

Guatemala - Agricultural Census 2003 - Main Results

Number and area of holdings		
	Number of holdings	Area of holdings (ha)
Total	830 684	3 750 855

Number and area of holdings by size		
	Number of holdings	Area (ha)
Total	830 684	3 750 855
0.4 - 0.7 ha	375 708	121 655
0.7 - 1.4 ha	185 196	170 976
1.4 - 3.5 ha	157 681	317 124
3.5 - 7.1 ha	46 099	210 296
7.1 - 22.6 ha	39 599	475 998
22.6 - 45.2 ha	10 929	332 138
45.2 - 452 ha	14 593	1 299 209
452 - 903.2 ha	610	361 983
903.2 - 2258 ha	222	284 784
2258 - 4516 ha	37	114 187
4516 - 9032 ha	9	50 973
9032 ha and over	1	11 530

Legal status		
	Number of holdings	Area (ha)
Total	830 684	3 750 855
Civil person	815 456	3 221 226
Corporation	1 391	410 951
Cooperative	6 274	68 145
Government	4 632	28 928
Others	2 931	21 605

Holdings by tenure		
	Number of holdings	Area (ha)
Total	830 684	3 750 855
Under one form of tenure	717 620	3 416 853
Owned	610 691	3 122 942
Rented	81 744	190 304
Under other single forms	25 185	103 607
Under more than one form of ten.	113 064	334 002

Holders by sex		
		Number of holders
Total		819 162
Male		755 535
Female		63 627

Holders by age		
		Number of holders
Total holders reporting		654 441
Under 18 year		1 538
18 to 24 years		46 490
25 to 34 years		144 763
35 to 44 years		167 812
45 to 54 years		133 680
55 to 64 years		85 135
65 years and over		75 023
Holders not reporting age		164 721

Land use		Number of holdings	Area (ha)
All land		830 796	3 748 037
Agricultural land		—	2 949 325
Cropland		—	2 051 313
Arable land		767 798	1 426 698
Permanent crops		209 979	624 615
Permanent meadows and pastures		54 330	898 012
Wood/forest land		104 184	606 987
All other land		272 736	191 725

Temporary crops	Holdings reporting	Area harvested (ha)	Production (M.T.)
	Maize (white)	589 377	565 108
Maize (yellow)	190 622	90 474	278 507
Maize (other)	18 495	5 068	15 346
Sorghum	21 266	26 248	81 803
Sorghum for silage	27	381	37 599
Wheat	4 870	1 442	5 462
Rice	2 756	4 773	25 839
Potatoes	26 984	6 813	225 460
Sesame seed	7 018	16 906	27 274
Groundnuts	2 830	1 829	5 477
Black beans	292 961	210 435	225 945
Broad beans	19 052	6 758	4 986
Tobacco	732	2 477	11 942
Ayote (Cucurbita Pepo)	14 659	7 240	13 172
Onions	4 997	1 346	52 668
Melons	108	5 593	290 660
Cucumbers	552	421	17 047
Beets	1 467	287	9 048
Chinese Cabbage	2 450	576	50 153
Watermelons	713	1 475	66 472
Tomatoes	5 398	3 438	185 812
Carrots	4 098	917	36 669

Permanent crops	Holdings reporting	Total area (ha)	Area under trees of productive age (ha)	Area under trees of unproductive age (ha)	Scattered trees	Production (M.T.)
	Avocados	57 876	5 595	3 926	1 669	210 288
Bananas	68 948	23 695	21 788	1 908	2 943 013	1 409 710
Cocoa	9 172	2 719	2 254	465	83 398	14 559
Coffee	171 334	270 049	255 564	14 485	2 718 949	2 009 076
Sugarcane	14 092	189 459	183 638	5 821	282 585	36 022 163
Cardamon	57 434	46 647	38 373	8 274	307 059	138 265
Plums and prunes	11 394	1 189	996	193	61 216	5 994
Peaches	53 059	3 095	2 149	946	340 621	50 632
Flowers/Ornamental plants	4 705	2 411	2 019	392	14 045 542	32 584
Chayote (Sechium edule)	4 144	1 235	1 213	22	7 595	25 804
Rubber	987	38 609	29 256	9 352	1 179	175 821
Lemons	40 773	5 451	3 774	1 677	135 888	148 421
Macadamia nuts	350	3 043	2 408	635	8 728	17 126
Mangoes	42 426	8 605	7 413	1 192	206 714	172 695
Apples	29 599	3 184	2 616	568	159 627	43 518
Oranges	60 280	5 363	4 241	1 121	720 572	268 600
Oil palm	49	31 299	23 773	7 525	27	704 023
Papayas	5 678	1 005	682	323	43 373	65 347
Pineapples	7 560	2 379	1 736	644	402 848	124 419
Plantains	14 879	11 992	9 024	2 968	327 243	590 145

Livestock		
	Number of holdings reporting	Number of head/Units
Cattle, total	106 789	1 627 522
Male	—	530 489
Female	—	1 097 033
Buffaloes	95	1 948
Sheep, total	39 080	313 504
Male	—	88 617
Female	—	224 887
Goats, total	9 673	50 152
Male	—	15 033
Female	—	35 119
Vicuñas, Guanacos, Alpacas, Llamas, Total	3 233	27 178
Male	—	9 569
Female	—	17 609
Pigs, total	110 861	419 170
Male	—	169 479
Female	—	249 691
Horses	87 608	160 813
Mules	31 995	47 624
Asses	7 127	10 238
Chickens, Cocks, Pullets	229 379	21 518 212
Quails	1 203	91 701
Ducks	54 428	296 148
Turkeys	83 572	338 743
Rabbits	6 905	37 125
Beehives	4 608	60 039

GUATEMALA - Agricultural Census 2003 – Explanatory Notes

Historical outline: The first National Census of Agriculture (I Censo Nacional Agropecuario – CENAGRO) was conducted in Guatemala in 1950. The second CENAGRO was carried out in 1964, while the third was undertaken in 1979. The latest CENAGRO, to which data here presented refer, was conducted, after a 24-year interval, in 2003.

Organization: The National Statistical Institute (INE) of Guatemala was the Responsible Office for the development of the Integrated Project for National Censuses, which included, in addition to the 4th National Census of Agriculture here presented (IV Censo Nacional Agropecuario - CENAGRO), also the 9th Population Census and the 6th Housing Census. Other Government Agencies and Institutions collaborated at national and local level with INE in the organization and conducting of the Census of Agriculture: principal partner to INE was the Ministry of Agriculture, Livestock and Food (MAGA). Also international agencies like the Food and Agriculture Organization of the United Nations (FAO of the UN) and the United Nations Population Fund (UNFPA) participated in the census project, providing technical and financial assistance. Regarding to census staff, more than 10,000 persons were involved in census operations.

Enumeration period: The Enumeration period run between 4 and 31 May 2003.

Reference date:

The day of the interview (*one day between 4 and 31 of May 2003*) was considered as reference date for the following census items: general characteristics of holding, fragmentation, legal status, tenure, land use, number of large and medium livestock, poultry, rabbits, bee-hives, machinery and equipment present on the holding.

The day before the interview was the reference date for number of pregnant cows, sheep and goats and for milk and egg production.

The agricultural year 1st of May 2002 to 30th of April 2003 was the reference period for area harvested and production of temporary crops; area planted, harvested and production of permanent and semi-permanent crops; use of fertilizers; cattle births and deaths; honey and wax production; technical and financial assistance to holders; machinery and equipment used on the holding; employment on the holding during the agricultural year.

Definitions: **Finca Censal** is all land owned or rented totally or partially by the holder and kept for agricultural production. It may consist of one or more parcels, if located in the same municipality and managed by one or more individuals or juridical persons sharing the same production means.

Coverage: The IV Censo Nacional Agropecuario covered the entire country, excluding some few cases, like in the Municipality of Andrés Sajcabajá, Department of Quiché, where insecurity problems arose, making impossible for enumerators to perform data collection. Anyway, 90.2% of all agricultural holdings and 89.9 % of holders were covered by IV CENAGRO.

Frame: On the occasion of the complete census, the existing lists of agricultural holdings are refreshed and kept updated. This is a basilar exercise in order to build a sampling frame for inter-censal or annual agricultural surveys.

Methods: Prior to start main census operations, a Pilot Census was conducted between 27 and 29 January 2003 in six municipalities, in order to test the quality of census organization. Then, complete enumeration of agricultural holdings was carried out through direct interview.

Data source: República de Guatemala – Instituto Nacional de Estadística – VI Censo Nacional Agropecuario – Características Generales de las Fincas Censales y de Productoras y Productores Agropecuarios (Resultados Definitivos) – Tomo I – Enero 2004

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