Israel - Agricultural Census 2017

Central Bureau of Statistics

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Identification

SURVEY ID NUMBER
ISR_2017_AC_v01_M_v01_A_ESS

TITLE
Agricultural Census 2017

TRANSLATED TITLE
מפקד חקלאות 2017

COUNTRY

Name	Country code
Israel	ISR

STUDY TYPE
Agricultural Census [ag/census]

SERIES INFORMATION
The first Agricultural Census in Israel was conducted in 1949/1950, followed by the ones in 1971, 1981, and 1995. The Agricultural Census 2017 was the fifth census to be conducted in Israel.

ABSTRACT
The Agricultural Census 2017 is intended to provide an up-to-date and reliable snapshot of agriculture and the structure of the agricultural farm in Israel following the changes that have taken place in agriculture in recent decades. The topics of investigation included information about the agricultural areas, how they are cultivated, water usage, and the use of other inputs in agriculture, such as labour, fertilizers, and pesticides; information on the types of crops and cultivation methods; characterization of the structure of the agricultural farms; and describing their economic activity.

KIND OF DATA
Census/enumeration data [cen]

UNIT OF ANALYSIS
Agricultural holdings

Scope

NOTES
The census scope covered agricultural activities (crops and livestock) and aquaculture.

The questionnaire collected information on:
1. Respondent Information
2. Identification
3. Information about the Farm
4. Workers
5. Plant Crops
6. Marketing of Agricultural Produce
7. Cultivation Methods, Irrigation, Pest Control, Fertilization, and Land Preservation
8. Livestock
9. Aquaculture
10. Percentage of Income from Agriculture
11. Associated Activities

KEYWORDS

Keyword
Structure of Agriculture

Land use
Crops
Livestock and Poultry
Labour in the Agricultural Sector
Aquaculture

Coverage

GEOGRAPHIC COVERAGE

The census covered all districts. The census included the Golan Heights.

UNIVERSE

The statistical unit was the agricultural farm defined as an economic unit that produces crops, animal (excluding hunting) or aquaculture products that sells its produce through various marketing channels and is known to the authorities or to the farmer organizations.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Central Bureau of Statistics (הלשכה המרכזית לסטטיסטיקה)

Sampling

SAMPLING PROCEDURE

The census frame was built from various sources: the Central Bureau of Statistics Business Register, the Ministry of Agriculture and Rural Development listings (based on requests of the farmers for foreign workers, water, and other production factors), listings of production boards such as the plants board and the milk board, listings of grower associations such as the poultry and cattle associations, and other relevant listings such as agricultural schools. In 2015 a preliminary survey was conducted within the organized farms. The survey checked the administrative listings with the water associations and verified the names of the active farm owners in each association. These sources were combined into a comprehensive frame. For the non-organized farms, an additional process was carried out for complementing contact information and avoiding duplication. The frame included 25 671 records of which 21 992 were interviewed. The main causes of non-response were farms that could not be located, communication problems, rejection, and temporary difficulty in responding, among others.

The census was a complete enumeration of the agricultural holdings in the frame.

Data collection

DATES OF DATA COLLECTION

Start	End
2018-06	2019-03

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi] Computer Assisted Web Interview [cawi] Computer Assisted Telephone Interview [cati]

DATA COLLECTION NOTES

The census office staff was made up of 32 people, among whom 4 were the staff responsible for agricultural statistics within

the Central Bureau of Statistics. The enumeration staff was made up of 8 supervisors and managers and 101 enumerators. The staff also included IT experts, a communication expert, who ran an Internet campaign for the census, methodological experts, and others.

The census used a combination of CAWI, CATI and CAPI methods. Holders received a notification letter with a link to complete the questionnaire via CAWI. If the holder did not complete it after a few weeks, the CATI method was used. If both methods failed, the CAPI method was used. For groups of agricultural farms with incomplete contact information data was collected using the CAPI method.

Information was collected for Druze villages in the Golan Heights through their agricultural associations, therefore, individual information was not collected about the activity on these farms.

QUALITY ASSURANCE
Various checks were used to avoid frame duplications. The data capture methods included some logical checks. Several questions were established as mandatory in the questionnaire. Consistency between variables and within records was checked along with comparison with administrative data at aggregated levels. If gaps were found, extensive verification was performed to track down the specific differences and correct errors.

Questionnaires

QUESTIONNAIRES
A single questionnaire that included three versions (general farm, Kibbutz, and firms/institutions/schools) was used for data collection.

The questionnaire covered 13 out of 23 essential items recommended in the WCA 2020.

Access policy

CONTACTS

Name	Email	URL
Central Bureau of Statistics (הלשכה המרכזית לסטטיסטיקה)	info@cbs.gov.il	Link

ACCESS CONDITIONS
For additional information on data access and use, please contact the Central Bureau of Statistics of Israel.
E-mail: info@cbs.gov.il
Website: https://www.cbs.gov.il/en/Pages/default.aspx

Metadata production

DDI DOCUMENT ID
DDI_ISR_2017_AC_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Central Bureau of Statistics (הלשכה המרכזית לסטטיסטיקה)			Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

Data Dictionary

Data file	Cases	Variables