Greece - European Union Farm Structure Survey 1999/2000
Main Results

Number and total area of holdings

	Number of holdings	Total area (ha)
Total	817 060	3 875 180

Number and total area of holdings by size of agricultural area

	Number of holdings	Total area (ha)
Total	817 060	3 875 180
Holdings without agricult. land	5 740	2 020
0 - 2 ha of agricultural area	394 950	440 020
2 - 5	226 500	797 380
5 - 10	109 000	791 000
10 - 20	52 670	739 860
20 - 30	14 490	352 400
30 - 50	9 430	355 580
50 - 100	3 350	225 720
>= 100 ha	930	171 200

Legal status

Holdings operated by:	Number of holdings	
Civil Persons	816 530	_
Other	530	_

Tenure of agricultural land

		Agricultural area (ha)
Total	_	3 583 190
Owned	_	2 518 970
Rented	_	993 640
Under other forms of tenure	_	70 580

Holders (Individuals) by sex

	Number of holders	
Total	816 530	_
male	611 390	_
female	205 140	_

Holders (Individuals) by age

	Number of holders	
Total	816 530	_
< 35 years of age	71 250	_
35 to 44	125 550	_
45 to 54	164 980	_
55 to 64	201 290	_
65 >	253 460	_

Holders and members of their household engaged in agricultural work on the holding

	Number of persons	
Total	1 420 790	_
Male	828 420	_
Female	592 370	_
Of which, full time:		
Total	142 000	_
Male	105 670	_
Female	36 340	_

Hired permanent workers

	Number of workers	
Total	10 470	_
Of which, full time:	5 920	_

Land use

	Number of holdings	Area (ha)
All land	817 060	3 875 180
Agricultural land	_	3 583 190
Cropland	_	2 977 910
Arable land	431 220	1 965 470
of which: kitchen gardens	204 020	10 820
Permanent crops	596 860	1 001 620
Permanent mead./pastures	79 580	605 280
Wood / forest land	11 260	35 280
All other land	_	256 710

Temporary crops

	Holdings reporting	Area (ha)
Wheat, total	_	261 270
Soft wheat	59 400	157 420
Durum wheat	128 370	587 190
Rye	8 730	19 210
Barley	52 910	98 000
Oats	35 790	60 840
Maize	93 900	183 320
Dry pulses	22 440	12 020
Potatoes	49 710	20 080
Sugarbeets	17 390	32 880
Industrial plants	132 350	476 360
Tobacco	51 610	56 230
Cotton	78 370	382 800
Sunflowerseed	10 310	34 840
Soybeans	40	100
Vegetables (grown in the open)	59 110	57 540

Permanent crops

	Holdings reporting	Area (ha)
Citrus fruits	79090	47200
Olives	491630	737160
Grapes	171270	97570

Livestock

	Holdings reporting	Head/units
Cattle, total	28 330	652 390
of which: dairy cows	12 060	153 790
Sheep	128 550	8 752 670
Goats	138 250	5 327 200
Pigs	36 250	969 850
Chickens, total	_	38 320 000
Broilers	133 230	26 100 000
Laying hens	310 550	12 220 000

Machinery

	Holdings reporting	Units
Tractors belonging to the holding (owned)	199 750	218 990
Tractors not belonging to the holding	391 100	_

GREECE – Census of Agricultural and Livestock Holdings 1999/2000

Explanatory Notes

Historical outline:
First census of agriculture and livestock was carried out in 1860. First systematic agricultural census was carried out in 1911. Greece also participated in the 1929 World Census organized by International Institute of Agriculture and the 1950 World Census of Agriculture organized by FAO. From 1961 to 1991 decennial censuses of agriculture and livestock farming were organized parallel with the population censuses. In 1996 a special survey was carried out for updating the register of agricultural and livestock holdings. In order to synchronize the timings of agricultural census with the EU Farm Structure Survey the 1999/2000 census was organized ahead of population census.

Organization:
Census was carried out on the basis of a Presidential Decree issued under the law establishing National Statistics service of Greece (NSSG). The Division for Structural Statistics of NSSG in the Ministry of Economy and Finance was responsible for carrying out the census in conjunction with Co-responsible departments of NSSG. The division played the lead role in the overall planning of the survey, and the data collection and processing was carried out by Statistical Services of 51 prefectures of Greece. Field work was carried out by the municipalities and rural districts.

Enumeration period:
The updating of list of holdings was carried out during September to November 1999. The actual taking of census was carried out during December 1999 to February 2000.

Reference date:
The data on crops relate to the period from 1 September 1998 to 30 September 1999. The stock of farm-owned machinery was 30 September 1999. The livestock numbers refer to 1 November 1999.

Definitions:
Holding:
A holding is a single unit, both technically and economically, having a single management and producing agricultural products.

Coverage:
The census was carried out in all the municipalities and rural districts of Greece, and the agricultural and livestock holdings which qualified the coverage criteria were covered.
Statistically, the survey covered all agricultural, livestock and mixed holding which satisfied the following criteria:

- made use of at least 0.1 ha of utilized land or 0.05 ha of green houses; or
- owns one or more cows or two more large animals (oxen, horses, donkeys, mules) or 5 or more small animals (sheep, goat, pigs) or fifty or more poultry or 20 or more hives.

Frame:
The census was carried out on the basis of a Register of Agricultural and Livestock Holdings as it stood following the special updating survey conducted in 1996. This register was updated by door-to-door enquiry from dwellings located in each census section to prepare a nominative list of holdings (frame) to be surveyed for obtaining the detailed information. Cartographic material was used to ensure that the no part of the territory is excluded.

Methods:
The census was a complete enumeration of all holdings which satisfied the threshold criteria. Face-to-face interviews of occupiers of holdings were conducted by trained enumerators (10 000 persons) to obtain data on the main census questionnaire. Working groups at national, prefecture and municipal/district level were constituted with specific responsibilities for smooth conduct of census. Data quality checks were applied at all stages of data collection, inputting and processing.

Data source:

European Commission – Eurostat, Theme 5, Agriculture and Fisheries – Farm Structure Survey 1999/2000 – 2003 Edition – Detailed Tables

Mailing address:

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European Community Farm Structure Survey 1999/2000
Explanatory Notes

Historical outline:

EU Farm Structure Surveys are carried out regularly at roughly two-years intervals, the first being conducted in 1966/67, followed by the surveys of 1970/71, 1975, 1977, 1979/80, 1983, 1985, 1987, 1989/90, 1993, 1995, 1997 and. The 1999/2000 Farm Structure Survey (FSS), to which data here presented refer, is the thirteen in the series of European Community Surveys and the third for the Community of Fifteen. The 1999/2000 FSS was implemented by member countries between 1 December 1998 and 1 March 2001.

Organization:

The farm structure survey is organized and conducted by the Statistical Offices of each Member State. Information collected at national level is then forwarded to Eurostat, the Statistical Office of the European Union, which regulates the quality of statistics by prescribing acceptable level of sample size, precision of estimates and degree of non-sampling errors etc.

Definitions:

Holding:

A holding is a single unit, both technically and economically, having a single management and producing agricultural products.

Holder:

Is a single or a group of natural persons, or a legal person, on whose account and name the holding is operated. The holder is legally and economically responsible for the holding, and takes the economic risks.

Utilized Agricultural Area (AAU):

Is the holding's area consisting of arable land, kitchen gardens, land under permanent crops and land under permanent meadows and pastures.

Standard Gross Margin (SGM):

The SGM determines the techno-economic orientation and techno-economic size of the holding. It is calculated, for each crop or animal production, as the difference between the standard value of the production and the standard amount of certain specific costs (mainly proportional specific costs).

Economic size of holding:

For each production, the area or the number of livestock is multiplied by the product's SGM local coefficient. The estimated figures are added to obtain the economic size of the holding, expressed in European Size Units (ESUs), each equivalent to € 1200. The relative importance of SGMs of the various productions makes it possible to classify holdings by type of farming. This measure is also utilized by some countries for fixing thresholds on size of holdings.

Family labour force:

Includes holders (natural persons), their spouses and other members of holder's household working on the holding.

Non-family labour force regularly employed:

Non-members of holder's household who worked on the holding in every week of the 12 months prior to the survey.

Coverage:

Geographically, the survey covered the entire territory of each EU15 Member State.
Statistically, the Farm Structure Survey includes:

- Agricultural holdings whose utilized agricultural area is one hectare or more;
- Agricultural holdings with less than one hectare of agricultural land but producing a certain proportion of produce for sale, or if their production units exceed certain physical thresholds.

Only the smallest holdings (representing about 1% or less of the total Gross Standard Margin of the country concerned) were excluded from the Survey.

Methods:

The 1999/2000 Farm Structure Survey (was) is carried out as a complete enumeration census in the majority of the fifteen Member States of the European Community. Eurostat is the responsible agency for the correct processing of holding level data supplied by each Member State and guarantees that the tabular results are correct in the formal sense. The data, as received from the Member States, are cleaned , validated and standardized by Eurostat and are published after reconciliation of error lists in consultation with the Member State.

Out of the 15 EU Member States, Austria, Denmark, Germany, the Netherlands and the United Kingdom are authorized to use information available from the Integrated Administration and Control System, set up according to Council Regulations (EEC) n.3508/92 of 27/11/1992 and n.3887/92 of 23/12/1992. The Netherlands are authorized to use data from the National Farm Register, forcertain characteristics related to legal status of the holder and labour force.

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