

## 1. HISTORICAL OUTLINE

The General Agricultural Census (GAC) 2008/2009 is the first agricultural census to be carried out in Haiti. Earlier structural data on agriculture were provided through population censuses (PCs), which were conducted in 1950, 1971 and 1982, and included a section with agriculture-related items.

## 2. LEGAL BASIS AND ORGANIZATION

### **Legal framework**

The Law of 7 September 1951 organized the Haitian Institute of Statistics and Informatics<sup>1</sup> (IHSI) and charged it with the organization of the National Statistical System on a decentralized basis. The IHSI performs the normative role in the system and is responsible for demographic and social surveys; sectoral offices have the executive mandate for undertaking sector surveys and censuses.

The Presidential Decree published in the Official Gazette of 23 October 2008, Volume 163, No. 97, entrusted the Ministry of Agriculture, Natural Resources and Rural Development (MARNDR) with undertaking the GAC 2008/2009.

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

In support of the implementation of the census activities, the following bodies were set up:

- the Central Bureau of Agricultural Census (BCRA), which is responsible for planning and carrying out all census activities throughout the national territory, through the departmental sections of the GAC, which ensure coordination at the departmental level;
- the National Orientation Committee of the GAC, which backs census operations at high level; and
- the Technical Support and Steering Committee (CATP), which provides technical support to the Bureau Central Census of Agriculture (BCRA) in defining the methodological approach, and which includes mainly the IHSI, the National Coordination of Food Security (CNESA) and the National Centre for Geospatial Information (CNIGS).

The GAC was taken with the financial support of the EU and with technical assistance from FAO.

### **Census staff**

The census staff amounted to 1 210 persons, comprising the staff involved in census data collection (1 005 enumerators, 171 controllers, 17 county supervisors and 17 national supervisors) and the staff of the BCRA.

## 3. REFERENCE DATE AND PERIOD

**Reference day:** the day of the interview, for stock items.

**Reference period:** the agricultural year (from 1 March 2008 to 28 February 2009), for other items.

## 4. ENUMERATION PERIOD

The fieldwork started on 11 March 2009, and was finalized at the end of November 2009.

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

The **census scope** covered agricultural activities (crop and livestock production).

The **statistical unit** is the agricultural holding, defined as an economic unit of agricultural production subject to a single management, comprising all livestock therein and all land used wholly or partly for agricultural production, regardless of the title of ownership, legal status or size. A community survey was undertaken jointly with the GAC.<sup>2</sup>

## 6. GEOGRAPHIC COVERAGE

The GAC 2008/2009 covered the entire country.

## 7. CUT-OFF THRESHOLD AND OTHER EXCLUSIONS

Only the production units reaching or exceeding a conventional unit, the “farm unit”, were enumerated. The following thresholds were applied for the agricultural holdings to subject to enumeration:

- 0.04 carreaux of Utilised Agricultural Area (UAA)<sup>3</sup> (equivalent to 516 square meters, or 0.05 ha) for land without irrigation and 0.015 carreaux of UAA (equivalent to 193.5 m<sup>2</sup>, or 0.02 ha) for irrigated land;
- five trees of mango (for holdings with usufruct rights to trees);
- one cow or oxen, three goats or sheep (breeding females), three pigs (breeding females), five rabbits (breeding females), 15 hens or five beehives.

Nevertheless, the low thresholds made it possible to cover almost all farmers.

<sup>1</sup> Institut Haïtien de Statistique e d'Informatique.

<sup>2</sup> The community survey covered sociodemographic and geographic aspects of each commune, their agricultural characteristics, the state of the environment, natural risks, roads, water, energy, services, agro-industries, the cultural profile of the commune, the main economic activities, employment, social situation and conflicts and development perspectives.

<sup>3</sup> Carreaux de Surface Agricole Utile (SAU).

## 8. METHODOLOGY

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

The classical approach was used in the GAC. A community survey was conducted along with the GAC.

### **Frame**

The census frame was the cartography prepared in the pre-census phase.

### **Complete and/or sample enumeration method**

The AC was conducted using complete enumeration.

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

Not applicable.

### **Data collection method(s)**

The information was collected by means of face-to-face interviews with paper questionnaires (PAPI method).

### **Questionnaire(s)**

Two questionnaires were used: (i) to collect the GAC information at holding level and (ii) for the community survey. The GAC questionnaire included all 16 core items recommended in the WCA 2010.

## 9. USE OF TECHNOLOGY

Census results were disseminated and are accessible online.

## 10. DATA PROCESSING AND ARCHIVING

Data were manually entered and coded. Once the questionnaires were keypunched, a consistence checking programme was used.

## 11. CENSUS DATA QUALITY

Intensive field supervision was applied to ensure quality during the field operations. Manual editing and checks for inconsistencies were performed at central level. Many inconsistencies were solved through telephone communications.

## 12. DATA DISSEMINATION

The first provisional data were published in May 2011. In October 2012, the final GAC data were delivered, including the results of the community survey. Overall, 11 printed reports with CD-ROMs, one atlas and one leaflet were produced and disseminated. The products with census results, including metadata, were also published online.

## 13. DATA SOURCES

**MARNDR.** 2019. *Recensement Général de l'Agriculture* [online]. Port-au-Prince, Haiti. [Cited 29 July 2019]. <http://www.agriculture.gouv.ht/view/01/?Recensement-General-de-l-465#.W7UhZWgzZPY>

## 14. CONTACT

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# HAITI – AGRICULTURAL CENSUS 2008/2009 – MAIN RESULTS

NUMBER OF HOLDINGS WITH UAA, BY LEGAL STATUS		
	Holdings	UAA (ha)
<b>Total</b>	<b>1 018 951</b>	<b>949 752</b>
Civil persons	1 015 024	945 770
Juridical persons	3 927	3 981

LAND TENURE		
	Holdings	Area (ha)
<b>Total</b>	<b>1 018 951</b>	<b>991 287</b>
Legal ownership and owner-like possession	n.a.	930 142
Non-legal ownership or owner-like possession	n.a.	52 470
Other form of tenure	n.a.	8 675

DISTRIBUTION OF HOLDINGS BY LAND SIZE CLASSES		
	Holdings	UAA (ha)
<b>Total</b>	<b>1 018 951</b>	<b>949 752</b>
Holdings without UAA	44 169	
Holdings with UAA	974 782	949 752
Less than 0,01 ha	11 048	476
0,01–0,13 ha	32 495	2 998
0,12–0,3 ha	83 000	15 201
0,3–0,4 ha	137 535	43 535
0,4–0,6 ha	182 740	97 962
0,6–1,29 ha	306 268	283 550
1,29–3 ha	168 832	294 737
3–4 ha	34 974	107 109
4–5 ha	9 901	43 202
5–6 ha	3 761	21 434
6–13 ha	3 820	31 475
13 ha and over	408	8 071

HOLDERS IN THE HOUSEHOLD SECTOR, BY SEX		
	Number	UAA (ha)
<b>Total</b>	<b>1 015 024</b>	<b>945 770</b>
Male	757 354	751 826
Female	257 670	193 944

HOLDERS IN THE HOUSEHOLD SECTOR, BY SEX AND AGE		
	Number	
<b>Total</b>	<b>1 015 024</b>	
Male	757 354	
Female	257 670	
Under 25 years	43 538	
Male	31 446	
Female	12 092	
25–34 years	159 033	
Male	114 174	
Female	44 859	
35–44 years	259 064	
Male	192 520	
Female	66 544	
45–54 years	272 507	
Male	209 948	
Female	62 559	
55–64 years	162 087	
Male	124 122	
Female	37 965	
65 years and over	118 795	
Male	85 144	
Female	33 651	

MEMBERS OF HOLDER'S HOUSEHOLD, BY SEX	
	Number
<b>Engaged in agricultural activities on the holding</b>	<b>4 297 249</b>
Male	2 382 282
Female	1 914 967

HIRED MANAGERS AND EMPLOYEES ON THE HOLDING	
	Number
<b>Total hired managers</b>	<b>14 625</b>
<b>Total employees</b>	<b>89 190</b>
Male	64 389
Female	24 801

HOLDINGS, BY MAIN PURPOSE OF PRODUCTION		
	Holdings	UAA (ha)
<b>Total producing mainly for</b>	<b>1 018 951</b>	<b>949 752</b>
Home consumption	407 612	310 552
Sale	611 339	639 199

LIVESTOCK		
	Holdings	Head
<b>Holdings with livestock</b>	n.a.	
Cattle	n.a.	1 103 532
Sheep	n.a.	359 181
Goats	n.a.	2 104 986
Pigs/swine	n.a.	1 093 749
Equines	353 654	623 678
Horses	197 216	273 017
Mules and hinnies	110 614	133 092
Asses	157 611	217 569
Poultry (1 000 head)	777 067	8 912
Chickens	765 422	7 323
Ducks	48 237	231
Geese	434	2
Turkeys	113 709	482
Pigeons	52 584	632
Guinea fowl	43 239	242
Insects		
Bees (hives)	6 148	31 376

IRRIGATION	
	Area irrigated (ha)
<b>Total irrigated land</b>	<b>97 015</b>

MACHINERY AND EQUIPMENT USED ON THE HOLDING	
	Holdings
Total tractors of all kind	9 148
Combine harvesters	260
Other (machine-powered)	n.a.
Electric generator	4 161
Irrigation pump	7 042
Spray pump	40 006
Tiller	7 351
Centrifuge	122
Milkmaid	23
Transport vehicle	3 120