

## ECUADOR - Agricultural Census 1999/2000 – Main Results

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

Number and area of holdings		
	Number of holdings	Area of holdings (ha)
Total	842 882	12 355 831

Number and area of holdings by size		
	Number of holdings	Area of holdings (ha)
Total	842 882	12 355 831
<1 ha	248 398	95 834
1-2	117 660	156 016
2-3	78 850	183 354
3-5	90 401	339 021
5-10	101 066	688 987
10 - 20	75 660	1 017 807
20-50	76 792	2 372 027
50-100	34 498	2 242 409
100-200	12 941	1 666 879
200 >	6 616	3 593 496

Legal status		
	Number of holdings	Area (ha)
Holdings, total	842 882	12 355 831
Civil persons	832 749	10 675 018
Corporation	4 686	1 418 371
Government	1 229	73 261
Other	4 218	189 181

Tenure of land		
	Number of holdings	Area (ha)
Holdings, total	842 882	12 335 831
Under one form of tenure	709 048	11 157 838
Owned	577 195	8 881 506
Rented	10 135	93 189
Other single forms of tenure	121 718	2 183 143
Under more than one form of tenure	133 834	1 197 993

Holders by sex		
	Number of holders	
Total	842 882	—
male	629 151	—
female	213 731	—

Hired permanent workers		
	Holdings reporting	Number of workers
Total	57 440	250 305

Land use		
	Number of holdings	Area (ha)
All land	842 882	12 355 831
Agricultural land	—	8 063 511
Cropland	—	2 976 379
Arable land	—	1 612 979
I. under temp. crops	629 055	1 231 675
I. temporarily fallow	136 815	381 304
Permanent crops	304 206	1 363 400
Permanent mead./pastures	—	5 087 132
Wood / forest land	242 912	3 881 140
All other land	717 328	411 180

<b>Temporary crops</b>		
	Holdings reporting	Area (ha)
Rice	75 814	343 936
Dry peas	15 780	19 438
Maize, total	–	323 803
Maize (hard)	81 943	240 201
Maize (sweet)	104 513	83 602
Maize choclo, total	–	25 543
Maize choclo (hard)	4 351	3 745
Maize choclo (sweet)	45 675	21 798
Potatoes	82 759	47 494
Soybeans	4 226	54 350

<b>Permanent crops</b>		
	Holdings reporting	Area (ha)
Bananas	28 619	180 331
Cocoa	58 466	243 146
Coffee	57 153	151 941
Maracuya	9 088	28 747
Oil palm	3 591	146 314
Plantains	50 483	82 341
Sugarcane for other uses	35 508	42 606
Sugarcane for sugar	1 700	82 749

<b>Livestock</b>		
	Holdings reporting	Head/units
Cattle	427 514	4 486 020
Sheep	178 995	1 127 468
Goats	16 405	178 367
Pigs	440 475	1 527 114
Horses	189 289	375 760
Mules	73 494	130 091
Asses	128 006	176 390
Alpacas	206	2 024
Llamas	7 610	21 662
Rabbits	71 951	515 809
Chickens (courtyard)	582 492	9 172 193
Broilers (intensive)	2 270	19 595 058
Laying hens (intensive)	712	6 714 654
Ducks	74 309	404 672
Turkeys	30 931	117 758

# ECUADOR - Agricultural Census 1999/2000 - Explanatory Notes

## Historical outline:

The first census of agriculture in Ecuador (Primer Censo Nacional Agropecuario por Muestreo) was conducted in 1954; in 1968 an agricultural sample survey (Encuesta Agropecuaria Nacional) was carried out; then in 1974 a complete enumeration census (Segundo Censo Agropecuario Nacional) was undertaken: The latest agricultural census, to which data here refer, was conducted in 1999/2000.

## Organization:

The census was conducted by the National Institute of Statistics and Censuses (Instituto Nacional de Estadística y Censos, INEC) in collaboration with the Ministry of Agriculture and Livestock (Ministerio de Agricultura y Ganadería, MAG). Technical and Financial support was provided by the Information and Agricultural Census Service Project (SICA) funded by the World Bank. International technical assistance was provided by the National Agricultural Statistics Service (NASS) of the Department of Agriculture of the United States (USDA).

## Enumeration period:

Data were collected during the period 1 October 1999 to 30 September 2000.

## Reference date:

Is the day of enumeration for general characteristics of holdings, land use, tenure, irrigation machinery, livestock number, farm population and employment. For temporary and permanent crops production, livestock production and technical assistance, is the census year.

## Definitions:

### Unidad de Producción Agropecuaria (UPA):

Is a piece of land of at least 500 square meters, totally or partially used for agriculture, considered as an economic unit under single management, regardless to title or legal form. Those less than 500 square meters were considered UPAs only if they produced one or more products for sale during the census year.

## Coverage:

The census covered the entire country.

## Frame:

The census was based on a multiple purpose frame. An exhaustive, ordinate register of enumeration units, called Marco Muestral de Lista (MML) was prepared for large and specialized holdings. For remaining UPAS, the area to be covered was divided into first stage units called: UPM (Unidades Primarias de Muestreo) and each UPM into second stage units called SMs (segmentos de muestreo).

## Methods:

For large and specialized UPAs, complete enumeration was carried out. For remaining UPAS, an area sampling method was applied and 12.277 SMs were selected and totally covered. Aerial photos and satellite images were used; about 2575 persons were involved in central and field work, of which about 250 from INEC and MAG, the others hired after a selection.

## Data source:

INEC, III Censo Nacional Agropecuario, Resultados Nacionales, Vol. I

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