

## 1. HISTORICAL OUTLINE

The first Census of Agriculture (CA) in the Kingdom of Eswatini was conducted in 1971/1972, followed by CAs carried out in 1983/1984, in 1992/1993, and in 2002/2003. The fifth CA was conducted in 2012/2013.<sup>1</sup>

## 2. LEGAL BASIS AND ORGANIZATION

### **Legal framework**

The Swaziland Statistics Act of 27 October 1967 defined the domains for which statistics (including agricultural statistics) should be collected and disseminated.

### **Institutional framework and international collaboration**

The organization of the CA of Swaziland was placed under the responsibility of the Central Statistical Office (CSO). The CA 2012/2013 was funded by the Government.

### **Census staff**

The staff for the field data collection consisted of 555 enumerators, coordinated by 56 supervisors.

## 3. REFERENCE DATE AND PERIOD

**Reference day:** the day of the interview, for inventory items, such as livestock numbers.

### **Reference periods:**

- agricultural season 2011/2012 (from October 2011 to April 2012), for crops, agricultural machinery used, etc.;
- crop season 2012/2013, for certain items such as method of ploughing; and
- the last 12 months, for the dynamics of livestock herds, etc.

## 4. ENUMERATION PERIOD

The data collection was conducted from October 2012 to June 2013 (see also section 8 below).

## 5. SCOPE OF THE CENSUS AND DEFINITION OF THE STATISTICAL UNIT

### **Scope of the census**

The scope of the CA 2012/2013 covered crop and livestock production activities, as well as forestry and fisheries activities. Nevertheless, units engaged in forestry or fisheries were not covered unless they also performed some crop or livestock production activities. A community survey was conducted along with the census.

### **Statistical unit**

The agricultural holding is the enumeration unit, “comprising all land used and all livestock kept wholly or partly for agricultural production purposes. An individual or household may exercise management, jointly by two or more individuals or households, or by a juridical person such as a corporation, cooperative or government agency”.

The CA 2012/2013 covered the holdings in the household and the non-household sectors.

## 6. GEOGRAPHIC COVERAGE

The census covered rural areas of the country.

## 7. CUT-OFF THRESHOLD AND OTHER EXCLUSIONS

No threshold was applied in the CA.

## 8. METHODOLOGY

### **Methodological modality for conducting the census**

The census data collection was conducted in two phases: (i) in the first phase, the enumeration of rural households<sup>2</sup> was conducted and the agricultural holdings were identified (a complete enumeration phase); (ii) in the second phase, area measurement and crop cutting were conducted in a sample of holdings.

### **Frame**

The census frame was built based on the EAs established for the Population and Housing Census (PHC) 2007.

### **Complete and/or sample enumeration method(s)**

The CA was a combination of: (i) a complete enumeration for certain items (in the first phase) and (ii) a sample enumeration of holdings for the items related to area and yield measurements and “general agricultural enquiries” (in the second phase).

<sup>1</sup> Kingdom of Eswatini (former Swaziland).

<sup>2</sup> Enumerations of “rural homesteads”.

**Sample design (if sampling was used)**

In each EA, a sample of ten holdings was selected for the data collection for the area and yield measurements and “general agricultural enquiries”.

**Data collection method(s)**

The face-to-face interviewing method using a paper questionnaire (PAPI method) was applied.

**Questionnaire(s)**

One questionnaire with different modules was used for the holdings.

Of the 16 core items required by the WCA 2010, the CA questionnaire covered 13 items.<sup>3</sup>

**9. USE OF TECHNOLOGY**

No information about the use of technology was provided in the census materials available.

**10. DATA PROCESSING AND ARCHIVING**

Manual data entry and editing (such as range and consistency edits, and imputations) were done using CPro software. Tables were generated and edited using, respectively, CPro and Microsoft Excel.

**11. CENSUS DATA QUALITY**

The fieldwork was organized in several phases, to ensure the quality of the data collected. An enumerator was responsible for data collection in three EAs established for the PHC 2007, according to an adjusted workload. S/he was part of a team of ten enumerators, supervised by a field supervisor, who checked the coherence and quality of each filled questionnaire.

**12. DATA DISSEMINATION AND USE**

Dissemination workshops were organized to release the census results.

At the time of publication, the CA report with the final results had not yet been released.

**13. DATA SOURCES**

Information provided by the Central Statistical Office.

**14. CONTACT**

Central Statistical Office

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<sup>3</sup> The following core items were not covered by the CA: (i) “Main purpose of production of the holding”; (ii) “Area of holdings according to land use types”; (iii) “Land tenure types on the holding”; and (iv) Presence of forests and other woodland on the holding.

ESWATINI – CENSUS OF AGRICULTURE 2012/2013 – MAIN RESULTS<sup>1</sup>

NUMBER OF HOLDINGS AND AREA, BY LEGAL STATUS	
	Holdings
<b>Total</b>	<b>108 164</b>
Individual	97 429
Cooperative	444
Other	10 291

HOLDERS, BY SEX AND AGE	
	Number
<b>Total</b>	<b>108 164</b>
Male	62 724
Female	45 440
Under 19 years	217
Male	88
Female	129
20–29 years	4 584
Male	2 580
Female	2 004
30–39 years	16 345
Male	10 227
Female	6 118
40–49 years	24 676
Male	14 650
Female	10 026
50–59 years	24 240
Male	14 170
Female	10 070
60–69 years	22 007
Male	12 329
Female	9 678
70–79 years	11 058
Male	6 094
Female	4 964
80–89 years	3 956
Male	2 007
Female	1 949
90 years and over	1 081
Male	579
Female	502

MEMBERS OF HOLDER'S HOUSEHOLD, BY SEX AND AGE	
	Number
<b>Total</b>	<b>728 223</b>
Male	348 825
Female	379 398
Aged 15 years and above	409 554
Male	187 907
Female	221 647
Aged 5–14 years	199 116
Male	100 856
Female	98 260
Aged under 5 years	119 553
Male	60 062
Female	59 491

HOLDINGS, BY HOUSEHOLD SIZE	
	Number
<b>Total</b>	<b>108 164</b>
1 person	6 373
2 persons	7 512
3–4 persons	22 906
5–6 persons	25 408
7–8 persons	18 227
9–10 persons	11 337
11 persons and over	16 401

LIVESTOCK		
	Holdings	Head
<b>Total holdings with livestock</b>	<b>86 609</b>	
Cattle	n.a.	624 383
Sheep	n.a.	21 571
Goats	n.a.	720 208
Pigs/swine	n.a.	46 775
Horses	n.a.	26 610
Poultry (1 000 head)	n.a.	n.a.
Chickens	n.a.	1 084
Ducks	n.a.	16
Turkeys	n.a.	13
Other	n.a.	25
Insects		
Bees (hives)	1 414	n.a.

TEMPORARY CROPS HARVESTED	
	Holdings
<b>Total</b>	<b>n.a.</b>
Cereals	n.a.
Maize	89 716
Sorghum	11 369
Vegetables and melons	n.a.
Cabbages	7 617
Tomatoes	9 161
Spinach	11 821
Onions	8 550
Carrots	4 977
Other vegetables	10 456
Oilseed crops	n.a.
Groundnuts	15 940
Sunflower	2 607
Leguminous crops	n.a.
Beans	13 742
Sugar crops	1 677
Other temporary crops	n.a.
Cotton	3 765

PERMANENT CROPS	
	Holdings
<b>Total</b>	<b>n.a.</b>
Tropical and subtropical fruits	n.a.
Avocados	32 859
Peaches	35 614
Papayas	26 078
Bananas	29 304
Other fruits	46 970
Citrus fruits	n.a.
Oranges	12 500

<sup>1</sup> According to the information provided by the Central Statistical Office.