

Portugal Agricultural Census 1989 – Main Results

Please refer to the Explanatory Notes given at the end of the tables.

NUMBER AND AGRICULTURAL AREA OF HOLDINGS CLASSIFIED BY SIZE OF AGRICULTURAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	594 418	4 005 594
Under 0.5 ha	80 181	21 326
0.5 and under 1 ha	98 749	70 507
1 and under 2 ha	167 480	230 813
2 and under 5 ha	141 665	435 287
5 and under 10 ha	56 097	386 610
10 and under 20 ha	27 414	374 771
20 and under 50 ha	13 596	407 243
50 and under 100 ha	3 846	268 912
100 and under 200 ha	2 417	338 671
200 ha and above	2 973	1 471 454

FRAGMENTATION OF HOLDINGS	
Number of holdings reporting:	
Total	594 418
1 parcel	126 812
2 - 3 parcels	172 191
4 - 5 parcels	108 337
6 - 9 parcels	105 167
10 parcels and more	81 911

LAND TENURE OF AGRICULTURAL LAND	Area (ha)
Area owned or in ownerlike possession	2 761 911
Rented from others	1 050 917
For an agreed amount of money and/or produce	986 865
For a share of produce	64 052
Area under other forms of tenure	192 766

LEGAL STATUS OF THE HOLDER	Number of holdings	Agricultural land (ha)
Total	598 742	4 005 715
An individual or a household	593 590	3 367 824
Corporation	3 964	375 597
Cooperative	252	169 406
Collective	246	48 324
Government	307	32 487
Others	383	12 077

HOLDERS, BY SEX	Total	Male	Female
Number of holders	593 590	501 978	91 612

HOLDERS BY MAIN TYPE OF ACTIVITY	Number of holders
Total	593 590
Agricultural work on the holding	307 736
Work off the holding	285 854

FARM POPULATION BY SEX	Total	Male	Female
Household members	1 974 808	995 482	979 326

EMPLOYMENT IN AGRICULTURE: HOUSEHOLD MEMBERS (with more than 12 years of age)	Total	Male	Female
Engaged in agricultural work on the holding	646 615	311 837	334 778
Engaged in agricultural work off the holding	827 942	462 150	365 792
Not economically active	284 132	107 796	176 336

EMPLOYMENT IN AGRICULTURE: HOLDINGS BY NUMBER OF PERMANENT WORKERS	Number of holdings
Total	26 519
1 permanent worker	13 508
2 permanent workers	6 160
3 permanent workers	2 395
4 permanent workers	1 360
5 permanent workers and more	3 096

LAND USE	Number of holdings	Area (ha)
Total land	598 742	5 316 161
Agricultural land	-	4 005 594
Cropland	-	3 135 152
Arable land	-	2 345 700
Land under temporary crops	-	1 515 336
Land temporarily fallow	-	830 364
Land under permanent crops	-	789 452
Land under permanent meadows/pastures	-	870 442
Wood or forest land	-	978 314
All other land	-	332 253

IRRIGATION	
Number of holdings reporting normally irrigated land	472 641

TEMPORARY CROPS (on arable land)	Number of holdings reporting
Wheat	57 062
Rye	99 297
Barley	19 640
Oats	50 929
Rice	5 498
Millet	299 122
Potatoes	344 189
Beans, edible dry	216 235

PERMANENT CROPS	Number of holdings reporting
Apples	50 282
Pears	31 022
Peaches	29 297
Oranges	55 313
Almonds	29 712
Olives	177 341
Grapes	366 901

LIVESTOCK	Number of holdings reporting
Cattle	219 550
Sheep	101 289
Goats	94 003
Pigs	238 729
Horses	20 643
Chickens	415 852

MACHINERY / EQUIPMENT	Number of holdings reporting
Tractors	109 126
Mowers	12 841
Harvester/threshers (combines)	3 843
Power tillers	71 271
Fertilizer distributors	14 667
Sprayers/dusters	28 944

IRRIGATION FACILITIES	Number of holdings reporting use
Boreholes	405 326
Ponds	36 772
Streams	115 987
Sprinklers	26 006
Drop irrigation	769
Gravitational flow	160 936

Portugal Agricultural Census 1989 – Explanatory Notes

Historical outline: The last General Agricultural Census in Portugal was conducted in 1989. Three general agricultural censuses had been conducted previously: in Portugal Mainland in 1952-54, 1968 and 1979; in the autonomous region of Azores in 1964, 1977 and 1985; in the autonomous region of Madeira in 1964, 1977 and 1986.

Organization: The National Institute of Statistics was entrusted with the census: its Department of Agriculture and Fisheries Statistics was the responsible organism for the development of census plans, coordination and execution of census operations. As a result of the agreement between the National Institute of Statistics and the General Direction of Planning and Agriculture (MAPA), the organization of census field work in Portugal Mainland was assigned to the Statistics Divisions of the Regional Directions of Agriculture (DRAs) depending on MAPA. 100 technicians from the DRAs operated as field work coordinators responsible, in turn, for about 300 supervisors and 2000 enumerators. In the autonomous regions of Azores and Madeira, the execution of census operations was ensured by the Statistical Regional Services in collaboration with the Regional Offices of Agriculture and Fisheries.

Enumeration period: The fourth General Census of Agriculture was conducted between December 1989 and July 1990.

Reference date: Data on holding's characteristics, irrigation, use of machinery and equipment, holder's household employment, occasional workers and marketing of farm products refer to the agricultural year 1988-89. Data on number of livestock, number of machinery, farm population and hired permanent workers refer to the day of enumeration.

Definitions: Agricultural holdings are those reporting at least 1 Ha of agricultural area in Portugal Mainland, and 0.1 Ha in Azores and Madeira. Agricultural holdings are also considered those not reaching the above-mentioned limits, but reporting at least one of the following:

- 0.5 Ha of specialized cultures;
- 0.05 Ha of flowers or greenhouses or nurseries;
- 0.1 Ha of specialized garden crops or seed crops;
- 0.2 Ha of tobacco or orchards or wines or hops;
- 1 breeding bull or 1 cow or 1 swine;
- 2 cattle two years old;
- 3 pigs for fattening;
- 6 sheep or goats; 10 female rabbits; 100 chickens;
- 10 beehives;
- a certain livestock production for the 1988-89 agricultural season.

The above-mentioned limits, valid for Portugal Mainland, were lowered and adapted to the peculiar characteristics of the autonomous insular regions of Azores and Madeira.

Coverage: The census covered the entire country, i.e. Portugal Mainland, Azores and Madeira islands.

Frame: Enumerators were provided with lists of agricultural holders obtained updating those used for the 1979 Agricultural Census.

Methods: The country is administratively divided into 18 "Distritos", 275 "Concelhos" and 3848 "Freguesias." It also consists of 9 agricultural regions in the continent, plus 2 insular regions. The census was carried out by complete enumeration; data were collected through direct interview; about 600,000 questionnaires were completed.

Data source: Instituto Nacional de Estatística - Recenseamento Geral Agrícola - Resultados definitivos - Dados Gerais - 1989.

Mailing address: Instituto Nacional de Estatística - Av. António José de Almeida - 1078 Lisboa codex; Tel. (01) 8470050; Telex 63738 PCDINE P; Fax (01) 8489480.