total number of vines	14		
Of productive age	(12)		
Of nonproductive age	(2)		

[‡] Refers to non-Bantu holdings only. - [§] Data refer to both Bantu and non-Bantu holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SOUTH WEST AFRICA

Not classified by size of holding

Currants and sultanas	
Total number of plants	10 913
Of productive age	(87)
Of nonproductive age	(10 826)
Papayas	
Total number of trees	818
Of productive age	(473)
Of nonproductive age	(345)
Grapes (total)	
Number of vines	15 330
Of productive age	(13 850)
Of nonproductive age	(1 480)
<i>Grapes for table use</i>	
Number of vines	6 850
Of productive age	(5 810)
Of nonproductive age	(1 040)
<i>Grapes for other purposes</i>	
Number of vines	8 480
Of productive age	(8 040)
Of nonproductive age	(440)
Olives	
Total number of trees	25
Of productive age	(10)
Of nonproductive age	(15)
Nurseries	
Area	2
Other permanent crops	
Trees of productive age	
Number of trees	37

3 - LIVESTOCK AND POULTRY

Horses, mules and asses	
Horses	
Number of horses	41 932
Mules	
Number of mules	3 956
Asses	
Number of asses	71 509
Cattle	
Total number of cattle	2 439 754
Cattle under 2 years of age	811 864
Calves under 1 year of age	(342 098)
Young stock 1 year of age and under 2 years	(469 766)
Cattle 2 years of age and over	1 627 890
Cattle (all ages) classified by use or purpose	
Cows and heifers 2 years of age and over	1 060 539
Bulls	37 067
Other cattle	1 342 148
Oxen	(746 339)
Others	(595 809)
Sheep	
Number of sheep	3 131 652
Wool production sold	3 452

Goats	
Number of goats	1 358 833
Mohair production sold	18
Pigs	
Number of pigs	26 937
Poultry (number)	
Chickens	416 134
Ducks ²	5 758
Geese ²	2 344
Turkeys ²	7 001
Other domesticated animals (number)	
Beehives	146
Ostriches ²	737

4 - EMPLOYMENT IN AGRICULTURE³

Persons employed in agricultural work on the holding	
All persons	39 668
Holders and members of their households	8 507
Male	(5 830)
Female	(2 677)
Persons working for pay on the holding	
Managers	218
Male	(217)
Female	(1)
Regular workers	25 112
Male	(24 124)
Female	(988)
Occasional workers	5 831
Male	(5 396)
Female	(435)

5 - FARM POPULATION

All persons ⁴	396 615
Male	(184 406)
Female	(212 209)

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment on the holding (number)⁵	
Stationary engines	9 495
Windmills⁶	15 848
Electric generators	1 054
Electric motors	194
Tractors (total)¹⁰	1 593
<i>Wheel tractors</i>	1 493
Less than 15 hp	(52)
15 and less than 27 hp	(346)
27 and less than 37 hp	(530)
37 and less than 47 hp	(431)
47 hp and over	(134)
<i>Tracklaying tractors</i>	100
Less than 40 hp	(29)
40 hp and over	(71)
Plows (total)^{8,11}	12 479
Animal-operated	(11 250)
Tractor-operated	(1 229)

² Refers to non-Bantu holdings only. - ³ Data refer to non-Bantu holdings only unless otherwise specified. - ⁴ Data refer to both Bantu and non-Bantu holdings. - ⁵ Data for non-Bantu holdings are given as follows in the national report:

Holders and members of the holder's household	21 074
Male	(10 878)
Female	(10 196)
All other persons living on the holding	73 932
Male	(43 700)
Female	(30 232)

¹⁰ Excludes 12 tractors on Bantu holdings not classified by horsepower or type. - ¹¹ Excluding 139 plowshares and disk plows on non-Bantu holdings and 387 subsoilers and rippers.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SOUTH WEST AFRICA

Not classified by size of holding

Harrows ⁸	1 175	Trailers	1 288
Disk harrows	528	Wagons and trolleys ⁸	1 716
Planters ⁸	1 168	Trucks	5 310
Cultivators ⁸	921	Automobiles (incl. jeeps and stationwagons)	2 812
Fertilizer distributors	166		
Sprayers	104		
Mowers ⁸	404	7 - IRRIGATION AND DRAINAGE⁸	
Hay rakes	263	Area of land actually irrigated	3 784
Combines (harvester-threshers)	28	Of which:	
Pickers	8	Area irrigated by sprinklers	(236)
Potato diggers	3		
Potato harvesters	1	8 - FERTILIZERS AND SOIL DRESSINGS⁸	
Forage harvesters	20	Application of organic and inorganic fertilizers	
Threshers	221	Organic fertilizers	
Hay pressers	69	Farmyard manure	
Grinders ⁸	174	Amount applied (metric tons)	32 061
Shellers ¹²	85	Green manure	
Cutters	67	Area treated	1 660
Milking machines	102	Inorganic fertilizers	
Cream separators ⁸	4 159	Number of holdings reporting	279
Milk coolers	404	Area treated	10 206
Incubators	161	Amount applied (metric tons)	1 502
Carts ⁸	4 565	Application of soil dressings	
		Lime	
		Area treated	255
		Amount applied (metric tons)	107
		Other soil dressings	
		Area treated	56
		Amount applied	1

⁷ Refers to non-Bantu holdings only. - ⁸ Data refer to both Bantu and non-Bantu holdings. - ¹² Including 15 power-driven shellers for non-Bantu holdings.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION I

	All sizes of holdings	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
0 - HOLDER, HOLDING AND TENURE							
Number and area of holdings							
Number	5 191	5	11	51	27	48	18
Percentage distribution	100.0	0.1	0.2	1.0	0.5	0.9	0.4
Area	39 010 127	5	35	333	343	1 410	1 251
Percentage distribution	100.0	—	—	—	—	—	—
Mode of operation of holdings							
Operated by the holder							
Number	4 656	5	10	49	25	46	16
Area	33 475 727	5	32	321	317	1 360	1 120
Operated through a hired manager							
Number	535	—	1	2	2	2	2
Area	5 534 400	—	3	12	26	50	131
Number and area of holdings, by tenure							
Holdings operated under one form of tenure							
Holdings owned by the holder or in ownerlike possession							
Number	4 478	4	10	47	23	43	16
Area	34 073 682	4	33	307	298	1 278	1 135
Holdings rented from others							
Number	431	1	1	2	2	3	2
Area	2 337 887	1	2	10	21	82	116
Holdings operated under more than one form of tenure							
Number	205	—	—	2	2	2	—
Area	2 596 558	—	—	16	24	50	—
1 - LAND UTILIZATION							
Utilization of land in holdings							
Arable land							
Number of holdings reporting	1 720	—	6	46	22	38	13
Area	66 472	—	12	214	134	307	308
Land under permanent crops							
Number of holdings reporting	179	1	—	12	6	7	6
Area	447	1	—	13	7	20	22
Permanent meadows and pastures							
Area (total)	38 711 673	1	14	56	151	954	862
Cultivated meadows and pastures							
Number of holdings reporting	61	—	—	—	1	—	2
Area	(4 199)	(—)	(—)	(—)	(1)	(—)	(13)
Uncultivated meadows and pastures							
Number of holdings reporting	5 059	1	7	15	23	44	18
Area	(38 707 474)	(1)	(14)	(56)	(150)	(954)	(849)
Wood or forest land							
Number of holdings reporting	9	—	—	—	—	—	—
Area	3 431	—	—	—	—	—	—
All other land							
Number of holdings reporting	5 091	4	7	40	25	47	18
Area	228 104	3	9	50	51	129	59
2 - CROPS - AREA AND PRODUCTION							
Crops on arable land							
Wheat							
Number of holdings reporting	24				13		
Production	368				23		
Sorghum (kafr corn)							
Number of holdings reporting	22				17		
Production	129				36		
Maize (mealies)							
Production	6 063				1 277		

SOUTH WEST AFRICA
Non-Bantu holdings
Classified by size of holding

AL AREA OF HOLDING

Under 100 ha	200 and under 500 ha	500 and under 1 000 ha	1 000 and under 2 500 ha	2 500 ha and over	Undivided holdings	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
14	23	36	301	4 580	77	Number
0.3	0.4	0.7	5.8	88.2	1.5	Percentage distribution
1 730	8 380	27 490	554 291	38 414 859	—	Area
—	—	0.1	1.4	98.5	—	Percentage distribution
						Mode of operation of holdings
						Operated by the holder
12	20	33	275	4 114	51	Number
1 424	7 273	24 927	506 216	32 932 732	—	Area
						Operated through a hired manager
2	3	3	26	466	26	Number
306	1 107	2 563	48 075	5 482 127	—	Area
						Number and area of holdings, by tenure
						Holdings operated under one form of tenure
						Holdings owned by the holder or in ownerlike possession
9	19	24	211	4 072	—	Number
1 021	7 139	17 141	396 556	33 650 770	—	Area
						Holdings rented from others
4	4	10	86	316	—	Number
598	1 241	8 622	151 260	2 175 934	—	Area
						Holdings operated under more than one form of tenure
1	—	2	4	192	—	Number
111	—	1 727	6 475	2 588 155	—	Area
						1 - LAND UTILIZATION
						Utilization of land in holdings
						Arable land
12	14	18	90	1 461	—	Number of holdings reporting
518	603	1 026	3 064	60 286	—	Area
						Land under permanent crops
3	3	3	9	129	—	Number of holdings reporting
5	4	8	35	332	—	Area
						Permanent meadows and pastures
1 155	7 651	26 071	545 824	38 128 934	—	Area (total)
						Cultivated meadows and pastures
1	2	1	7	47	—	Number of holdings reporting
(1)	(3)	(25)	(69)	(4 087)	(—)	Area
						Uncultivated meadows and pastures
12	23	38	302	4 576	—	Number of holdings reporting
1 154	(7 648)	(26 046)	(545 755)	(38 124 847)	(—)	Area
						Wood or forest land
—	—	—	—	9	—	Number of holdings reporting
—	—	—	—	3 431	—	Area
						All other land
13	23	38	301	4 575	—	Number of holdings reporting
52	122	385	5 368	221 876	—	Area
						2 - CROPS - AREA AND PRODUCTION
						Crops on arable land
						Wheat
3	4	4	—	—	—	Number of holdings reporting
31	103	211	—	—	—	Production
						Sorghum (kafr corn)
3	2	—	—	—	—	Number of holdings reporting
34	59	—	—	—	—	Production
						Maize (mealies)
998	1 576	918	1 294	—	—	Production

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION I

	All sizes of holdings	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
Edible dry beans							
Number of holdings reporting	23				19		
Production	112				64		
Potatoes							
Number of holdings reporting	57				39		
Production	473				17		
Onions							
Number of holdings reporting	17				14		
Production	14				2		
Groundnuts (peanuts)							
Number of holdings reporting	11				7		
Production (unshelled)	161				6		
Sunflower seed							
Number of holdings reporting	27				24		
Production	49				24		
3 - LIVESTOCK AND POULTRY							
Cattle							
Number of holdings reporting	4 775		326		262	520	432
Number of cattle	1 928 361		1 594		3 649	16 728	32 819
Sheep							
Number of holdings reporting	3 419		71		74	195	186
Number of sheep	2 997 344		354		1 024	6 369	13 432
Goats							
Number of holdings reporting	3 963		150		173	483	863
Number of goats	611 244		716		2 429	16 545	62 000
Pigs							
Number of holdings reporting	1 566		1 102		262	154	36
Number of pigs	17 502		4 109		3 594	4 548	2 339

SOUTH WEST AFRICA
Non-Bantu holdings
Classified by size of holding

AL AREA OF HOLDING

Under 100 ha	200 and under 500 ha	500 and under 1 000 ha	1 000 and under 2 500 ha	2 500 ha and over	Undivided holdings	
						Edible dry beans
3	1	—	—	—	—	Number of holdings reporting
30	18	—	—	—	—	Production
						Potatoes
5	6	1	6	6	—	Number of holdings reporting
10	27	9	410	—	—	Production
						Onions
1	1	1	—	—	—	Number of holdings reporting
2	3	7	—	—	—	Production
						Groundnuts (peanuts)
2	—	—	2	2	—	Number of holdings reporting
14	—	—	141	—	—	Production (unshelled)
						Sunflower seed
2	1	—	—	—	—	Number of holdings reporting
11	14	—	—	—	—	Production
						3 - LIVESTOCK AND POULTRY
						Cattle
1 797	1 047	391	—	—	—	Number of holdings reporting
517 497	727 722	628 352	—	—	—	Number of cattle
						Sheep
820	878	1 195	—	—	—	Number of holdings reporting
222 848	655 962	2 097 355	—	—	—	Number of sheep
						Goats
2 196	94	4	—	—	—	Number of holdings reporting
466 882	57 453	5 219	—	—	—	Number of goats
						Pigs
11	1	—	—	—	—	Number of holdings reporting
2 319	593	—	—	—	—	Number of pigs

Date of the census and time reference

The date for the agricultural census was set as at 15 September 1961. Holders were requested to fill in the questionnaires and return them not later than 19 September 1961.

Data on livestock and poultry refer to 15 September 1961, while information on crops refer to the summer of 1961. The rest of the information refers to the census date.

Method of collection and processing of census data

A Royal Decree was issued on 2 June 1961 by which property holders were requested to supply the information contained in the census questionnaire. In each commune, the Commune Board provided property holders with questionnaires. To facilitate the work of the communes the Central Bureau of Statistics sent out forms to the Commune Boards at the end of August 1961, together with lists of names and addresses of holders within the respective communes. It was pointed out, however, that the list of holders was not complete insofar as their names and addresses were concerned. It was then necessary to scrutinize the lists and, so far as possible correct and supplement them. At the end of November 1961, practically all the communes had forwarded their information to the Central Bureau of Statistics.

During the autumn of 1961, a postenumeration survey was carried out in 150 districts, chosen at random for the purpose of checking the information obtained from the census. The selection was conducted in two stages: first, parishes were selected at random and then a district was chosen within each selected parish. Interviews of holders were carried out by specialized personnel.

The Central Bureau of Statistics examined and checked the completeness of the census and totals were calculated for parishes and noted on punch cards. Totals for the final tables were calculated by ordinary punch-card processing machines. Data for holdings up to 2 ha of arable land were processed manually.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holding

A holding was defined as any farm which, as regards operation, formed one single unit, and which was operated by one and the same labor. Only holdings with arable land were included in the census. Land rented from others was included but land leased out to others was excluded. Land from which crops had been sold unharvested, as well as the area temporarily let to another farmer as pasture, was to be reported by the landowner (as leasehold by the tenant farmer). In the case of holdings situated in more than one parish, the area was to be distributed among the different parishes. The total area of the holding includes, in this report, only the agricultural area, more precisely the area of arable land and areas of permanent meadows and pastures. The basis for classification of holdings by size was the arable area of the holding.

1 - LAND UTILIZATION

Arable land

This includes land which has been plowed and sown (including vegetables, fruits and berries).

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Permanent pastures and leys for hay, which it may be assumed will be plowed up again, are also included here.

Permanent meadows and pastures

This item covers both cultivated and uncultivated meadows and pastures. By cultivated pastures is meant grassland that has been improved in one or more ways, such as by removing trees and bushes, using agricultural machines, by manure or sowing grass or clover, provided it was not reported as arable land; uncultivated meadows and pastures include those not being improved, e.g., shore pastures and wooded grazing.

3 - LIVESTOCK AND POULTRY

Data refer to the number of animals on the holding as at 15 September 1961, regardless of ownership.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Information refers to the number of machinery and equipment on the holding at the date of enumeration.

* * *

SOURCE: Sweden. Statistiska Centralbyrån. Sveriges Officiella Statistik. Jordbruk med Binärningar, *Jordbruksräkningen 1961*. Stockholm, 1963.

NOTE: All information available from the national report has been included in the table "Classified by size of holding." A separate table, "Not classified by size of holding," has therefore been omitted.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY ARABLE AREA OF HOLDING

SWEDEN

Classified by size of holding

	All sizes of holdings	0.26 and up to 2 ha	2.01 and up to 5 ha	5.01 and up to 10 ha	10.01 and up to 20 ha	20.01 and up to 50 ha	50.01 and up to 100 ha	100.01 ha and over
0 - HOLDER, HOLDING AND TENURE								
Number and agricultural area of holdings								
Number	264 580	31 660	66 635	75 017	53 446	30 226	5 410	2 186
Percentage distribution	100.0	12.0	25.2	28.4	20.2	11.4	2.0	0.8
Agricultural area	3 866 484	59 320	323 370	696 408	907 936	1 027 976	413 581	437 893
Percentage distribution	100.0	1.5	8.4	18.0	23.6	26.6	10.6	11.3
Number and crop area of holdings, by tenure								
Holdings operated under one form of tenure								
Holdings owned by the holder or in ownerlike possession								
Number .....	...	...	55 737	54 616	32 621	14 418	2 034	1 045
Area	1 916 050	42 510	208 217	415 365	477 005	432 913	140 709	199 331
Holdings rented from others								
Number .....	...	...	4 623	6 912	8 149	8 257	2 094	692
Area	717 025	2 650	17 694	54 337	125 566	263 277	144 231	109 270
Holdings operated under more than one form of tenure								
Number .....	...	...	6 275	13 489	12 676	7 551	1 282	449
Area	708 503	—	25 365	102 682	187 034	225 542	86 816	81 064
Crop area in holdings, by tenure								
Area owned by the holder or in ownerlike possession								
Area rented from others	2 381 492	42 510	224 136	482 257	603 841	578 672	193 926	256 150
Area	960 086	2 650	27 140	90 127	185 764	343 060	177 830	133 515
1 - LAND UTILIZATION								
Utilization of land in holdings (area)								
Cropland	3 341 578	45 160	251 276	572 384	789 605	921 732	371 756	389 665
Permanent meadows and pastures	524 906	14 160	72 094	124 024	118 331	106 244	41 825	48 228
Cultivated meadows and pastures	(164 382)	(2 330)	(19 090)	(40 788)	(38 488)	(31 538)	(13 283)	(18 865)
Uncultivated meadows and pastures	(360 524)	(11 830)	(53 004)	(83 236)	(79 843)	(74 706)	(28 542)	(29 363)
2 - CROPS - AREA								
Crops on arable land								
Wheat (total)	274 884	340	4 055	15 359	40 589	90 864	55 640	68 037
Winter wheat	(...)	(...)	(1 278)	(6 175)	(22 446)	(53 119)	(31 620)	(41 281)
Spring wheat	(...)	(...)	(2 777)	(9 184)	(18 143)	(37 745)	(24 020)	(26 756)
Rye	74 599	110	1 750	7 413	17 687	25 581	10 425	11 633
Barley	343 363	940	8 870	33 815	65 235	117 072	56 850	60 581
Oats	525 004	2 390	28 557	83 752	130 733	156 226	63 051	60 295
Mixed grains	239 717	1 270	11 743	45 864	81 959	74 117	16 723	8 041
Edible dry peas .....	...	...	54	294	1 314	3 786	2 199	2 030
Potatoes	95 766	2 550	11 895	22 280	24 951	21 482	6 803	5 805
Root crops for fodder	19 769	220	1 605	4 750	6 958	4 758	855	623
Sugar beets	50 043	360	873	3 398	10 942	19 506	7 315	7 649
Oilseed crops	68 187	50	168	647	4 581	22 383	16 429	23 929
Fodder peas and vetches .....	...	...	220	791	1 857	2 844	1 149	1 564
Temporary grasses cut for hay	1 108 610	25 730	146 158	285 693	294 081	235 341	64 938	56 669
Crops for green feed and silage	49 885	880	5 382	9 545	13 129	12 004	4 079	4 866
Temporary grasses for grazing	198 281	1 700	9 894	29 309	49 459	56 142	21 561	30 216
Temporary grasses for green forage, silage and seed	50 165	160	1 089	3 518	7 835	16 734	10 426	10 403

Area: in hectares
Production: in metric tons)
(unless otherwise specified)

SIZE CLASSIFICATION BY ARABLE AREA
OF HOLDING

SWEDEN

Classified by size of holding

	All sizes of holdings	0.26 and up to 2 ha	2.01 and up to 5 ha	5.01 and up to 10 ha	10.01 and up to 20 ha	20.01 and up to 50 ha	50.01 and up to 100 ha	100.01 ha and over
Vegetables .....	...	...	670	902	1 743	3 327	2 111	3 000
Other crops on arable land .....	...	...	464	625	974	2 320	1 296	2 179
Permanent crops								
Fruit trees and berries .....	...	...	592	911	1 190	1 105	375	394
3 - LIVESTOCK AND POULTRY								
Horses								
Total number of horses	168 350	2 280	28 127	59 071	43 746	24 084	5 616	5 426
Horses under 3 years of age	22 311	100	1 468	5 419	6 533	5 454	1 662	1 675
Young stock under 1 year of age	(8 202)	(20)	(508)	(2 005)	(2 492)	(1 989)	(556)	(632)
Young stock 1 and under 3 years of age	(14 109)	(80)	(960)	(3 414)	(4 041)	(3 465)	(1 106)	(1 043)
Horses 3 years of age and over ..	146 039	2 180	26 659	53 652	37 213	18 630	3 954	3 751
Cattle								
Total number of cattle	2 352 198	25 360	196 154	506 916	663 460	601 244	180 844	178 220
Cows	(1 173 518)	(18 110)	(127 542)	(299 281)	(343 243)	(260 580)	(65 888)	(58 874)
Bulls used for service	(21 180)	(30)	(675)	(3 302)	(6 791)	(6 793)	(1 719)	(1 870)
Calves under 1 year of age	(505 395)	(4 480)	(36 624)	(98 087)	(138 172)	(137 451)	(44 794)	(45 787)
Young stock 1 year of age and over ..	(652 105)	(2 740)	(31 313)	(106 246)	(175 254)	(196 420)	(68 443)	(71 689)
Sheep								
Number of sheep	138 277	4 090	20 759	32 579	29 939	27 932	11 473	11 505
Pigs								
Total number of pigs	1 991 980	17 610	94 882	325 479	612 474	624 110	169 179	148 246
Sows for breeding	(201 451)	(960)	(7 457)	(36 795)	(70 712)	(63 412)	(13 444)	(8 671)
Boars for breeding (6 months of age and over)	(8 014)	(20)	(137)	(785)	(2 053)	(3 314)	(1 016)	(689)
Other pigs (including pigs for slaughtering)	(1 782 515)	(16 630)	(87 288)	(287 899)	(539 709)	(557 384)	(154 719)	(138 886)
Poultry								
Number of chickens	8 845 051	412 000	1 133 187	2 237 055	2 492 703	1 779 103	369 540	421 463
Number of turkeys	103 694	3 070	13 575	27 126	24 388	26 438	6 956	2 141
6 - AGRICULTURAL POWER AND MA- CHINERY AND GENERAL TRANS- PORT FACILITIES								
Selected agricultural equipment on the holding								
Tractors								
Number of holdings reporting	121 798	1 100	10 315	30 725	43 068	29 102	5 327	2 161
Number of tractors	149 145	900	10 147	30 534	45 141	41 081	12 386	8 956
Binders								
Number of holdings reporting	98 949	130	4 059	25 884	39 614	23 871	3 918	1 473
Number of binders	91 013	100	2 885	21 292	37 157	23 758	4 026	1 795
Combines (harvester-threshers) (total)								
Self-propelled combines	...	...	105	493	3 492	13 053	5 248	3 954
Number of holdings reporting ...	...	...	26	106	423	937	1 182	1 476
Number of self-propelled combines	...	...	(26)	(71)	(283)	(834)	(1 178)	(1 762)
Other combines	...	...	(79)	(422)	(3 209)	(12 219)	(4 070)	(2 192)
Number of other combines .....	...	...				
Hayloft driers								
Number of holdings reporting .....	...	...	236	290	464	725	292	284
Grain driers								
Number of holdings reporting .....	...	...	7	57	208	845	809	1 010

Date of the census and time reference

The enumeration of the agricultural census took place during a period of about 25 days, starting on 16 April 1963.

Agricultural census data refer to the year 16 April 1962 to 15 April 1963.

Method of collection and processing of census data

Prior to the census, every *tambol* (administrative subdistrict) was divided into enumeration districts whose boundaries were shown on an *amphur*² map. One enumerator was assigned to carry out the census enumeration in one enumeration district. Enumerators were selected from schoolteachers and local government officials.

Census supervisors were responsible for the control and direction of the work performed by enumerators, including control of the accuracy and completeness of census questionnaires, and checking the coverage of each enumeration district against the information indicated on maps.

Two questionnaires were employed: the first one was used by enumerators for listing all households within their enumeration districts and determining whether the head or any other member of each household qualified as a holder, i.e., a person in charge of agricultural operations. The second questionnaire, the census questionnaire proper, was used for obtaining agricultural information from holders.

¹The agricultural census excluded certain districts in the provinces of Phranakhorn and Thomburi, for which the results of the 1960 Population Census showed that agricultural households represented less than 5 percent of the total number of households.

²Administrative district.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the person who carried out the farming operations within a holding, whether by himself or with the assistance of other persons. He might be the owner of the land on which he farmed, or a lessee, or a mere squatter. In cases of partnerships, limited companies, co-operatives, state enterprises or other types of agricultural institutions, the director or manager of the farm operations was considered as the holder. Holders enumerated for census purposes were considered those meeting one or more of the following conditions:

1. If, during the census year, the holder:
 - (a) operated two or more *rai* (0.16 ha) of land for agricultural operations;
 - (b) operated land of $\frac{1}{2}$ *rai* or more for growing vegetables;
 - (c) earned an income of 2,400 *bath* (approximately U.S. \$100) or more from the sale of products obtained from the holding; or
2. If, on 15 April 1963, the holder:
 - (a) possessed one head of cattle or water buffalo, or owned either solely or jointly five or more pigs, goats and sheep; or
 - (b) owned a flock of 100 or more chickens and/or ducks.

Holding

The holding was defined as all land wholly or partly used for farming operations under the management of a single holder, regardless of the tenure form in which it was operated. In the case of a person keeping livestock but herding

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them into pastures or other grazing areas outside his holding, the land on which the holder's residence was located was enumerated as his holding. Areas which the holder leased or offered rent-free to other persons for farm operations were excluded from his holding area and considered as separate holdings.

All land operated by a single holder or his assistant was counted as a single holding, regardless of the number of separate tracts included, even if located in more than one province or district. However, the total area of the holding was tabulated in the province and district where the holder's residence was located.

Agricultural production was defined as the utilization of land for the purpose of growing field and tree crops, flowers, ornamental and potted plants, in the open and also for the purpose of rearing livestock and poultry for direct sale, or for the sale of their products. Land used only for the purpose of rearing wild animals, dogs, cats, snakes, birds, racehorses, pack horses, pack cattle, fighting bulls and fish was not included in the agricultural census.

Area of the holding. As area of the holding was considered the total area of arable land, land under permanent crops, land under permanent pastures, woodland and all other land. The classification of holdings by size was based on the total area of the holding.

Tenure

Area owned by the holder or in ownerlike possession includes the land on which the holder has full legal rights, or carries out on it farming operations in the capacity of an owner, either through inheritance pending documentary evidence, or through allocation, either unofficially or officially, i.e., in the case of self-help settlements, even though title deeds or other documentary evidence had not yet been issued.

Area rented from others includes all land for which rent is paid to the owner in cash or kind through the production obtained from farm operations.

Area under other forms of tenure includes land held under other forms of tenure not indicated

above. This might be effected through clearing and occupancy of unclaimed land, use of land rent-free, squatting, use of land in exchange for services, or use of land in lieu of receiving payment on a mortgage held on that land. This category also includes land rented on both a cash and crop basis.

1 - LAND UTILIZATION

Arable land

This includes land used for field crops such as rice, upland crops, vegetables and other kind of annual or seasonal crops. These crops ordinarily reach maturity within 12 months from the time of planting. Some of them, however, may be repeatedly harvested, but for a period of no more than 3 consecutive years, e.g., castor beans, sugarcane, pineapple and papaya. This category also includes land lying fallow for a temporary period not exceeding 5 years. The land might be either planted to leguminous crops for plowing under as green manure or allowed to be overgrown by weeds.

Land under permanent crops

This includes all land devoted to tree crops, regardless of whether they were in clumps or rows, e.g., rubber, shrubs and fruit trees, including nurseries for propagating them.

Permanent meadows and pastures

This includes land allowed to be grown to natural forage plants as well as those areas which had been under pasture for 5 years or more.

Wood or forest land

This includes land left with natural growth of trees of all sizes as well as those which had been planted for the purpose of extracting timber for use in construction, etc.

All other land

This includes land devoted to uses other than those previously indicated, e.g., homesteads, barns, fish ponds, ponds, marshes, poultry houses, live-

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stock pens, beds for flowers, ornamental plants, bushes, mat-making grasses, etc.

2 - CROPS

Area planted and/or area harvested with cereals, fiber crops and selected commercial crops was reported only for those areas which were harvested during the census year or would have been harvested except for damage due to weather, insects, plant diseases, etc. Area planted but still unharvested on 15 April 1963 was not included.

Data on crop area refer to the aggregate area.

3 - LIVESTOCK AND POULTRY

Data on this item refer to the number of animals on the holding as at 15 April 1963.

NOTE: All information available from the national report has been included in the table "Classified by size of holding." A separate table, "Not classified by size of holding," has therefore been omitted.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data on this section refer to the number of agricultural equipment regardless of whether the holders owned, leased, borrowed or were offered free use of such equipment. Consequently, the number of tractors reported as being used on holdings is not necessarily the number in existence, since the same tractor might have been leased or borrowed for use by various holdings.

8 - FERTILIZERS AND SOIL DRESSINGS

Data refer to the amount used during the agricultural year 16 April 1962 to 15 April 1963.

* * *

SOURCE: Thailand. National Statistical Office. Office of the Prime Minister. *Census of Agriculture 1963, Whole Kingdom*. Bangkok.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

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Classified by size of holding

	All sizes of holdings	Under 0.96 ha	0.96 and under 2.40 ha	2.40 and under 4.80 ha	4.80 and under 9.60 ha	9.60 and under 22.40 ha	22.40 ha and over
		Under 6 rai	6 and under 15 rai	15 and under 30 rai	30 and under 60 rai	60 and under 140 rai	140 rai and over
0 - HOLDER, HOLDING AND TENURE							
Number and area of holdings							
Number	3 214 405	595 139	944 526	884 411	615 972	163 183	11 174
Percentage distribution	100.0	18.6	29.3	27.5	19.2	5.1	0.3
Area	11 149 190	284 742	1 449 726	2 959 739	3 976 986	2 063 429	414 568
Percentage distribution	100.0	2.5	13.0	26.6	35.6	18.6	3.7
Age of the holder							
Number of holders:							
Under 35 years of age	905 046	214 422	304 640	238 768	124 066	21 831	1 319
35-54 years of age	1 554 027	259 472	441 928	436 241	321 992	88 334	6 060
55 years of age and over	755 332	121 246	197 958	209 402	169 914	53 018	3 794
Number and area of holdings, by tenure							
Holdings operated under one form of tenure							
Holdings owned by the holder or in owner-like possession							
Number	2 632 960	427 283	776 449	752 205	527 000	140 355	9 668
Area	9 485 452	217 843	1 197 362	2 523 076	3 411 121	1 778 463	357 587
Holdings rented from others (total)							
Number	130 968	35 186	30 753	32 097	25 660	6 911	361
Area	424 634	13 339	46 622	106 112	161 843	84 877	11 841
For a fixed amount of money							
Number	(60 177)	(25 817)	(15 071)	(10 393)	(6 716)	(2 035)	(145)
Area	(137 838)	(8 802)	(22 254)	(33 835)	(42 476)	(25 048)	(5 423)
For a share of the produce							
Number	(70 791)	(9 369)	(15 682)	(21 704)	(18 944)	(4 876)	(216)
Area	(286 796)	(4 537)	(24 368)	(72 277)	(119 367)	(59 829)	(6 418)
Holdings operated under other forms of tenure							
Number	450 477	132 670	137 324	100 109	63 312	15 917	1 145
Area	1 239 104	53 560	205 742	330 551	404 022	200 089	45 140
1 - LAND UTILIZATION¹							
Utilization of land in holdings							
Arable land							
Number of holdings reporting	2 896 351	393 394	894 103	850 983	593 293	155 097	9 481
Area (total)	8 421 928	201 851	1 148 858	2 321 850	3 022 697	1 487 250	239 422
Temporary crops	(7 752 353)	(196 593)	(1 100 019)	(2 172 165)	(2 763 032)	(1 321 824)	(198 720)
Other arable land ²	(669 575)	(5 258)	(48 839)	(149 685)	(259 665)	(165 426)	(40 702)
Land under permanent crops							
Number of holdings reporting	1 419 288	188 546	418 573	413 816	303 040	88 296	7 017
Area	1 360 249	46 036	171 522	320 984	436 986	273 518	111 203
Permanent meadows and pastures							
Number of holdings reporting	100 076	5 154	23 233	32 160	28 828	9 787	914
Area	90 169	898	7 294	19 466	32 260	21 747	8 504
Wood or forest land							
Number of holdings reporting	556 756	19 343	108 106	188 625	180 429	56 475	3 778
Area	951 725	4 662	55 187	209 769	394 344	240 458	47 305
All other land							
Number of holdings reporting	2 725 055	399 715	838 523	782 360	548 702	146 210	9 545
Area	316 883	23 063	66 866	87 670	90 698	39 768	8 818
Area of owned holdings, by land utilization³							
Arable land	7 053 502	150 230	937 041	1 954 033	2 553 620	1 257 578	201 000
Land under permanent crops	1 221 467	38 848	149 383	286 297	394 351	252 384	100 204
Permanent meadows and pastures	79 508	808	6 342	17 019	28 705	19 447	7 187
Wood or forest land	855 100	3 979	49 138	189 992	356 090	213 853	42 048
All other land	270 139	18 244	55 459	75 734	78 355	34 512	7 835
Area of rented holdings, by land utilization							
Arable land	392 588	9 448	39 799	98 570	153 482	80 433	10 856
Land under permanent crops	14 107	2 433	4 708	3 479	2 166	1 120	201
Permanent meadows and pastures	1 505	8	44	120	312	553	468
Wood or forest land	4 069	74	410	1 063	1 623	773	126
All other land	11 783	796	1 661	2 880	4 261	1 997	188

¹ Excludes holdings under an area of 0.32 hectare. - ² Includes also land temporarily fallow. - ³ Includes also part-owners.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

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Classified by size of holding

	All sizes of holdings	Under 0.96 ha	0.96 and under 2.40 ha	2.40 and under 4.80 ha	4.80 and under 9.60 ha	9.60 and under 22.40 ha	22.40 ha and over
		Under 6 rai	6 and under 15 rai	15 and under 30 rai	30 and under 60 rai	60 and under 140 rai	140 rai and over
Area of holdings under other forms of tenure, by land utilization							
Arable land	975 839	42 173	172 017	269 248	315 595	149 240	27 566
Land under permanent crops	124 675	4 755	17 431	31 207	40 470	20 013	10 799
Permanent meadows and pastures	9 156	82	909	2 327	3 242	1 746	850
Wood or forest land	92 556	609	5 639	18 714	36 631	25 832	5 131
All other land	34 960	4 023	9 746	9 055	8 083	3 258	795
2 - CROPS - AREA¹ AND PRODUCTION							
Crops on arable land							
Rice (total)¹							
Number of holdings reporting	2 650 805	318 194	823 289	792 430	562 195	147 019	7 678
Area	5 956 537	156 166	884 257	1 683 183	2 125 123	1 004 335	103 473
Production	9 252 692	374 904	1 749 112	2 632 103	3 007 766	1 362 436	126 361
Rice according to form of tenure of the holding							
Holdings owned by the holder or in owner- like possession							
Number of holdings reporting	(2 216 434)	(244 639)	(682 239)	(676 151)	(480 692)	(126 071)	(6 642)
Area	(4 988 860)	(119 824)	(729 158)	(1 420 327)	(1 786 457)	(843 931)	(89 163)
Production	(7 635 232)	(289 391)	(1 425 320)	(2 187 863)	(2 483 980)	(1 139 415)	(109 263)
Holdings rented from others							
Number of holdings reporting	(86 926)	(8 994)	(20 054)	(26 859)	(24 132)	(6 606)	(281)
Area	(311 828)	(5 095)	(25 567)	(74 086)	(130 713)	(70 404)	(5 963)
Production	(515 790)	(10 627)	(50 582)	(132 623)	(214 770)	(100 383)	(6 805)
Holdings under other forms of tenure							
Number of holdings reporting	(347 445)	(64 561)	(120 996)	(39 420)	(57 371)	(14 342)	(755)
Area	(655 849)	(31 247)	(129 532)	(188 770)	(207 953)	(90 000)	(8 347)
Production	(1 101 660)	(74 886)	(273 210)	(311 617)	(309 016)	(122 638)	(10 293)
Maize (total)¹							
Number of holdings reporting	146 786	11 602	32 604	49 850	39 665	12 003	1 062
Area	261 794	4 821	25 924	76 740	89 548	46 799	17 962
Production	507 040	8 545	49 009	154 214	175 912	91 949	27 411
Maize according to form of tenure of the holding							
Holdings owned by the holder or in owner- like possession							
Number of holdings reporting	(116 277)	(6 638)	(23 069)	(40 780)	(34 262)	(10 655)	(873)
Area	(208 359)	(2 624)	(17 239)	(61 039)	(75 016)	(39 378)	(13 063)
Production	(404 536)	(4 557)	(32 435)	(123 123)	(146 914)	(77 339)	(20 168)
Holdings rented from others							
Number of holdings reporting	(6 998)	(1 256)	(2 573)	(2 343)	(705)	(98)	(23)
Area	(12 751)	(697)	(3 048)	(5 021)	(2 382)	(709)	(894)
Production	(24 116)	(1 338)	(6 107)	(10 175)	(4 570)	(1 064)	(862)
Holdings under other forms of tenure							
Number of holdings reporting	(23 511)	(3 708)	(6 962)	(6 727)	(4 698)	(1 250)	(166)
Area	(40 684)	(1 500)	(5 637)	(10 680)	(12 150)	(6 712)	(4 005)
Production	(78 388)	(2 650)	(10 467)	(20 916)	(24 428)	(13 546)	(6 381)
Mung beans							
Number of holdings reporting	116 046	7 180	23 917	39 612	34 680	10 158	499
Area	83 572	2 814	11 966	27 051	29 658	11 047	1 036
Production	43 684	1 598	6 585	14 254	15 384	5 339	524
Manioc (cassava)							
Number of holdings reporting	57 748	4 766	12 620	18 114	15 784	5 661	803
Area	80 651	2 735	8 894	19 827	24 853	15 106	9 236
Production	945 363	30 797	106 882	230 968	287 830	179 195	109 691
Dry shallots							
Number of holdings reporting	150 655	19 031	46 588	46 615	30 857	7 211	353
Area	12 056	834	3 542	4 294	2 582	778	26
Production	12 349	962	4 655	4 470	1 778	453	31

¹ Excludes holdings under an area of 0.32 hectare. - ⁴ Area harvested unless otherwise specified.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

THAILAND

Classified by size of holding

	All sizes of holdings	Under 0.96 ha	0.96 and under 2.40 ha	2.40 and under 4.80 ha	4.80 and under 9.60 ha	9.60 and under 22.40 ha	22.40 ha and over
		Under 6 rai	6 and under 15 rai	15 and under 30 rai	30 and under 60 rai	60 and under 140 rai	140 rai and over
Dry garlic							
Number of holdings reporting	184 189	41 193	71 619	41 961	23 477	5 639	300
Area	19 189	4 390	7 912	4 823	1 645	387	32
Production	30 337	8 559	14 899	5 127	1 369	272	111
Sugarcane							
Number of holdings reporting	64 775	7 919	18 036	18 519	14 674	4 786	841
Area	69 307	2 490	7 283	12 775	15 172	10 110	21 477
Production	1 689 588	52 703	177 308	306 283	369 276	271 245	512 773
Cotton							
Number of holdings reporting	124 343	21 951	46 693	31 593	19 255	4 572	279
Area	39 175	3 367	10 231	11 814	10 067	2 977	719
Production	16 973	1 389	4 288	5 130	4 444	1 352	370
Jute							
Number of holdings reporting	70 783	4 921	16 596	23 766	19 680	5 533	287
Area	30 673	1 318	4 969	9 180	10 315	4 386	505
Production	20 066	909	3 328	6 101	6 696	2 715	317
Ramie							
Number of holdings reporting	1 813	169	468	548	463	152	13
Area	310	16	59	85	109	39	2
Production	133	9	31	29	43	21	—
Kenaf							
Number of holdings reporting	171 566	12 603	42 538	58 301	45 406	12 100	618
Area	82 893	3 672	14 156	25 001	26 856	11 419	1 789
Production	60 002	2 955	10 767	18 270	18 990	7 818	1 202
Groundnuts (peanuts)							
Number of holdings reporting	154 669	33 609	58 244	34 447	21 651	6 192	526
Area	46 626	7 096	15 349	11 973	8 425	2 983	800
Production	37 886	5 815	12 639	9 715	6 748	2 369	600
Soybeans							
Number of holdings reporting	34 944	7 937	13 190	7 750	4 726	1 224	117
Area	21 848	2 234	5 734	6 377	5 549	1 638	316
Production	14 669	1 696	4 088	4 150	3 539	945	251
Castor beans							
Number of holdings reporting	52 804	4 090	11 619	17 708	14 170	4 745	472
Area	36 615	1 091	4 357	11 417	11 988	5 944	1 818
Production	17 131	589	2 166	5 270	5 687	2 748	671
Sesame							
Number of holdings reporting	53 492	5 330	13 276	14 808	14 949	4 853	276
Area	17 908	956	2 922	4 551	6 217	2 960	302
Production	5 953	385	1 129	1 475	1 948	932	84
Dry chilies							
Number of holdings reporting	189 295	27 886	62 041	53 241	36 169	9 383	575
Area	23 373	2 546	7 064	7 216	4 928	1 422	197
Production	9 810	848	3 024	3 346	2 015	503	74
Tobacco							
Number of holdings reporting	305 669	49 010	101 530	84 564	56 172	13 751	642
Area	41 282	6 566	14 027	10 155	7 385	2 833	316
Production	99 215	22 447	41 240	21 738	10 330	2 790	670
Kitchen garden crops ¹							
Number of holdings reporting	1 593 496	216 995	479 200	462 074	335 520	93 564	6 143
Leafy and stem vegetables ⁵							
Number of holdings reporting	35 471	11 381	10 915	7 376	4 314	1 336	149
Area ⁶	14 072	4 212	4 611	3 101	1 520	502	126

¹ Excludes holdings under an area of 0.32 hectare. — ⁵ Includes cabbage, Chinese lettuce, other lettuce, coriander, green onion and other leafy stem vegetables. — ⁶ Area planted.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

THAILAND

Classified by size of holding

	All sizes of holdings	Under 0.96 ha	0.96 and under 2.40 ha	2.40 and under 4.80 ha	4.80 and under 9.60 ha	9.60 and under 22.40 ha	22.40 ha and over
		Under 6 rai	6 and under 15 rai	15 and under 30 rai	30 and under 60 rai	60 and under 140 rai	140 rai and over
Watermelons							
Number of holdings reporting	58 451	5 728	14 197	17 602	15 215	5 274	435
Area ⁶	19 433	1 363	3 693	5 448	5 714	2 777	438
Chilies (fresh)							
Number of holdings reporting	41 781	5 907	11 217	12 060	9 367	2 956	274
Area ⁶	12 128	1 380	3 002	3 711	2 940	949	146
Other fruit-bearing vegetables							
Number of holdings reporting	142 757	23 700	38 823	39 731	30 484	9 279	740
Area ⁶	54 919	7 158	13 447	15 283	13 190	5 031	810
Tuber and root crops ⁷							
Number of holdings reporting	42 870	7 376	12 365	11 305	8 546	2 999	279
Area	15 508	1 999	4 264	4 288	3 287	1 326	344
Permanent crops							
Oranges							
Number of holdings reporting	807 805	136 629	255 905	215 558	152 201	44 103	3 409
Total number of trees	8 944 880	1 075 158	2 457 887	2 175 032	1 785 071	940 915	510 817
Of productive age	(3 583 924)	(505 616)	(1 079 668)	(891 509)	(645 888)	(313 966)	(147 277)
Of nonproductive age	(5 360 956)	(569 542)	(1 378 219)	(1 283 523)	(1 139 183)	(626 949)	(363 540)
Limes							
Number of holdings reporting	741 764	108 624	209 535	208 192	162 137	49 479	3 797
Number of trees	2 509 245	353 987	694 340	702 768	543 096	186 022	29 032
Mangoes							
Number of holdings reporting	1 587 137	236 789	453 824	449 577	341 502	98 963	6 482
Total number of trees	10 231 926	1 231 442	2 461 349	2 830 902	2 586 179	1 010 632	111 422
Of productive age	(6 693 801)	(799 593)	(1 641 295)	(1 871 573)	(1 688 087)	(631 514)	(61 739)
Of nonproductive age	(3 538 125)	(431 849)	(820 054)	(959 329)	(898 092)	(379 118)	(49 683)
Jackfruit							
Number of holdings reporting	999 737	147 524	289 402	282 560	213 132	62 406	4 713
Number of trees	4 197 104	426 751	968 851	1 229 849	1 107 904	412 673	51 076
Rambutan							
Number of holdings reporting	190 865	21 489	50 961	56 066	44 708	15 743	1 898
Total number of trees	2 323 605	180 320	498 121	632 653	606 887	309 031	96 593
Of productive age	(1 193 875)	(107 582)	(282 620)	(326 088)	(289 618)	(144 122)	(43 845)
Of nonproductive age	(1 129 730)	(72 738)	(215 501)	(306 565)	(317 269)	(164 909)	(52 748)
Longan (<i>Nephelium longanum</i>)							
Number of holdings reporting	258 913	77 485	111 020	46 297	18 366	5 054	691
Total number of trees	1 397 898	357 553	570 905	284 829	118 220	46 372	20 019
Of productive age	(478 968)	(133 025)	(203 133)	(91 069)	(33 480)	(14 671)	(3 590)
Of nonproductive age	(918 930)	(224 528)	(367 772)	(193 760)	(84 740)	(31 701)	(16 429)
Durian							
Number of holdings reporting	166 995	20 778	45 263	47 939	37 826	13 516	1 673
Total number of trees	2 320 722	283 879	569 982	570 961	526 739	285 353	83 808
Of productive age	(1 150 398)	(151 555)	(300 749)	(289 053)	(252 170)	(127 485)	(29 386)
Of nonproductive age	(1 170 324)	(132 324)	(269 233)	(281 908)	(274 569)	(157 868)	(54 422)
Tamarind							
Number of holdings reporting	1 168 936	145 709	317 329	347 125	274 327	79 617	4 829
Number of trees	2 917 194	302 475	690 879	872 802	778 506	252 183	20 349
Bananas							
Number of holdings reporting	668 579	97 194	196 309	189 552	140 841	41 590	3 093
Area	95 713	9 212	22 030	26 845	24 776	10 571	2 279
Number of bunches (in thousands)	313 559	25 647	66 794	89 371	86 391	37 763	7 593

⁶ Area planted. - ⁷ Includes sweet potatoes, potatoes, onions, turnips and other tuber and root vegetables.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

THAILAND

Classified by size of holding

	All sizes of holdings	Under 0.96 ha	0.96 and under 2.40 ha	2.40 and under 4.80 ha	4.80 and under 9.60 ha	9.60 and under 22.40 ha	22.40 ha and over
		Under 6 rai	6 and under 15 rai	15 and under 30 rai	30 and under 60 rai	60 and under 140 rai	140 rai and over
Pineapples							
Number of holdings reporting	210 412	23 114	55 504	63 554	51 141	15 833	1 266
Area	27 337	1 360	4 356	7 528	9 567	3 750	776
Number of fruits (in thousands)	83 217	2 711	11 254	25 580	29 386	12 229	2 057
Coffee							
Number of holdings reporting	3 390	228	682	828	1 009	563	80
Area	454	24	67	118	108	81	56
Production	146	11	34	35	33	20	13
Coconuts							
Number of holdings reporting	1 768 918	252 126	510 796	509 194	379 834	109 490	7 478
Total number of trees	33 417 814	3 187 861	7 868 745	9 066 053	8 372 583	3 680 574	1 241 998
Of productive age	(15 061 591)	(1 819 775)	(4 206 675)	(4 016 760)	(3 234 461)	(1 314 678)	(469 242)
Of nonproductive age	(18 356 223)	(1 368 086)	(3 662 070)	(5 049 293)	(5 138 122)	(2 365 896)	(772 756)
Number of nuts (in thousands)	359 412	40 070	97 870	100 917	80 303	30 269	9 983
Rubber							
Number of holdings reporting	272 329	15 633	65 967	89 672	73 708	24 474	2 875
Number of trees	272 887 522	3 089 523	22 715 199	60 299 194	94 722 461	64 566 540	27 494 605
Of which:							
Tappable trees	87 389 186	1 624 038	9 816 256	19 944 990	26 755 070	18 882 504	10 366 328
Production	133 879	2 805	16 379	31 913	41 551	28 279	12 952
Kapok							
Number of holdings reporting	1 378 871	171 650	386 538	417 561	312 429	85 617	5 076
Number of trees	18 098 354	1 251 765	3 263 582	5 146 573	5 428 595	2 539 993	467 846
Sugar palm							
Number of holdings reporting	416 191	33 753	97 579	130 162	115 956	36 541	2 200
Total number of trees	2 919 438	183 631	672 310	901 601	830 990	309 089	21 817
Of productive age	(1 517 522)	(106 021)	(377 396)	(484 446)	(415 233)	(126 920)	(7 506)
Of nonproductive age	(1 401 916)	(77 610)	(294 914)	(417 155)	(415 757)	(182 169)	(14 311)
Betelnut							
Number of holdings reporting	711 615	107 413	225 968	201 483	136 186	37 933	2 632
Number of trees	16 749 429	1 896 846	4 896 274	5 036 313	3 631 693	1 180 227	108 076
3 - LIVESTOCK AND POULTRY¹							
Horses							
Number of holdings reporting	40 820	3 672	7 792	10 850	12 048	5 725	733
Number of horses	63 470	6 160	12 711	16 167	17 843	9 050	1 539
Cattle							
Number of holdings reporting	826 196	77 328	239 683	262 677	190 991	52 435	3 082
Total number of cattle	3 624 359	269 296	885 211	1 098 920	978 302	358 915	33 715
Male	(1 951 564)	(131 909)	(464 440)	(605 261)	(541 882)	(191 915)	(16 157)
Female	(1 672 795)	(137 387)	(420 771)	(493 659)	(436 420)	(167 000)	(17 558)
Buffaloes							
Number of holdings reporting	1 760 042	166 374	491 202	550 858	428 547	117 007	6 054
Total number of buffaloes	5 147 034	395 041	1 261 343	1 547 926	1 412 876	494 728	35 120
Male	(2 442 728)	(150 131)	(519 687)	(725 278)	(741 045)	(285 423)	(21 164)
Female	(2 704 306)	(244 910)	(741 656)	(822 648)	(671 831)	(209 305)	(13 956)
Sheep							
Number of holdings reporting	2 133	524	832	441	258	65	13
Number of sheep	11 803	2 681	3 437	2 524	1 916	752	493
Goats							
Number of holdings reporting	11 105	2 132	4 040	2 604	1 692	552	85
Number of goats	41 121	8 225	12 486	9 723	7 601	2 372	714

¹ Excludes holdings under an area of 0.32 hectare.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

THAILAND

Classified by size of holding

	All sizes of holdings	Under 0.96 ha	0.96 and under 2.40 ha	2.40 and under 4.80 ha	4.80 and under 9.60 ha	9.60 and under 22.40 ha	22.40 ha and over
		Under 6 rai	6 and under 15 rai	15 and under 30 rai	30 and under 60 rai	60 and under 140 rai	140 rai and over
Pigs							
Number of holdings reporting	1 233 247	175 488	383 484	349 574	249 657	70 562	4 482
Total number of pigs	3 284 334	487 490	916 451	895 847	710 888	245 725	27 933
Pigs under 6 months of age	(1 563 948)	(234 344)	(454 138)	(429 557)	(326 946)	(107 942)	(11 021)
Pigs 6 months of age and over	(1 720 386)	(253 146)	(462 313)	(466 290)	(383 942)	(137 783)	(16 912)
Of which:							
Sows for breeding	319 578	47 719	92 698	85 849	67 053	23 148	3 111
Poultry							
Chickens							
Number of holdings reporting	2 622 629	438 585	765 822	740 020	527 862	141 554	8 786
Number of chickens	43 103 102	6 828 358	11 382 559	11 990 163	9 593 786	3 046 941	261 295
Of which:							
Laying hens	9 759 436	1 760 037	2 513 547	2 618 907	2 114 491	685 129	67 325
Ducks							
Number of holdings reporting	460 059	55 952	107 750	133 688	119 568	40 237	2 864
Number of ducks	6 547 167	2 491 231	1 115 390	1 295 986	1 155 864	442 087	46 609
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES ¹							
Use and source of power on the holding							
Number of holdings reporting the use of:							
Mechanical power	100 434	15 173	29 130	29 579	18 540	6 385	1 627
Animal power	2 180 647	274 009	721 290	661 282	424 330	95 594	4 142
Animal and mechanical power	358 808	19 965	68 779	106 622	116 239	44 090	3 113
Human power only	447 252	158 730	125 318	86 927	56 864	17 114	2 299
Selected agricultural equipment used on the holding							
Number of holdings reporting the use of:							
Windmills and waterwheels	17 396	1 105	2 964	4 624	6 149	2 405	149
Electric or gasoline motors	224 224	17 454	44 624	64 940	68 854	26 081	2 271
Tractors	183 069	10 586	35 966	54 218	54 653	24 304	3 342
Sprayers	135 944	12 120	31 927	37 907	38 369	14 358	1 263
Threshers	58 677	2 302	10 285	22 056	17 763	5 609	662
8 - FERTILIZERS AND SOIL DRESSINGS ¹							
Application of fertilizers							
Number of holdings reporting the use of:							
Chemical fertilizers	154 322	20 275	36 996	37 261	40 996	17 195	1 599
Chemical and other fertilizers	119 164	17 671	37 206	30 706	24 603	8 240	738
Other fertilizers	1 092 015	132 865	351 537	340 134	215 300	49 534	2 645
Application of soil dressings							
Number of holdings reporting	12 352	3 025	3 605	2 806	2 033	693	190

¹ Excludes holdings under an area of 0.32 hectare.

Date of the census and time reference

The sample enumeration was conducted from July to November 1963.

All data refer to the crop year 1963, except for figures on permanent crops and on livestock and poultry, which refer to the census date.

Method of collection and processing of census data

The agricultural census was conducted in two phases. The first phase covered "small" holdings¹ in places having 5,000 inhabitants or less (on the basis of the 1960 Population Census), plus "large" holdings² and state holdings, regardless of the population in the places on which they were located. A sample of 6,450 small holdings was enumerated in 907 villages. State holdings were completely enumerated and a special sample survey was designed for the large holdings.

The second phase of the census was a complete enumeration of every *muhtarlik* (smallest administrative division).

The following report presents only information obtained from the first phase of the census.

Three different questionnaires were used for the first phase of the census: questionnaire A for collecting information on demographic characteristics; questionnaire B contained questions on land tenure, land utilization, area sown, crops harvested, agricultural power, irrigation, fertilizers and agricultural machinery; questionnaire C was used for collecting information on livestock and poultry, etc.

All state holdings were completely enumerated by mailing questionnaires to farm managers with instructions to fill them in. Large holdings were divided into two classes: those with 700 ha

¹ Holdings where each field occupies not more than 100 hectares. - ² Holdings where one or more fields contain an area larger than 100 hectares.

or more were enumerated on a 100 percent basis; large holdings with 100 and up to 699.9 ha were selected on a sample basis (4 independent subsamples were selected of 3,168 such holdings).

The sample selection of holdings in places with 5,000 or less inhabitants was carried out as follows:

On the basis of the 1960 Population Census, the names of all places in the country were registered on cards indicating the total population, name of the province and main agricultural activity. The cards were then arranged into nine strata according to the agricultural region where the place was located. Within each stratum, cards were in turn classified according to the main agricultural activity and, within each activity, by province. Places in each province were arranged in descending order of population size. Paper zones were then formed by dividing the list into groups of places containing the same number of population. Within each zone six villages were randomly selected. A list of the selected villages was then prepared.

Households from the selected villages were systematically chosen on the basis of a serially numbered list of households in the village prepared with the help of the *muhtar* (headman of the village).

Questionnaires were edited for completeness and consistency and were processed, using the punch-card method, while expansion of the sample was done by electronic computers.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined as the person who carried out the following activities:

- (a) plowing and planting the land or harvesting crops, or preparing the fields for the coming year;

TURKEY

- (b) establishing and maintaining vegetable gardens and orchards, pruning and disinfecting trees, irrigating or fertilizing the land, or harvesting the products;
- (c) establishing and maintaining vineyards, olive groves, pistachio and hazelnut gardens, tea gardens, flower gardens, and harvesting the products of these gardens;
- (d) grazing livestock and cutting grass in one's own pasture or in pastures and meadows rented for more than a year.

Holding

A holding is defined as a unit in which economic activities are directed wholly or partly toward agricultural production. These activities can be performed by a legal person or by an individual living alone, or with the assistance of others.

Agricultural production included the growing of field crops, fruits, olives, grapes, seeds, tree nurseries (except those of forest trees), vegetables and flowers both in the open and under glass; the production of tea, livestock and livestock products; beekeeping, production of honey, silk-worm cocoons and similar products. Forestry and forest products, fishing and hunting were excluded from the census.

1 - LAND UTILIZATION

Arable land

This includes all areas with annual crops, vegetable gardens (including greenhouses and flower gardens), fallow land and land plowed but not yet planted.

Land under permanent crops

Comprises all areas of vineyards, olive trees, fruit gardens and other kinds of permanent crops.

Permanent meadows and pastures

Consists of land on which herbaceous crops are grown and land on which villagers have rights for grazing livestock.

Wood or forest land

This includes all areas under wood or forest.

All other land

All other land includes all areas not suitable for cultivation, such as marshes, wasteland, rocky land, bushes, etc.

2 - CROPS

In cases where more than one temporary crop was grown on the same land, the predominant crop only was to be reported. Data include also areas and production of successive crops. In the case of permanent crops grown together, the crop producing the major harvest was to be reported, otherwise the whole area was to be reported as "mixed."

3 - LIVESTOCK AND POULTRY

Data on this subject refer to the number of animals on the holding at the census date, regardless of ownership.

4 - EMPLOYMENT IN AGRICULTURE

Data refer to persons economically active in agriculture as a principal activity. As "usual principal activity" was defined the gainful activity in which a person spent the major portion of his working time during the 12 months preceding the census. Figures exclude activities such as cooking, sowing, washing, looking after children, and similar activities related to the maintenance and care of the home and members of the household. Students, old persons and invalids are also excluded.

5 - FARM POPULATION

Data cover both economically active and non-active members of the household.

A *household* was defined as a group of persons living permanently in the same house, sharing meals and participating in the income and

TURKEY

expenditures of the group. The members of the household did not necessarily have to be related to each other by blood or marriage. Servants, adopted persons, helpers, gardeners and shepherds who did not receive any wages and were living permanently under the same roof and sharing meals, in accordance with the above definition, were also included as members of the household. A household could be composed of one person living alone in a separate house. Members of a household living away from home for a year or more were excluded.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Information on this section refers to the number of machines or implements owned by the holder at the census date.

7 - IRRIGATION AND DRAINAGE

Data refer to the area of land actually irrigated during the crop year 1963. Land irrigated more than once was to be reported only once.

8 - FERTILIZERS AND SOIL DRESSINGS

Information refers to the area to which fertilizers were applied during the crop year 1963. Area treated more than once with the same kind of fertilizer was reported only once.

* * *

SOURCE: Turkey. Prime Ministry. State Institute of Statistics. *1963 Census of Agriculture: sample survey results*. Ankara, 1965. Publication 477.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

TURKEY

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number 3 409 846
Area 17 142 777

Fragmentation

Number of holdings consisting of:

1 parcel 297 639
2-3 parcels 644 690
4-5 parcels 617 453
6-9 parcels 772 694
10 parcels and over 768 471

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Arable land (total) 14 602 265
Temporary crops (9 490 620)
Temporary meadows and pastures (85 053)
Temporarily fallow (5 026 592)
Land under permanent crops 1 099 171
Permanent meadows and pastures 753 790
Wood or forest land 258 063
All other land 429 488

2 - CROPS - AREA AND PRODUCTION

Crops on arable land

Wheat

Number of holdings reporting 2 011 346
Area 4 871 371
Production 5 993 050

Rye

Number of holdings reporting 295 257
Area 365 900
Production 302 422

Rice

Number of holdings reporting 19 040
Area 21 535
Production (paddy) 84 070

Millet

Number of holdings reporting 91 866
Area 42 445
Production 37 754

Maize

Number of holdings reporting 906 727
Area 663 808
Production 916 619

Barley

Number of holdings reporting 1 195 010
Area 1 340 412
Production 1 750 862

Oats

Number of holdings reporting 242 161
Area 284 116
Production 250 740

Spelt

Number of holdings reporting 70 699
Area 74 734
Production 59 099

Canary seed and mixed cereals for grain

Area 70 875

Edible dry beans

Number of holdings reporting 228 160
Area 42 911
Production 103 142

Kidney beans

Number of holdings reporting 146 797
Area 68 707
Production 44 749

Lentils

Number of holdings reporting 137 769
Area 62 730
Production 48 024

Chick-peas

Number of holdings reporting 112 669
Area 39 810
Production 30 352

Edible dry peas

Number of holdings reporting 1 649
Area 1 066
Production 850

Cowpeas

Number of holdings reporting 8 783
Area 1 157
Production 1 384

Vetches

Number of holdings reporting 114 853
Area 47 757
Production 48 270

Soybeans and broad beans

Area 12 493

Dry onions

Number of holdings reporting 103 532
Area 18 336
Production 162 696

Potatoes and dry garlic

Area 34 993

Sugar beets

Number of holdings reporting 159 771
Area 97 320
Production 2 602 054

Cotton (total)

Area 452 697
Production 436 374

Cotton under irrigation

Number of holdings reporting 97 208
Area (230 657)
Production (303 346)

Cotton not irrigated

Number of holdings reporting 86 088
Area (222 040)
Production (133 028)

Flax harvested for fiber

Number of holdings reporting 5 888
Area 1 315
Production 316

Hemp harvested for fiber

Number of holdings reporting 23 445
Area 3 409
Production 2 460

Area: in hectares
Production: in metric tons
(unless otherwise specified)

TURKEY

Not classified by size of holding

Groundnuts (peanuts)	
Number of holdings reporting	7 058
Area	2 178
Production	6 082
Linseed	
Number of holdings reporting	22 286
Area	11 661
Production	5 507
Poppy seed	
Number of holdings reporting	153 220
Area	41 591
Production	27 873
Hempseed	
Number of holdings reporting	21 819
Area	631
Production	920
Sesame seed	
Number of holdings reporting	106 625
Area	58 233
Production	22 981
Sunflower seed	
Number of holdings reporting	116 026
Area	104 506
Production	66 809
Red peppers	
Number of holdings reporting	2 833
Area	1 282
Production	10 018
Aniseed	
Number of holdings reporting	18 921
Area	5 054
Production	3 505
Tobacco	
Number of holdings reporting	323 723
Area	190 461
Production	128 724
Other industrial crops	
Area	30 337
Alfalfa	
Number of holdings reporting	170 268
Area	49 276
Production	298 160
Sainfoin	
Number of holdings reporting	6 026
Area	7 103
Production	8 373
Other forage crops	
Area	22 741
Watermelons	
Number of holdings reporting	226 729
Area	72 225
Production	721 308
Melons	
Number of holdings reporting	175 119
Area	40 851
Production	373 153
Other crops on arable land	
Area	3 817

Permanent crops

Oranges

Number of holdings reporting	35 190
In compact plantations	
Area	16 144
Number of trees	5 522 623
Number of scattered trees	269 823
Production	96 781

Tangerines

Number of holdings reporting	11 393
In compact plantations	
Area	1 741
Number of trees	376 689
Number of scattered trees	198 405
Production	6 431

Lemons

Number of holdings reporting	7 041
In compact plantations	
Area	421
Number of trees	159 178
Number of scattered trees	19 170
Production	16 675

Grapefruit

Number of holdings reporting	568
In compact plantations	
Area	89
Number of trees	26 690
Number of scattered trees	135
Production	415

Sour oranges

Number of holdings reporting	10 728
In compact plantations	
Area	1 138
Number of trees	360 411
Number of scattered trees	32 940
Production	68

Apples

Number of holdings reporting	670 297
In compact plantations	
Area	21 835
Number of trees	4 316 114
Number of scattered trees	4 630 321
Production	81 557

Pears

Number of holdings reporting	625 585
In compact plantations	
Area	5 487
Number of trees	846 371
Number of scattered trees	3 691 812
Production	73 286

Quinces

Number of holdings reporting	285 520
In compact plantations	
Area	1 017
Number of trees	185 474
Number of scattered trees	1 257 124
Production	10 687

Apricots¹

Number of holdings reporting	300 536
In compact plantations	
Area	16 225
Number of trees	3 177 870
Number of scattered trees	2 610 293
Production	29 569

Cherries (sweet)

Number of holdings reporting	248 934
In compact plantations	
Area	2 581
Number of trees	517 423
Number of scattered trees	980 579
Production	18 725

¹ Including also uncultivated apricots.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

TURKEY

Not classified by size of holding

Cherries (sour)	
Number of holdings reporting	112 880
In compact plantations	
Area	2 398
Number of trees	1 834
Number of scattered trees	919 730
Production	4 935
Peaches	
Number of holdings reporting	173 415
In compact plantations	
Area	6 202
Number of trees	2 034 357
Number of scattered trees	838 831
Production	24 800
Plums	
Number of holdings reporting	658 645
In compact plantations	
Area	6 013
Number of trees	1 513 328
Number of scattered trees	4 606 134
Production	80 274
Figs	
Number of holdings reporting	473 797
In compact plantations	
Area	52 569
Number of trees	7 624 120
Number of scattered trees	2 921 074
Production	148 502
Almonds	
Number of holdings reporting	165 305
In compact plantations	
Area	2 905
Number of trees	559 693
Number of scattered trees	1 134 947
Production	8 760
Walnuts	
Number of holdings reporting	395 393
In compact plantations	
Area	806
Number of trees	56 773
Number of scattered trees	1 237 211
Production	31 571
Chestnuts	
Number of holdings reporting	65 545
In compact plantations	
Area	124
Number of trees	674 996
Number of scattered trees	608 455
Production	21 374
All other edible nut trees	
In compact plantations	
Area	237 794
Number of trees	138 915 884
Number of scattered trees	1 989 430
Strawberries	
Number of holdings reporting	4 037
In compact plantations	
Area	2 335
Production	12 450
Bananas	
Number of holdings reporting	6 008
In compact plantations	
Area	729
Number of plants	906 821
Number of scattered plants	2 173
Production	9 264
Grapes (total)	
In compact plantations	
Area	388 480
Number of vines	746 469 837
Production	1 408 278

Grapes for juice	
Number of holdings reporting	469 711
In compact plantations	
Area	(149 376)
Number of vines	(297 984 451)
Number of scattered vines	1 196 941
Production	(547 354)
Grapes for table use	
Number of holdings reporting	622 034
In compact plantations	
Area	(126 512)
Number of vines	(283 368 095)
Number of scattered vines	2 568 083
Production	(526 441)
Grapes for raisins	
Number of holdings reporting	90 109
In compact plantations	
Area	(112 592)
Number of vines	(165 117 291)
Production	(334 483)
Mulberries for table use	
Number of holdings reporting	399 323
In compact plantations	
Area	3 728
Number of trees	848 303
Number of scattered trees	1 062 203
Production	37 197
Tea	
Number of holdings reporting	47 917
In compact plantations	
Area	16 830
Production	41 054
Mulberry for silkworms	
Number of holdings reporting	62 858
In compact plantations	
Area	4 095
Number of trees	2 924 749
Number of scattered trees	1 706 551
Olives	
Number of holdings reporting	291 209
In compact plantations	
Area	280 288
Number of trees	31 319 830
Number of scattered trees	13 502 159
Production	269 194
Roses (for attar)	
Number of holdings reporting	11 433
Area	2 349
Production	4 621
Fruit and grape nurseries	
Number of holdings reporting	1 703
In compact plantations	
Area	715
Number of trees and vines	172 645
Other nurseries	
Number of holdings reporting	550
In compact plantations	
Area	134
Mixed orchards	
In compact plantations	
Area	16 424

3 - LIVESTOCK AND POULTRY

Horses, mules and asses

Horses

Total number of horses	1 236 264
Horses under 3 years of age	
Number of holdings reporting	198 065
Number of horses	(249 352)
Horses 3 years of age and over	
Number of holdings reporting	682 884
Number of horses	(986 912)

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

TURKEY

Not classified by size of holding

Mules	
Number of mules	229 253
Asses	
Number of holdings reporting	1 592 701
Number of asses	2 150 298
Camels	
Number of holdings reporting	15 818
Number of camels	34 472
Cattle	
Total number of cattle	10 378 920
Cattle under 2 years of age	(3 191 052)
Cattle 2 years of age and over	(7 187 868)
Buffaloes	
Total number of buffaloes	1 076 564
Buffaloes under 3 years of age	(325 764)
Buffaloes 3 years of age and over	(750 800)
Sheep	
Total number of sheep	27 375 348
Lambs under 1 year of age	(9 049 982)
Sheep 1 year of age and over	(18 325 366)
Goats	
Total number of goats	19 694 401
Goats under 1 year of age	(6 421 999)
Goats 1 year of age and over	(13 272 402)
Poultry	
Hens, cocks, pullets and chicks	
Number of holdings reporting	2 358 912
Number of hens, cocks, pullets and chicks	26 491 737
Ducks and ducklings	
Number of holdings reporting	62 155
Number of ducks and ducklings	357 054
Geese and goslings	
Number of holdings reporting	109 289
Number of geese and goslings	838 832
Turkeys and poults	
Number of holdings reporting	107 818
Number of turkeys and poults	626 635
Bees	
Number of beehives	2 207 940
Honey production (metric tons)	10 399
Silkworms	
Quantity of fresh cocoons produced (metric tons)	1 068

4 - EMPLOYMENT IN AGRICULTURE

Persons economically active in agriculture

All persons	6 021 433
Males	4 634 160
10 to 14 years of age	(453 457)
15 to 64 years of age	(3 980 902)
65 years of age and over	(199 801)
Females	1 387 273
10 to 14 years of age	(197 640)
15 to 64 years of age	(1 168 879)
65 years of age and over	(20 754)

5 - FARM POPULATION

Holders and members of the holder's household (10 years of age and over).....	13 465 294
Male	(6 567 451)
Female	(6 897 843)

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Use and source of power on the holding	
Number of holdings reporting the use of:	
Mechanical power	317 584
Animal power	2 534 416
Human power only	433 216
Selected agricultural equipment owned by the holder (number)	
Water wheels	3 791
Tractors	37 397
Plows (total)	1 053 913
Animal-operated	(1 014 177)
Tractor-operated	(39 736)
Disk harrows	14 063
Seed drills	51 995
Cultivators and hoes	27 474
Dusters	81 688
Rakes and harrows ²	199 469
Reapers and binders	23 112
Combines (harvester-threshers)	4 972
threshers	4 172
Grain cleaners	1 837
Cream separators	89 093
Carts (total)	1 374 160
Animal-operated	(1 346 823)
Tractor-operated	(27 337)
Trucks, jeeps, minibuses and motorcars ..	8 161

7 - IRRIGATION AND DRAINAGE

Land actually irrigated	
Area	1 310 098

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers	
Organic fertilizers	
Manure ³	
Number of holdings reporting	1 578 566
Area	538 719
Other organic fertilizers	
Number of holdings reporting	31 814
Area	42 799
Inorganic fertilizers	
Chemical fertilizers	
Number of holdings reporting	420 701
Area	800 071

² Excluding hand rakes. - ³ Including green manure, sea plants and other farmyard manure.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	Holdings without land	0.1 and under 0.6 ha	0.6 and under 1.1 ha	1.1 and under 2.1 ha	2.1 and under 3.1 ha	3.1 and under 4.1 ha	4.1 and under 5.1 ha
			1 and under 6 dekar	6 and under 11 dekar	11 and under 21 dekar	21 and under 31 dekar	31 and under 41 dekar	41 and under 51 deka
0 - HOLDER, HOLDING AND TENURE								
Number and area of holdings								
Number	3 409 846	308 899	398 866	375 329	494 623	349 096	291 121	223 25
Percentage distribution	100.0	9.1	11.7	11.0	14.5	10.2	8.5	6.
Area	17 142 777	—	114 385	317 324	744 767	869 763	1 024 284	1 008 86
Percentage distribution	100.0	—	0.7	1.8	4.3	5.1	6.0	5.
Fragmentation								
Number of holdings consisting of:								
1 parcel	297 639	—	185 151	48 393	26 620	10 358	9 224	5 99
2-3 parcels	644 690	—	164 596	142 264	146 839	65 682	36 811	25 00
4-5 parcels	617 453	—	40 320	108 346	135 701	98 004	63 632	55 27
6-9 parcels	772 694	—	8 799	66 006	142 868	111 779	94 781	69 64
10 parcels and over	768 471	—	—	10 320	42 595	63 273	86 673	67 32

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Classified by size of holding

TOTAL AREA OF HOLDING

1 and under 10.1 ha	10.1 and under 20.1 ha	20.1 and under 50.1 ha	50.1 and under 100.1 ha	100.1 and under 250.1 ha	250.1 and under 500.1 ha	500.1 ha and over	Government farms and estates	
1 and under 1001 dekar	101 and under 201 dekar	201 and under 501 dekar	501 and under 1001 dekar	1001 and under 2501 dekar	2501 and under 5001 dekar	5001 dekar and over		
								0 - HOLDER, HOLDING AND TENURE
								Number and area of holdings
								Number
561 732	291 693	99 785	11 029	2 851	981	491	97	Percentage distribution
16.5	8.6	2.9	0.3	0.1	—	—	—	
								Area
995 311	3 973 076	2 842 127	755 158	369 923	313 742	405 611	408 443	Percentage distribution
23.3	23.2	16.6	4.4	2.2	1.8	2.3	2.4	
								Fragmentation
								Number of holdings consisting of:
								1 parcel
6 559	2 745	1 108	584	715	105	55	29	2-3 parcels
43 126	14 134	5 982	13	92	40	69	36	4-5 parcels
77 502	27 992	10 509	24	79	35	24	7	6-9 parcels
173 505	83 602	18 631	2 810	189	47	23	6	10 parcels and over
261 040	163 220	63 555	7 598	1 776	754	320	19	

Date of the census and time reference

The annual census for the different parts of the country was conducted on dates varying from 1 to 4 June 1960.

In the case of England and Wales, some additional information was obtained through a postal and sample questionnaire. The date for returning the postal questionnaire was fixed around the end of January 1961. Data for the sample questionnaire were collected by visits to holdings over a period of about three months from mid-October 1960. In the case of Northern Ireland, additional data were obtained by means of the census questionnaire sent out on 1 December 1960.

For England and Wales and Scotland, data on crop areas, livestock and poultry and employment in agriculture were reported as of 3 and 4 June 1960, respectively. In the case of England and Wales, the time reference for the area of the holding, holder and land tenure was 16 January 1961. Time reference for the rest of the information for England and Wales and Scotland was the date of the sample survey. For Northern Ireland, most data refer to 1 June 1960, while information on the main occupation of the holder refers to 1 December 1960.

Method of collection and processing of census data

The method of collection of data and the scope of the surveys varied for the different parts of the country.

For *England and Wales*, data were obtained through the annual census questionnaire, a postal questionnaire sent out in January 1961 to the majority of holders of land over 1 acre, and a sample questionnaire of 18,700 holdings which were excluded from the postal collection. The sample of holdings was selected from the June

1960 Census returns stratified into seven acreage-size groups according to the area of the holding. Using variable sampling fractions, a relatively higher proportion was selected from the larger holdings. Holdings in the three smaller size groups (under 50 acres = 20.2 ha) were further stratified and selected according to the man-day requirements of the respective holdings, again using variable sampling fractions.

Holdings considered "statistically insignificant," on which the agricultural activity was on such a small scale that regular census taking was not justified, were excluded from the sample.

The response to the postal survey was 82 percent (in terms of good questionnaires received) and to the sample inquiry nearly 100 percent.

For *Scotland*, data were collected through the annual agricultural census and by means of a special questionnaire sent out to a sample of 2,450 holdings. Information collected through the sample questionnaire related to total area of the holding, land tenure, mode of operation, legal status of the holder and main occupation of the holder.

In the case of *Northern Ireland*, data were obtained by means of the annual census questionnaire; additional information on the main occupation of the holder was obtained through the December 1960 Census questionnaire.

In the following tables, "classified by size of holding" figures for the different size classes were adjusted so that the sum of these agree with the "all sizes of holdings" data.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was generally defined as the person who has the right to carry on any agricultural activity in relation to the land.

UNITED KINGDOM

Main occupation of the holder. By main occupation of the holder was considered the occupation at which the holder spent most of his working time.

Holding

No explicit definition was given for the holding. A return was required from every occupier of more than 1 acre (0.4 ha) of land used for agriculture. Two or more pieces of land or two or more farms were to be regarded as operated together as a single unit if they were so managed that their supplies of machinery, livestock, feedingstuffs or of manpower, as needed, were pooled together.

In the case of Northern Ireland, the holder was obliged to furnish a return giving particulars of the land he operated, even if all or part of the land was let in conacre to another person.

No definitions were given for the different forms of tenure. In Northern Ireland data on land tenure were not collected because most of the holders are owners of the land they operate.

1 - LAND UTILIZATION

Arable land

This generally includes areas under fallow land, rough grazing, i.e., areas under mountain, moor, deer forest — whether grazed or not — and heathland situated within the holding (whether enclosed or not), cereals harvested for grain, leguminous plants for grain, tuber and root crops for food or feed, crops grown mainly for industrial purposes, temporary fodder crops, vegetables grown in the open principally for human consumption and special horticultural cultivation.

Land under permanent crops

This includes all areas under fruit trees and small cultivated fruits.

Land under permanent meadows and pastures

This includes, for England and Wales, all permanent grassland areas used primarily for mowing or grazing during the season. For

Scotland, it includes all rotation and permanent grass, whether used for mowing or not during the season. In the case of Northern Ireland, this category includes land used for grazing which was sown in or since 1954 and land used for grazing sown in 1953 or earlier, including land used as permanent pasture.

Wood or forest land

Data are available only for Northern Ireland. It includes all areas under wood or plantations.

All other land

This includes woodland (except for Northern Ireland), area under shelterbelts and spinneys, areas under stockyards, roads, water, bog, buildings, wasteland, etc. In the case of Scotland are also included flower gardens, shrubberies and lawns.

2 - CROPS

Data on crop areas were based on the results of the 1960 Census, while the estimated production was obtained from the 1960 and 1961 Censuses.

The area under each crop included any headland, hedges and ditches attributable to each crop. Land under preparation for any crop as well as land already sown or planted was reported as under that crop. In Scotland, in the case of mixtures and interplanted vegetables, the area was equally divided between the crops concerned. For mixed vegetables and mixed fruit, in cases where the crop was grown on less than $\frac{1}{4}$ acre, the areas were to be entered against the main crop grown. For England and Wales, in the case of orchard plantations, land beneath the trees was to be entirely accounted as grass, bare fallow, small fruit or other crop, as appropriate.

3 - LIVESTOCK AND POULTRY

Data refer to all livestock, whether on the holding or elsewhere, owned by the holder at the census date (dates for the census varied in

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the different parts of the country). Consequently, animals grazing or feeding on land not being part of the holding, e.g., common grazings, summer grazings or sent for sale at the census date, were also included.

4 - EMPLOYMENT IN AGRICULTURE

Data cover Great Britain only. Figures refer to persons engaged in agricultural work on the holding at the census date.

Farm work generally covered all ordinary work on the holding; the supervisory work of bailiffs, foremen and grieves; drainage, ditching, thatching and other maintenance and repair work; threshing, the marketing of the produce of the holding (such as milk retailing); the production of food by gardeners and the commercial production of flowers.

In Scotland were considered as permanent workers not only those persons engaged in the above-mentioned activities but also those who regularly worked each week on the holding for less than the full working week, together with persons such as estate workers, groundsmen, private gardeners and domestic servants who, although engaged mainly in nonfarm duties, nevertheless regularly have done some farm work.

In England and Wales, permanent workers included :

(a) all persons doing regular farm work on the holding either as full-time or part-time workers;

- (b) those workers who, although too regular to be classed as seasonal or temporary, were not engaged full time on the holding;
- (c) all regular full-time workers who were temporarily absent through sickness or holidays and regular part-time workers not working on the holding at the census date if they were expected to report for duty.

As temporary and occasional workers were considered those taken on temporarily for work of a seasonal nature and labor supplied by gang masters.

Figures for employment in agriculture exclude the holder, his wife, or, where there was a partnership, the main partner and his wife; schoolchildren; office staff; nonfarm workers constructing buildings or installing plants. In Scotland were excluded persons who, though working on the holding during the year, were not employed at the census date.

* * *

SOURCES: United Kingdom. Ministry of Agriculture, Fisheries and Food. Branch C, Statistics Division. Agricultural Census Branch. *World Census of Agriculture 1960/1961. England and Wales (Part I); Scotland (Part II); Great Britain (Part III); Northern Ireland (Part IV); United Kingdom (Part V)*. London. (Mimeographed) For data on 1950, see FAO. *Report on the 1950 World Census of Agriculture. Volume I. Census results by countries*. Rome, 1955.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

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Not classified by size of holding

2 - CROPS - AREA AND PRODUCTION²

Crops on arable land

Wheat

Area 850 637
Production 3 040 021

Rye

Area 7 689

Barley

Area 1 364 581
Production 4 309 068

Oats

Area 798 838
Production 2 091 031

Mixed grains

Area 82 150
Production 222 515

Edible dry peas³

Area 19 020
Production 46 738

Potatoes

Area 335 480
Production 7 272 886

Turnips, swedes and beets for feed

Area 183 725
Production 8 869 100

Mangels

Area 54 227
Production 3 648 636

Sugar beets for sugar⁴

Area 176 360
Production 7 330 801

Hops⁵

Area 8 094
Production 12 193

Other industrial crops

Area 22 662

Clover, sainfoin and temporary grasses for mowing

Area 1 283 240

Of which:

Alfalfa³

Area 33 184

Beans for fodder⁵

Area 33 184

Peas for fodder³

Area 4 856

Vetches⁶

Area 11 331

Clover, sainfoin and temporary grasses for grazing

Area 1 463 323

Cabbage and kohlrabi for fodder⁵

Area 204 768

Mustard for seed, fodder or green manure³

Area 10 522

Cabbage, brussels sprouts, kale and sprouting broccoli

Area 39 659
Production 834 177

Asparagus³

Area 405
Production 2 032

Celery³

Area 2 428
Production 113 798

Lettuce⁴

Area 4 047
Production 109 733

Tomatoes³

Production 3 048

Rhubarb⁴

Area 2 428
Production 36 578

Onions⁴

Area 1 618
Production 41 658

Beetroot⁴

Area 4 047
Production 134 119

Carrots

Area 14 568
Production 583 213

Turnips and swedes⁴

Area 2 428
Production 103 637

Parsnips³

Area 2 023
Production 54 867

Beans (harvested green)³

Area 10 117
Production 107 701

Peas (harvested green)⁴

Area 42 896
Production 217 435

Cauliflower and broccoli⁴

Area 12 545
Production 274 334

Other vegetables

Area 7 689
Production 173 745

Mushrooms³

Production 14 225

Total area of vegetables grown primarily for home consumption³

2 428

¹ Excluding 17,750 "statistically insignificant" holdings with an area of 26,709 hectares in England and Wales. - ² Estimated production from the 1960/61 Censuses. - ³ England and Wales only. - ⁴ Great Britain only. - ⁵ Includes areas grown for human consumption in Northern Ireland. - ⁶ Including maslin for threshing.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

UNITED KINGDOM¹

Not classified by size of holding

Nurseries and flowers²	
Area	13 354
Permanent crops	
Strawberries	
Area	7 284
Production	28 449
Raspberries³	
Area	4 047
Production	18 289
Gooseberries³	
Area	2 428
Production	12 193
Currants	
Area	6 070
Production	21 337
Loganberries and blackberries⁴	
Area	809
Production	4 064

3 - LIVESTOCK AND POULTRY

Horses⁴	
Number of horses	157 000
Cattle	
Total number of cattle	11 772 000
Male	(3 360 000)
Female	(8 412 000)
Cattle under 2 years of age	5 543 000
Male	(2 505 000)
Female	(3 038 000)
Calves under 1 year of age	2 868 000
Male	(1 290 000)
Female	(1 578 000)
Young stock 1 year of age and under 2 years	2 675 000
Male	(1 215 000)
Female	(1 460 000)

Cattle 2 years of age and over	6 229 000
Male	(855 000)
Female	(5 374 000)

Cattle classified by use or purpose

Total number of cows	4 013 000
Used primarily for milk production	(3 165 000)
Raised primarily for meat production	(848 000)
Heifers in calf	823 000
Bulls used for service	110 000
Other cattle	6 825 000

Sheep

Total number of sheep	27 871 000
Lambs under 1 year of age	(12 517 000)
Sheep 1 year of age and over	(15 354 000)
Male	(1 562 000)
Female	(13 792 000)

Pigs

Total number of pigs	5 724 000
Pigs under 5 months of age	(3 941 000)
Pigs 5 months of age and over	(1 783 000)
Sows and gilts for breeding	(725 000)
All other pigs	(1 058 000)

Poultry

Chickens

Total number of chickens	98 360 000
Chickens under 6 months of age ⁷	(54 092 000)
Chickens 6 months of age and over ⁷ ..	(44 268 000)

Ducks

Number of ducks	1 295 000
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Geese

Number of geese	388 000
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Turkeys

Number of turkeys	2 961 000
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¹ Excluding 17,750 "statistically insignificant" holdings with an area of 26,709 hectares in England and Wales. - ² England and Wales only. - ³ Great Britain only. - ⁷ Chickens under 5 months of age and 5 months of age and over for Northern Ireland.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

UNITED KINGDOM
Great Britain¹
Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	395 670
Area	17 867 107

Mode of operation

Operated by the holder

Number	382 320
Area	15 084 122

Operated through a hired manager

Number	13 350
Area	2 782 985

Main occupation of the holder

Number of holders with agricultural main occupation	329 600
Number of holders with nonagricultural main occupation	56 760

Legal status of the holder

Holdings operated by:

Civil persons	
Number	384 300
Area	16 023 832
Corporations	
Number	9 010
Area	1 503 749
Government	
Number	1 310
Area	190 968
Others	
Number	1 050
Area	148 558

Number and area of holdings, by tenure

Holdings operated under one form of tenure
Holdings owned by the holder or in owner-like possession

Number	180 200
Area	7 644 647

Holdings rented from others

Number	160 560
Area	7 133 740

Holdings operated under more than one form of tenure

Number	54 910
Area	3 088 720

1 - LAND UTILIZATION

Utilization of land in holdings

Arable land

Number of holdings reporting	272 070
Area	6 795 993

Land under permanent crops

Number of holdings reporting	45 460
Area	112 137

Permanent meadows and pastures

Number of holdings reporting	343 440
Area	10 546 932

All other land

Number of holdings reporting	255 170
Area	412 045

2 - CROPS - AREA AND PRODUCTION²

Crops on arable land

Wheat

Number of holdings reporting	84 380
Area	849 342
Production	3 035 957

Rye

Number of holdings reporting	1 200
Area	7 365
Production	18 289

Barley

Number of holdings reporting	101 860
Area	1 340 867
Production	4 234 896

Oats

Number of holdings reporting	138 480
Area	716 728
Production	1 900 013

Mixed grains

Number of holdings reporting	21 270
Area	80 572
Production	218 451

Edible dry peas³

Area	19 020
Production	46 738

Potatoes

Number of holdings reporting	140 420
Area	300 475
Production	6 558 603

Turnips, swedes and beets for feed

Area	181 701
Production	8 796 961

Mangels

Area	53 822
Production	3 642 539

Sugar beets for sugar

Number of holdings reporting	35 960
Area	176 360
Production	7 330 801

Hops³

Area	8 094
Production	12 193

Other industrial crops

Area	21 448
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Clover, sainfoin and temporary grasses for mowing

Number of holdings reporting	152 070
Area	1 183 082

Of which:

Alfalfa³

Area	33 184
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Peas for fodder³

Area	4 856
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Vetches³

Area	7 689
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¹ Excluding 17,750 "statistically insignificant" holdings with an area of 26,709 hectares in England and Wales. - ² Estimated production from the 1960/61 Censuses. - ³ England and Wales only.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

UNITED KINGDOM
Great Britain¹
Not classified by size of holding

Clover, sainfoin and temporary grasses for grazing	
Number of holdings reporting	113 350
Area	1 329 536
Other fodder crops	
Area	263 204
Mustard for seed, fodder or green manure ²	
Area	10 522
Cabbage, brussels sprouts, kale and sprouting broccoli	
Area	39 254
Production	813 856
Asparagus ²	
Area	405
Production	2 032
Celery ²	
Area	2 428
Production	113 798
Lettuce	
Area	4 047
Production	109 733
Tomatoes ²	
Production	3 048
Rhubarb	
Area	2 428
Production	36 578
Onions	
Area	1 618
Production	41 658
Beetroot	
Area	4 047
Production	134 119
Carrots	
Area	14 164
Production	577 116
Turnips and swedes	
Area	2 428
Production	103 637
Parsnips ²	
Area	2 023
Production	54 867
Beans (harvested green) ²	
Area	10 117
Production	107 701
Peas (harvested green)	
Area	42 896
Production	217 435
Cauliflower and broccoli	
Area	12 545
Production	274 334

Other vegetables	
Area	6 880
Mushrooms ²	
Production	14 225
Vegetables grown primarily for home consumption ²	
Area	2 428
Nurseries and flowers	
Area	13 354
Permanent crops	
Orchards	
Number of holdings reporting	36 700
Area	95 059
Of which:	
Strawberries	
Area	6 880
Production	27 433
Raspberries	
Area	4 047
Production	18 289
Gooseberries ²	
Area	2 428
Production	12 193
Currants	
Area	6 070
Production	21 337
Loganberries and blackberries	
Area	809
Production	4 064

3 - LIVESTOCK AND POULTRY

Horses	
Number of horses	157 000
Cattle	
Number of holdings reporting	267 700
Total number of cattle	10 772 000
Male	(2 954 000)
Female	(7 818 000)
Cattle under 2 years of age	5 075 000
Male	(2 249 000)
Female	(2 826 000)
Calves under 1 year of age	2 629 000
Male	(1 162 000)
Female	(1 467 000)
Young stock 1 year of age and under 2 years	2 446 000
Male	(1 087 000)
Female	(1 359 000)
Cattle 2 years of age and over	5 697 000
Male	(706 000)
Female	(4 991 000)

¹ Excluding 17,750 "statistically insignificant" holdings with an area of 26,709 hectares in England and Wales. - ² England and Wales only.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

UNITED KINGDOM
Great Britain ¹
Not classified by size of holding

Cattle classified by use or purpose

Total number of cows	3 733 000
Used primarily for milk production	(2 953 000)
Raised primarily for meat production	(780 000)
Heifers in calf	773 000
Bulls used for service	105 000
Other cattle	6 161 000

Sheep

Number of holdings reporting	125 300
Total number of sheep	26 772 000
Lambs under 1 year of age	(12 071 000)
Sheep 1 year of age and over	(14 701 000)
Male	(1 470 000)
Female	(13 231 000)

Pigs

Number of holdings reporting	120 200
Total number of pigs	4 739 000
Pigs under 5 months of age	(3 266 000)
Pigs 5 months of age and over	(1 473 000)
Sows and gilts for breeding	(615 000)
All other pigs	(858 000)

Poultry

Number of holdings reporting	292 800
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Chickens

Total number of chickens	88 296 000
Chickens under 6 months of age	(50 057 000)
Chickens 6 months of age and over	(38 239 000)

Ducks

Number of ducks	1 167 000
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Geese

Number of geese	339 000
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Turkeys

Number of turkeys	2 810 000
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4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding

All persons	
Number of holdings reporting	193 400
Total number of persons	644 730
Permanent workers	552 510
Males	484 250
15 to 65 years of age	(467 870)
Over 65 years of age	(16 380)
Females	68 260
Temporary and occasional workers	92 220
Males	(51 960)
Females	(40 260)

¹ Excluding 17,750 "statistically insignificant" holdings with an area of 26,709 hectares in England and Wales.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

UNITED KINGDOM
Great Britain¹
Classified by size of holding

	All sizes of holdings	0.5 and under 2.0 ha	2.0 and under 5.1 ha	5.1 and under 10.1 ha	10.1 and under 20.2 ha	20.2 and under 50.6 ha	50.6 and under 101.2 ha	101.2 and under 202.4 ha	202.4 and under 505.9 ha	505.9 and under 1 012.0 ha	1 012.0 ha and over
		1.2 and under 5 acres	5 and under 12.5 acres	12.5 and under 25 acres	25 and under 50 acres	50 and under 125 acres	125 and under 250 acres	250 and under 500 acres	500 and under 1 250 acres	1 250 and under 2 500 acres	2 500 acres and over
0 - HOLDER, HOLDING AND TENURE											
Number and area of holdings											
Number	395 670	66 670	64 310	42 330	51 410	83 660	51 710	24 580	8 220	1 610	1 170
Percentage distribution	100.0	16.8	16.3	10.7	13.0	21.1	13.1	6.2	2.1	0.4	0.3
Area	17 867 107	75 756	204 646	305 412	755 497	2 740 574	3 633 257	3 317 728	2 400 238	1 100 163	3 333 836
Percentage distribution	100.0	0.4	1.1	1.7	4.2	15.3	20.3	18.6	13.4	6.2	18.8
Mode of operation											
Operated by the holder											
Number	382 320	66 100	63 460	41 550	50 260	81 190	49 160	21 940	6 730	1 170	760
Area	15 084 122	75 069	201 773	299 665	738 784	2 658 788	3 445 768	2 959 343	1 948 413	804 382	1 952 137
Operated through a hired manager											
Number	13 350	570	850	780	1 150	2 470	2 550	2 640	1 490	440	410
Area	2 782 985	687	2 873	5 747	16 713	81 786	187 489	358 385	451 825	295 781	1 381 699
Main occupation of the holder											
Number of holders with agricultural main occupation											
Number	329 600	44 900	45 760	33 530	46 240	79 240	48 780	22 490	6 970	1 110	580
Number of holders with nonagricultural main occupation											
Number	56 760	20 700	17 160	8 070	4 310	2 650	1 520	1 180	670	240	260
Legal status of the holder											
Holdings operated by:											
Civil persons											
Number	384 300	66 140	63 140	41 090	50 170	82 130	50 070	22 540	6 800	1 300	920
Area	16 023 832	75 109	201 045	297 602	738 177	2 694 926	3 519 502	3 041 656	1 996 934	883 133	2 575 748
Corporations											
Number	9 010	470	830	730	820	1 110	1 480	1 850	1 280	270	170
Area	1 503 749	567	2 711	5 098	11 614	35 329	102 667	250 173	366 316	179 273	550 001
Government											
Number	1 310	240		270	330	160	100		60	20	30
Area	190 968	606		1 822	4 816	5 584	7 567	17 401	20 963	20 153	112 056
Others											
Number	1 050	160		240	90	260	60	90	80	20	50
Area	148 558	364		890	890	4 735	3 521	8 498	16 025	17 604	96 031
Number and area of holdings, by tenure											
Holdings operated under one form of tenure											
Holdings owned by the holder or in ownerlike possession											
Number	180 200	39 560	32 330	19 900	21 340	33 310	20 190	9 000	3 040	900	630
Area	7 644 647	44 353	102 829	142 043	309 823	1 098 221	1 428 560	1 218 410	873 421	637 897	1 789 090
Holdings rented from others											
Number	160 560	24 930	26 630	16 290	20 740	35 230	22 120	10 510	3 190	460	460
Area	7 133 740	28 611	83 728	117 883	309 499	1 150 950	1 542 843	1 410 310	952 374	294 931	1 242 611
Holdings operated under more than one form of tenure											
Number	54 910	2 180	5 350	6 140	9 330	15 120	9 400	5 070	1 990	250	80
Area	3 088 720	2 792	18 089	45 486	136 175	491 403	661 854	689 008	574 443	167 335	302 135
1 - LAND UTILIZATION											
Utilization of land in holdings											
Arable land											
Number of holdings reporting ..	272 070	24 540	34 140	22 820	37 830	72 430	49 220	22 040	7 150	1 130	770
Area	6 795 993	12 666	62 118	92 753	275 749	1 202 426	1 888 439	1 790 466	1 161 715	223 950	85 711
Land under permanent crops											
Number of holdings reporting ..	45 460	10 320	7 600	4 370	4 800	8 330	6 480	2 820	700	30	10
Area	112 137	4 412	6 718	7 891	9 793	24 200	25 495	22 419	11 088	81	40
Permanent meadows and pastures											
Number of holdings reporting ..	343 440	51 960	51 290	33 640	46 430	77 690	49 560	22 220	7 970	1 560	1 120
Area	10 546 932	54 429	125 855	192 183	446 929	1 446 731	1 630 172	1 410 553	1 160 420	843 110	3 236 550
All other land											
Number of holdings reporting ..	255 170	25 400	30 780	22 310	30 450	60 370	45 480	28 180	9 430	1 640	1 130
Area	412 045	4 249	9 955	12 585	23 026	67 217	89 151	94 290	67 015	33 022	11 535

¹ Excluding 17,750 "statistically insignificant" holdings, with an area of 26,709 hectares, in England and Wales.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

UNITED KINGDOM
Northern Ireland
Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number 71 910
Area 1 155 766

Main occupation of the holder

Number of holders with agricultural main occupation 52 110
Number of holders with nonagricultural main occupation 18 960

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Arable land 406 703
Land under permanent crops 4 047
Permanent meadows and pastures 335 075
Wood or forest land 16 187
All other land 393 754

2 - CROPS - AREA AND PRODUCTION ¹

Crops on arable land

Wheat

Area 1 619
Production 4 064

Barley

Area 23 876
Production 74 172

Oats

Area 81 745
Production 191 017

Mixed grains

Area 1 619
Production 4 064

Potatoes

Area 35 207
Production 714 283

Turnips, swedes and fodder beet

Area 2 023
Production 72 140

Mangels

Production 6 096

Other industrial crops

Area 1 214

Clover, sainfoin and temporary grasses cut for hay

Area 99 956
Production 333 264

Clover, sainfoin and temporary grasses cut for grazing

Area 133 544

Cabbage and kohlrabi for fodder

Area 405

Kale for fodder

Area 809

Cabbage, brussels sprouts, kale and sprouting broccoli

Area ² 405
Production 20 321

Carrots

Area 405
Production 6 096

Turnips and swedes

Production 4 064

Parsnips

Production 2 032

Other vegetables

Area 809
Production 14 225

Mushrooms

Production 2 032

Permanent grass ³

Area 456 884

Strawberries

Area 405
Production 1 016

3 - LIVESTOCK AND POULTRY

Horses

Number of horses 13 000

Cattle

Total number of cattle 999 000
Male (405 000)
Female (594 000)
Cattle under 2 years of age 467 000
Male ⁴ (256 000)
Female (211 000)
Calves under 1 year of age 238 000
Male ⁴ (128 000)
Female (110 000)
Cattle 1 year of age and under 2 years 229 000
Male (129 000)
Female (100 000)
Cattle 2 years of age and over 532 000
Male (149 000)
Female (383 000)

¹ Estimated production from the 1960/61 Censuses. - ² Estimate. - ³ Excluding rough grazing. - ⁴ Includes bulls (including bull calves) being reared for service. - ⁵ Includes sows for fattening.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

UNITED KINGDOM
Northern Ireland
Not classified by size of holding

Cattle classified by use or purpose

Total number of cows	280 000
Used primarily for milk production	(213 000)
Raised primarily for meat production ..	(67 000)
Number of heifers in calf	50 000
Number of bulls used for service	5 000
Other cattle	664 000

Sheep

Total number of sheep	1 099 000
Lambs under 1 year of age	447 000
Sheep 1 year of age and over	652 000
Male	(91 000)
Female	(561 000)

Pigs

Total number of pigs	985 000
Pigs under 5 months of age	675 000
Pigs 5 months of age and over	310 000
Sows and gilts for breeding	(111 000)
All other pigs ^a	(199 000)

Poultry

Chickens

Total number of chickens	10 064 000
Chickens under 5 months of age	(4 035 000)
Chickens 5 months of age and over	(6 029 000)

Ducks

Number of ducks	128 000
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Geese

Number of geese	50 000
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Turkeys

Number of turkeys	151 000
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^a Includes sows for fattening.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION BY TOTAL AREA
OF HOLDING

UNITED KINGDOM
Northern Ireland
Classified by size of holding

	All sizes of holdings	0.5 and under 2.4 ha	2.4 and under 4.5 ha	4.5 and under 8.5 ha	8.5 and under 20.6 ha	20.6 and under 40.9 ha	40.9 and under 61.1 ha	61.1 and under 121.8 ha	121.8 and under 204.0 ha	204.0 ha and over
		1.2 and under 6 acres	6 and under 11 acres	11 and under 21 acres	21 and under 51 acres	51 and under 101 acres	101 and under 151 acres	151 and under 301 acres	301 and under 501 acres	501 acres and over
0 - HOLDER, HOLDING AND TENURE										
Number and area of holdings										
Number	71 910	5 910	8 870	14 730	26 490	11 790	2 490	1 220	250	160
Percentage distribution	100.0	8.2	12.3	20.5	36.9	16.4	3.5	1.7	0.3	0.2
Area	1 155 766	7 689	29 137	92 672	360 570	331 838	122 618	99 551	38 444	73 247
Percentage distribution	100.0	0.7	2.5	8.0	31.3	28.7	10.6	8.6	3.3	6.3
Main occupation of the holder										
Number of holders with agricultural main occupation	52 110	720	2 840	9 280	23 210	11 940	2 470	1 240	250	160
Number of holders with nonagricultural main occupation	18 960	3 210	4 240	5 470	4 650	1 100	170	80	30	10
1 - LAND UTILIZATION										
Utilization of land in holdings (area)										
Arable land	406 703	5 665	10 117	31 970	130 712	135 568	48 966	32 374	6 880	4 451
Land under permanent crops	4 047	405	405	809	1 214	809	405	—	—	—
Permanent meadows and pastures ..	335 075	—	12 140	38 445	138 401	94 290	24 281	16 592	4 856	6 070
Wood or forest land	16 187	—	—	—	1 619	2 428	1 214	2 023	2 023	6 880
All other land	393 754	1 619	6 475	21 448	88 625	98 742	47 752	48 562	24 685	55 846

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	0.5 and under 2.0 ha	2.0 and under 5.1 ha	5.1 and under 10.1 ha	10.1 and under 20.2 ha
		1.2 and under 5 acres	5 and under 12.5 acres	12.5 and under 25 acres	25 and under 50 acres
2 - CROPS - AREA					
Crops on arable land					
Wheat					
Number of holdings reporting	78 670	1 740	3 170	3 620	7 970
Area	811 100	2 226	4 168	7 891	25 616
Rye					
Number of holdings reporting	1 720		230		140
Area	7 001		567		243
Barley					
Number of holdings reporting	91 890	2 180	5 300	3 280	9 050
Area	1 237 956	2 549	10 279	8 782	34 883
Oats					
Number of holdings reporting	90 390	1 070	2 200	2 800	10 950
Area	400 835	728	2 226	3 683	21 569
Mixed grains					
Number of holdings reporting	20 780	290	330	610	2 800
Area	79 034	364	445	1 012	5 544
Potatoes					
Number of holdings reporting	103 510	7 620	8 000	7 700	13 790
Area	238 760	2 064	4 249	6 839	15 742
Root fodder crops					
Number of holdings reporting	83 070	1 670	2 910	3 750	10 420
Area	134 273	324	850	1 093	6 030
Sugar beets for sugar					
Number of holdings reporting	34 750	2 840	3 770	2 190	4 710
Area	169 844	1 133	3 278	3 116	9 793
Clover, sainfoin and temporary grasses cut for hay					
Number of holdings reporting	114 140	1 690	4 810	5 530	14 210
Area	954 761	1 335	8 458	11 007	44 474
Clover, sainfoin and temporary grasses for grazing					
Number of holdings reporting	80 760	2 600	3 170	4 070	10 520
Area	796 086	2 347	4 087	9 753	36 057
Other fodder crops					
Number of holdings reporting	92 590	570	2 520	3 830	12 580
Area	239 367	283	1 537	2 469	12 828
Other vegetables ²					
Number of holdings reporting	39 000	9 920	7 100	4 540	4 540
Area	176 561	5 868	8 498	10 441	14 366
Permanent grassland cut for hay					
Number of holdings reporting	164 300	10 280	16 050	16 980	28 890
Area	1 244 674	8 579	24 726	47 874	142 002
Permanent crops					
Orchards					
Number of holdings reporting	36 460	7 310	5 160	3 120	3 910
Area	94 730	2 873	4 937	5 908	7 972
3 - LIVESTOCK AND POULTRY					
Cattle					
Number of holdings reporting	226 000	8 500	22 400	23 200	38 700
Total number of cattle	8 769 300	38 000	148 600	245 600	733 100
Male	2 334 200	18 700	44 100	63 200	160 400
Female	6 435 100	19 300	104 500	182 400	572 700
Cattle under 2 years of age					
Male	1 783 700	17 300	38 100	53 400	122 700
Female	2 276 900	10 900	44 500	66 200	174 400
Calves under 1 year of age					
Male	924 500	10 100	22 000	22 900	66 600
Female	1 175 900	5 400	23 800	32 500	91 000
Young stock 1 year of age and under 2					
Male	859 200	7 200	16 100	30 400	56 200
Female	1 101 000	5 500	20 700	33 700	83 400
Cattle 2 years of age and over					
Male	550 500	1 400	6 000	9 800	37 700
Female	4 158 200	8 400	60 000	116 200	398 300

¹ Excluding information on 17,750 "insignificant holdings" with an area of 26,709 hectares. - ² Includes crops under glass, bulbs and flowers in the open and hardy nursery stock.

UNITED KINGDOM
England and Wales¹
Classified by size of holding

TOTAL AREA OF HOLDING

20.2 and under 50.6 ha	50.6 and under 101.2 ha	101.2 and under 202.4 ha	202.4 and under 505.9 ha	505.9 and under 1 012.0 ha	1 012.0 ha and over	
50 and under 25 acres	125 and under 250 acres	250 and under 500 acres	500 and under 1 250 acres	1 250 and under 2 500 acres	2 500 acres and over	
						2 - CROPS - AREA
						Crops on arable land
						Wheat
22 590	22 750	12 510	3 930	340	50	Number of holdings reporting
111 489	215 087	245 641	159 323	30 756	8 903	Area
						Rye
370	520	330	110	10	10	Number of holdings reporting
1 012	1 416	1 942	1 092	243	486	Area
						Barley
27 320	26 220	13 860	4 280	350	50	Number of holdings reporting
170 208	319 009	363 322	269 274	49 452	10 198	Area
						Oats
31 110	26 500	11 920	3 500	300	40	Number of holdings reporting
64 223	149 125	103 436	47 671	7 041	1 133	Area
						Mixed grains
8 830	6 000	1 590	300	20	10	Number of holdings reporting
27 680	30 351	10 360	3 076	121	81	Area
						Potatoes
31 560	22 420	9 390	2 710	280	40	Number of holdings reporting
44 474	58 233	60 014	36 583	8 822	1 740	Area
						Root fodder crops
28 910	22 450	9 900	2 750	270	40	Number of holdings reporting
29 096	41 682	34 883	17 199	2 833	283	Area
						Sugar beets for sugar
7 950	6 780	4 660	1 650	180	20	Number of holdings reporting
25 454	38 971	45 567	33 184	7 527	1 821	Area
						Clover, sainfoin and temporary grasses cut for hay
39 200	30 820	13 320	4 110	390	60	Number of holdings reporting
222 331	307 638	207 479	118 126	24 605	9 308	Area
						Clover, sainfoin and temporary grasses for grazing
25 940	20 950	9 860	3 250	350	50	Number of holdings reporting
163 248	237 021	187 286	118 935	28 773	8 579	Area
						Other fodder crops
33 210	24 560	11 270	3 610	380	60	Number of holdings reporting
51 232	67 379	56 331	37 595	7 487	2 226	Area
						Other vegetables²
5 020	3 640	2 780	1 280	170	10	Number of holdings reporting
22 136	29 784	41 358	33 305	9 591	1 214	Area
						Permanent grassland cut for hay
48 740	28 710	11 150	3 120	310	70	Number of holdings reporting
402 333	354 459	186 315	68 431	8 417	1 538	Area
						Permanent crops
						Orchards
7 740	6 080	2 560	550	20	10	Number of holdings reporting
20 922	23 471	19 425	9 146	40	36	Area
						3 - LIVESTOCK AND POULTRY
						Cattle
						Number of holdings reporting
67 800	42 400	17 100	5 200	600	100	Total number of cattle
2 395 200	2 655 500	1 628 800	757 300	130 700	36 500	Male
516 300	702 700	524 900	249 500	46 000	8 400	Female
1 878 900	1 952 800	1 103 900	507 800	84 700	28 100	Cattle under 2 years of age
						Male
418 000	542 200	377 500	176 600	31 700	6 200	Female
626 300	706 700	414 700	194 000	29 800	9 400	Calves under 1 year of age
						Male
219 400	276 600	191 700	94 100	17 200	3 900	Female
334 100	359 300	209 100	99 700	15 000	6 000	Young stock 1 year of age and under 2
						Male
198 700	265 400	185 700	82 600	14 500	2 400	Female
292 200	347 400	205 600	94 300	14 800	3 400	Cattle 2 years of age and over
						Male
98 300	160 500	147 400	72 900	14 300	2 200	Female
1 252 600	1 246 100	689 200	313 800	54 900	18 700	

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION BY

	All sizes of holdings	0.5 and under 2.0 ha	2.0 and under 5.1 ha	5.1 and under 10.1 ha	10.1 and under 20.2 ha
		1.2 and under 5 acres	5 and under 12.5 acres	12.5 and under 25 acres	25 and under 50 acres
Cattle classified by use or purpose					
Total number of cows	3 112 300	6 900	42 800	94 600	320 500
Used primarily for milk production	(2 594 700)	(4 900)	(33 700)	(81 800)	(293 900)
Raised primarily for meat production	(517 600)	(2 000)	(9 100)	(12 800)	(26 600)
Heifers in calf	641 200	700	11 400	14 900	45 700
Bulls used for service	54 000	—	100	100	1 600
Other cattle	4 961 800	30 400	94 300	136 000	365 300
Holdings reporting specified number of cattle :					
1-4 head	21 620	5 860	8 750	3 910	1 590
5-10 head	30 890	2 140	10 240	8 180	6 150
11-20 head	41 250	260	3 060	9 530	16 150
21-50 head	73 840	220	330	1 530	14 190
51-100 head	41 200	20	20	40	620
101-200 head	14 750	—	—	10	—
201 head and over	2 450	—	—	—	—
Sheep					
Number of holdings reporting	95 600	4 100	6 000	4 800	9 700
Total number of sheep	18 365 000	114 500	196 000	218 200	749 400
Lambs under 1 year of age	(8 467 600)	(51 600)	(97 100)	(105 800)	(340 500)
Sheep 1 year of age and over	(9 897 400)	(62 900)	(98 900)	(112 400)	(408 900)
Pigs					
Number of holdings reporting	110 700	13 300	13 700	9 800	15 000
Total number of pigs	4 336 700	338 400	346 600	276 200	423 600
Pigs under 5 months of age	2 993 200	217 200	242 400	193 300	284 300
Pigs 5 months of age and over	1 343 500	121 200	104 200	82 900	139 300
Sows and gilts for breeding	(566 200)	(42 100)	(49 500)	(40 700)	(55 400)
All other pigs	(777 300)	(79 100)	(54 700)	(42 200)	(83 900)
Poultry					
Chickens					
Number of holdings reporting	248 490	36 500	34 900	24 000	36 500
Total number of chickens	80 027 000	1 486 800	13 272 300	7 590 800	10 236 100
Chickens under 6 months of age	(45 885 800)	(3 996 900)	(8 149 700)	(4 258 200)	(5 735 200)
Chickens 6 months of age and over	(34 140 200)	(4 489 900)	(5 122 600)	(3 332 600)	(4 500 900)
Turkeys					
Number of turkeys	2 646 400	43 000	123 500	55 400	132 400
4 - EMPLOYMENT IN AGRICULTURE					
Persons employed in agricultural work on the holding					
Number of holdings reporting	167 810	7 310	8 650	11 000	20 250
Total number of persons	562 110	14 970	23 460	25 540	41 680
Permanent workers	478 150	11 630	19 300	20 310	30 300
Males	421 160	9 020	14 450	15 860	25 600
15 to 65 years of age	(406 930)	(8 820)	(13 900)	(15 440)	(24 880)
Over 65 years of age	(14 230)	(200)	(550)	(420)	(720)
Females	56 990	2 610	4 850	4 450	4 700
Temporary and occasional workers	83 960	3 340	4 160	5 230	11 380
Males	(47 170)	(1 980)	(1 970)	(2 960)	(8 390)
Females	(36 790)	(1 360)	(2 190)	(2 270)	(2 990)

¹Excluding information on 17,750 "insignificant holdings" with an area of 26,709 hectares.

UNITED KINGDOM
England and Wales¹
Classified by size of holding

TOTAL AREA OF HOLDING

20.2 and under 50.6 ha	50.6 and under 101.2 ha	101.2 and under 202.4 ha	202.4 and under 505.9 ha	505.9 and under 1 012.0 ha	1 012.0 ha and over	
50 and under 25 acres	125 and under 250 acres	250 and under 500 acres	500 and under 1 250 acres	1 250 and under 2 500 acres	2 500 acres and over	
970 400 (876 400) (94 000)	921 100 (767 100) (154 000)	481 600 (358 500) (123 100)	221 800 (149 100) (72 700)	39 300 (22 700) (16 600)	13 300 (6 600) (6 700)	Cattle classified by use or purpose
177 400 11 200 236 200	197 000 19 400 1 518 000	119 900 13 100 1 014 200	58 800 6 800 469 900	11 200 1 200 79 000	4 200 500 18 500	Total number of cows Used primarily for milk production Raised primarily for meat production Heifers in calf Bulls used for service Other cattle
850 2 890 9 460 42 040 12 200 360 —	440 880 2 100 12 450 21 120 5 380 30	150 280 500 2 490 6 140 6 870 670	60 100 170 500 970 2 020 1 380	10 30 10 70 60 100 320	— — 10 20 10 10 50	Holdings reporting specified number of cattle: 1-4 head 5-10 head 11-20 head 21-50 head 51-100 head 101-200 head 201 head and over
29 800 702 600 672 900 1 029 700	26 100 5 802 100 (2 713 200) (3 088 900)	11 100 4 247 800 (1 996 500) (2 251 300)	3 400 2 444 300 (1 115 400) (1 328 900)	500 664 900 (282 000) (382 900)	100 225 200 (92 600) (132 600)	Sheep Number of holdings reporting Total number of sheep Lambs under 1 year of age Sheep 1 year of age and over
28 900 925 200 658 200 267 000 (126 400) (140 600)	19 700 906 600 635 500 271 100 (116 400) (154 700)	7 800 683 900 469 900 214 000 (82 400) (131 600)	2 200 340 900 231 200 109 700 (42 200) (67 500)	200 74 900 49 000 25 900 (8 300) (17 600)	100 20 400 12 200 8 200 (2 800) (5 400)	Pigs Number of holdings reporting Total number of pigs Pigs under 5 months of age Pigs 5 months of age and over Sows and gilts for breeding All other pigs
60 900 937 500 197 400 740 100	37 100 12 401 100 (7 287 100) (5 114 000)	14 200 6 751 300 (4 178 600) (2 572 700)	3 900 2 955 800 (1 872 000) (1 083 800)	390 366 400 (196 400) (170 000)	100 28 900 (14 300) (13 600)	Poultry Chickens Number of holdings reporting Total number of chickens Chickens under 6 months of age Chickens 6 months of age and over
446 600	1 044 500	308 700	380 000	112 100	200	Turkeys Number of turkeys
4 - EMPLOYMENT IN AGRICULTURE						
Persons employed in agricultural work on the holding						
55 230 118 470 98 980 86 480 (83 980) (2 500) 12 500 19 490 (13 320) (6 170)	41 650 140 810 123 410 111 190 (107 850) (3 340) 12 220 17 400 (9 740) (7 660)	17 800 113 960 99 450 89 930 (86 200) (3 730) 9 520 14 510 (6 230) (8 280)	5 270 66 830 59 580 54 480 (52 200) (2 280) 5 100 7 250 (2 110) (5 140)	550 13 480 12 520 11 550 (11 150) (400) 970 960 (390) (570)	100 2 910 2 670 2 600 (2 510) (90) 70 240 (80) (160)	Number of holdings reporting Total number of persons Permanent workers Males 15 to 65 years of age Over 65 years of age Females Temporary and occasional workers Males Females

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SELECTED DATA FROM CENSUSES
 OF 1950 AND 1960

UNITED KINGDOM

	1950	1960		1950	1960
2 - CROPS - AREA			3 - LIVESTOCK AND POULTRY		
Crops on arable land			Horses		
Wheat	1 003 013	850 637	Number of horses	548 939	1 157 000
Barley	719 463	1 364 581	Cattle		
Oats	1 256 626	798 838	Number of cattle	10 620 066	11 771 000
Potatoes	499 802	335 480	Sheep		
Sugar beets for sugar ¹	173 620	176 360	Number of sheep	20 430 303	27 871 000
Permanent crops			Pigs		
Strawberries	9 485	7 284	Number of pigs	2 985 594	5 724 000
Currants	7 551	6 070	Chickens		
			Number of chickens	90 788 797	98 360 000
			Ducks		
			Number of ducks	3 111 710	1 295 000
			Geese		
			Number of geese	958 136	388 000
			Turkeys		
			Number of turkeys	1 250 130	2 961 000

¹ Great Britain only.

Date of the census and time reference

The agricultural census started on 29 May 1961.

No specific time reference is given for most of the data. It may be assumed that information on number and area of holdings, land tenure, land utilization and use of power and machinery refers to the census date. Data on livestock and poultry refer to 29 May 1961, while figures for farm population and employment in agriculture refer to the week preceding the census.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

No explicit definition, except for area of the holding, was available for holder, holding and land tenure concepts.

Regarding the holding, enumerators were requested to report information on agricultural holdings with 1 ha or more in extent. An agricultural holding operated as one technical unit but belonging to two or more owners was to be considered as one holding. However, two or more separate agricultural units, i.e., not operated as one technical unit even if belonging to the same owner were considered as separate holdings.

Area of the holding

The area of the holding was made up of the total of arable land, land under permanent crops, land under permanent meadows and pastures, wood or forest land and all other land. Size classification of holdings is based on the total area of the holding.

1 - LAND UTILIZATION

Arable land

This includes land under temporary crops (e.g., wheat, barley, rice, sunflower, peanuts, sugarcane, etc.), and horticultural land (e.g., potatoes, pulses, sweet potatoes and vegetables). Land under artificial pastures (forage crops for grazing, cutting or for the production of seed or grain purposes) is also included here. Arable land includes also land temporarily fallow, i.e., land not cultivated at the census date but which was cultivated at least two years before the census.

Land under permanent crops

This includes land under fruit trees and grapes, olives, small cultivated fruits, strawberries, etc.

Permanent meadows and pastures

This category includes natural meadows or natural grassland.

Wood or forest land

This includes all land with artificial forest trees or planted wood areas for obtaining firewood, for shade, or other purposes.

All other land

This includes all unproductive land for agricultural purposes, i.e., swampland, sandy land, rocky land, areas under roads, etc.

2 - CROPS

For crops grown successively on the same land the aggregate area was reported. Data for potatoes include area and production of the spring season of 1960 and the autumn season of 1961.

URUGUAY

3 - LIVESTOCK AND POULTRY

Data for livestock and poultry refer to the number of animals on the holding as at 29 May 1961.

4 - EMPLOYMENT IN AGRICULTURE

Figures refer to persons working on the holding the week preceding the census. Housework is excluded.

5 - FARM POPULATION

Data refer to all persons living on the holding the week preceding the census.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Figures for agricultural machinery refer to machines on the holding at the census date.

* * *

SOURCES: Uruguay. Ministerio de Ganadería y Agricultura. Dirección de Agronomía. Departamento de Economía Rural. División Estadística y Censos. *Censo General Agropecuario 1961*. Montevideo, 1963. For data on 1950 see FAO. *Report on the 1950 World Census of Agriculture*. Volume 1, *Census results by countries*. Rome, 1955.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

URUGUAY

Not classified by size of holding

0 - HOLDER, HOLDING AND TENURE

Number and area of holdings

Number	86 928
Area	16 988 408

Number and area of holdings, by tenure

Holdings operated under one form of tenure
 Holdings owned by the holder or in ownerlike possession

Number	43 350
Area	7 563 852

Holdings rented from others

Number	28 961
Area	4 892 329

Holdings operated under other single forms of tenure

Number	6 894
Area	544 301

Holdings operated under more than one form of tenure

Number	7 723
Area	3 987 926

Area in holdings, by tenure

Area owned by the holder or in ownerlike possession	9 794 207
Area rented from others	6 876 393
Area operated under other forms of tenure	317 808

1 - LAND UTILIZATION

Utilization of land in holdings (area)

Arable land (total)	2 194 890
Temporary crops	(1 126 404)
Horticultural land	(60 713)
Artificial pastures	(609 638)
Temporarily fallow	(398 135)
Land under permanent crops	56 819
Permanent meadows and pastures	13 847 317
Wood or forest land	592 638
All other land	296 744

2 - CROPS - AREA¹ AND PRODUCTION

Crops on arable land

Wheat

Number of holdings reporting	16 733
Area	506 248
Production	419 996

Rye

Number of holdings reporting	100
Area	565
Production	427

Rice

Number of holdings reporting	125
Area sown	17 790
Of which:	
Irrigated	(17 502)
Area	17 362
Production	60 866

Millet

Number of holdings reporting	1 858
Area	2 935
Production	1 127

Maize

Number of holdings reporting	53 024
Area	269 295
Production	223 723

Barley for brewery

Number of holdings reporting	2 475
Area	30 834
Production	22 835

Broad beans

Number of holdings reporting	3 212
Area ²	347
Production	887

Edible dry beans

Number of holdings reporting	11 848
Area ²	5 851
Production	3 756

String beans

Number of holdings reporting	1 311
Area ²	337
Production	1 415

Lentils

Number of holdings reporting	197
Area ²	77
Production	29

Chick-peas

Number of holdings reporting	345
Area ²	27
Production	20

Peas

Number of holdings reporting	3 344
Area ²	1 124
Production	1 524

Chickling vetch (*Lathyrus sativus*)

Number of holdings reporting	1 778
Area ²	561
Production	454

Potatoes

Number of holdings reporting	26 035
Area ²	15 755
Production	88 421

Sweet potatoes

Number of holdings reporting	33 219
Area ²	15 361
Production	86 571

Onions

Number of holdings reporting	12 746
Area ²	2 412
Production	13 006

Garlic

Number of holdings reporting	9 157
Area ²	871
Production	2 234

¹ Area harvested, unless otherwise specified. - ² Area under crop.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

URUGUAY

Not classified by size of holding

Sugarcane		Subterranean clover	
Number of holdings reporting	67	Number of holdings reporting	216
Area sown	4 756	Area ²	7 846
Of which:		Fescue	
Irrigated	(4 322)	Number of holdings reporting	266
Area	3 747	Area ²	7 140
Production	105 102	Other fodder crops ⁴	
Sugar beets		Area ³	64 157
Number of holdings reporting	2 786	Cabbage and cauliflower	
Area	8 564	Number of holdings reporting	1 939
Production	155 214	Area ²	500
Cotton		Production	3 390
Number of holdings reporting	249	Artichokes	
Area	658	Number of holdings reporting	102
Production	489	Area ²	122
Flax for fiber		Production	249
Number of holdings reporting	5 552	Asparagus	
Area	122 108	Number of holdings reporting	50
Production	67 844	Area ²	32
Groundnuts (peanuts)		Production	219
Number of holdings reporting	2 335	Lettuce	
Area	6 845	Number of holdings reporting	2 487
Production	6 924	Area ²	693
Sunflower		Production	2 553
Area	129 868	Spinach	
Production	58 137	Number of holdings reporting	737
Tobacco		Area ²	237
Number of holdings reporting	184	Production	536
Area	251	Leeks	
Production	237	Number of holdings reporting	405
Wheat for forage		Area ²	100
Number of holdings reporting	794	Production	266
Area ²	19 515	Chart	
Maize for forage		Number of holdings reporting	1 873
Number of holdings reporting	913	Area ²	367
Area ²	4 825	Production	2 058
Barley for forage		Melons, watermelons and cucumbers	
Area ²	21 348	Number of holdings reporting	3 165
Oats for forage		Area ²	1 901
Number of holdings reporting	20 191	Production	8 812
Area ²	282 395	Squash	
Canary seed for forage		Number of holdings reporting	15 922
Number of holdings reporting	176	Area ²	7 626
Area ²	2 500	Production	36 957
Alfalfa		Little squash	
Number of holdings reporting	5 153	Number of holdings reporting	2 641
Area ²	42 361	Area ²	494
Ryegrass and red clover (mixed)		Production	2 764
Number of holdings reporting	492	Tomatoes	
Area ²	15 465	Number of holdings reporting	5 870
Sudan grass		Area ²	2 908
Number of holdings reporting	3 376	Production	20 723
Area ²	51 523	Chilies and sweet peppers	
Ryegrass		Number of holdings reporting	1 989
Number of holdings reporting	2 850	Area ²	641
Area ²	100 861	Production	3 262

² Area under crop. - ³ Area sown. - ⁴ Including mixed fodder crops.

Area: in hectares
Production: in metric tons
(unless otherwise specified)

URUGUAY

Not classified by size of holding

Beets (red)			Quinces		
Number of holdings reporting	636		Number of holdings reporting	3 988	
Area ²	147		Total number of trees	621 173	
Production	1 527		Of productive age	(443 475)	
			Of nonproductive age	(177 698)	
			Production	5 833	
Carrots			Apricots		
Number of holdings reporting	4 677		Number of holdings reporting	2 220	
Area ²	1 781		Total number of trees	29 555	
Production	9 423		Of productive age	(20 920)	
			Of nonproductive age	(8 635)	
			Production	208	
Turnips			Cherries (sweet)		
Number of holdings reporting	543		Number of holdings reporting	336	
Area ²	136		Total number of trees	6 236	
Production	530		Of productive age	(3 429)	
			Of nonproductive age	(2 807)	
			Production	34	
Corn (sweet)			Cherries (sour)		
Number of holdings reporting	2 301		Number of holdings reporting	44	
Area ²	1 035		Total number of trees	700	
Production	2 094		Of productive age	(420)	
			Of nonproductive age	(280)	
			Production	1	
Other crops on arable land			Peaches		
Area ²	1 529		Number of holdings reporting	13 843	
			Total number of trees	2 282 458	
			Of productive age	(1 443 179)	
			Of nonproductive age	(839 279)	
			Production	16 359	
Permanent crops			Plums		
Oranges ²			Number of holdings reporting	8 266	
Number of holdings reporting	15 654		Total number of trees	468 835	
Total number of trees	2 114 043		Of productive age	(358 385)	
Of productive age	(1 541 982)		Of nonproductive age	(110 450)	
Of nonproductive age	(572 061)		Production	5 145	
Production	35 377		Figs		
			Number of holdings reporting	5 441	
			Total number of trees	58 146	
			Of productive age	(45 215)	
			Of nonproductive age	(12 931)	
			Production	929	
Mandarines			Strawberries		
Number of holdings reporting	11 229		Number of holdings reporting	208	
Total number of trees	1 082 083		Number of plants	1 804 585	
Of productive age	(855 335)		Production	153	
Of nonproductive age	(226 748)		Raspberries		
Production	22 135		Number of holdings reporting	20	
			Total number of plants	549	
			Of productive age	(313)	
			Of nonproductive age	(236)	
Lemons			Grapes		
Number of holdings reporting	13 156		Total area	18 899	
Total number of trees	399 953		<i>Grapes for wine</i>		
Of productive age	(291 279)		Number of holdings reporting	7 938	
Of nonproductive age	(108 674)		Total number of vines	78 481 408	
Production	5 837		Of productive age	(73 887 422)	
			Of nonproductive age	(4 593 986)	
			Production	110 391	
Grapefruit			<i>Grapes for table use</i>		
Number of holdings reporting	1 694		Number of holdings reporting	4 211	
Total number of trees	89 159		Total number of vines	3 650 790	
Of productive age	(51 280)		Of productive age	(2 594 990)	
Of nonproductive age	(37 879)		Of nonproductive age	(1 055 800)	
Production	1 037		Production	4 266	
Other citrus trees					
Number of holdings reporting	380				
Total number of trees	27 146				
Of productive age	(14 258)				
Of nonproductive age	(12 888)				
Production	320				
Apples ²					
Number of holdings reporting	6 128				
Total number of trees	1 770 292				
Of productive age	(1 420 976)				
Of nonproductive age	(349 316)				
Production	22 638				
Pears					
Number of holdings reporting	7 016				
Total number of trees	379 585				
Of productive age	(283 650)				
Of nonproductive age	(95 935)				
Production	4 299				

²Area under crop. - ³Data refer to all varieties of oranges except for the "Number of holdings reporting," which refers to "Common" variety only. - ⁴Data refer to all varieties of apples except for the "Number of holdings reporting," which refers to "Delicious" variety only.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

URUGUAY

Not classified by size of holding

Olives

Number of holdings reporting	1 872
Total number of trees	211 314
Of productive age	(98 704)
Of nonproductive age	(112 610)
Production	1 692

Other permanent crops

Number of holdings reporting	82
Total number of plants	102 588
Of productive age	(94 179)
Of nonproductive age	(8 409)

3 - LIVESTOCK AND POULTRY

Horses, mules and asses

Horses

Number of horses	498 097
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Mules and asses

Number of mules and asses	4 697
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Cattle

Number of holdings reporting	73 528
Total number of cattle	8 792 428
Male	(3 173 575)
Female	(5 618 853)
Calves under 1 year of age	1 771 083
Male	(869 809)
Female	(901 274)
Steers 1 year of age and over	2 024 225
Young bulls 1 year of age and up to 2 ..	58 207
Bulls	118 973
Heifers and cows in calf	3 179 061
Heifers not in calf up to 3 years of age ..	1 133 758
Other cows	404 760
Oxen	102 361
Milk production (liters) ⁷	1 506 715
Cheese production ⁸	7 346
Cream production ⁸	1 055
Butter production ⁸	253

Sheep

Number of holdings reporting	37 773
Total number of sheep ⁹	21 737 862
Lambs under 1 year of age	841 291
Sheep 1 year of age and over	20 896 571
Male	(8 409 998)
Female	(12 486 573)
Number of sheep clipped ¹⁰	23 339 269
Wool production (grease)	70 135

Goats

Number of goats	10 461
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Pigs

Total number of pigs	383 357
Pigs under 6 months of age	(146 169)
Pigs 6 months of age and over	(237 188)

Poultry and rabbits

Number of hens, cocks, pullets and chicks ..	4 839 321
Number of turkeys	122 426
Number of rabbits	15 492
Egg production ¹¹ (in thousands)	756

4 - EMPLOYMENT IN AGRICULTURE

Persons employed in agricultural work on the holding the week preceding the census

All persons	210 740
Males	159 866
Under 14 years of age	(7 306)
14 years of age and over	(152 560)
Females	50 874
Under 14 years of age	(3 883)
14 years of age and over	(46 991)

5 - FARM POPULATION

Persons living on the holding the week preceding the census

All persons ¹²	389 850
Males	220 761
Under 14 years of age	(57 689)
14 years of age and over	(163 072)
Females	169 089
Under 14 years of age	(52 212)
14 years of age and over	(116 877)

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Selected agricultural equipment on the holding (number)

Internal combustion motors	7 454
Windmills	14 111
Electric generators	39 041
Electric motors	5 850
Tractors (total)	24 695
Less than 18 hp	(6 203)
18 hp and less than 25 hp	(6 346)
25 hp and over	(12 146)
Plows	137 977
Disk tillers	4 673
Disk harrows and tooth harrows	86 943
Broadcast seeders	4 248
Seed drills	7 111
Cultivators	26 789
Fertilizer distributors	1 763
Sprayers and dusters	13 407
Mowers	7 359
Binders	3 155
Combines (harvester-threshers)	5 406
Of which:	
Tractor-operated	(2 073)
Self-propelled	(2 873)

⁷ Milk produced the day before the census. - ⁸ Production obtained during the last 12 months. - ⁹ At 29 May 1961. - ¹⁰ During the period October-December 1960 (including lambs). - ¹¹ Obtained the day before the census enumeration. - ¹² Holders, members of their families, and other persons living on the holding.

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

URUGUAY

Not classified by size of holding

Threshers	503
Hay balers	819
Hay rakes	4 518
Forage mills	2 190
Winnowers	436
Corn shellers	24 711
Milking machines	1 180
Cream separators	6 560
Shearing equipment	2 514
Incubators	1 829
Carts	68 230
Trailers	3 788
Trucks and pickups	17 023
Automobiles	10 471

7 - IRRIGATION AND DRAINAGE

Land actually irrigated	
Area	26 646

8 - FERTILIZERS AND SOIL DRESSINGS

Application of organic and inorganic fertilizers

Area treated	190 952
Organic fertilizers	
Lime	
Amount applied (metric tons)	8 329
Guano	
Amount applied (metric tons)	10 646
Inorganic fertilizers	
Nitrogenous	
Amount applied (metric tons)	1 336
Phosphate	
Amount applied (metric tons)	32 865
Mixed inorganic fertilizers	
Amount applied (metric tons)	19 817
Other fertilizers	
Amount applied (metric tons)	8 088
Unspecified fertilizers	
Amount applied (metric tons)	12 158

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION E

	All sizes of holdings	1 and under 5 ha	5 and under 10 ha	10 and under 20 ha	20 and under 50 ha
0 - HOLDER, HOLDING AND TENURE					
Number and area of holdings					
Number	86 928	12 769	13 028	14 032	15 715
Percentage distribution	100.0	14.7	15.0	16.1	18.1
Area	16 988 408	33 846	88 552	197 048	495 487
Percentage distribution	100.0	0.2	0.5	1.2	2.9
Area in holdings, by tenure					
Area owned by the holder or in ownerlike possession ..	9 794 207	21 475	54 329	104 967	251 201
Area rented from others	6 876 393	7 607	26 730	77 801	213 257
Area under other forms of tenure	317 808	4 764	7 493	14 280	31 029
1 - LAND UTILIZATION					
Utilization of land in holdings (area)					
Arable land (total)	2 194 890	13 236	39 006	90 832	194 768
Temporary crops	(1 126 404)	(6 462)	(21 567)	(59 514)	(135 657)
Horticultural land	(60 713)	(4 311)	(9 406)	(12 914)	(13 171)
Artificial pastures	(609 638)	(1 333)	(4 637)	(11 548)	(29 217)
Temporarily fallow	(398 135)	(1 130)	(3 396)	(6 856)	(16 723)
Land under permanent crops	56 819	4 443	11 994	11 619	9 608
Permanent meadows and pastures	13 847 317	14 268	33 121	85 477	269 140
Wood or forest land	592 638	1 249	3 064	6 756	16 147
All other land	296 744	650	1 367	2 364	5 824
2 - CROPS - AREA¹ AND PRODUCTION					
Crops on arable land					
Wheat					
Area	520 498	280	1 963	10 828	39 972
Production	419 996	264	1 851	9 370	34 194
Maize					
Area	284 480	6 333	18 204	38 398	66 869
Production	223 723	4 815	13 731	29 504	52 085
Barley for brewery					
Area	31 868	45	360	1 261	4 922
Production	22 835	49	285	1 027	3 640
Edible dry beans					
Area ²	5 851	224	732	1 026	1 134
Production	3 756	175	521	769	711
Potatoes					
Area ²	15 755	860	2 000	3 169	3 912
Production	88 421	4 020	10 615	18 639	25 322
Sweet potatoes					
Area ²	15 361	1 326	2 228	3 089	3 327
Production	86 571	7 094	13 230	18 984	18 910
Flax for fiber					
Area	124 830	106	457	1 769	7 393
Production	67 844	72	309	1 122	4 365
Sunflower					
Area	143 840	133	864	3 569	11 742
Production	58 137	73	462	1 708	5 655
Oats for forage					
Area	282 395	847	2 123	5 197	15 775
Alfalfa					
Area	42 361	3 478	1 596	3 347	3 335
Sudan grass					
Area	51 523	122	162	513	2 471

¹ Area sown unless otherwise specified. - ² Area under crop.

URUGUAY

Classified by size of holding

TAL AREA OF HOLDING

50 and under 100 ha	100 and under 200 ha	200 and under 500 ha	500 and under 1 000 ha	1 000 and under 2 500 ha	2 500 ha and over	
						0 - HOLDER, HOLDING AND TENURE
						Number and area of holdings
						Number
9 490	7 387	6 986	3 712	2 587	1 222	Percentage distribution
10.9	8.5	8.0	4.3	3.0	1.4	Area
674 365	1 041 988	2 174 181	2 608 955	3 994 195	5 679 791	Percentage distribution
4.0	6.1	12.8	15.4	23.5	33.4	Area in holdings, by tenure
						Area owned by the holder or in ownerlike possession
330 676	477 682	1 051 434	1 338 948	2 282 303	3 881 192	Area rented from others
314 966	525 639	1 059 637	1 226 857	1 667 072	1 756 827	Area under other forms of tenure
28 723	38 667	63 110	43 150	44 820	41 772	
						1 - LAND UTILIZATION
						Utilization of land in holdings (area)
						Arable land (total)
212 996	272 973	391 897	286 513	328 475	364 194	Temporary crops
(141 482)	(181 217)	(234 329)	(140 980)	(119 053)	(86 143)	Horticultural land
(6 433)	(4 436)	(4 473)	(2 139)	(2 196)	(1 234)	Artificial pastures
(44 970)	(59 729)	(101 325)	(86 636)	(121 034)	(149 209)	Temporarily fallow
(20 111)	(27 591)	(51 770)	(56 758)	(86 192)	(127 608)	Land under permanent crops
4 761	3 748	3 560	2 238	3 691	1 157	Permanent meadows and pastures
426 483	715 731	1 663 413	2 190 962	3 455 232	4 993 490	Wood or forest land
21 292	31 911	74 911	86 756	133 984	216 568	All other land
8 833	17 625	40 400	42 486	72 813	104 382	
						2 - CROPS - AREA¹ AND PRODUCTION
						Crops on arable land
						Wheat
						Area
60 756	92 174	126 042	77 528	65 916	45 039	Production
50 826	75 146	102 900	62 059	50 388	32 998	
						Maize
						Area
43 247	33 692	31 543	17 782	16 138	12 274	Production
35 708	28 321	25 348	14 575	11 673	7 963	
						Barley for brewery
						Area
6 103	6 895	7 206	2 273	1 945	858	Production
4 725	4 932	4 760	1 767	1 120	530	
						Edible dry beans
						Area ²
677	559	619	311	337	232	Production
407	321	359	181	197	115	
						Potatoes
						Area ²
2 003	1 151	1 093	672	612	283	Production
12 863	5 915	4 862	2 641	2 446	1 098	
						Sweet potatoes
						Area ²
1 625	1 171	1 073	639	530	353	Production
8 946	6 336	5 692	2 914	2 775	1 690	
						Flax for fiber
						Area
14 583	23 701	31 890	21 247	14 920	8 764	Production
8 447	12 846	17 633	10 828	7 407	4 815	
						Sunflower
						Area
16 454	24 997	36 031	20 032	16 177	13 841	Production
7 927	11 212	13 676	7 510	5 856	4 058	
						Oats for forage
						Area
22 742	29 789	47 583	41 201	53 164	63 974	
						Alfalfa
						Area
2 619	2 677	5 313	6 047	7 086	6 863	
						Sudan grass
						Area
5 411	7 500	9 348	7 252	7 301	11 443	

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	1 and under 5 ha	5 and under 10 ha	10 and under 20 ha	20 and under 50 ha
Ryegrass					
Area	100 861	13	53	327	1 827
Squash					
Area ²	6 626	310	693	1 251	1 633
Production	36 957	6 617	3 235	5 692	7 443
Tomatoes					
Area ²	2 908	267	774	1 106	555
Production	20 723	2 557	6 513	6 201	3 913
Permanent crops					
Oranges ³					
Number of trees of productive age	795 995	41 938	76 620	111 269	199 183
Production	22 820	1 158	1 738	2 891	5 489
Mandarines					
Number of trees of productive age	855 335	16 246	52 085	164 627	273 598
Production	22 135	370	1 282	3 676	6 853
Apples ⁴					
Number of trees of productive age	805 599	59 350	226 706	247 486	128 724
Production	12 435	813	3 184	2 901	1 995
Peaches					
Number of trees of productive age	1 443 179	128 640	445 368	404 275	262 076
Production	16 360	1 581	4 801	3 873	2 743
Grapes					
Area	18 899	2 541	6 246	5 024	2 650
Grapes for wine					
Number of vines of productive age	73 887 422	10 492 866	25 694 067	19 803 367	9 948 112
Production	110 391	15 790	37 882	29 041	14 383
3 - LIVESTOCK AND POULTRY					
Cattle					
Total number of cattle	8 792 428	25 637	47 928	98 249	243 676
Male	(3 173 575)	(7 334)	(15 922)	(33 723)	(76 352)
Female	(5 618 853)	(18 303)	(32 006)	(64 526)	(167 324)
Calves under 1 year of age	1 771 083	8 527	13 548	25 582	58 833
Male	(869 809)	(4 258)	(6 622)	(12 504)	(27 557)
Female	(901 274)	(4 269)	(6 926)	(13 078)	(31 276)
Steers 1 year of age and over	2 024 225	939	2 301	5 947	20 239
Young bulls 1 year of age and up to 2	58 207	201	434	1 110	2 703
Bulls	118 973	81	366	1 121	4 295
Heifers and cows in calf	3 179 061	11 911	20 457	41 081	104 204
Heifers not in calf up to 3 years of age	1 133 758	1 386	3 156	7 733	24 336
Other cows	404 760	737	1 467	2 634	7 508
Oxen	102 361	1 855	6 199	13 041	21 558
Sheep					
Total number of sheep ⁵	21 737 862	17 268	37 194	95 572	379 488
Lambs under 1 year of age	841 291	520	688	1 733	8 437
Sheep 1 year of age and over	20 896 571	16 748	36 506	93 839	371 051
Male	(8 409 998)	(4 345)	(9 284)	(24 441)	(115 115)
Female	(12 486 573)	(12 403)	(27 222)	(69 398)	(255 936)
Number of sheep clipped ⁶	23 339 269	15 178	33 840	90 643	372 423
Wool production (grease)	70 135	44	95	249	1 016
4 - EMPLOYMENT IN AGRICULTURE					
Persons employed in agricultural work on the holding the week preceding the census					
All persons	210 740	19 822	23 260	27 574	33 306
Males	159 866	14 046	16 796	19 522	23 939
Under 14 years of age	(7 306)	(633)	(780)	(944)	(1 258)
14 years of age and over	(152 560)	(13 413)	(16 016)	(18 578)	(22 681)
Females	50 874	5 776	6 464	8 052	9 367
Under 14 years of age	(3 883)	(318)	(411)	(631)	(689)
14 years of age and over	(46 991)	(5 458)	(6 053)	(7 421)	(8 678)

² Area under crop. - ³ Data refer to "Common" variety only. - ⁴ Data refer to the "Delicious" variety only. - ⁵ As at 29 May 1961. - ⁶ Duri the period October-December 1960 (including lambs).

URUGUAY

Classified by size of holding

TAL AREA OF HOLDING

50 and under 100 ha	100 and under 200 ha	200 and under 500 ha	500 and under 1 000 ha	1 000 and under 2 500 ha	2 500 ha and over	
						Ryegrass
5 795	8 469	17 986	14 608	23 666	28 117	Area
						Squash
797	608	556	300	284	194	Area ²
3 855	2 987	3 150	1 630	1 418	930	Production
						Tomatoes
92	43	30	6	24	11	Area ²
618	208	243	86	339	45	Production
						Permanent crops
						Oranges ³
						Number of trees of productive age
114 917	85 549	65 694	29 467	49 970	21 388	Production
3 547	2 719	2 219	1 052	1 297	710	
						Mandarines
						Number of trees of productive age
125 748	87 883	57 748	27 636	36 617	13 147	Production
3 283	2 320	1 917	474	1 533	427	
						Apples ⁴
						Number of trees of productive age
45 858	34 487	37 513	21 600	2 585	1 290	Production
888	836	889	873	29	27	
						Peaches
						Number of trees of productive age
85 479	50 185	29 838	17 277	13 625	6 416	Production
1 139	919	645	355	183	121	
						Grapes
						Area
1 021	639	474	99	134	71	Grapes for wine
						Number of vines of productive age
3 688 255	2 124 069	1 252 535	261 480	419 560	203 111	Production
5 790	2 900	2 474	459	1 423	249	
						3 - LIVESTOCK AND POULTRY
						Cattle
						Total number of cattle
330 888	494 210	1 091 245	1 369 081	2 118 038	2 974 176	Male
(96 580)	(153 862)	(379 737)	(516 159)	(795 998)	(1 097 908)	Female
(233 608)	(340 348)	(711 508)	(852 922)	(1 322 040)	(1 876 268)	Calves under 1 year of age
76 831	109 739	220 470	267 359	410 496	579 698	Male
(35 779)	(52 007)	(106 837)	(131 775)	(204 059)	(288 411)	Female
(41 052)	(57 732)	(113 633)	(135 584)	(206 437)	(291 287)	Steers 1 year of age and over
40 292	81 100	244 040	355 037	542 665	731 665	Young bulls 1 year of age and up to 2
2 307	3 108	4 717	6 355	14 108	23 164	Bulls
5 517	6 572	11 180	14 853	27 414	47 574	Heifers and cows in calf
145 006	203 698	412 344	477 831	731 209	1 031 320	Heifers not in calf up to 3 years of age
37 026	61 763	140 913	175 688	281 095	400 662	Other cows
10 524	17 155	44 618	63 819	103 299	152 999	Oxen
12 685	11 075	12 963	8 139	7 752	7 094	
						Sheep
						Total number of sheep ⁵
727 753	1 263 143	2 921 065	3 789 021	5 573 011	6 934 347	Lambs under 1 year of age
20 499	38 465	82 500	120 070	218 938	349 441	Sheep 1 year of age and over
707 254	1 224 678	2 838 565	3 668 951	5 354 073	6 584 906	Male
(247 879)	(471 940)	(1 161 674)	(1 513 550)	(2 239 596)	(2 622 174)	Female
(459 375)	(752 738)	(1 676 891)	(2 155 401)	(3 114 477)	(3 962 732)	Number of sheep clipped ⁶
714 547	1 303 986	3 049 737	4 042 966	5 987 624	7 728 325	Wool production (grease)
1 993	3 682	9 027	12 298	18 394	23 337	
						4 - EMPLOYMENT IN AGRICULTURE
						Persons employed in agricultural work on the holding the week preceding the census
						All persons
21 844	18 717	20 679	13 225	15 915	16 398	Males
16 171	14 058	16 332	10 936	13 277	14 789	Under 14 years of age
(898)	(800)	(696)	(431)	(606)	(260)	14 years of age and over
(15 273)	(13 258)	(15 636)	(10 505)	(12 671)	(14 529)	Females
5 673	4 659	4 347	2 289	2 638	1 609	Under 14 years of age
(405)	(379)	(371)	(190)	(374)	(115)	14 years of age and over
(5 268)	(4 280)	(3 976)	(2 099)	(2 264)	(1 494)	

Area: in hectares
 Production: in metric tons
 (unless otherwise specified)

SIZE CLASSIFICATION B

	All sizes of holdings	1 and under 5 ha	5 and under 10 ha	10 and under 20 ha	20 and under 50 ha
5 - FARM POPULATION					
Persons living on the holding the week preceding the census					
All persons ⁷	389 850	45 858	47 939	54 498	63 324
Males	220 761	23 593	25 325	28 757	34 223
Under 14 years of age	(57 689)	(7 321)	(7 472)	(8 229)	(9 586)
14 years of age and over	(163 072)	(16 272)	(17 853)	(20 528)	(24 637)
Females	169 089	22 265	22 614	25 741	29 101
Under 14 years of age	(52 212)	(7 062)	(6 759)	(7 845)	(8 687)
14 years of age and over	(116 877)	(15 203)	(15 855)	(17 896)	(20 414)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES					
Selected agricultural equipment on the holding (number)					
Electric and internal combustion motors ⁸	13 304	1 346	1 677	1 337	1 249
Electric generators	39 041	2 684	3 326	4 621	6 634
Tractors	24 695	530	1 306	2 035	3 567
Plows	137 977	10 246	16 480	21 135	27 044
Disk tillers	4 673	67	93	166	291
Disk harrows and tooth harrows	86 943	6 527	10 474	12 553	15 825
Seed drills ⁹	11 359	89	178	462	1 509
Sprayers and dusters	13 407	1 510	3 395	2 686	1 697
Mowers	7 359	379	877	1 298	1 248
Binders	3 155	23	119	210	891
Combines (harvester-threshers) ¹⁰	5 406	35	78	122	439
threshers	503	12	14	56	78
Hay rakes	4 518	141	425	809	756
Corn shellers	24 711	609	1 554	3 346	5 468
Shearing equipment	2 514	50	44	40	104
Carts	68 230	4 088	6 037	8 152	11 844
Trailers	3 788	43	159	207	337
Trucks and pickups	17 023	1 407	1 760	1 533	1 836

⁷ Holders, members of their families, and other persons living on the holding. - ⁸ Includes 7,454 internal combustion motors and 5,850 electric motors. - ⁹ Includes 7,111 seed drills and 4,248 broadcast seeders. - ¹⁰ Of which: tractor-operated 2,073; self-propelled 2,873.

URUGUAY

Classified by size of holding

TAL AREA OF HOLDING

50 and under 100 ha	100 and under 200 ha	200 and under 500 ha	500 and under 1 000 ha	1 000 and under 2 500 ha	2 500 ha and over	
						5 - FARM POPULATION
						Persons living on the holding the week preceding the census
						All persons ⁷
39 333	32 145	36 194	21 537	23 633	25 389	Males
21 791	18 206	21 602	13 725	15 904	17 635	Under 14 years of age
(5 949)	(4 663)	(4 825)	(2 942)	(3 341)	(3 361)	14 years of age and over
(15 842)	(13 543)	(16 777)	(10 783)	(12 563)	(14 274)	Females
17 542	13 939	14 592	7 812	7 729	7 754	Under 14 years of age
(5 172)	(4 150)	(4 100)	(2 633)	(2 728)	(3 076)	14 years of age and over
(12 370)	(9 789)	(10 492)	(5 179)	(5 001)	(4 678)	
						6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
						Selected agricultural equipment on the holding (number)
						Electric and internal combustion motors ⁸
1 054	981	1 498	1 203	1 556	1 403	Electric generators
5 170	4 651	4 935	2 934	2 401	1 685	Tractors
3 716	3 646	3 849	2 240	2 079	1 727	Plows
17 376	14 039	13 640	7 851	6 308	3 858	Disk tillers
514	773	1 084	644	586	455	Disk harrows and tooth harrows
11 223	9 719	9 333	4 852	4 026	2 411	Seed drills ⁹
2 057	2 035	2 008	1 095	1 022	904	Sprayers and dusters
794	596	862	557	718	592	Mowers
789	635	741	455	490	447	Binders
719	435	405	207	71	75	Combines (harvester-threshers) ¹⁰
708	1 073	1 247	689	566	449	Threshers
86	79	65	40	39	34	Hay rakes
525	453	534	324	302	249	Corn shellers
3 796	2 952	2 862	1 786	1 459	879	Shearing equipment
116	160	413	483	511	593	Carts
8 691	7 604	8 187	5 348	4 741	3 538	Trailers
345	397	600	478	669	553	Trucks and pickups
1 843	1 986	2 543	1 673	1 487	955	

Area: in hectares
Production: in metric tons
(unless otherwise specified)

SELECTED DATA FROM CENSUSES
OF 1951 AND 1961

URUGUAY

	1951	1961		1951	1961
0 - HOLDER, HOLDING AND TENURE			2 - CROPS - AREA AND PRODUCTION		
Number and area of holdings, by size			Crops on arable land		
All sizes of holdings			Wheat		
Number	85 258	86 928	Area ²	510 733	520 498
Area	16 973 632	16 988 408	Production	443 575	419 996
Holdings 1 and under 5 ha			Maize		
Number	10 953	12 769	Area ³	352 604	284 480
Area	29 125	33 846	Production	278 458	223 723
Holdings 5 and under 10 ha			Potatoes		
Number	11 117	13 028	Area ³	19 304	15 755
Area	76 660	88 552	Production	87 901	88 421
Holdings 10 and under 20 ha			Flax for fiber		
Number	13 771	14 032	Area ²	159 697	124 830
Area	192 891	197 048	Production	93 600	67 844
Holdings 20 and under 50 ha			Sunflower		
Number	16 910	15 715	Area ³	189 350	143 840
Area	535 014	495 487	Production	118 333	58 137
Holdings 50 and under 100 ha			Permanent crops		
Number	10 375	9 490	Oranges		
Area	732 440	674 365	Number of trees of productive age	2 673 444	¹ 541 982
Holdings 100 and under 200 ha			Production	35 129	35 377
Number	7 814	7 387	Peaches		
Area	1 103 618	1 041 988	Number of trees of productive age	3 394 898	1 443 179
Holdings 200 and under 500 ha			Production	31 745	16 359
Number	7 241	6 986	Grapes for wine		
Area	2 272 014	2 174 181	Number of vines	78 241 011	78 481 408
Holdings 500 and under 1 000 ha			Production	122 926	110 391
Number	3 475	3 712			
Area	2 443 977	2 608 955	3 - LIVESTOCK AND POULTRY		
Holdings 1 000 and under 2 500 ha			Horses, mules and asses		
Number	2 452	2 587	Horses		
Area	3 809 704	3 994 195	Number of horses	667 251	498 097
Holdings 2 500 ha and over			Mules and asses		
Number	1 150	1 222	Number of mules and asses	8 642	4 697
Area	5 778 189	5 679 791	Cattle		
Average size of holding	199.1	195.4	Number of cattle	8 154 109	8 792 428
Number and area of holdings, by tenure ¹			Sheep		
Holdings operated under one form of tenure			Number of sheep	23 408 642	21 737 862
Holdings owned by the holder or in ownerlike possession			Goats		
Number	42 840	43 350	Number of goats	19 471	10 461
Area	6 837 369	7 563 852	Pigs		
Holdings rented from others			Number of pigs	258 980	383 357
Number	29 611	28 961			
Area	5 579 675	4 892 329	6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES		
Holdings operated under other single forms of tenure			Selected agricultural equipment on the holding (number)		
Number	3 112	6 894	Electric generators	24 286	39 041
Area	140 288	544 301	Tractors	13 258	24 695
Holdings operated under more than one form of tenure			Combines (harvester-threshers) .	1 118	5 406
Number	9 695	7 723			
Area	4 416 300	3 987 926	7 - IRRIGATION AND DRAINAGE		
Area in holdings, by tenure ¹			Land actually irrigated		
Area owned by the holder or in ownerlike possession	9 204 556	9 794 207	Area	16 160	26 646
Area rented from others	7 606 887	6 876 393			
Area operated under other forms of tenure	162 189	317 808			
1 - LAND UTILIZATION					
Utilization of land in holdings					
Arable land	1 986 005	2 194 890			
Land under permanent crops	55 518	56 819			
Permanent meadows and pastures ..	13 966 739	13 847 317			
Wood or forest land	485 737	592 638			
All other land	479 633	296 744			

¹ In the 1951 Census, holdings were classified according to the form of tenure under which the largest part of the land was held, in cases where the holding had more than one form of tenure. - ² Area sown. - ³ Area under crop. - ⁴ Data refer to "Common" variety only.

Date of the census and time reference

The census enumeration of collective holdings was carried out from 1 to 10 March 1960 and that of individual (private) holdings from 15 to 31 May 1960.

For collective holdings, data on employment in agriculture, number of trees and livestock and poultry refer to the conditions existing at the end of 1959. Data on land area refer to 31 May 1959, while information on crop areas refers to the area harvested during the year 1959.

For individual (private) holdings information refers to the conditions as at the date of enumeration.

Method of collection and processing of census data

The agricultural census of individual (private) holdings was carried out through direct interview of holders on the questions included in the main census questionnaire. Additional data were collected on the basis of a 5 percent sample of holdings. Sampling methods were also applied in the 1959 pilot survey (10,000 holdings selected) and in the postenumeration checking survey (about 2,500 holdings selected). In the latter, objective measurements of areas were conducted together with a count of livestock and trees, using cadastral material and other available documentation. Collective holdings were enumerated on the basis of a mailed questionnaire. Initial enumeration controls of data collected were carried out at the village and municipal levels. Processing was done by electronic computers at the Federal Institute of Statistics.

Scope and definition of items

0 - HOLDER, HOLDING AND TENURE

Holder

The holder was defined, for census purposes, as a member of a household organizing and directing the production and utilization of agricultural products, regardless of his (her) age, main occupation and ownership rights over the land.

In the case of several persons jointly operating the holding, only the name of the person mainly responsible for its operation was recorded.

Holding

An *individual (private) agricultural holding* was defined as (a) an area of at least 1,000 m² of cultivable land which was used and cultivated at the census date under the direct management of an individual producer; (b) an area having less than 1,000 m² of cultivable land if used for the cultivation and production for sale of vegetables, flowers, aromatic plants and spices, medicinal plants, tobacco and poppy seed; and (c) each household having cultivated land of less than 1,000 m², with at least 1 cow and a calf or heifer, 5 sheep or 3 pigs, or both 4 sheep and pigs, or 50 head of poultry or 20 beehives.

A *collective (social) holding* was defined as an economic organization established for agricultural production (cereals, industrial crops, medicinal and aromatic plants, vegetables, fodder crops, flowers, livestock, poultry, animal products, honey and silkworm cocoons), the means of which are collectively owned and entrusted for permanent use to producers, collectively managed

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by self-management workers' co-operative councils, management boards and directors.

Collective holdings covered agricultural enterprises (estates and combined industrial-agricultural plants); agricultural institutions; general agricultural co-operatives; peasant co-operatives; specialized agricultural co-operatives (fruits, vineyards and livestock co-operatives). Agricultural schools and scientific institutions were enumerated if they operated a holding.

The census of collective holdings also included holdings used for experimental purposes, seed selection and similar uses, or for supplying services.

Feeding places, poultry farms and similar enterprises intended for the fattening and raising of livestock and poultry were also considered as holdings, even if they had no agricultural land. Fishery holdings were enumerated only if they were engaged in agricultural production as well as fishery activity. Holdings located in large towns were excluded from the census.

The basis for the classification of holdings by size was the total area of the holding.

Parcel. As a parcel was considered each separate part of a holding surrounded by land pertaining to other holdings.

Tenure

Area owned by the holder or in ownerlike possession includes the area owned by a holder or by members of the household, regardless of the size of the land and the person operating it. Area owned includes also the areas leased to others or given to collective holdings.

Area rented from others includes the area for which use the holder pays a fixed amount of money, contributes a share of the produce, operates the land in exchange for services, or does not pay any rent.

1 - LAND UTILIZATION

Arable land

This includes land which has been plowed or turned up and used for various crops. It also consists of areas under alfalfa, clover, hop gardens and vine nurseries. Also included were the areas around houses employed for the pro-

duction of vegetables and flowers. Arable land comprises areas which, for various reasons, had not been used in the current year, as well as land which had been flooded.

Land under permanent crops

This category includes land where fruit trees are grown at specified distances from each other and used mainly for the production of fruits, olives and figs. It comprises land under fruit trees of nonproductive age, regardless of whether it is utilized for other purposes as well. Area under vineyards is also included under permanent crops. Area of crops grown between rows or lines of vineyards was proportionally allocated to each crop.

Permanent meadows and pastures

This includes the area of grazing land used for a number of years for the production of hay, as well as areas under natural and cultivated pastures, whether located on flat land or in mountainous areas. Also included are pastures where hay is usually collected once a year and on which animals otherwise graze.

Wood or forest land

This includes all the areas of the holding with forest trees and bushes. Forest tree areas where there was no grazing although grasses were available are included here or under "Permanent meadows and pastures."

All other land

This comprises all swampland, reed tracts, buildings, yards, roads, sandy land and stone pits, etc.

2 - CROPS

In the case of land where more than one crop was grown, the corresponding areas were allocated to the main crop, except for areas under vineyards. Areas under crops were to be reported individually for each crop if larger than 1 *are* (100 m²), otherwise the whole area of the crop was to be included under the category "Other crops." For social holdings, data on

crop areas refer to the area harvested in 1959; for individual holdings data refer to the area sown, according to conditions as at May 1960.

3 - LIVESTOCK AND POULTRY

Data on this subject refer to the animals present on the holding at the census date, regardless of ownership. In the case of livestock sent out regularly to other holdings for grazing purposes, animals were enumerated at the owner's site.

4 - EMPLOYMENT IN AGRICULTURE

Data cover permanent workers on both collective and individual holdings, as well as temporary and seasonal workers on individual holdings. As permanently employed persons on individual (private) holdings were enumerated those male and female members of holdings who were agriculturists by profession and who worked on their own holding.

As permanently employed workers and employees of collective holdings were enumerated those persons under permanent labor status on holdings as at 31 December 1959.

As temporary and seasonal workers were considered women periodically performing agricultural work on holdings, apart from their housework, as well as members of the household who were permanently off their holdings but who,

nevertheless, also performed agricultural work on their own holding.

6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES

Data on agricultural machinery refer to the equipment in working condition or easily repairable, owned by the holder alone on the date of the enumeration. Equipment owned by more than one holder was to be reported on the holding where the machine was in use on the day of the enumeration.

7 - IRRIGATION AND DRAINAGE

Data refer to the area that was, or could be, irrigated by means of the facilities available during the census year.

8 - FERTILIZERS AND SOIL DRESSINGS

Data refer to the fertilizers applied from the start of the 1959 harvest up to the day of enumeration.

* * *

SOURCES: Yugoslavia. Federal Institute for Statistics. *Report on 1960 Agricultural census*. Belgrade (Typed). For data on 1951, see FAO. *Report on the 1950 World Census of Agriculture*. Volume I. *Census results by countries*. Rome, 1955.

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
0 - HOLDER, HOLDING AND TENURE								
Number and area of holdings								
Number	2 624 192	252 222	219 218	445 867	392 820	306 693	252 043	564 006
Percentage distribution	100.0	9.6	8.4	17.0	14.9	11.7	9.6	21.5
Area	12 453 440	59 761	163 226	671 279	985 054	1 072 708	1 133 941	3 934 593
Percentage distribution	100.0	0.5	1.3	5.4	7.9	8.6	9.1	31.6
Fragmentation								
Number of parcels in the holdings reporting	20 889 610	518 546	894 375	2 678 527	3 036 962	2 747 568	2 405 362	6 118 366
Average number of parcels per holding	8.0	2.1	4.1	6.0	7.7	9.0	9.6	11.0
Main occupation of the holder ¹								
Number of holders with agricultural main occupation	2 101 194	141 491	144 536	327 516	314 618	260 546	222 026	515 935
Number of holders with nonagricultural main occupation	516 909	109 234	74 682	118 352	78 202	46 146	29 576	47 823
Legal status of the holder								
Holdings operated by:								
Civil persons								
Number	2 618 103	250 725	219 218	445 867	392 820	306 693	251 602	563 758
Area	11 108 570	59 755	163 226	671 279	985 054	1 072 708	1 132 709	3 932 589
Co-operatives								
Number	5 049	1 497	—	—	—	—	441	248
Area	611 782	6	—	—	—	—	1 232	2 004
Other								
Number	1 040	—	—	—	—	—	—	—
Area	733 088	—	—	—	—	—	—	—
Area in holdings, by tenure								
Area owned by the holder or in owner-like possession	11 837 712	30 206	139 360	621 035	940 917	1 033 294	1 096 994	3 806 814
Area rented from others (total) ²	539 428	11 375	10 167	22 809	27 006	30 734	34 195	138 243
For a fixed amount of money	(344 171)	(8 504)	(7 113)	(13 895)	(13 251)	(14 048)	(15 300)	(59 728)
For a share of the produce	(142 851)	(560)	(1 381)	(5 592)	(10 157)	(12 712)	(14 999)	(63 189)
In exchange for services	(9 808)	(570)	(333)	(727)	(727)	(914)	(845)	(3 384)
Operated gratuitously (rent-free)	(42 598)	(1 741)	(1 340)	(2 595)	(2 871)	(3 060)	(3 051)	(11 942)
1 - LAND UTILIZATION								
Utilization of land in holdings (area)								
Arable land	6 075 718	37 972	102 242	412 327	591 272	628 634	662 094	2 120 279
Land under permanent crops	533 531	6 252	13 874	43 698	54 371	54 007	52 083	164 210
Land under permanent meadows and pastures	3 071 349	4 849	23 075	110 583	177 183	204 273	221 452	856 940
Wood or forest land	2 143 831	1 442	10 972	62 764	109 542	133 378	146 686	623 846
All other land	629 011	9 246	13 063	41 907	52 686	52 416	51 626	169 318
2 - CROPS - AREA								
Crops on arable land ³								
Wheat								
Number of holdings reporting	1 740 196	20 812	75 927	260 850	291 757	247 007	212 015	482 448
Area	1 685 078	22 557	18 377	100 677	163 338	181 045	193 168	609 726

¹ Data refer to individual holdings only. With regard to the age of the holder for individual holdings, data are estimated on the basis of a 5 percent sample, as follows:

All holders	Number of holders who are :				
	Under 35 years of age	35-44 years of age	45-54 years of age	54-60 years of age	Over 60 years of age
2 618 103	437 223	439 841	709 506	353 444	678 089

² The sum of "Area rented from others" and "Area owned" does not agree with the total area of the holdings because data on leased areas were not collected for social holdings. - ³ Area of single crops refers to the sown area as at May 1960 for individual holdings and harvested area in 1959 for social holdings.

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Classified by size of holding

TOTAL AREA OF HOLDING

0 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 and under 2 500 ha	2 500 ha and over	
								0 - HOLDER, HOLDING AND TENURE
								Number and area of holdings
154 815	34 008	677	596	596	304	241	86	Number
5.9	1.3				0.1			Percentage distribution
029 086	1 095 835	50 165	85 030	188 136	213 074	360 772	410 780	Area
16.3	8.8	0.4	0.7	1.5	1.7	2.9	3.3	Percentage distribution
								Fragmentation
950 033	420 554	18 294	21 265	31 171	24 782	16 669	7 136	Number of parcels in the holdings reporting
13.0	12.4	27.0	35.7	52.3	81.5	69.2	83.0	Average number of parcels per holding
								Main occupation of the holder ¹
143 849	30 677	—	—	—	—	—	—	Number of holders with agricultural main occupation
10 595	2 299	—	—	—	—	—	—	Number of holders with nonagricultural main occupation
								Legal status of the holder
								Holdings operated by:
								Civil persons
154 444	32 976	—	—	—	—	—	—	Number
2 023 345	1 067 905	—	—	—	—	—	—	Area
								Cooperatives
371	679	581	476	451	193	101	11	Number
5 741	22 316	42 900	68 157	140 007	133 145	145 905	50 369	Area
								Other
—	353	96	120	145	111	140	75	Number
—	5 614	7 265	16 873	48 129	79 929	214 867	360 411	Area
								Area in holdings, by tenure
1 968 677	1 037 282	42 579	72 223	163 791	185 982	324 528	374 030	Area owned by the holder or in owner-like possession
69 156	63 432	6 348	9 829	20 959	24 246	34 863	36 066	Area rented from others (total) ²
(31 658)	(48 363)	(6 348)	(9 829)	(20 959)	(24 246)	(34 863)	(36 066)	For a fixed amount of money
(26 748)	(7 513)	(—)	(—)	(—)	(—)	(—)	(—)	For a share of the produce
(1 551)	(757)	(—)	(—)	(—)	(—)	(—)	(—)	In exchange for services
(9 199)	(6 799)	(—)	(—)	(—)	(—)	(—)	(—)	Operated gratuitously (rent-free)
								1 - LAND UTILIZATION
								Utilization of land in holdings (area)
675 662	135 401	26 492	48 743	107 776	122 380	206 431	198 013	Arable land
72 207	26 557	5 700	6 703	9 998	8 173	9 747	5 951	Land under permanent crops
621 815	467 981	13 383	21 690	53 714	63 027	102 340	129 044	Land under permanent meadows and pastures
567 118	398 631	3 044	4 585	9 257	9 890	20 763	41 913	Wood or forest land
92 284	67 265	1 546	3 309	7 391	9 604	21 491	35 859	All other land
								2 - CROPS - AREA
								Crops on arable land ³
								Wheat
124 359	23 208	413	417	464	253	202	64	Number of holdings reporting
169 857	24 726	7 266	14 480	32 528	35 430	57 182	54 721	Area

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
Rye								
Number of holdings reporting	423 756	2 689	11 514	49 709	63 842	58 762	50 780	127 873
Area	151 077	96	1 168	8 592	14 558	16 248	16 178	54 002
Rice								
Number of holdings reporting	9 200	229	506	1 457	1 721	1 429	1 060	2 209
Area	5 247	42	139	517	727	697	563	1 334
Millet								
Number of holdings reporting	34 323	280	730	2 672	3 729	3 790	3 521	10 982
Area	21 906	1	72	407	820	1 027	1 164	7 599
Maize (total)								
Number of holdings reporting	2 135 228	93 315	155 980	371 737	348 023	276 038	228 832	507 737
Area	2 105 559	13 233	47 548	181 861	241 064	240 849	246 333	744 354
<i>Hybrid maize</i>								
Number of holdings reporting	(206 543)	(3 068)	(6 612)	(22 137)	(28 647)	(27 414)	(28 446)	(71 350)
Area	(315 221)	(313)	(2 049)	(10 071)	(15 147)	(16 011)	(19 721)	(66 457)
<i>Ordinary maize</i>								
Number of holdings reporting	(1 928 685)	(90 247)	(149 368)	(349 600)	(319 376)	(248 624)	(200 386)	(436 387)
Area	(1 790 338)	(12 920)	(45 499)	(171 790)	(225 917)	(224 838)	(226 612)	(677 897)
Barley								
Number of holdings reporting	618 829	7 501	20 870	68 726	82 270	77 727	73 374	200 856
Area	257 278	551	3 204	14 986	21 607	23 059	24 550	85 267
Oats								
Number of holdings reporting	583 148	2 863	9 274	39 356	60 168	67 877	71 040	225 820
Area	258 738	118	1 197	7 974	15 120	20 039	23 811	99 211
Other cereals harvested for grain								
Area	4 545	1	5	50	92	92	118	594
Soybeans								
Number of holdings reporting	10 646	51	152	788	1 176	1 275	1 409	4 299
Area	12 344	4	27	231	367	415	471	1 971
Edible dry beans								
Number of holdings reporting	237 368	15 292	12 234	29 587	31 808	29 559	26 407	69 236
Area	11 718	215	239	926	1 234	1 604	1 342	4 532
Edible dry peas								
Area .....	...	...	...	...	...	...	...	1
Potatoes								
Number of holdings reporting	1 704 061	196 773	99 286	239 717	239 503	199 521	172 265	405 761
Area	174 680	4 608	5 717	17 685	21 048	19 672	19 046	54 307
Onions and garlic								
Number of holdings reporting	229 626	14 973	13 064	31 987	33 145	30 082	25 639	62 171
Area	4 878	124	115	429	508	814	470	1 345
Sugar beets								
Number of holdings reporting	121 734	848	1 489	7 116	12 861	15 842	19 074	55 120
Area	68 918	59	244	1 408	2 712	3 627	5 062	19 672
Cotton								
Number of holdings reporting	21 625	650	830	2 548	3 433	3 396	2 800	6 609
Area	7 627	86	129	482	772	947	888	2 343
Flax harvested for fiber								
Number of holdings reporting	17 862	95	282	1 346	2 281	2 371	2 459	6 579
Area	2 246	—	3	22	67	92	132	563
Hemp harvested for fiber								
Number of holdings reporting	273 759	1 032	4 077	23 324	37 988	39 697	37 541	97 799
Area	23 449	2	38	449	1 048	1 314	1 931	7 594
Poppy seed								
Area	4 382	18	61	246	438	547	557	1 859

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Classified by size of holding

TOTAL AREA OF HOLDING

0 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 and under 2 500 ha	2 500 ha and over	
45 752 28 312	12 654 9 533	27 106	37 192	53 307	28 485	25 482	11 818	Rye Number of holdings reporting Area
450 305	100 147	14 111	10 117	4 243	5 114	6 191	— —	Rice Number of holdings reporting Area
6 658 7 485	1 935 3 214	8 8	4 7	5 12	3 34	4 22	2 34	Millet Number of holdings reporting Area
128 598 189 454	22 936 24 887	491 6 713	490 11 970	485 27 827	268 35 469	233 50 368	65 43 629	Maize (total) Number of holdings reporting Area
(14 884) (14 515)	(2 195) (4 112)	(425) (6 229)	(436) (11 317)	(428) (25 766)	(235) (33 009)	(206) (48 402)	(60) (42 102)	<i>Hybrid maize</i> Number of holdings reporting Area
(113 714) (174 939)	(20 741) (20 775)	(66) (484)	(54) (653)	(57) (2 061)	(33) (2 460)	(27) (1 966)	(5) (1 527)	<i>Ordinary maize</i> Number of holdings reporting Area
68 349 34 443	18 151 9 575	125 802	184 1 584	263 4 786	200 6 644	169 13 004	64 13 216	Barley Number of holdings reporting Area
86 048 48 356	19 269 13 683	289 1 588	315 2 345	359 4 865	220 5 465	190 8 665	60 6 301	Oats Number of holdings reporting Area
678	677	49	156	280	297	545	911	Other cereals harvested for grain Area
1 006 904	121 418	49 183	65 399	84 779	66 956	77 2 507	28 2 712	Soybeans Number of holdings reporting Area
19 248 1 055	3 889 197	29 65	17 79	26 93	10 29	15 55	11 53	Edible dry beans Number of holdings reporting Area
10	38	33	73	110	206	319	684	Edible dry peas Area
121 940 21 996	28 707 7 081	131 360	138 536	119 623	76 486	82 688	42 827	Potatoes Number of holdings reporting Area
15 780 169	2 464 75	55 70	58 98	70 187	47 123	62 153	29 198	Onions and garlic Number of holdings reporting Area
8 091 4 444	470 1 001	156 756	97 1 632	216 3 898	153 5 009	146 9 751	55 9 643	Sugar beets Number of holdings reporting Area
1 129 473	159 149	22 154	16 268	17 430	5 124	11 276	— 106	Cotton Number of holdings reporting Area
1 995 167	402 155	13 52	14 133	17 333	2 24	4 130	2 373	Flax harvested for fiber Number of holdings reporting Area
28 387 1 462	3 774 330	9 81	9 70	26 369	27 862	42 2 811	27 5 088	Hemp harvested for fiber Number of holdings reporting Area
472	112	14	22	13	2	21	—	Poppy seed Area

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
Castor beans								
Number of holdings reporting	9 979	94	129	528	774	960	1 365	5 284
Area	4 979	4	40	197	317	391	614	2 729
Sunflower seed								
Number of holdings reporting	121 436	848	1 489	7 116	12 861	15 842	19 077	55 113
Area	54 546	10	177	1 316	2 815	4 018	5 608	21 731
Tobacco								
Number of holdings reporting	104 041	9 688	7 492	17 642	17 071	13 864	10 448	21 113
Area	23 422	1 814	1 567	3 491	3 490	3 019	2 318	5 097
Hops								
Number of holdings reporting	20 143	196	418	1 585	2 643	2 964	2 816	7 480
Area	4 068	7	16	59	100	114	134	805
Other crops for industrial purposes								
Area	14 420	68	195	848	1 203	1 332	1 388	5 001
Clover and alfalfa								
Number of holdings reporting	1 146 189	20 599	40 663	134 530	166 454	156 201	145 963	361 302
Area	500 257	1 537	5 581	25 973	41 956	48 230	54 354	182 257
Maize for silage								
Area	...	...	...	...	...	...	4	11
Mixed legumes and grasses								
Area	32 527	22	162	1 101	1 966	2 481	3 056	12 823
Other fodder crops								
Area	53 160	106	279	1 481	2 557	3 306	4 001	16 640
Cabbage and kale								
Number of holdings reporting	238 001	7 111	7 840	24 334	30 587	30 323	27 399	74 087
Area	4 718	29	42	240	370	723	363	1 298
Watermelons and melons								
Number of holdings reporting	111 323	1 705	2 669	10 099	14 015	15 277	14 703	41 938
Area	14 193	34	123	649	1 094	1 414	1 596	6 330
Tomatoes								
Number of holdings reporting	114 320	8 637	6 634	15 475	15 582	14 152	13 013	32 436
Area	4 434	92	106	346	337	306	315	1 191
Peppers								
Number of holdings reporting	172 965	6 311	7 341	23 284	27 698	25 156	21 173	49 039
Area	4 806	56	116	500	602	542	423	1 245
Turnips								
Number of holdings reporting	12 664	59	83	501	941	1 253	1 556	5 349
Area	5 990	2	7	75	176	277	446	1 975
Other vegetables								
Area	78 533	5 679	3 990	10 214	10 629	9 181	8 534	22 748
Permanent crops ⁴								
Citrus trees ⁴								
Total number of trees	57 281	6 949	6 877	8 335	4 246	2 276	2 968	2 891
Of productive age	(29 322)	(3 835)	(3 238)	(4 203)	(1 999)	(942)	(1 619)	(1 445)
Of nonproductive age	(27 959)	(3 114)	(3 639)	(4 132)	(2 247)	(1 334)	(1 349)	(1 446)
Apples								
Number of holdings reporting	1 442 261	80 332	87 852	212 581	215 912	182 183	156 433	375 146
Total number of trees	17 252 060	533 306	632 600	1 636 761	1 851 376	1 732 676	1 588 204	4 717 528
Of productive age	(9 309 240)	(280 241)	(353 190)	(927 148)	(1 037 753)	(972 295)	(880 249)	(2 597 959)
Of nonproductive age	(7 942 820)	(253 065)	(279 410)	(709 613)	(813 623)	(760 381)	(707 955)	(2 119 569)
In compact plantations								
Area	25 182	209	523	1 699	1 923	2 141	1 639	5 096
Number of trees	9 195 316	261 254	308 699	798 625	903 828	845 467	780 031	2 311 393
Scattered trees								
Number of trees	8 056 744	272 052	323 901	838 136	947 548	887 209	808 173	2 406 135

⁴ Data on number of fruit trees on social holdings relate to the condition at the end of the year 1959; for individual holdings, they relate to the condition as at May 1960. - ⁴ Citrus trees include orange, mandarine and lemon trees.

YUGOSLAVIA

Classified by size of holding

TOTAL AREA OF HOLDING

0 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 and under 2 500 ha	2 500 ha and over	
772	46	4	6	7	5	4	1	Castor beans
420	20	18	71	53	28	74	3	Number of holdings reporting Area
8 084	458	68	104	138	107	101	30	Sunflower seed
5 124	615	444	785	2 058	2 873	3 900	3 072	Number of holdings reporting Area
5 119	1 546	26	15	9	4	4	—	Tobacco
1 205	528	354	318	203	5	13	—	Number of holdings reporting Area
1 682	272	5	13	30	15	16	8	Hops
828	300	44	139	673	344	315	190	Number of holdings reporting Area
1 244	281	212	373	537	563	566	609	Other crops for industrial purposes
								Area
98 894	19 605	405	451	488	299	255	80	Clover and alfalfa
60 873	11 646	1 691	3 325	7 361	10 618	21 690	23 165	Number of holdings reporting Area
18	169	365	1 111	4 005	5 377	10 458	14 017	Maize for silage
								Area
5 064	1 403	111	134	569	529	1 273	1 833	Mixed legumes and grasses
								Area
7 736	2 864	1 470	873	1 279	2 060	3 690	4 818	Other fodder crops
								Area
28 415	7 571	54	51	66	54	74	35	Cabbage and kale
336	227	106	132	219	181	229	223	Number of holdings reporting Area
9 794	837	51	57	54	45	58	21	Watermelons and melons
1 646	212	159	126	176	166	287	181	Number of holdings reporting Area
7 387	716	38	44	59	54	62	31	Tomatoes
344	195	103	203	182	216	297	201	Number of holdings reporting Area
11 449	1 173	46	56	78	62	67	32	Peppers
329	138	51	89	139	139	227	210	Number of holdings reporting Area
2 284	532	12	15	39	12	12	16	Turnips
1 233	351	45	111	343	214	187	548	Number of holdings reporting Area
4 854	925	163	315	272	332	384	313	Other vegetables
								Area
								Permanent crops ⁴
								Citrus trees ⁵
578	3 941	2 030	13 579	325	2 284	2	—	Total number of trees
(235)	(2 208)	(1 310)	(5 979)	(25)	(2 284)	—	—	Of productive age
(343)	(1 733)	(720)	(7 600)	(300)	—	2	—	Of nonproductive age
108 990	22 002	213	185	183	99	108	42	Apples
2 431 997	836 754	177 712	248 205	237 952	152 590	316 027	158 372	Number of holdings reporting
1 327 191)	(429 240)	(35 269)	(84 681)	(79 506)	(48 018)	(170 543)	(85 957)	Total number of trees
1 104 806)	(407 514)	(142 443)	(163 524)	(158 446)	(104 572)	(145 484)	(72 415)	Of productive age
								Of nonproductive age
2 726	1 546	866	1 335	1 329	1 113	2 222	815	In compact plantations
1 213 741	481 420	177 712	248 205	237 952	152 590	316 027	158 372	Area
								Number of trees
1 218 256	355 334	—	—	—	—	—	—	Scattered trees
								Number of trees

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
Pears								
Number of holdings reporting	1 239 393	58 429	66 911	170 685	181 539	158 590	138 386	340 81
Total number of trees	7 236 317	211 698	236 131	648 890	767 353	768 964	682 328	1 976 06
Of productive age	(4 339 122)	(126 461)	(153 626)	(427 685)	(504 548)	(481 320)	(442 541)	(1 287 00)
Of nonproductive age	(2 897 195)	(85 237)	(82 505)	(221 205)	(262 805)	(287 644)	(239 787)	(689 06)
In compact plantations								
Area	5 700	46	112	349	412	481	373	1 09
Number of trees	2 917 423	68 302	76 101	209 382	247 433	248 050	220 775	639 23
Scattered trees								
Number of trees	4 318 894	143 396	160 030	439 508	519 920	520 914	461 553	1 336 83
Quinces								
Total number of trees	...	59 223	58 006	146 513	158 339	148 573	126 099	340 50
Of productive age	(...)	(36 248)	(37 274)	(93 616)	(99 566)	(96 492)	(80 212)	(215 13)
Of nonproductive age	(...)	(22 975)	(20 732)	(52 897)	(58 773)	(52 081)	(45 887)	(125 37)
Apricots								
Number of holdings reporting	331 437	28 624	21 843	47 181	46 868	39 093	35 787	90 66
Total number of trees	2 047 654	127 871	97 816	208 212	203 686	175 909	156 356	439 71
Of productive age	(1 114 445)	(69 131)	(54 531)	(116 115)	(116 253)	(98 924)	(88 312)	(244 61)
Of nonproductive age	(933 209)	(58 740)	(43 285)	(92 097)	(87 433)	(76 985)	(68 044)	(195 10)
In compact plantations								
Area	3 571	29	74	149	145	187	114	31
Number of trees	915 441	31 903	24 377	51 915	50 824	43 866	39 247	111 00
Scattered trees								
Number of trees	1 132 213	95 968	73 439	156 297	152 862	132 043	117 109	328 71
Cherries (sweet)								
Number of holdings reporting	824 013	39 226	46 859	116 896	120 855	103 736	89 574	222 91
Total number of trees	4 529 501	208 854	232 416	562 104	589 195	550 684	466 478	1 250 93
Of productive age	(2 698 839)	(94 239)	(126 933)	(328 203)	(354 743)	(322 655)	(285 395)	(774 13)
Of nonproductive age	(1 830 662)	(114 615)	(105 483)	(233 901)	(234 452)	(228 029)	(181 083)	(476 80)
In compact plantations								
Area	4 225	74	187	482	505	577	401	1 08
Number of trees	1 428 099	62 914	69 847	168 700	176 815	165 240	140 315	375 98
Scattered trees								
Number of trees	3 101 402	145 940	162 569	393 404	412 380	385 444	326 163	874 95
Sour cherries								
Number of holdings reporting	501 813	37 885	31 393	72 532	73 022	62 492	57 271	138 00
Total number of trees	3 595 719	258 101	219 817	483 564	457 793	404 074	355 186	884 05
Of productive age	(1 840 941)	(118 845)	(102 284)	(241 293)	(244 959)	(213 784)	(204 612)	(530 14)
Of nonproductive age	(1 754 778)	(139 256)	(117 533)	(242 271)	(212 834)	(190 290)	(150 574)	(353 91)
Peaches								
Number of holdings reporting	378 543	18 733	21 195	54 082	58 147	51 350	44 126	103 36
Total number of trees	4 002 079	198 718	197 775	446 006	469 890	414 708	343 053	811 32
Of productive age	(2 358 652)	(86 318)	(108 716)	(277 149)	(312 605)	(268 284)	(233 918)	(568 06)
Of nonproductive age	(1 643 427)	(112 400)	(89 059)	(168 857)	(157 285)	(146 424)	(109 135)	(243 26)
Plums								
Number of holdings reporting	1 745 608	103 761	113 422	270 234	268 738	222 754	188 341	437 19
Total number of trees	120 856 699	2 086 669	3 052 949	9 337 753	22 120 111	12 483 774	12 278 013	39 496 82
Of productive age	(83 204 111)	(1 331 127)	(2 013 189)	(6 186 022)	(18 013 113)	(8 269 861)	(8 113 498)	(26 164 87)
Of nonproductive age	(37 652 588)	(755 542)	(1 039 760)	(3 151 731)	(4 106 998)	(4 213 913)	(4 164 515)	(13 331 95)
In compact plantations								
Area	164 063	1 045	2 614	12 750	17 010	19 425	17 515	57 31
Number of trees	62 595 452	1 110 229	1 617 985	5 100 037	6 804 150	7 080 992	7 002 957	22 350 29
Scattered trees								
Number of trees	58 261 247	976 440	1 434 964	4 237 716	15 315 961	5 402 782	5 275 056	17 146 53
Figs								
Total number of trees	1 523 950	116 348	149 982	288 555	217 025	182 779	115 530	269 23
Of productive age	(1 020 196)	(49 175)	(90 665)	(191 220)	(147 776)	(115 351)	(81 135)	(202 02)
Of nonproductive age	(503 754)	(67 173)	(59 317)	(97 335)	(69 249)	(67 428)	(34 395)	(67 21)
Walnuts								
Number of holdings reporting	990 922	42 283	53 526	139 476	147 741	127 470	110 549	270 86
Total number of trees	4 241 525	170 881	183 019	464 333	519 773	497 851	436 872	1 207 47
Of productive age	(2 481 944)	(73 095)	(99 005)	(277 486)	(321 704)	(298 677)	(271 516)	(755 37)
Of nonproductive age	(1 759 581)	(97 786)	(84 014)	(186 847)	(198 069)	(199 174)	(165 356)	(452 09)
Grapes								
Area	221 118	4 041	8 500	24 480	27 560	24 790	22 256	60 64
Total number of vines	1 372 443 018	35 676 366	66 599 519	179 602 461	198 639 205	176 763 390	156 076 850	309 999 80
Of productive age	(1 150 394 149)	(30 631 059)	(57 375 121)	(155 468 622)	(170 867 751)	(152 582 768)	(134 887 122)	(253 148 40)
Of nonproductive age	(222 048 869)	(5 045 307)	(9 224 398)	(24 133 839)	(27 771 454)	(24 180 622)	(21 189 728)	(56 851 40)

YUGOSLAVIA

TOTAL AREA OF HOLDING

Classified by size of holding

0 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 and under 2 500 ha	2 500 ha and over	
102 639	20 777	118	162	138	76	88	44	Pears
858 774	302 847	116 320	128 554	199 875	205 937	84 454	48 126	Number of holdings reporting
(544 032)	(170 575)	(34 942)	(41 750)	(31 622)	(46 312)	(30 642)	(16 064)	Total number of trees
(314 742)	(132 272)	(81 378)	(86 804)	(168 253)	(159 625)	(53 812)	(32 062)	Of productive age
								Of nonproductive age
								In compact plantations
519	315	355	374	495	199	261	316	Area
288 098	136 783	116 320	128 554	199 875	205 937	84 454	48 126	Number of trees
								Scattered trees
570 676	166 064	—	—	—	—	—	—	Number of trees
								Quinces
93 722	11 612	...	...	...	...	...	...	Total number of trees
(59 281)	(5 625)	(...)	(...)	(...)	(...)	(...)	(...)	Of productive age
(34 441)	(5 987)	(...)	(...)	(...)	(...)	(...)	(...)	Of nonproductive age
								Apricots
18 398	1 597	75	87	110	76	96	36	Number of holdings reporting
96 899	19 221	53 747	44 392	72 297	95 449	139 668	116 418	Total number of trees
(53 384)	(7 781)	(9 984)	(20 347)	(26 117)	(41 635)	(89 216)	(78 104)	Of productive age
(43 515)	(11 440)	(43 763)	(24 045)	(46 180)	(53 814)	(50 452)	(38 314)	Of nonproductive age
								In compact plantations
80	52	89	214	362	702	530	532	Area
26 404	13 931	53 747	44 392	72 297	95 449	139 668	116 418	Number of trees
								Scattered trees
70 495	5 290	—	—	—	—	—	—	Number of trees
								Cherries (sweet)
69 461	14 067	84	91	70	64	85	33	Number of holdings reporting
469 645	113 446	13 079	13 263	20 037	10 099	17 911	11 355	Total number of trees
(296 046)	(72 814)	(3 707)	(4 873)	(7 703)	(7 569)	(12 084)	(7 745)	Of productive age
(173 599)	(40 632)	(9 372)	(8 390)	(12 334)	(2 530)	(5 827)	(3 610)	Of nonproductive age
								In compact plantations
439	103	45	54	76	20	88	88	Area
142 541	40 001	13 079	13 263	20 037	10 099	17 911	11 355	Number of trees
								Scattered trees
327 104	73 445	—	—	—	—	—	—	Number of trees
								Sour cherries
26 294	2 601	49	50	73	52	67	30	Number of holdings reporting
201 389	71 429	50 787	37 852	77 575	14 049	60 490	19 555	Total number of trees
(107 834)	(19 525)	(11 078)	(4 803)	(5 495)	(6 900)	(21 463)	(7 919)	Of productive age
(93 555)	(51 904)	(39 709)	(33 049)	(72 080)	(7 149)	(39 027)	(11 636)	Of nonproductive age
								Peaches
23 962	3 218	84	77	78	49	60	19	Number of holdings reporting
197 262	81 252	111 777	145 241	239 183	194 259	111 111	40 516	Total number of trees
(141 160)	(42 730)	(53 851)	(52 428)	(80 897)	(51 877)	(63 169)	(17 489)	Of productive age
(56 102)	(38 522)	(57 926)	(92 813)	(158 286)	(142 382)	(47 942)	(23 027)	Of nonproductive age
								Plums
118 589	21 794	202	179	174	92	99	39	Number of holdings reporting
6 571 780	2 518 471	183 609	201 243	210 273	119 275	95 147	100 805	Total number of trees
(0 994 412)	(1 645 972)	(81 227)	(86 010)	(92 912)	(85 275)	(61 277)	(65 340)	Of productive age
(5 577 368)	(872 499)	(102 382)	(115 233)	(117 361)	(34 000)	(33 870)	(35 465)	Of nonproductive age
								In compact plantations
22 939	3 826	866	6 666	895	370	308	519	Area
9 166 506	1 451 949	183 609	201 243	210 273	119 275	95 147	100 805	Number of trees
								Scattered trees
7 405 274	1 066 522	—	—	—	—	—	—	Number of trees
								Figs
123 070	51 327	1 134	4 073	2 539	2 350	—	—	Total number of trees
(97 771)	(38 724)	(529)	(2 034)	(1 439)	(2 350)	(—)	(—)	Of productive age
(25 299)	(12 603)	(605)	(2 039)	(1 100)	(—)	(—)	(—)	Of nonproductive age
								Walnuts
81 638	17 021	81	84	64	51	52	25	Number of holdings reporting
477 644	123 314	20 582	86 075	8 950	27 704	10 320	6 735	Total number of trees
(296 886)	(72 229)	(1 696)	(2 140)	(1 945)	(2 073)	(2 854)	(5 264)	Of productive age
(180 758)	(51 085)	(18 886)	(83 935)	(7 005)	(25 631)	(7 466)	(1 471)	Of nonproductive age
								Grapes
20 439	7 606	1 716	2 285	4 814	4 061	4 892	3 030	Area
25 380 290	27 446 058	7 166 593	8 838 203	20 226 776	15 432 101	28 537 422	16 057 975	Total number of vines
(8 435 355)	(22 475 124)	(4 832 096)	(6 100 807)	(12 577 933)	(10 941 504)	(20 912 791)	(9 157 688)	Of productive age
(16 944 935)	(4 970 934)	(2 334 497)	(2 737 396)	(7 648 843)	(4 490 597)	(7 624 631)	(6 900 287)	Of nonproductive age

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
Strawberries								
Number of holdings reporting	18 177	1 242	1 007	2 467	2 588	2 453	2 115	4 907
Area	2 475	19	51	158	205	239	232	760
Raspberries *								
Area	796	—	—	—	—	—	20	12
Olives								
Area	8 946	90	224	1 202	1 036	990	684	2 371
Total number of trees	3 922 057	105 139	248 785	555 896	479 420	394 821	313 109	948 022
Of productive age	(3 503 730)	(96 792)	(225 488)	(496 197)	(426 306)	(348 622)	(277 640)	(852 333)
Of nonproductive age	(418 327)	(8 347)	(23 297)	(59 699)	(53 114)	(46 199)	(35 469)	(95 689)
Nurseries of fruit vines and olives *								
Area	1 869	—	—	—	—	—	21	7
3 - LIVESTOCK AND POULTRY								
Horses								
Number of holdings reporting	769 003	6 505	12 965	56 009	88 540	99 300	104 802	295 077
Total number of horses	1 265 275	15 984	19 239	70 200	114 966	141 421	161 540	529 664
Fillies and colts	(233 645)	(3 712)	(3 436)	(10 520)	(18 767)	(25 698)	(30 112)	(102 022)
Mares and fillies in foal	(518 782)	(5 113)	(6 187)	(24 541)	(44 672)	(57 887)	(68 582)	(229 321)
Stallions for breeding	(17 899)	(112)	(186)	(853)	(1 306)	(1 600)	(1 866)	(7 598)
Geldings	(494 949)	(7 047)	(9 430)	(34 286)	(50 221)	(56 236)	(60 980)	(190 723)
Mules								
Number of mules	25 610	591	1 238	3 139	3 186	2 761	2 326	6 833
Asses †								
Number of asses	157 793	8 435	14 871	32 381	24 646	17 971	13 444	32 188
Cattle								
Number of holdings reporting	1 746 164	50 992	81 892	245 838	270 401	234 772	202 777	485 153
Total number of cattle	5 234 068	85 413	135 441	479 716	622 071	608 872	567 845	1 606 537
Cattle under 2 years of age	(2 018 912)	(32 529)	(45 878)	(164 335)	(217 601)	(218 680)	(209 462)	(626 359)
Cattle 2 years of age and over	(3 215 156)	(52 884)	(89 563)	(315 381)	(404 470)	(390 192)	(358 383)	(980 178)
Cattle classified by use and purpose								
Cows and heifers in calf	2 477 725	50 819	82 236	268 701	323 490	297 738	268 908	713 279
Of which those used occasionally as draft animals	(400 762)	(2 230)	(8 590)	(49 611)	(74 157)	(68 684)	(55 648)	(111 849)
Bulls used for service	21 535	190	250	1 154	1 691	1 955	2 016	7 233
Oxen	715 896	1 875	7 077	45 526	79 289	90 499	87 459	259 666
Other cattle	2 018 912	32 529	45 878	164 335	217 601	218 680	209 462	626 359
Number of holdings reporting specified number of cattle								
1 head	403 210	26 620	44 407	98 610	75 205	50 153	36 860	61 793
2 to 4 head	1 095 775	23 569	36 417	140 410	180 929	164 438	141 921	321 772
5 head and over	247 279	803	1 068	6 818	14 267	20 181	23 996	101 588
Buffaloes †								
Number of holdings reporting	22 499	338	422	2 334	3 543	3 626	3 030	7 187
Number of buffaloes	54 968	542	713	4 375	7 633	8 240	7 391	19 832
Of which used as draft animals	(20 214)	(87)	(283)	(2 190)	(3 752)	(3 405)	(2 857)	(6 312)
Sheep								
Number of sheep †	14 199 025	1 362 732	1 149 100	2 328 500	2 054 000	1 565 500	1 322 373	2 948 419
Pigs								
Number of holdings reporting	1 785 641	105 679	101 669	257 467	266 649	226 886	197 828	468 569
Total number of pigs	8 087 984	327 718	255 295	740 594	898 755	883 022	892 384	2 666 099
Pigs under 6 months of age	3 856 400	137 976	127 945	365 301	444 907	442 268	439 953	1 302 950
Pigs 6 months of age and over	4 231 584	189 742	127 350	375 293	453 848	440 754	452 431	1 363 149
Sows for breeding	(1 221 537)	(35 090)	(27 526)	(95 380)	(132 100)	(139 164)	(141 864)	(422 790)
All other pigs	(3 010 047)	(154 652)	(99 824)	(279 913)	(321 748)	(301 590)	(310 567)	(940 349)
Poultry								
Number of holdings reporting	2 344 932	176 091	170 236	384 525	359 064	288 381	239 997	544 990
Total number of poultry	21 348 010	1 247 305	1 031 701	2 597 422	2 799 332	2 521 438	2 348 070	6 274 252
Hens	(19 234 037)	(1 109 711)	(950 707)	(2 374 014)	(2 543 251)	(2 280 096)	(2 096 753)	(5 561 501)
Other poultry	(2 113 973)	(137 594)	(80 994)	(223 408)	(256 081)	(241 342)	(251 317)	(712 751)

* Data refer to social holdings only. - † Data refer to individual holdings only. - ‡ Data for individual holdings are estimates based 5 percent sample of holdings.

YUGOSLAVIA

Classified by size of holding

TOTAL AREA OF HOLDING

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 and under 2 500 ha	2 500 ha and over	
								Strawberries
1 062	186	33	27	35	24	25	6	Number of holdings reporting
390	144	37	49	60	51	62	18	Area
								Raspberries ⁶
39	119	154	221	193	11	23	4	Area
								Olives
1 168	553	97	103	86	299	41	2	Area
534 398	247 471	23 505	12 011	13 605	35 575	8 500	1 800	Total number of trees
(487 072)	(225 910)	(5 885)	(7 085)	(11 935)	(33 565)	(8 000)	(900)	Of productive age
(47 326)	(21 561)	(17 620)	(4 926)	(1 670)	(2 010)	(500)	(900)	Of nonproductive age
								Nurseries of fruit vines and olives ⁶
2	461	352	320	250	68	180	208	Area
								3 - LIVESTOCK AND POULTRY
								Horses
85 035	19 018	323	394	465	266	225	79	Number of holdings reporting
156 030	33 703	1 056	1 653	3 504	3 641	6 666	6 008	Total number of horses
(30 494)	(6 007)	(92)	(190)	(402)	(392)	(1 109)	(692)	Fillies and colts
(62 683)	(11 866)	(193)	(453)	(1 046)	(1 194)	(2 355)	(2 689)	Mares and fillies in foal
(2 983)	(639)	(77)	(73)	(238)	(87)	(227)	(54)	Stallions for breeding
(59 870)	(15 191)	(694)	(937)	(1 818)	(1 968)	(2 975)	(2 573)	Geldings
								Mules
3 506	1 627	43	82	53	69	42	114	Number of mules
								Asses ⁷
11 148	2 709	—	—	—	—	—	—	Number of asses
								Cattle
142 595	30 184	281	373	452	257	118	79	Number of holdings reporting
637 129	170 703	6 683	15 503	40 714	46 643	95 489	115 309	Total number of cattle
(260 637)	(72 134)	(3 448)	(8 570)	(21 886)	(24 275)	(50 147)	(62 971)	Cattle under 2 years of age
(376 492)	(98 569)	(3 235)	(6 933)	(18 828)	(22 368)	(45 342)	(52 338)	Cattle 2 years of age and over
								Cattle classified by use and purpose
259 119	67 445	2 843	6 531	18 104	21 972	44 725	51 815	Cows and heifers in calf
(26 712)	(3 281)	(—)	(—)	(—)	(—)	(—)	(—)	Of which those used occasionally as draft animals
3 713	1 446	214	204	376	283	423	387	Bulls used for service
113 660	29 678	178	198	348	113	194	136	Oxen
260 637	72 134	3 448	8 570	21 886	24 275	50 147	62 971	Other cattle
								Number of holdings reporting specified number of cattle
8 068	1 494	—	—	—	—	—	—	1 head
74 963	11 356	—	—	—	—	—	—	2 to 4 head
59 564	17 334	281	373	452	257	218	79	5 head and over
								Buffaloes ⁷
1 795	224	—	—	—	—	—	—	Number of holdings reporting
5 518	724	—	—	—	—	—	—	Number of buffaloes
(1 234)	(94)	(—)	(—)	(—)	(—)	(—)	(—)	Of which used as draft animals
								Sheep
812 531	207 315	26 605	41 320	66 333	67 484	90 532	156 281	Number of sheep ⁸
								Pigs
131 567	27 940	238	305	363	227	189	69	Number of holdings reporting
768 126	134 540	10 816	22 157	57 111	78 346	153 764	199 257	Total number of pigs
377 665	60 301	3 176	7 099	16 093	23 292	44 270	63 198	Pigs under 6 months of age
390 461	74 239	7 640	15 058	41 018	55 054	109 494	136 059	Pigs 6 months of age and over
(126 412)	(20 877)	(2 652)	(4 694)	(10 618)	(14 497)	(22 641)	(25 226)	Sows for breeding
(264 049)	(53 362)	(4 988)	(10 364)	(30 400)	(40 557)	(86 853)	(110 833)	All other pigs
								Poultry
149 841	31 664	58	63	48	34	25	12	Number of holdings reporting
1 705 269	406 105	29 754	20 327	30 020	30 138	83 468	223 409	Total number of poultry
1 554 299)	(390 573)	(29 494)	(18 370)	(27 904)	(22 536)	(51 440)	(223 388)	Hens
(150 970)	(15 532)	(260)	(1 957)	(2 116)	(7 602)	(32 028)	(21)	Other poultry

Area: in hectares

SIZE CLASSIFICATION BY

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
Bees								
Number of holdings reporting .....	...	7 324	6 193	15 344	18 565	19 076	19 344	64 203
Number of beehives	759 311	46 826	30 059	62 972	69 950	69 857	71 038	242 583
Silkworms								
Number of holdings reporting	11 628	719	678	2 149	2 225	1 813	1 325	2 215
4 - EMPLOYMENT IN AGRICULTURE								
Persons employed in agricultural work on the holding								
Permanent workers	3 939 469	106 966	152 782	450 597	525 082	489 381	447 516	1 166 366
Male	(2 664 372)	(72 083)	(99 636)	(295 269)	(348 252)	(328 009)	(303 044)	(794 911)
Female	(1 275 097)	(34 883)	(53 146)	(155 328)	(176 830)	(161 372)	(144 472)	(371 455)
Temporary and occasional workers ⁷	2 550 351	242 405	219 473	447 701	387 597	296 166	237 287	529 175
Male	(642 982)	(99 405)	(71 499)	(130 204)	(99 341)	(67 642)	(49 059)	(94 904)
Female	(1 907 369)	(143 000)	(147 974)	(317 497)	(288 256)	(228 524)	(188 228)	(434 271)
6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES								
Use and source of power on the holding								
Holdings reporting the use of:								
Mechanical power only	242 851	103 138	32 749	39 407	22 298	13 541	9 591	15 723
Animal power only	2 355 162	146 577	184 279	402 001	366 594	290 085	239 936	542 645
Animal power owned	(1 376 169)	(9 968)	(25 620)	(126 415)	(192 724)	(197 568)	(186 022)	(470 457)
Animal power not owned	(978 993)	(136 609)	(158 659)	(275 586)	(173 870)	(92 517)	(53 914)	(72 188)
Human power only	26 181	2 507	2 192	4 459	3 928	3 067	2 516	5 638
Number of holdings reporting electric power	1 044 881	141 671	97 615	176 372	145 993	109 900	91 208	206 425
Selected agricultural equipment on the holding (number)								
Motors	13 086	738	268	665	749	823	940	2 928
Electric motors	34 353	1 580	630	1 312	1 565	1 421	1 788	6 287
Tractors	33 737	2 226	197	554	529	482	1 105	2 311
Plows (total)	1 346 134	6 555	14 248	93 553	169 120	185 147	183 362	485 975
Animal-operated	(1 313 285)	(4 001)	(14 248)	(93 553)	(169 120)	(185 147)	(182 522)	(485 435)
Tractor-operated	(32 849)	(2 554)	(—)	(—)	(—)	(—)	(840)	(540)
Harrows ⁹	934 527	1 886	6 509	50 236	103 942	125 226	132 795	376 186
Seed drills (total)	161 901	1 555	603	3 530	8 900	13 057	17 482	76 668
Animal-operated	(153 890)	(1 168)	(603)	(3 530)	(8 900)	(13 057)	(17 357)	(76 595)
Tractor-operated	(8 011)	(387)	(—)	(—)	(—)	(—)	(125)	(73)
Cultivators and hoes (total)	549 907	1 430	2 236	19 584	51 015	69 832	80 962	239 750
Animal-operated	(542 388)	(1 071)	(2 236)	(19 584)	(51 015)	(69 832)	(80 838)	(239 691)
Tractor-operated	(7 519)	(359)	(—)	(—)	(—)	(—)	(124)	(59)
Fertilizer distributors (total) ⁶	10 047	451	—	—	—	—	159	86
Animal-operated	(2 359)	(195)	(—)	(—)	(—)	(—)	(63)	(37)
Tractor-operated	(7 688)	(256)	(—)	(—)	(—)	(—)	(96)	(49)
Sprayers and dusters	466 393	13 729	18 550	52 030	60 757	56 504	52 673	139 480
Mowers	26 931	556	190	564	675	858	1 588	10 438
Harvesting machines and self-binders	19 846	466	105	294	436	510	899	7 959
Combines (harvester-threshers)	3 025	33	—	—	—	—	13	2
Corn pickers ⁸	67	—	—	—	—	—	—	—
Potato diggers ⁸	843	113	—	—	—	—	34	13

⁶ Data refer to social holdings only. - ⁷ Data refer to individual holdings only. - ⁹ Data refer to individual holdings only; they are negligible for other holdings.

YUGOSLAVIA

Classified by size of holding

TOTAL AREA OF HOLDING

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 and under 2 500 ha	2 500 ha and over	
27 336 115 446	6 945 36 629	... 2 855	... 2 600	... 3 000	... 1 799	... 2 133	... 1 564	Bees Number of holdings reporting Number of beehives
428	76	—	—	—	—	—	—	Silkworms Number of holdings reporting
								4 - EMPLOYMENT IN AGRICULTURE
								Persons employed in agricultural work on the holding
375 405 (252 985) (122 420)	87 747 (60 164) (27 583)	11 679 (9 692) (1 987)	15 624 (13 124) (2 500)	23 972 (19 675) (4 297)	21 170 (17 493) (3 677)	33 216 (26 215) (7 001)	31 966 (23 820) (8 146)	Permanent workers Male Female
155 561 (25 398) (130 163)	34 986 (5 530) (29 456)	— (—) (—)	— (—) (—)	— (—) (—)	— (—) (—)	— (—) (—)	— (—) (—)	Temporary and occasional workers † Male Female
								6 - AGRICULTURAL POWER AND MACHINERY AND GENERAL TRANSPORT FACILITIES
								Use and source of power on the holding
3 710 149 561 (136 908)	1 946 31 732 (28 735)	354 323 (323)	202 394 (394)	131 465 (465)	38 266 (266)	16 225 (225)	7 79 (79)	Holdings reporting the use of: Mechanical power only Animal power only Animal power owned Animal power not owned Human power only
1 544 58 454	330 15 520	— 428	— 369	— 401	— 239	— 208	— 78	Number of holdings reporting electric power
								Selected agricultural equipment on the holding (number)
1 690	1 260	371	431	557	530	649	487	Motors
7 733	5 217	550	831	1 172	935	1 887	1 445	Electric motors
1 388	1 842	2 181	2 871	4 146	3 648	5 321	4 936	Tractors
144 354 (143 450) (904)	30 210 (27 885) (2 325)	3 775 (902) (2 873)	4 784 (1 066) (3 718)	6 817 (1 571) (5 246)	5 552 (1 368) (4 184)	7 372 (1 827) (5 545)	5 310 (1 190) (4 120)	Plows (total) Animal-operated Tractor-operated
114 013	23 734	—	—	—	—	—	—	Harrows †
23 756 (23 629) (127)	3 154 (2 777) (377)	1 372 (879) (493)	2 116 (1 188) (928)	2 810 (1 537) (1 273)	2 194 (1 043) (1 151)	2 577 (983) (1 594)	2 127 (644) (1 483)	Seed drills (total) Animal-operated Tractor-operated
60 765 (60 677) (88)	9 976 (9 573) (403)	831 (400) (431)	1 343 (691) (652)	2 406 (1 322) (1 084)	2 364 (1 399) (965)	3 949 (2 214) (1 735)	3 464 (1 845) (1 619)	Cultivators and hoes (total) Animal-operated Tractor-operated
134 (54) (80)	390 (154) (236)	494 (171) (323)	749 (246) (503)	1 399 (424) (975)	1 411 (291) (1 120)	2 317 (420) (1 897)	2 457 (304) (2 153)	Fertilizer distributors (total) † Animal-operated Tractor-operated
42 867	11 336	3 226	3 111	3 751	2 200	3 722	2 457	Sprayers and dusters
5 070	1 433	372	770	1 053	816	1 172	1 376	Mowers
3 163	476	416	1 094	1 224	1 091	979	734	Harvesting machines and self-binders
4	23	46	147	334	445	931	1 047	Combines (harvesters-threshers)
—	—	—	—	3	9	31	24	Corn pickers †
17	69	52	104	115	57	147	122	Potato diggers †

Area: in hectares

SIZE CLASSIFICATION B

	All sizes of holdings	Under 0.5 ha	0.5 and under 1 ha	1 and under 2 ha	2 and under 3 ha	3 and under 4 ha	4 and under 5 ha	5 and under 10 ha
Threshers	19 708	1 489	177	554	735	796	1 292	3 812
Graders and sorters	32 959	1 131	425	1 798	2 469	2 692	3 051	11 074
Crushing mills	8 699	374	170	492	634	687	722	2 568
Corn shellers and threshers	155 832	1 346	1 485	6 147	11 860	15 370	18 642	73 347
Cutters	146 550	746	1 294	6 546	13 070	16 046	17 305	54 475
Milking machines ^a	414	—	—	—	—	—	—	—
Carts	1 192 302	4 995	13 939	85 202	151 032	164 297	162 489	433 657
Jeeps and trucks ^a	2 235	164	—	—	—	—	141	51
Automobiles	333	2	—	—	—	—	1	2
Other vehicles	26 401	1 362	—	—	—	—	925	422
7 - IRRIGATION AND DRAINAGE								
Land actually irrigated								
Area	89 175	...	...	...	...	...	...	...
Area irrigated by:								
Sprinklers	(8 122)	(...)	(...)	(...)	(...)	(...)	(...)	(...)
Other methods	(81 053)	(...)	(...)	(...)	(...)	(...)	(...)	(...)
Area drained	2 052 000	...	...	...	...	...	...	...
8 - FERTILIZERS AND SOIL DRESSINGS								
Application of organic and inorganic fertilizers								
Organic fertilizers ^a								
Number of holdings reporting	1 941 748	60 341	105 300	291 317	303 511	255 701	226 720	530 812
Area	1 229 349	108 343	94 702	192 615	169 698	132 491	108 807	243 688
Amount applied (metric tons)	20 655 728	563 634	1 007 230	2 786 545	2 903 192	2 445 865	2 165 816	5 076 715
Inorganic fertilizers								
Number of holdings reporting	900 132	28 683	48 656	134 524	140 168	118 085	104 976	245 308
Area ^a	1 506 341	24 147	42 794	118 391	123 347	103 917	92 590	216 777
Amount applied (metric tons)	998 636	8 397	10 705	30 751	38 426	39 354	40 495	126 088

^a Data refer to social holdings only. — ^a Data on individual holdings are estimates based on a 5 percent sample of holdings.

YUGOSLAVIA

Classified by size of holding

TOTAL AREA OF HOLDING

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 and under 2 500 ha	2 500 ha and over	
3 450	2 606	971	1 032	1 177	700	623	294	Threshers
5 491	1 786	569	573	581	536	456	327	Graders and sorters
730	173	177	257	445	358	531	381	Crushing mills
22 868	2 815	113	429	449	346	327	288	Corn shellers and threshers
24 880	10 000	154	263	428	346	520	477	Cutters
—	1	1	7	37	63	170	135	Milking machines ^a
135 286	31 105	689	850	1 855	1 632	2 831	2 443	Carts
77	249	188	207	258	215	318	367	Jeeps and trucks ^a
1	21	14	31	61	38	61	101	Automobiles
672	1 819	1 823	2 592	3 692	3 247	5 217	4 630	Other vehicles
								7 - IRRIGATION AND DRAINAGE
								Land actually irrigated
...	...	...	...	...	...	...	...	Area
(...)	(...)	(...)	(...)	(...)	(...)	(...)	(...)	Area irrigated by:
(...)	(...)	(...)	(...)	(...)	(...)	(...)	(...)	Sprinklers
...	...	...	...	...	...	...	...	Other methods
								Area drained
								8 - FERTILIZERS AND SOIL DRESSINGS
								Application of organic and inorganic fertilizers
								Organic fertilizers ^a
135 286	30 260	677	596	596	304	241	86	Number of holdings reporting
67 361	20 571	3 279	5 027	11 392	13 720	28 190	29 465	Area
1 294 254	315 266	44 794	88 720	251 056	303 710	616 451	792 480	Amount applied (metric tons)
								Inorganic fertilizers
62 691	14 541	677	596	596	304	241	86	Number of holdings reporting
58 981	36 841	37 409	43 106	116 532	115 118	191 060	185 331	Area ^a
40 641	20 085	20 674	40 568	92 779	111 300	189 462	188 911	Amount applied (metric tons)

Area: in hectares

SELECTED DATA FROM CENSUSES
OF 1951 AND 1959/60

YUGOSLAVIA

	1951	1959/60		1951	1959/60
0 - HOLDER, HOLDING AND TENURE			3 - LIVESTOCK AND POULTRY		
Number and area of holdings			Horses		
Number	2 810 919	2 624 192	Number of horses	896 411	1 265 275
Area	13 453 657	12 453 440	Mules		
			Number of mules	31 557	25 610
1 - LAND UTILIZATION			Cattle		
Utilization of land in holdings (area)			Number of cattle	4 728 996	5 234 068
Cropland	7 000 116	6 609 249	Sheep		
Land under permanent meadows and pastures	3 114 843	3 071 349	Number of sheep	10 273 084	14 199 025
Wood or forest land	2 579 911	2 143 831	Pigs		
All other land	758 787	629 011	Number of pigs	1 712 378	8 087 984

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