

## Fiji Agricultural Census 1991 – Main Results

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

<b>NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS</b>		
Holding size classes	Number of holdings	Area (ha)
Total	95 400	591 407
Holdings without land	13 068	0
Under 1 ha	28 252	11 358
1 and under 3 ha	17 638	32 000
3 and under 5 ha	12 276	49 321
5 and under 10 ha	12 703	87 283
10 and under 20 ha	6 332	85 334
20 and under 50 ha	3 173	98 141
50 and under 100 ha	1 407	95 471
100 ha and above	551	132 499

<b>AREA OF HOLDINGS BY TENURE OF LAND OPERATED</b>	Area (ha)
Total	591 407
Area owned or in ownerlike possession	93 365
Area rented from others	294 972
Area under tribal or traditional communal tenure	190 380
Area operated under other forms of tenure	12 690

<b>LEGAL STATUS OF THE HOLDER</b>	Number of holdings
Total	95 400
An individual or a household	89 728
Two or more individuals or households	860
Corporation	86
Cooperative	191
Collective	1 380
Government	52
Others	567
Not stated	2 536

<b>HOLDERS BY AGE</b>	Number of holders
Total	95 400
10 to 19 years	828
20 to 39 years	32 904
40 to 59 years	43 955
60 years and over	15 601
Of age not specified	2 112

<b>HOLDERS, BY SEX</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Not classified by sex</b>
Number of holders	95 400	88 431	4 857	2 112

<b>MEMBERS OF THE HOLDER'S HOUSEHOLD, INCLUDING HOLDER, BY SEX</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
Household members	469 797	248 732	221 065

<b>EMPLOYMENT IN AGRICULTURE: Household members 10 years of age and over</b>	<b>Household members</b>
Engaged in agricultural work on the holding	127 877
Engaged in agricultural work off the holding	45 688
Not economically active	215 092

<b>LAND USE</b>	<b>Area (ha)</b>
Total land	591 407
Agricultural land	424 685
Cropland	251 279
Arable land	67 157
Land under temporary crops	33 179
Land temporarily fallow	33 978
Land under permanent crops	184 122
Land under permanent meadows/pastures	173 406
Wood or forest land	112 697
All other land	54 025

<b>TEMPORARY CROPS (pure stand only)</b>	<b>Area (ha)</b>
Sugar cane	112 192
Rice	9 642
Cassava	6 220
Dalo	1 810
Maize	1 483
Sweet potatoes	969
Cabbage	469
Tomatoes	449
Pigeon peas	407
Yam	374
Watermelons	320
Groundnuts	314
Okra	313
Yaquona	258
Eggplant	247
Tobacco	177
Pumpkins	155
Ginger	116
Cucumbers	94
Cow peas	71

<b>PERMANENT CROPS</b>	<b>Area (ha)</b>
Coconut	28 968
Cocoa	3 335
Bananas	901
Pineapples	392
Oranges	373
Duruka	255
Coffee	216
Bele	77
Papaya	54

<b>LIVESTOCK</b>	<b>Number of holdings reporting</b>	<b>Total number of head</b>
Cattle	42 789	280 221
Under 1 year of age	-	46 062
1 - 3 years of age	-	46 109
3 years of age and above	-	155 898
Of age not stated	-	32 152
Goats	24 027	187 235
Pigs	14 609	90 850
Horses	18 766	-
Chickens	64 788	781 173
Ducks	17 784	135 935

<b>MACHINERY / EQUIPMENT</b>	<b>Number of holdings reporting ownership</b>
Tractors	6 419
Rotary tillers	3 676
Scarifiers	996
Cars/Vans	1 579
Lorries	2 341

<b>FERTILIZERS / PESTICIDES</b>	<b>Number of holdings reporting use</b>
Inorganic fertilizers	33 738
Pesticides	35 957

## Fiji Agricultural Census 1991 – Explanatory Notes

**Historical outline:** Fiji's first agricultural census was taken in 1968, the second in 1978 (both with technical assistance of the Food and Agriculture Organization of the UN and the UN Development Program), while the last one, to which present notes and data refer, was conducted in 1991.

**Organization:** The Census was organized and conducted under the responsibility of the Statistics Unit of the Agricultural Planning and Statistics Division of the Ministry of Primary Industries and Cooperatives. Financial and technical assistance was given by the UN Development Program, together with the Food and Agriculture Organization of the UN and by the Australian International Development Assistance Bureau (AIDAB). Field work was carried out by 72 enumerators and 20 supervisors; photointerpreters, data processing experts, and clerical staff should also be mentioned.

**Enumeration period:** The census was carried out during the period 10 June - second week of August 1991.

**Reference date:** Data on number and area of holdings, land tenure, legal status, land use, permanent crops, number of livestock and poultry, refer to census day. Data on employment and farm population refer to the week preceding the enumeration day. Data on temporary crops, farm produce, use of fertilizers, use of machinery, refer to census year 1 July 1990 - 30 June 1991.

**Definition:** A holding is an economic unit of agricultural production reporting at least:

- 0.01 Ha of temporary crops, or permanent crops, or fallow land, or pastures;
- any piece of land, even less than 0.01 Ha and uncultivated, but with at least one head of cattle or one goat, pig, horse, sheep, poultry;
- any livestock or poultry without any land to manage.

**Coverage:** All farms (reporting units) existing in Fiji on the census day were covered; the urban sector (cities and towns) and lands totally under forests or one hundred percent not suitable for agriculture, were excluded from the coverage. Data on **Pigs and Chickens**, shown below, exclude commercial farms.

**Frame:** The Area Sampling Frame methodology was used. The Segment (SM) was the primary sampling unit. The complete list of SMs was used as frame.

**Methods:** A stratified two-stage sample survey was carried out. The 895 Enumeration Areas (EAs), 646 rural and 249 urban, used for the 1986 Population Census, were classified into 9 main strata and 21 sub-strata, according to importance, intensity and type of agriculture (land use). The EAs were divided into segments (SMs), i.e. pieces of land with physically defined boundaries of different sizes. 1220 SMs out of 14413 in rural sector, and 50 SMs out of 1933 in peri-urban areas, were systematically sampled all over the country; all farms (reporting units) in the sample SMs were investigated, following a weighted-segment method, by enumerators through direct interview.

**Data source:** Ministry of Primary Industries and Cooperatives - Agricultural Planning and Statistics Division - Statistics Unit - Fiji National Agricultural Census 1991 - Suva, Fiji 1992.

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