

United States Virgin Islands - Census of Agriculture 2018

**Department of Agriculture of the United States Virgin Islands, United States
Department of Agriculture (USDA), National Agricultural Statistics Service (NASS)**

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Identification

SURVEY ID NUMBER

VIR_2018_CA_v01_M_v01_A_ESS

TITLE

Census of Agriculture 2018

COUNTRY

Name	Country code
United States Virgin Islands	VIR

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

The first Census of Agriculture was conducted in the United States Virgin Islands in 1920 and the second in 1930, in conjunction with the first decennial World Agricultural Census. Other censuses were conducted every ten years until 1960. Starting with the 1964 census, the United States Virgin Islands were included in the Agricultural Census Plan of the United States of America, under which censuses are conducted every five years. Successively, the dates were adjusted in order to coincide with economic censuses, so the following agricultural censuses were conducted in 1978 and 1982. After 1982, censuses reverted to a 5-year cycle. The Census of Agriculture 2018 was the fifteenth conducted in the territory.

ABSTRACT

The census of agriculture is the leading source of statistics about the United States Virgin Islands' agricultural production and the only source of consistent, comparable data at the island level. Census statistics are used to measure agricultural production and to identify trends in an ever-changing agricultural sector. The census includes data on the structure of agricultural land, crops and livestock, farm characteristics, as well as production expenses, value of agricultural products, and aquaculture.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

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

The questionnaire collected information on:

1. Land in agriculture
2. Field and forage crops
3. Vegetables
4. Fruits, nuts, trees and nursery crops
5. Land use
6. Irrigation
7. Livestock
8. Poultry
9. Aquaculture
10. Value of sales
11. Production expenses
12. Equipment
13. Practices
14. Government agricultural programs
15. Operator characteristics
16. Enumerator's record

KEYWORDS

Keyword
Structure of Agriculture
Land use
Crops
Livestock and Poultry
Labor in the Agricultural Sector
Aquaculture
Machinery and Equipment

Coverage

GEOGRAPHIC COVERAGE

The Census of Agriculture 2018 covered the entire territory of the United States Virgin Islands.

UNIVERSE

The statistical unit was the farm, defined as any place from which USD 500 or more of agricultural products were produced and sold, or normally would have been sold, during the calendar year 2018 (1 January - 31 December 2018).

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Department of Agriculture of the United States Virgin Islands
United States Department of Agriculture (USDA), National Agricultural Statistics Service (NASS)

PRODUCERS

Name	Affiliation	Role
Cooperative Extension Service	University of the Virgin Islands	Technical support

FUNDING AGENCY/SPONSOR

Name	Role
United States Federal budget	Funding

Sampling

SAMPLING PROCEDURE

The Census of Agriculture 2018 frame consisted of a list of farm operators compiled by the University of the Virgin Islands, Cooperative Extension Service, and the Department of Agriculture of the United States Virgin Islands.

The census was a complete enumeration of all farms from the frame, according to the census scope.

Data collection

DATES OF DATA COLLECTION

Start	End
2019-05	2019-09

DATA COLLECTION MODE

Pen and Paper Interview [papi]

DATA COLLECTION NOTES

The Census of Agriculture 2018 employed one project manager, one crew leader/supervisor, and approximately 25 enumerators who received special training in accordance with instructions prepared by the National Agricultural Statistics Service. The training included practice in interviewing and filling out the report form plus detailed discussion of the enumerator's instructions.

Data was collected via face-to-face interviews and paper forms (PAPI method).

****QUALITY ASSURANCE****

Ten percent of the captured data were keyed a second time for quality control. If differences existed, an adjudicator handled resolution. This was used to grade the performance of the keyers, who were required to maintain a certain accuracy level or receive additional training. The measured error rate for the entire survey was 0.39 percent.

Efforts were made to measure the error associated with the adjustments for non-response of farm operations on the list. This error measurement was developed from the standard error of the estimates at the island level, where appropriate, and were expressed as coefficient of variation (CV). Every estimate has a corresponding CV published with it.

Questionnaires

QUESTIONNAIRES

One questionnaire (report form) was used for data collection. The questionnaire covered 14 out of the 23 essential items recommended in the WCA 2020.

Data Processing

DATA EDITING

The National Agricultural Statistics Service undertook the data processing activities. Optical Mark Recognition (OMR) was used to capture categorical responses and to identify the other answer zones in which some type of mark was present. Each report form was reviewed and coded prior to data entry and subjected to a thorough computer edit. Report forms not meeting the census farm definition were voided. Missing information was derived using reported data for similar type and size farms in nearby areas. The cleaned data was tabulated by the computer and reviewed by analysts. Prior to publication, tabulated totals were reviewed by analysts to identify inconsistencies and potential coverage problems and trend discrepancies.

Access policy

CONTACTS

Name	Affiliation	Email	URL
Department of Agriculture of the United States Virgin Islands		info.doa@doa.vi.gov	Link
Cooperative Extension Service	University of the Virgin Islands		Link
National Agricultural Statistics Service (NASS)	United States Department of Agriculture (USDA)	nass@nass.usda.gov	Link

ACCESS CONDITIONS

For additional information on data access and use, please contact the Department of Agriculture of the United States Virgin Islands.

Website: <https://doa.vi.gov>

Email: info.doa@doa.vi.gov

Metadata production

DDI DOCUMENT ID

DDI_VIR_2018_CA_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Department of Agriculture of the United States Virgin Islands			Metadata producer
National Agricultural Statistics Service	NASS	United States Department of Agriculture (USDA)	Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

Data Dictionary

Data file	Cases	Variables
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