

Botswana - Agricultural Census 2004 - Main Results

Number and area of holdings

	Number of holdings	Area of holdings (ha)
Total	51 264	96 840
Of which without land	23 781	-

Holders by sex and age (traditional sector)

	Male	Female
Total	33 114	17 576
12 to 14 years	2	-
15 to 19 years	20	20
20 to 24 years	223	179
25 to 29 years	706	413
30 to 34 years	1 308	634
35 to 39 years	1 929	1 095
40 to 49 years	6 216	34 000
50 to 59 years	8 164	3 822
60 to 64 years	3 878	1 881
65 years and over	10 215	5 956
Age not stated	453	176

Employment in agriculture

	Holdings reporting	Number of workers
Hired workers (traditional sector)	9 990	12 885

Farm population by age

	Number of persons
Total	201 177
Under 6 years	32 288
6 to 9 years	18 872
10 to 14 years	24 498
15 to 19 years	19 462
20 to 24 years	18 267
25 to 29 years	12 899
30 to 34 years	10 487
35 to 39 years	8 448
40 to 49 years	16 714
50 to 59 years	14 434
60 to 64 years	6 359
65 years and over	17 680
Age not stated	769

Temporary crops		
Maize		
Number of holdings reporting		22 828
Area harvested (ha)		21 187
Production (metric tons)		4 291
Millet		
Number of holdings reporting		5 011
Area harvested (ha)		2 604
Production (metric tons)		962
Sorghum		
Number of holdings reporting		16 364
Area harvested (ha)		30 214
Production (metric tons)		6 095
Edible dry beans/ other pulses		
Number of holdings reporting		18 844
Area harvested (ha)		4 325
Production (metric tons)		1 093
Groundnuts		
Number of holdings reporting		2 253
Area harvested (ha)		252
Production (metric tons)		119
Sunflower seed		
Number of holdings reporting		264
Area harvested (ha)		2 830
Production (metric tons)		479

Livestock		
	Holdings reporting	Number of head
Cattle, total	33 893	1 305 092
Sheep, total	9 313	144 528
Under 1 year		
Total	—	39 786
Male	—	19 160
Female	—	20 626
1 year and over		
Total	—	104 742
Male	—	23 314
Female	—	81 428
Goats, total	35 093	817 179
Under 1 year		
Total	—	266 085
Male	—	128 158
Female	—	137 927
1 year and over		
Total	—	551 094
Male	—	110 797
Female	—	440 297
Horses	6 675	29 280
Asses	25 512	198 087
Chickens	35 256	463 173
Pigs	253	2 129
Ostrichs	39	1 339

BOTSWANA - Agricultural Census 2004 - Explanatory Notes

Historical outline:

The 2004 Botswana Agricultural Census (2004 BAC) was the third census of agriculture in the country. Since 1967, annual agricultural sample surveys have been providing agricultural statistics. The first livestock census was carried out in 1971, while two agricultural censuses, covering both crops and livestock, were conducted in 1982 and 1993.

Organization:

The 2004 BAC was under the responsibility of the Central Statistics Office (CSO)- Ministry of Finance and Development Planning (MFDP). The Agricultural Statistics Unit (ASU) of CSO, jointly with the Division of Agricultural Planning and Statistics in the Ministry of Agriculture (MOA) carried out the census operations. 43 teams, consisting of three enumerators and one field supervisor each were deployed in the Agricultural Districts of the six Agricultural Regions into which the country was divided.

Enumeration period:

The Survey consisted of three phases: the first and second phases (January-June and July-September 2004), investigated the Traditional (Subsistence) Sector, while the third, lasting from November to December 2004, was dedicated to enumeration of the Commercial Sector.

Reference date:

For structural data: the *day of enumeration*. For crops: the *agricultural season*, consisting of the *planting season* (October-February) and the *harvesting season* (May-August). For livestock: the 12 month period prior to the enumeration day.

Definitions:

Holding is an economic unit of agricultural production under single management, comprising total land area, cultivated or under fallow, and livestock owned, managed, rented or operated by the holder. Pieces of land located inside or outside the selected blocks, in one or more separated areas, but inside the same Agricultural District, are considered part of the holding providing they share the same production means.

Coverage:

The Census covered the entire country. The 2004 BAC covered all agricultural holdings of both the Traditional and the Commercial Sector.

Frame:

- **The Sampling Frame for the Traditional (Subsistence) Sector** consisted of 3112 Enumeration Areas (EAs) obtained from the 4165 EAs of the 2001 Population and Housing Census (2001 PHC) after exclusion of all EAs demarcated for cities, towns, camps, commercial farms and ranches. A total of 1202 EAs were then selected as Primary Sampling Units (PSUs). The 2004 BAC frame constituted 211,956 agricultural holdings (Secondary Sampling Units (SSU) as enumerated in the 2001 PHC.
- **The Sampling Frame for the Commercial Sector** consisted of a list of freehold, leased and Tribal Grazing Policy Land (TGLP) farms or ranches, obtained from administrative registers..

Methods:

A stratified two-stage probability sample design was used for the **Traditional (Subsistence) Sector**. *In the first stage*, PSUs were selected systematically and with probability proportional to the total number of agricultural holdings (pps) enumerated during 2001 PHC. The *second stage* consisted of systematic selection of subsistence farmers listed in the selected PSUs. The final sample consisted of 24040 agricultural holdings. Complete enumeration of holdings was applied for the **Commercial Sector**.

Data source:

2004 BAC Report - CSO, MFDP -Gaborone, Republic of Botswana, February 2007.

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