

1. HISTORICAL OUTLINE

The Census of Agriculture (CA) 2013 was the first comprehensive CA to be conducted in the Republic of Tajikistan. Until 2013, only specialized agricultural censuses were conducted, such as the census of crop sown areas, the livestock census and the census of permanent crops.

2. LEGAL BASIS AND ORGANIZATION

Legal framework

The CA legislation included the following:

- Law on “State Statistics”, of 12 January 2010, No. 588;
- Resolution of the Government of 1 August 2011, No. 358, on “The Census of Agriculture of the Republic of Tajikistan in 2013”;
- Resolution of the Government of 31 May 2012, No. 291, on “Additional Measures for the Census of Agriculture of the Republic of Tajikistan in 2013”, which set up the Republican Commission for the CA and approved the Regulation on the Republican Commission for the CA.

Institutional framework and international collaboration

The institution in charge of the organization and carrying out of the CA is the Statistical Agency (SA), under the President of the Republic of Tajikistan. To facilitate the implementation of the CA, republican and regional commissions for the CA were established in accordance with the Government’s decisions. For the implementation of the CA, Tajikistan received technical assistance from FAO and financial support from the European Union (EU).

Census staff

Over 6 000 census staff were involved in the data collection process, including 3 200 enumerators.

3. REFERENCE DATE AND PERIOD

Reference day: 1 November 2013, for items related to livestock, agricultural machinery and equipment, etc.

Reference periods:

- agricultural year 2013 (from 1 November 2012 to 31 October 2013), for land use, use of pesticides, fertilizers, irrigation, etc.;
- calendar year 2012, for loans received for agricultural purposes.

4. ENUMERATION PERIOD

Enumeration was carried out from 15 November to 15 December 2013, except for the areas that were difficult to access; here, the census data were collected from 15 September to 15 October 2013.

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

Scope of the census

The CA covered the units engaged in crop and animal production. Some data on aquaculture activities carried out in association with the agricultural production activities of agricultural producers were also collected.

Statistical unit

The following categories of agricultural producers were distinguished in the CA: (i) in the non-household sector – agricultural enterprises with any organizational and legal form, subsidiary farms of enterprises and institutions, and *dekhkan* farms; (ii) in the household sector – agricultural production households and the households that were members of horticultural associations.

6. GEOGRAPHIC COVERAGE

The CA 2013 was carried out throughout the country, in both rural and urban areas.

7. CUT-OFF THRESHOLD AND OTHER EXCLUSIONS

No threshold was applied in the CA 2013.

8. METHODOLOGY

Methodological modality for conducting the census

The CA 2013 was carried out using the classical approach.

Frame

The census frame was established using the available statistical and administrative data sources.

Complete or/and sample enumeration methods

Complete enumeration was used in the CA 2013.

Sample design

Not applicable.

Data collection method(s)

Face-to-face interviewing using a printed questionnaire (the PAPI method) was applied to collect census data from the agricultural production households. Self-interviewing using paper questionnaires was applied to collect census data from agricultural holdings in the non-household sector.

Questionnaires

Two types of census questionnaire were applied: (i) Form 1-AP was used to collect data from agricultural producers in the non-household sector and (ii) Form 2-AP was used for the household sector.

The CA questionnaire included 13 of the 16 core items recommended in the WCA 2010¹.

9. USE OF TECHNOLOGY

No information on the use of new technology was provided in the census reports available.

10. DATA PROCESSING AND ARCHIVING

The AC data were captured manually and processed during the period February–September 2014.

11. CENSUS DATA QUALITY

The pilot census was conducted in 2012 and its findings were used to finalize the census methodology and tools.

12. DATA DISSEMINATION

Preliminary census results were released in 2017 and the final results in 2019. Census results were produced at national and subnational level.

13. DATA SOURCE

FAO. 2017. Regional Roundtable on the World Programme for the Census of Agriculture 2020 (WCA 2020). 3–7 April 2017, Budapest, Hungary. In: *World Programme for the Census of Agriculture* [online]. Rome, Italy. [Cited 4 September 2019]. <http://www.fao.org/world-census-agriculture/events/wca2020budapest/en/>

Statistical Agency under the President of the Republic of Tajikistan. 2018. *Census of Agriculture 2013 in the Republic of Tajikistan*. Dushanbe, the Republic of Tajikistan.

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¹ The following core items were not collected in the CA 2013: (i) "Main purpose of production of the holding"; (ii) "Presence of forests and other woodland on the holding"; and (iii) "Other economic production activities of the holding's enterprise".

TAJKISTAN – CENSUS OF AGRICULTURE 2013 – MAIN RESULTS

NUMBER OF HOLDINGS AND AREA, BY LEGAL STATUS		
	Holdings	Area (ha)
Total holdings with land	1 087 298	5 008 828
Agricultural households	1 006 129	268 249
Dekhan farms	77 430	3 444 701
Agricultural enterprises ¹	3 739	1 295 878

LAND USE ²		
	Holdings	Area (ha)
Total area of agricultural enterprises and dekhan farms	81 169	4 740 577
Agricultural land	81 169	4 734 488
Arable land	70 417	660 273
Land under meadows	2 623	20 865
Land under pastures	14 973	3 852 684
Land under permanent crops	26 157	169 242
Other (lode)	4 524	31 422
Non-agricultural land	502	6 089

LIVESTOCK		
	Holdings	Head
Total holdings with livestock	n.a.	
Cattle	591 753	2 104 739
Sheep	257 093	3 303 977
Goats	177 795	1 560 048
Horses	13 112	74 031
Poultry (1 000 head)	285 554	n.a.
Chicken	260 998	4 346
Geese	398	2
Ducks	1 373	12
Turkeys	7 386	45
Other	15 399	161
Insects		
Bees (hives)	n.a.	195 544

IRRIGATION BY LAND USE TYPES		
	Holdings	Area irrigated (ha)
Agricultural enterprises and dekhan farms with irrigated land	70 093	639 236
Arable land	61 201	477 899
Orchards	18 265	101 055
Vineyards	5 272	25 599
Others	n.a.	34 683

TEMPORARY CROPS PLANTED		
	Holdings	Area (ha)
Total	n.a.	n.a.
Wheat	305 510	298 848
Rice	19 816	12 538
Barley	33 716	56 995
Maize	72 850	17 066
Rye	10 163	11 000
Oats	1 935	3 307
Cucumbers	170 373	3 906
Carrots	234 771	7 106
Onions	213 811	14 041
Garlic	20 857	526
Cabbages	65 111	1 747
Pumpkin	46 248	790
Watermelons	21 124	13 503
Leguminous crops	86 753	15 973
Potatoes	542 656	42 244
Cotton	25 220	190 925
Tobacco	717	633
Sunflower	8 976	4 497
Fodder crops	214 701	27 014

PERMANENT CROPS		
	Holdings	Area
Total orchards and vineyards	n.a.	167 991
Orchards	91 936	130 178
Subtropical fruits	12 974	5 031
Citrus fruits	1 550	611
Pome fruits	62 276	49 221
Apples	59 583	41 214
Pears	13 857	4 674
Quinces	2 319	1 402
Other pome fruits	3 539	1 930
Stone fruits	40 561	70 004
Apricots	30 989	53 807
Cherries	8 341	1 877
Sour cherries	7 023	4 276
Peaches	6 648	5 528
Plums	2 169	1 862
Other stone fruits	1 819	2 655
Nuts	5 102	5 085
Berries	197	225
Other	7 648	n.a.
Vineyards (grapes)	72 984	37 813

¹ Agricultural enterprises of any organizational and legal form, subsidiary farms of enterprises and institutions.

² These data refer to holdings with land.