

# 2017 | CENSUS *OF* AGRICULTURE

## Virgin Islands of the United States (2018) Territory and Island Data Volume 1 • Geographic Area Series • Part 54

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United States Department of Agriculture  
**Sonny Perdue**, Secretary  
National Agricultural Statistics Service  
**Hubert Hamer**, Administrator

# Acknowledgments

The U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) conducted the 2018 Census of Agriculture for the U.S. Virgin Islands, analyzed the data, and prepared this and other reports. The census provides a comprehensive picture of the U.S. Virgin Islands' agriculture in 2018, and NASS recognizes and appreciates that many individuals and organizations contributed to the effort.

Most importantly, the success of the agriculture census depends directly on the cooperation of farmers and ranchers across the U.S. Virgin Islands. Recognizing that participating in the census is their responsibility and gives them a voice in their future, agricultural operators took the time to provide the information requested. We are grateful to every operator who participated in the 2018 U.S. Virgin Islands Census of Agriculture.

NASS acknowledges and appreciates the advice and support from the U.S. Virgin Islands Department of Agriculture, the University of the Virgin Islands and its Cooperative Extension Service; USDA agencies, farm organizations, stakeholder groups, and media outlets. They provided valuable advice during the planning, data collection, and promotional phases of the census, as well as critical assistance to local farmers completing census forms. Our thanks to the enumerators who collected data locally through NASS' cooperative agreements.

Numerous farm organizations and media outlets were also instrumental in building awareness of the census and encouraging farmers and ranchers to participate.

Finally, NASS acknowledges and appreciates the support services of the U.S. Department of Commerce National Processing Center in Jeffersonville, Indiana.

To learn more about the Census of Agriculture, visit [www.nass.usda.gov/AgCensus](http://www.nass.usda.gov/AgCensus), where you can access new and historic data in a variety of formats, including the [Quick Stats](#) database. To learn about other NASS reports and activities, visit [www.nass.usda.gov](http://www.nass.usda.gov). For additional information, contact NASS through email ([nass@usda.gov](mailto:nass@usda.gov)) or by phone (800-727-9540).

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# Introduction

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## HISTORY

For more than 150 years, the U.S. Department of Commerce, Bureau of the Census, conducted the census of agriculture. However, the 1997 Appropriations Act transferred the responsibility from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS).

The census of agriculture is taken to obtain agricultural statistics for each county, State (including territories and protectorates), and the Nation. The first U.S. census of agriculture data were collected in 1840 as a part of the sixth decennial census. From 1840 to 1920, an agricultural census was taken as a part of each decennial census. Since 1920, a separate national agricultural census has been taken every 5 years.

The 2018 census is the 15th census of agriculture of the U.S. Virgin Islands. The first, taken in 1920, was a special census authorized by the Secretary of Commerce. The next agriculture census was taken in 1930 in conjunction with the decennial census, a practice that continued every 10 years through 1960. The 1964 Census of Agriculture was the first quinquennial (5-year) census to be taken in the U.S. Virgin Islands. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data-reference year to coincide with other economic censuses. After 1982, the agriculture census reverted to a 5-year cycle.

## USES OF CENSUS DATA

The census of agriculture is the leading source of statistics about the U.S. 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. Many local programs use census data as a

benchmark for designing and evaluating surveys. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community. One of the most important uses of the census data is to justify claims of farmers who may suffer damages and losses due to natural disasters, such as hurricanes.

## LEGAL AUTHORITY

The census of agriculture is required by law under the "Census of Agriculture Act of 1997," Public Law 105-113 (Title 7, United States Code, Section 2204g). The law directs the Secretary of Agriculture to conduct a census of agriculture every fifth year. The census of agriculture includes each State, Puerto Rico, Guam, the U.S. Virgin Islands, the Commonwealth of Northern Mariana Islands, and American Samoa.

The data for the 2018 U.S. Virgin Islands Census of Agriculture were collected in accordance with a Cooperative Agreement approved by the Director of the Census and Survey Division of NASS and by the University of the Virgin Islands, Cooperative Extension Service.

## FARM DEFINITION

The statistics collected in the census relate to places with agricultural operations qualifying as farms according to the census definition. In the U.S. Virgin Islands, this included all places from which \$500 or more of agricultural products were produced and sold, or normally would have been sold, during the 12-month period between January 1 and December 31, 2018. The farm definition is the same that was used for the 2007 U.S. Virgin Islands Census of Agriculture.

## DATA COMPARABILITY

In general, the data from the 2018 census are comparable with those of previous censuses. All

dollar values presented in this report are expressed in current dollars, i.e., 2018 data are in 2018 dollars and 2007 data in 2007 dollars. The dollar values have not been adjusted for changes in price levels between census years. For other data changes between censuses, refer to the section on Data Changes in Appendix B.

## REFERENCE PERIODS

Inventories of livestock, poultry, and machinery and equipment are the number on hand on the day of enumeration. Crop production, crop and livestock sales, and expense data are for the 12-month period between January 1 and December 31, 2018.

## TABLES AND APPENDICES

Tables 1 through 18 show detailed data for the Virgin Islands and for St. Croix and St. Thomas/St. John, accompanied by historic data from the previous census. Tables 19 through 22 provide 2018 area data cross-tabulated by tenure of operator, age of operator, size of farm, and market value of agricultural products sold.

**Appendix A.** Provides information about data collection and data processing activities and discusses the statistical methodology used in conducting and evaluating the census.

**Appendix B.** Includes definitions of specific terms and phrases used in this publication, including items in the publication tables that carry the note "see text." It also provides a facsimile of the report form used to collect data.

## RESPONDENT CONFIDENTIALITY

In keeping with the provisions of Title 7, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification is not considered a release of

confidential information and is provided, even though other information may be withheld.

## CUSTOM TABULATIONS

Custom-designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Quick Stats, NASS's online database that allows data users to build customized queries, should be investigated before requesting a custom tabulation.

All custom tabulations are subject to a thorough disclosure review prior to release to prevent the disclosure of any individual respondent data. Requests for custom tabulations can be submitted via the internet from the NASS home page, by mail, or by e-mail to:

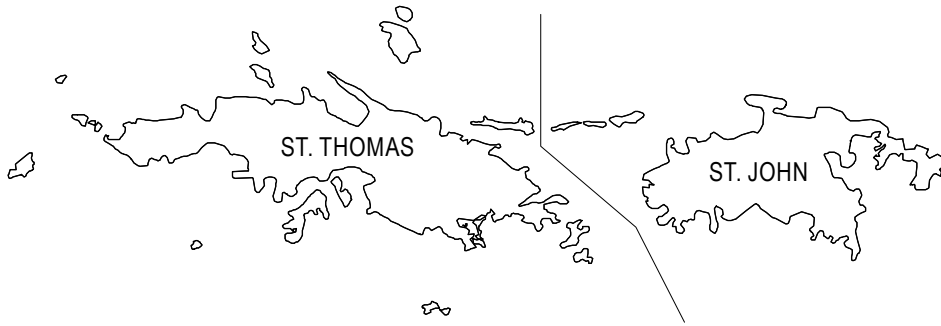
DataLab  
National Agricultural Statistics Service  
Room 5305A, Stop 2054  
1400 Independence Avenue, S.W.  
Washington, DC 20250-2054  
or [Datalab@nass.usda.gov](mailto:Datalab@nass.usda.gov)

## ABBREVIATIONS AND SYMBOLS


The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (H) Coefficient of variation is greater than or equal to 99.5 percent or the standard error is greater than or equal to 99.95 percent of the mean.
- (L) Coefficient of variation is less than 0.05 percent or the standard error is less than 0.05 percent of the mean.
- (NA) Not available.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq. ft. Square feet.

# Virgin Islands of the United States Map

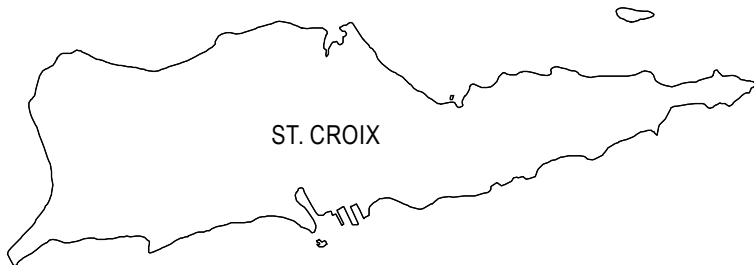
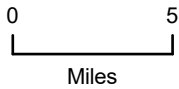


 U.S. Virgin Islands Territory Boundary

 NAME Island Boundary and Name

Source: U.S. Bureau of the Census.

Note: All boundaries and names are as of January 1, 2017.



**Table 1. Farms, Land in Farms, and Land Use: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Farms .....number	565	219	461	160	104	59
Land in farms .....acres	9,324	5,881	8,269	5,574	1,056	307
Average size of farm .....acres	16.5	26.9	17.9	34.8	10.2	5.2
Cropland .....farms	415	147	336	106	79	41
.....acres	2,620	493	2,102	399	518	94
Harvested .....farms	400	145	327	105	73	40
.....acres	1,374	304	1,248	246	126	58
Other .....farms	187	40	148	27	39	13
.....acres	1,247	188	854	152	393	36
Pasture or grazing land .....farms	224	103	185	79	39	24
.....acres	5,538	5,209	5,389	5,048	150	161
Woodland .....farms	53	19	28	11	25	8
.....acres	688	95	354	71	333	24
Other land .....farms	333	82	263	54	70	28
.....acres	476	83	422	55	54	28

**Table 2. Farms and Land in Farms by Size of Farm: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Farms .....number	565	219	461	160	104	59
Land in farms .....acres	9,324	5,881	8,269	5,574	1,056	307
Farm by size:						
Less than 3 acres .....number	268	86	203	56	65	30
.....acres	322	127	(D)	83	(D)	44
3 to 9 acres .....number	139	63	117	45	22	18
.....acres	705	296	589	219	116	77
10 to 19 acres .....number	77	35	69	28	8	7
.....acres	1,078	464	966	374	112	90
20 to 49 acres .....number	44	15	40	11	4	4
.....acres	1,297	402	1,199	306	98	96
50 to 99 acres .....number	23	12	20	12	3	-
.....acres	1,434	844	1,284	844	150	-
100 to 174 acres .....number	2	1	2	1	-	-
.....acres	(D)	(D)	(D)	(D)	-	-
175 to 259 acres .....number	5	2	4	2	1	-
.....acres	1,044	(D)	(D)	(D)	(D)	-
260 to 499 acres .....number	5	4	4	4	1	-
.....acres	1,950	1,340	(D)	1,340	(D)	-
500 to 999 acres .....number	2	-	2	-	-	-
.....acres	(D)	-	(D)	-	-	-
1,000 acres or more .....number	-	1	-	1	-	-
.....acres	-	(D)	-	(D)	-	-

**Table 3. Land in Farms, Cropland, and Cropland Harvested by Tenure of Operators: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Farms .....number	565	219	461	160	104	59
Land in farms .....acres	9,324	5,879	8,269	5,573	1,056	307
Total cropland .....farms	415	147	336	106	79	41
.....acres	2,620	493	2,102	399	518	94
Harvested cropland .....farms	400	145	327	105	73	40
.....acres	1,374	304	1,248	246	126	58
Full owners .....farms	342	109	296	93	46	16
.....acres	3,749	1,851	2,918	1,715	831	135
Total Cropland .....farms	261	82	226	71	35	11
.....acres	1,062	204	663	163	399	42
Harvested cropland .....farms	253	81	224	71	29	10
.....acres	414	164	381	141	34	23
Part owners .....farms	79	21	69	15	10	6
.....acres	3,060	2,347	3,044	2,323	17	24
Total Cropland .....farms	60	12	52	9	8	3
.....acres	743	25	729	20	15	4
Harvested cropland .....farms	57	12	49	9	8	3
.....acres	380	17	370	13	10	4
Tenants .....farms	144	89	96	52	48	37
.....acres	2,515	1,682	2,307	1,535	208	148
Total Cropland .....farms	94	53	58	26	36	27
.....acres	815	264	710	216	105	48
Harvested cropland .....farms	90	52	54	25	36	27
.....acres	579	123	497	92	82	31



**Table 4. Computer Use and Income from Government Programs: 2018**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	2018	Farms	2018
Computers used for the farm business .....	244	Internet access - Con	
No computers used for the farm business .....	321	Satellite service .....	4
Internet access .....	233	Broadband over power lines (BPL) .....	83
Dial-up service .....	1	Other type of service .....	-
DSL service .....	3	No internet access .....	332
Cable modem service .....	12	Participation in government farm programs..... farms	126
Fiber-optic service .....	-	..... dollars	971,114
Mobile broadband plan for a computer or cellphone .....	130		

**Table 5. Characteristics of Operators: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
<b>Operators by place of residence:</b>						
On farm operated .....	331	107	276	81	55	26
Not on farm operated .....	234	112	185	79	49	33
<b>Operators by years on present farm:</b>						
2 years or less .....	37	14	33	12	4	2
3 to 4 years .....	46	17	41	11	5	6
5 to 9 years .....	112	46	91	37	21	9
10 years or more .....	370	142	296	100	74	42
<b>Operators by age group:</b>						
Under 35 years .....	14	9	14	8	-	1
35 to 44 years .....	54	30	46	19	8	11
45 to 54 years .....	97	65	79	43	18	22
55 to 64 years .....	171	55	135	38	36	17
65 years and over .....	229	60	187	52	42	8
Average age .....	61	57	60	58	62	53
<b>Operators by main occupation:</b>						
Agricultural .....	354	98	299	74	55	24
Nonagricultural .....	211	121	162	86	49	35
<b>Operators by days of work off farm:</b>						
None .....	203	85	184	69	19	16
Any .....	362	134	277	91	85	43
1 to 49 days .....	55	9	38	4	17	5
50 to 99 days .....	24	10	22	7	2	3
100 to 149 days .....	51	9	33	5	18	4
150 to 199 days .....	59	9	38	5	21	4
200 days or more .....	173	97	146	70	27	27

**Table 6. Farm Characteristics: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Individual .....	473	194	395	145	78	49
Partnership .....	37	16	26	8	11	2
Corporation .....	28	5	24	4	4	-
Other .....	27	4	16	3	11	-
<b>FARMS BY TYPE OF LAND OWNERSHIP</b>						
Farms .....	565	219	461	160	104	59
Land in farms .....	9,324	5,881	8,269	5,574	1,056	307
Owned .....	421	130	365	108	56	22
acres	5,021	(D)	4,184	(D)	836	(D)
Rented from others .....	223	110	165	67	58	43
acres	4,579	3,868	4,360	3,703	220	165
Rented to others .....	10	2	10	1	-	1
acres	276	(D)	276	(D)	-	(D)
<b>LABOR STATUS</b>						
Unpaid labor .....	461	207	369	149	92	58
farms	1,145	401	962	285	183	116
workers	51	14	41	5	10	9
Less than 25 days .....	119	31	104	14	15	17
workers	99	33	77	23	22	10
25 to 149 days .....	390	82	347	56	43	26
workers	368	182	298	132	70	50
150 days or more .....	636	288	511	215	125	73
workers						
Hired farm labor .....	271	56	211	38	60	18
farms	765	110	627	89	138	21
workers	61	20	53	12	8	8
Less than 25 days .....	170	30	155	19	15	11
workers	107	24	84	16	23	8
25 to 149 days .....	200	39	155	(D)	45	(D)
workers	147	20	111	18	36	2
150 days or more .....	395	41	317	(D)	78	(D)
workers						
<b>SELECTED EQUIPMENT</b>						
Tractors .....	184	82	174	69	10	13
farms	496	119	478	101	18	18
number	329	160	268	120	61	40
Motortrucks .....	413	195	332	143	81	52
farms	323	56	275	39	48	17
number	411	67	352	46	59	21

**Table 7. Irrigation: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Land irrigated .....	farms 247	99	224	77	23	22
	acres 582	243	551	200	31	43
Private system .....	farms 221	84	210	68	11	16
	acres 550	177	533	149	17	28
Public system .....	farms 34	16	21	10	13	6
	acres 32	66	18	51	14	15
Farms by source of irrigation water:						
Well or cistern .....	178	51	167	42	11	9
River or stream .....	1	-	-	-	1	-
Lake or private pond .....	38	4	35	3	3	1
Canal or irrigation district .....	-	-	-	-	-	-
Public utility .....	16	13	16	9	-	4
Other .....	14	31	6	23	8	8

**Table 8. Farms and Sales by Market Value of Agricultural Products Sold: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Total sales .....	farms 565	219	461	160	104	59
	dollars 3,334,652	2,071,022	2,843,423	1,714,818	491,229	356,204
Average per farm .....	5,902	9,457	6,168	10,718	4,723	6,037
Farms by value of sales:						
Less than \$1,200 .....	farms 294	61	242	49	52	12
	dollars 104,056	46,052	84,751	37,092	19,305	8,960
\$1,200 to \$2,499 .....	farms 71	46	53	34	18	12
	dollars 123,543	71,140	94,594	52,590	28,949	18,550
\$2,500 to \$4,999 .....	farms 74	44	56	30	18	14
	dollars 263,794	150,004	197,039	102,780	66,755	47,224
\$5,000 to \$7,499 .....	farms 37	31	34	22	3	9
	dollars 225,390	178,750	209,320	127,305	16,070	51,445
\$7,500 to \$9,999 .....	farms 25	9	20	5	5	4
	dollars 215,182	79,415	170,832	44,915	44,350	34,500
\$10,000 or more .....	farms 64	28	56	20	8	8
	dollars 2,402,687	1,545,661	2,086,887	1,350,136	315,800	195,525

**Table 9. Selected Farm Production Expenses: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Machine hire and customwork .....	farms 254	85	229	78	25	7
	dollars 889,923	81,850	742,823	73,715	147,100	8,135
Hired farm labor .....	farms 271	59	211	42	60	17
	dollars 1,935,535	499,069	1,601,975	452,509	333,560	46,560
Feed purchased for livestock, poultry, and fish .....	farms 234	89	175	62	59	27
	dollars 777,689	198,864	435,727	107,124	341,962	91,740
Insecticides, fungicides, and herbicides .....	farms 175	74	156	63	19	11
	dollars 59,306	42,255	53,706	35,263	5,600	6,992
Fertilizers and manure purchased .....	farms 186	74	169	60	17	14
	dollars 92,857	111,087	77,287	82,900	15,570	28,187
Livestock, poultry, and fish purchased .....	farms 67	21	37	7	30	14
	dollars 137,051	29,110	64,410	9,250	72,641	19,860
Seed cost (including seedlings) .....	farms 205	90	181	68	24	22
	dollars 119,124	91,348	99,468	74,526	19,656	16,822

**Table 10. Field and Forage Crops Harvested for Sale: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Cassava (tapioca) .....	farms 70	21	59	17	11	4
	acres 14	2	12	2	2	(Z)
	pounds 11,126	5,282	9,536	4,382	1,590	900
Dry corn .....	farms 13	17	11	13	2	4
	acres (D)	4	3	3	(D)	1
	pounds 2,080	4,900	(D)	4,205	(D)	695
Hay (cut or grazed) .....	farms 2	1	2	-	-	1
	acres (D)	(D)	(D)	-	-	(D)
	pounds (D)	(D)	(D)	-	-	(D)
Sugarcane (cut or grazed) .....	farms 68	19	53	9	15	10
	acres 41	6	38	5	2	1
	pounds 24,032	29,759	21,824	24,609	2,208	5,150
Sweet potatoes .....	farms 64	18	55	11	9	7
	acres 14	3	13	2	2	1
	pounds 34,264	7,270	33,352	3,420	912	3,850
Taniers .....	farms 33	11	24	6	9	5
	acres 5	1	4	1	1	1
	pounds 1,554	2,863	1,120	1,338	434	1,525
Yams .....	farms 30	21	26	15	4	6
	acres 4	4	3	3	1	1
	pounds 2,335	13,040	(D)	10,010	(D)	3,030
Other field crops .....	farms 11	1	10	1	1	-
	acres (D)	(D)	1	(D)	(D)	-
	pounds 1,001	(D)	(D)	(D)	(D)	-

**Table 11. Vegetable Crops Harvested for Sale: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Cabbage .....	farms 32	24	29	18	3	6
	acres 4	3	4	2	(Z)	1
	pounds 3,055	6,070	2,765	4,450	290	1,620
Carrots .....	farms 30	11	24	7	6	4
	acres 11	1	10	1	1	(Z)
	pounds 4,508	1,705	4,222	705	286	1,000
Celery .....	farms 44	23	36	11	8	12
	acres 5	3	5	1	1	1
	pounds 1,633	4,775	1,071	2,340	562	2,435
Cucumbers .....	farms 104	49	96	35	8	14
	acres 71	46	70	44	1	2
	pounds 97,575	112,454	95,350	106,604	2,225	5,850
Eggplant .....	farms 69	54	54	31	15	23
	acres 13	9	12	6	2	3
	pounds 41,799	37,163	40,367	21,763	1,432	15,400
Green beans .....	farms 39	13	28	10	11	3
	acres 5	3	4	3	1	(Z)
	pounds 5,233	3,430	4,352	2,370	881	1,060
Lettuce .....	farms 47	22	44	17	3	5
	acres 19	3	(D)	2	(D)	1
	pounds 11,638	7,970	(D)	5,960	(D)	2,010
Okra .....	farms 111	51	93	32	18	19
	acres 19	8	17	5	2	2
	pounds 13,126	18,489	11,525	13,169	1,601	5,320
Onions, chives, and scallions .....	farms 74	10	58	7	16	3
	acres 11	1	10	1	2	(Z)
	pounds 3,688	2,751	2,638	2,001	1,050	750
Peppers .....	farms 140	64	121	39	19	25
	acres 28	12	25	9	3	3
	pounds 28,944	31,475	27,364	23,800	1,580	7,675
Spinach .....	farms 66	19	55	5	11	14
	acres 8	2	7	1	1	2
	pounds 6,435	6,546	4,791	956	1,644	5,590
Squash .....	farms 38	17	32	7	6	10
	acres 13	3	12	2	1	2
	pounds 61,403	4,230	60,738	1,750	665	2,480
Tomatoes (include standard and cherry tomatoes) .....	farms 99	52	90	38	9	14
	acres 28	10	27	8	1	2
	pounds 75,687	42,282	74,710	33,502	977	8,780
Sorrel (H. sabdariffa) .....	farms 53	(NA)	47	(NA)	6	(NA)
	acres 17	(NA)	17	(NA)	1	(NA)
	pounds 7,607	(NA)	7,117	(NA)	490	(NA)
Herbs .....	farms 95	(NA)	81	(NA)	14	(NA)
	acres 18	(NA)	14	(NA)	5	(NA)
	pounds 10,293	(NA)	7,583	(NA)	2,710	(NA)
Other vegetables .....	farms 103	53	89	39	14	14
	acres 108	25	100	23	7	2
	pounds 55,814	141,730	47,194	133,105	8,620	8,625

**Table 12. Fruits, Nuts, and Nursery Crops (including ornamental plants) Harvested for Sale: 2018 and 2007**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Land in bearing and nonbearing fruit trees and plants	farms 362	127	297	88	65	39
	acres 570	135	473	107	98	28
Avocados	farms 201	75	169	53	32	22
	trees not of bearing age 699	254	547	124	152	130
	trees of bearing age 781	382	690	280	91	102
	pounds 11,480	27,085	10,670	19,605	810	7,480
Bananas	farms 264	87	220	57	44	30
	trees not of bearing age 10,372	2,799	8,451	1,911	1,921	888
	trees of bearing age 8,195	5,291	6,713	4,145	1,482	1,146
	pounds 61,430	95,924	53,620	76,219	7,810	19,705
Breadfruits	farms 114	54	94	39	20	15
	trees not of bearing age 251	35	155	17	96	18
	trees of bearing age 332	280	306	249	26	31
	pounds 2,765	10,713	2,287	7,273	478	3,440
Coconuts	farms 214	81	184	58	30	23
	trees not of bearing age 2,324	1,675	2,053	852	271	823
	trees of bearing age 2,455	2,218	2,308	1,828	147	390
	pounds 28,496	46,442	23,980	35,842	4,516	10,600
Grapefruit	farms 31	41	25	31	6	10
	trees not of bearing age 61	26	49	7	12	19
	trees of bearing age 33	233	21	194	12	39
	pounds (D)	5,680	(D)	3,955	-	1,725
Lemons and limes	farms 140	77	107	51	33	26
	trees not of bearing age 489	178	386	60	103	118
	trees of bearing age 338	416	173	277	165	139
	pounds 3,133	16,955	2,491	8,920	642	8,035
Mangoes	farms 227	91	176	58	51	33
	trees not of bearing age 1,101	385	815	122	286	263
	trees of bearing age 1,736	1,535	1,368	1,208	368	327
	pounds 42,225	83,740	35,500	53,620	6,725	30,120
Oranges	farms 37	41	31	30	6	11
	trees not of bearing age 69	772	(D)	723	(D)	49
	trees of bearing age 43	188	29	154	14	34
	pounds 340	5,208	340	3,938	-	1,270
Papayas	farms 169	58	142	35	27	23
	trees not of bearing age 1,404	415	1,075	198	329	217
	trees of bearing age 12,367	986	12,049	566	318	420
	pounds 20,698	20,390	18,223	11,810	2,475	8,580
Pineapples	farms 108	29	88	13	20	16
	trees not of bearing age 3,802	571	2,802	106	1,000	465
	trees of bearing age 9,864	1,475	8,647	1,291	1,217	184
	pounds 7,003	2,881	5,040	1,101	1,963	1,780
Plantains	farms 136	45	119	33	17	12
	trees not of bearing age 2,599	717	2,479	561	120	156
	trees of bearing age 4,755	1,738	4,113	1,611	642	127
	pounds 20,074	27,763	19,404	25,508	670	2,255
Other fruits, nuts, and tree crops	farms 217	62	185	39	32	23
	trees not of bearing age 2,275	303	1,825	87	450	216
	trees of bearing age 14,528	1,393	14,060	809	468	584
	pounds 80,901	26,613	75,819	17,600	5,082	9,013
Nursery Crops (including ornamental plants)	farms 63	21	57	16	6	5
	sq.ft. under cover 18,148	11,900	18,148	11,100	-	800
	acres in the open 136	35	134	30	1	5

**Table 13. Inventory of Livestock and Poultry: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>						
Cattle and calves .....	58	25	47	19	11	6
number	1,332	776	1,180	708	152	68
Cows .....	52	23	41	18	11	5
number	798	337	708	329	90	8
Heifers and heifer calves						
1 year old or older .....	30	21	25	17	5	4
number	164	181	157	151	7	30
Bulls, bull calves, steers and steer						
calves 1 year old or older .....	41	21	30	17	11	4
number	207	117	178	104	29	13
Calves under 1 year old .....	33	13	26	9	7	4
number	163	141	137	124	26	17
Sheep and lambs .....	130	18	107	17	23	1
number	5,421	2,981	4,840	2,499	581	482
Goats and kids .....	136	73	104	50	32	23
number	3,664	2,331	2,477	1,780	1,187	551
Hogs and pigs .....	68	28	48	18	20	10
number	1,655	1,125	1,270	467	385	658
Under 8 months old .....	53	24	40	15	13	9
number	1,020	528	853	222	167	306
8 months old or older .....	50	25	35	16	15	9
number	635	597	417	245	218	352
<b>POULTRY AND POULTRY PRODUCTS</b>						
Chickens .....	99	13	69	8	30	5
number	10,367	699	8,058	169	2,309	530
5 months old or older .....	85	11	59	6	26	5
number	5,607	299	4,284	109	1,323	190
Turkeys, ducks, geese, and other poultry .....	36	4	25	2	11	2
number	1,796	105	1,353	(D)	443	(D)

**Table 14. Sales of Livestock, Poultry, and Their Products: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>						
Cattle and calves .....	21	23	15	17	6	6
number	123	251	111	229	12	22
Cows .....	8	12	6	9	2	3
number	44	(D)	(D)	(D)	(D)	10
Heifers and heifer calves						
1 year old or older .....	8	14	6	12	2	2
number	18	93	(D)	(D)	(D)	(D)
Bulls, bull calves, steers and steer						
calves 1 year old or older .....	15	15	11	12	4	3
number	61	110	(D)	105	(D)	5
Calves under 1 year old .....	-	1	-	-	-	1
number	-	(D)	-	-	-	(D)
Milk .....	2	-	2	-	-	-
quarts	(D)	(D)	(D)	(D)	-	-
Sheep and lambs .....	63	47	52	34	11	13
number	1,329	804	1,165	654	164	150
Goats and kids .....	71	61	50	39	21	22
number	678	641	510	476	168	165
Hogs and pigs .....	33	26	25	17	8	9
number	578	1,218	492	733	86	485
Under 8 months old .....	23	19	18	15	5	4
number	350	783	299	552	51	231
8 months old or older .....	18	16	14	8	4	8
number	228	435	193	181	35	254
<b>POULTRY AND POULTRY PRODUCTS</b>						
Chickens .....	34	7	19	4	15	3
number	3,607	1,688	2,666	570	941	1,118
Chicken eggs .....	57	3	36	1	21	2
dozens	7,057	(D)	5,367	(D)	1,690	(D)
Turkeys, ducks, geese, and other poultry .....	13	-	8	-	5	-
number	146	-	66	-	80	-

**Table 15. Market Value of Agricultural Products Sold: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Field and forage crops .....	100	37	85	23	15	14
..... farms						
..... dollars	128,692	49,104	121,707	35,044	6,985	14,060
Vegetables .....	215	93	182	64	33	29
..... farms						
..... dollars	1,130,809	366,195	958,419	311,305	172,390	54,890
Fruits and nuts .....	259	117	211	80	48	37
..... farms						
..... dollars	544,305	216,877	488,830	137,188	55,475	79,689
Nursery Crops (including ornamental plants) .....	63	21	57	16	6	5
..... farms						
..... dollars	725,125	946,636	(D)	856,636	(D)	90,000
Cattle and calves .....	21	23	15	17	6	6
..... farms						
..... dollars	100,439	165,150	87,039	150,150	13,400	15,000
Hogs and pigs .....	33	26	25	17	8	9
..... farms						
..... dollars	83,590	107,200	67,940	66,250	15,650	40,950
Other livestock and livestock products .....	136	85	103	59	33	26
..... farms						
..... dollars	465,247	190,190	371,057	133,095	94,190	57,095
Poultry (includes chickens, roosters) pullets, ducks, pigeons, etc.) .....	32	7	17	4	15	3
..... farms						
..... dollars	109,662	4,620	(D)	1,550	(D)	3,070
Chicken eggs .....	57	3	36	1	21	2
..... farms						
..... dollars	35,503	(D)	27,504	(D)	7,999	(D)
Milk .....	2	-	2	-	-	-
..... farms						
..... dollars	(D)	-	(D)	-	-	-
Fish and aquaculture products .....	4	1	4	1	-	-
..... farms						
..... dollars	(D)	(D)	(D)	(D)	-	-

**Table 16. Selected Equipment by Tenure of Operator: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Tractors .....	184	82	174	69	10	13
..... farms						
..... number	496	119	478	101	18	18
Full owners .....	101	48	95	40	6	8
..... farms						
..... number	225	68	215	57	10	11
Part owners .....	36	11	35	11	1	-
..... farms						
..... number	130	20	(D)	20	(D)	-
Tenants .....	47	23	44	18	3	5
..... farms						
..... number	141	31	(D)	24	(D)	7
Motortrucks .....	329	160	268	120	61	40
..... farms						
..... number	413	195	332	143	81	52
Full owners .....	198	76	172	63	26	13
..... farms						
..... number	236	92	202	75	34	17
Part owners .....	49	17	44	13	5	4
..... farms						
..... number	72	26	66	21	6	5
Tenants .....	82	67	52	44	30	23
..... farms						
..... number	105	77	64	47	41	30
Automobiles .....	323	56	275	39	48	17
..... farms						
..... number	411	67	352	46	59	21
Full owners .....	199	29	177	24	22	5
..... farms						
..... number	250	36	226	31	24	5
Part owners .....	46	9	41	7	5	2
..... farms						
..... number	64	9	59	7	5	2
Tenants .....	78	18	57	8	21	10
..... farms						
..... number	97	22	67	8	30	14

**Table 17. Selected Farm Production Expenses by Tenure of Operator: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
Machine hire and customwork .....	farms 254	85	229	78	25	7
dollars	889,923	81,850	742,823	73,715	147,100	8,135
Full owners .....	farms 136	39	131	37	5	2
dollars	457,549	49,795	351,149	(D)	106,400	(D)
Part owners .....	farms 47	10	44	10	3	-
dollars	222,434	8,360	(D)	8,360	(D)	-
Tenants .....	farms 71	36	54	31	17	5
dollars	209,940	23,695	(D)	16,960	(D)	6,735
Hire farm labor .....	farms 271	59	211	42	60	17
dollars	1,935,535	499,069	1,601,975	452,509	333,560	46,560
Full owners .....	farms 144	27	119	21	25	6
dollars	968,001	295,125	769,901	266,215	198,100	28,910
Part owners .....	farms 47	8	40	7	7	1
dollars	441,428	82,500	421,728	(D)	19,700	(D)
Tenants .....	farms 80	24	52	14	28	10
dollars	526,106	121,444	410,346	104,594	115,760	16,850
Feed purchased for livestock, poultry, and fish .....	farms 234	89	175	62	59	27
dollars	777,689	198,864	435,727	107,124	341,962	91,740
Full owners .....	farms 132	41	99	31	33	10
dollars	379,528	68,498	184,196	30,476	195,332	38,022
Part owners .....	farms 34	10	31	6	3	4
dollars	74,201	13,818	(D)	7,400	(D)	6,418
Tenants .....	farms 68	38	45	25	23	13
dollars	323,960	116,548	(D)	69,248	(D)	47,300
Insecticides, fungicides, and herbicides .....	farms 175	74	156	63	19	11
dollars	59,306	42,255	53,706	35,263	5,600	6,992
Full owners .....	farms 102	41	98	38	4	3
dollars	42,024	31,296	(D)	26,224	(D)	5,072
Part owners .....	farms 29	6	26	5	3	1
dollars	6,708	4,100	(D)	(D)	(D)	(D)
Tenants .....	farms 44	27	32	20	12	7
dollars	10,574	6,859	8,510	5,139	2,064	1,720
Fertilizers and manure purchased .....	farms 186	74	169	60	17	14
dollars	92,857	111,087	77,287	82,900	15,570	28,187
Full owners .....	farms 123	46	120	42	3	4
dollars	67,096	102,592	(D)	77,405	(D)	25,187
Part owners .....	farms 30	5	27	4	3	1
dollars	7,504	1,780	(D)	(D)	(D)	(D)
Tenants .....	farms 33	23	22	14	11	9
dollars	18,257	6,715	14,387	4,015	3,870	2,700
Livestock, poultry, and fish purchased .....	farms 67	21	37	7	30	14
dollars	137,051	29,110	64,410	9,250	72,641	19,860
Full owners .....	farms 34	7	18	3	16	4
dollars	18,436	8,210	6,368	4,700	12,068	3,510
Part owners .....	farms 14	3	11	1	3	2
dollars	17,115	4,250	16,692	(D)	423	(D)
Tenants .....	farms 19	11	8	3	11	8
dollars	101,500	16,650	41,350	4,300	60,150	12,350
Seed cost (including seedlings) .....	farms 205	90	181	68	24	22
dollars	119,124	91,348	99,468	74,526	19,656	16,822
Full owners .....	farms 133	44	125	40	8	4
dollars	65,811	75,016	49,765	64,416	16,046	10,600
Part owners .....	farms 29	7	28	6	1	1
dollars	28,871	1,710	(D)	(D)	(D)	(D)
Tenants .....	farms 43	39	28	22	15	17
dollars	24,442	14,622	(D)	8,900	(D)	5,722



**Table 18. Off-Farm Work by Tenure of Operator: 2018 and 2007**

[For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Farms	Virgin Islands		Saint Croix		Saint John and Saint Thomas	
	2018	2007	2018	2007	2018	2007
<b>Operators by days of work off farm:</b>						
None .....	203	85	184	69	19	16
Any .....	362	134	277	91	85	43
1 to 49 days .....	55	9	38	4	17	5
50 to 99 days .....	24	10	22	7	2	3
100 to 149 days .....	51	9	33	5	18	4
150 to 199 days .....	59	9	38	5	21	4
200 days or more .....	173	97	146	70	27	27
<b>Full owners by days of work off farm:</b>						
None .....	121	55	113	49	8	6
Any .....	221	54	183	44	38	10
1 to 49 days .....	31	1	20	-	11	1
50 to 99 days .....	16	4	15	4	1	-
100 to 149 days .....	19	3	16	3	3	-
150 to 199 days .....	35	3	27	1	8	2
200 days or more .....	120	43	105	36	15	7
<b>Part owners by days of work off farm:</b>						
None .....	38	6	37	4	1	2
Any .....	41	15	32	11	9	4
1 to 49 days .....	9	2	9	1	-	1
50 to 99 days .....	5	-	4	-	1	-
100 to 149 days .....	11	1	5	-	6	1
150 to 199 days .....	1	2	-	2	1	-
200 days or more .....	15	10	14	8	1	2
<b>Tenants by days of work off farm:</b>						
None .....	44	24	34	16	10	8
Any .....	100	65	62	36	38	29
1 to 49 days .....	15	6	9	3	6	3
50 to 99 days .....	3	6	3	3	-	3
100 to 149 days .....	21	5	12	2	9	3
150 to 199 days .....	23	4	11	2	12	2
200 days or more .....	38	44	27	26	11	18

**Table 19. Summary by Tenure of Operator: 2018**

[For enumeration periods, see appendix B. For meaning of abbreviations and symbols, see introductory text. Detail may not add to total because of rounding]

Item	Total	Full owners	Part owners	Tenants
<b>FARMS AND LAND IN FARMS</b>				
Farms ..... number	565	342	79	144
Percent of farms .....	100.0	60.5	14.0	25.5
Land in farms ..... acres	9,324	3,749	3,060	2,515
Percent distribution .....	100.0	40.2	32.8	27.0
Average size of farm ..... acres	16.5	11.0	38.7	17.5
<b>LAND USE</b>				
Cropland harvested ..... farms	400	253	57	90
..... acres	1,374	414	380	579
Other cropland ..... farms	187	104	30	53
..... acres	1,247	648	363	236
Pastureland or grazing land ..... farms	224	117	43	64
..... acres	5,538	2,000	1,991	1,548
Woodland ..... farms	53	36	6	11
..... acres	688	475	152	61
Other land ..... farms	333	221	53	59
..... acres	476	212	173	92
<b>IRRIGATION</b>				
Land irrigated ..... farms	247	157	39	51
..... acres	582	280	221	82
Private system ..... farms	221	149	36	36
..... acres	550	271	213	66
Public system ..... farms	34	12	6	16
..... acres	32	9	8	16
<b>MAJOR SOURCE OF IRRIGATION WATER</b>				
Well or cistern.....	178	130	30	18
River or stream .....	1	-	-	1
Lake or private pond .....	38	11	7	20
Canal or irrigation district.....	-	-	-	-
Public utility .....	16	12	2	2
Other .....	14	4	-	10
<b>TENURE OF OPERATOR</b>				
All operators ..... farms	565	342	79	144
..... acres	9,324	3,749	3,060	2,515
Full owners ..... farms	342	342	-	-
..... acres	3,749	3,749	-	-
Part owners ..... farms	79	-	79	-
..... acres	3,060	-	3,060	-
Tenants ..... farms	144	-	-	144
..... acres	2,515	-	-	2,515
<b>FARMS BY SIZE</b>				
Farms ..... number	565	342	79	144
Less than 3 acres .....	268	181	18	69
3 to 9 acres .....	139	90	18	31
10 to 19 acres .....	77	36	16	25
20 to 49 acres .....	44	19	12	13
50 to 99 acres .....	23	12	10	1
100 acres or more .....	14	4	5	5
<b>OPERATORS CHARACTERISTICS</b>				
Operator by place of residence:				
On farm operated .....	331	250	42	39
Not on farm operated .....	234	92	37	105
Operators by years on present farm:				
2 years or less .....	37	29	1	7
3 to 4 years .....	46	31	4	11
5 to 9 years .....	112	56	19	37
10 years or more .....	370	226	55	89
Operator by age group:				
Under 35 years .....	14	10	1	3
35 to 44 years .....	54	34	6	14
45 to 54 years .....	97	54	10	33
55 to 64 years .....	171	101	25	45
65 years or more .....	229	143	37	49
Average age .....	61	61	63	58
Operators by main occupation:				
Agricultural .....	354	204	65	85
Nonagricultural .....	211	138	14	59
Operator by days of work off farm:				
None .....	203	121	38	44
Any .....	362	221	41	100
1 to 49 days .....	55	31	9	15
50 to 99 days .....	24	16	5	3
100 to 149 days .....	51	19	11	21
150 to 199 days .....	59	35	1	23
200 days or more .....	173	120	15	38
<b>COMPUTER USE:</b>				
Computers used for the farm business .....	244	148	39	57
No computers used for the farm business .....	321	194	40	87
Internet access .....				
Dial-up service .....	1	1	-	-
DSL service .....	3	1	2	-
Cable modem service .....	12	7	-	5
Fiber-optic service .....	-	-	-	-

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**Table 19. Summary by Tenure of Operator: 2018 (continued)**

[For enumeration periods, see appendix B. For meaning of abbreviations and symbols, see introductory text. Detail may not add to total because of rounding]

Item	Total	Full owners	Part owners	Tenants
<b>COMPUTER USE: - Con.</b>				
Internet access - Con.				
Mobile broadband plan for a computer or cellphone .....	130	101	16	13
Satellite service .....	4	2	2	-
Broadband over power lines (BPL) .....	83	67	10	6
Other type of service .....	-	-	-	-
No internet access .....	332	163	49	120
<b>INCOME FROM GOVERNMENT PROGRAMS</b>				
Participation in government farm programs .....	126	64	31	31
dollars	971,114	415,271	254,759	301,084
<b>LABOR STATUS</b>				
Unpaid labor .....	461	285	68	108
workers	1,145	560	347	238
Less than 25 days .....	51	36	6	9
workers	119	75	21	23
25 to 149 days .....	99	60	13	26
workers	390	119	222	49
150 days or more .....	368	224	53	91
workers	636	366	104	166
Hired farm labor .....	271	144	47	80
workers	765	345	164	256
Less than 25 days .....	61	27	11	23
workers	170	45	61	64
25 to 149 days .....	107	56	21	30
workers	200	106	36	58
150 days or more .....	147	75	21	51
workers	395	194	67	134
<b>SELECTED EQUIPMENT</b>				
Tractors (all kinds) .....	184	101	36	47
number	496	225	130	141
Motortrucks .....	329	198	49	82
number	413	236	72	105
Automobiles .....	323	199	46	78
number	411	250	64	97
<b>FARMS BY VALUE OF AGRICULTURAL PRODUCTS SOLD</b>				
Total sales .....	565	342	79	144
dollars	3,334,652	1,760,934	732,612	841,106
Average per farm .....	5,902	5,149	9,274	5,841
Farms by value of sales:				
Less than \$1,200 .....	294	197	32	65
dollars	104,056	65,162	13,860	25,034
\$1,200 to \$2,499 .....	71	44	11	16
dollars	123,543	76,876	21,697	24,970
\$2,500 to \$4,999 .....	74	44	9	21
dollars	263,794	154,674	29,100	80,020
\$5,000 to \$7,499 .....	37	18	5	14
dollars	225,390	107,800	30,820	86,770
\$7,500 to \$9,999 .....	25	11	7	7
dollars	215,182	95,550	61,210	58,422
\$10,000 or more .....	64	28	15	21
dollars	2,402,687	1,260,872	575,925	565,890
<b>SALES BY COMMODITY GROUP OR PRODUCT</b>				
Field and forage .....	100	61	14	25
dollars	128,692	58,299	37,958	32,435
Vegetables .....	215	124	34	57
dollars	1,130,809	531,156	290,130	309,523
Fruits and nuts .....	259	167	34	58
dollars	544,305	264,350	132,478	147,477
Nursery Crops (including ornamental plants) .....	63	42	9	12
dollars	725,125	628,575	20,700	75,850
Livestock .....	164	80	33	51
dollars	649,276	234,002	244,559	170,715
Milk .....	2	2	-	-
dollars	(D)	(D)	-	-
Poultry and eggs .....	65	35	11	19
dollars	145,165	33,272	6,787	105,106
Fish and aquaculture products .....	4	4	-	-
dollars	(D)	(D)	-	-
<b>SELECTED FARM PRODUCTION EXPENSES</b>				
Machine hire and customwork .....	254	136	47	71
dollars	889,923	457,549	222,434	209,940
Hired farms labor .....	271	144	47	80
dollars	1,935,535	968,001	441,428	526,106
Feed purchased for livestock, poultry, and fish .....	234	132	34	68
dollars	777,689	379,528	74,201	323,960
Insecticides, fungicides, and herbicides .....	175	102	29	44
dollars	59,306	42,024	6,708	10,574
Fertilizers and manure purchased .....	186	123	30	33
dollars	92,857	67,096	7,504	18,257
Livestock, poultry, and fish purchased .....	67	34	14	19
dollars	137,051	18,436	17,115	101,500
Seed cost (including seedlings) .....	205	133	29	43
dollars	119,124	65,811	28,871	24,442

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**Table 19. Summary by Tenure of Operator: 2018 (continued)**

[For enumeration periods, see appendix B. For meaning of abbreviations and symbols, see introductory text. Detail may not add to total because of rounding]

Item	Total	Full owners	Part owners	Tenants
<b>SELECTED FRUITS, NUTS, AND TREE CROPS - Con.</b>				
Grapefruit ..... farms	31	18	7	6
trees not of bearing age	61	37	(D)	(D)
trees of bearing age	33	17	(D)	(D)
pounds	(D)	(D)	-	-
Lemons and limes ..... farms	140	87	22	31
trees not of bearing age	489	304	91	94
trees of bearing age	338	162	110	66
pounds	3,133	459	2,152	522
Mangoes ..... farms	227	148	33	46
trees not of bearing age	1,101	598	349	154
trees of bearing age	1,736	1,145	296	295
pounds	42,225	24,800	13,096	4,329
Oranges ..... farms	37	27	4	6
trees not of bearing age	69	(D)	(D)	(D)
trees of bearing age	43	21	8	14
pounds	340	130	210	-
Papayas ..... farms	169	114	20	35
trees not of bearing age	1,404	929	61	414
trees of bearing age	12,367	761	10,135	1,471
pounds	20,698	11,073	3,192	6,433
Pineapples ..... farms	108	71	18	19
plants not of bearing age	3,802	1,988	1,284	530
plants of bearing age	9,864	2,655	3,549	3,660
pounds	7,003	3,135	1,938	1,930
Plantains ..... farms	136	88	14	34
trees not of bearing age	2,599	1,988	124	487
trees of bearing age	4,755	1,135	444	3,176
pounds	20,074	8,294	1,380	10,400
Other fruits, nuts, and tree crops ..... farms	217	146	27	44
trees not of bearing age	2,275	946	40	1,289
trees of bearing age	14,528	3,169	7,255	4,104
pounds	80,901	39,687	26,953	14,261
Nursery Crops (including ornamental plants) ..... farms	63	42	9	12
sq.ft. under cover	18,148	12,900	1,860	3,388
acres in the open	136	12	122	2
<b>INVENTORY OF LIVESTOCK AND POULTRY</b>				
Cattle and calves ..... farms	58	32	9	17
number	1,332	711	257	364
Cows ..... farms	52	26	9	17
number	798	483	111	204
Heifers and heifer calves 1 year old or older ..... farms	30	13	6	11
number	164	40	41	83
Bulls, bull calves, steers, and steer calves 1 year old or older ..... farms	41	19	9	13
number	207	120	46	41
Calves less than 1 year old ..... farms	33	14	7	12
number	163	68	59	36
Hogs and pigs ..... farms	68	30	7	31
number	1,655	435	158	1,062
Under 8 month old ..... farms	53	22	7	24
number	1,020	334	94	592
8 months old or older ..... farms	50	15	7	28
number	635	101	64	470
Sheep and lambs ..... farms	130	58	26	46
number	5,421	1,658	2,314	1,449
Goats and kids ..... farms	136	78	17	41
number	3,664	2,153	508	1,003
Chickens ..... farms	99	58	13	28
number	10,367	2,846	489	7,032
Turkeys, ducks, geese, and other poultry ..... farms	36	27	-	9
number	1,796	1,574	-	222
<b>SALES OF LIVESTOCK, POULTRY, AND THEIR PRODUCTS</b>				
Cattle and calves ..... farms	21	9	4	8
number sold	123	51	32	40
Cows ..... farms	8	4	2	2
number sold	44	22	(D)	(D)
Heifers and heifer calves 1 year old or older ..... farms	8	3	1	4
number sold	18	6	(D)	(D)
Bulls, bull calves, steers, and steer calves 1 year old or older ..... farms	15	5	4	6
number sold	61	23	(D)	(D)
Calves less than 1 year old ..... farms	-	-	-	-
number sold	-	-	-	-
Hogs and pigs ..... farms	33	10	4	19
number sold	578	140	127	311
Under 8 month old ..... farms	23	8	3	12
number sold	350	100	44	206
8 months old or older ..... farms	18	4	4	10
number sold	228	40	83	105
Sheep and lambs ..... farms	63	25	17	21
number sold	1,329	402	579	348
Goats and kids ..... farms	71	46	8	17
number sold	678	405	91	182
Milk ..... farms	2	2	-	-
quarts sold	(D)	(D)	-	-
Chickens ..... farms	34	22	-	12
number sold	3,607	617	-	2,990
Turkeys, ducks, geese, and other poultry ..... farms	13	9	-	4
number sold	146	104	-	42
Chicken eggs ..... farms	57	33	9	15
dozens sold	7,057	4,569	434	2,054
Fish and aquaculture products ..... farms	4	4	-	-
number sold	714	714	-	-

**Table 20. Summary by Age of Operator: 2018**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Under 35 years	35 to 44 years	45 to 54 years	55 to 64 years	Over 65 years
<b>FARMS AND LAND IN FARMS</b>						
Farms .....number	565	14	54	97	171	229
Percent of farms .....	100.0	2.5	9.6	17.2	30.3	40.5
Land in farms .....acres	9,324	89	948	1,317	2,825	4,145
Percent distribution .....	100.0	1.0	10.2	14.1	30.3	44.5
Average size of farm .....acres	16.5	6.3	17.6	13.6	16.5	18.1
<b>LAND USE</b>						
Cropland harvested .....farms	400	11	45	64	123	157
.....acres	1,374	8	304	128	212	723
Other cropland .....farms	187	4	17	31	63	72
.....acres	1,247	13	163	110	436	524
Pastureland or grazing land .....farms	224	3	23	44	60	94
.....acres	5,538	(D)	(D)	1,024	1,760	2,518
Woodland .....farms	53	1	7	3	17	25
.....acres	688	(D)	286	(D)	164	225
Other land .....farms	333	8	31	59	100	135
.....acres	476	(D)	(D)	(D)	252	154
<b>IRRIGATION</b>						
Land irrigated .....farms	247	10	32	42	70	93
.....acres	582	7	202	69	83	221
Private system .....farms	221	10	31	40	57	83
.....acres	550	7	(D)	(D)	(D)	208
Public system .....farms	34	-	1	2	15	16
.....acres	32	-	(D)	(D)	(D)	13
<b>MAJOR SOURCE OF IRRIGATION WATER</b>						
Well or cistern.....	178	10	22	31	44	71
River or stream .....	1	-	1	-	-	-
Lake or private pond .....	38	-	5	8	13	12
Canal or irrigation district.....	-	-	-	-	-	-
Public utility .....	16	-	3	-	9	4
Other .....	14	-	1	3	4	6
<b>TENURE OF OPERATOR</b>						
All operators .....farms	565	14	54	97	171	229
.....acres	9,324	89	948	1,317	2,825	4,145
Full owners .....farms	342	10	34	54	101	143
.....acres	3,749	68	387	266	866	2,163
Part owners .....farms	79	1	6	10	25	37
.....acres	3,060	(D)	(D)	257	1,782	597
Tenants .....farms	144	3	14	33	45	49
.....acres	2,515	(D)	(D)	795	177	1,385
<b>FARMS BY SIZE</b>						
Farms .....number	565	14	54	97	171	229
Less than 3 acres .....	268	10	27	44	91	96
3 to 9 acres .....	139	2	8	22	43	64
10 to 19 acres .....	77	1	11	16	20	29
20 to 49 acres .....	44	1	4	11	11	17
50 to 99 acres .....	23	-	1	2	2	18
100 acres or more .....	14	-	3	2	4	5
<b>OPERATORS CHARACTERISTICS</b>						
Operator by place of residence:						
On farm operated .....	331	9	35	51	97	139
Not on farm operated .....	234	5	19	46	74	90
Operators by years on present farm:						
2 years or less .....	37	2	10	10	12	3
3 to 4 years .....	46	3	11	11	16	5
5 to 9 years .....	112	5	17	30	33	27
10 years or more .....	370	4	16	46	110	194
Operator by age group:						
Under 35 years .....	14	14	-	-	-	-
35 to 44 years .....	54	-	54	-	-	-
45 to 54 years .....	97	-	-	97	-	-
55 to 64 years .....	171	-	-	-	171	-
65 years or more .....	229	-	-	-	-	229
Average age .....	61	30	40	50	59	73
Operators by main occupation:						
Agricultural .....	354	4	26	53	104	167
Nonagricultural .....	211	10	28	44	67	62
Operator by days of work off farm:						
None .....	203	1	12	19	42	129
Any .....	362	13	42	78	129	100
1 to 49 days .....	55	5	5	10	16	19
50 to 99 days .....	24	-	-	2	15	7
100 to 149 days .....	51	-	5	9	26	11
150 to 199 days .....	59	4	6	13	16	20
200 days or more .....	173	4	26	44	56	43
<b>COMPUTER USE:</b>						
Computers used for the farm business .....	244	7	34	54	72	77
No computers used for the farm business .....	321	7	20	43	99	152
Internet access .....						
Dial-up service .....	233	7	29	44	72	81
DSL service .....	1	-	1	-	-	-
Cable modem service .....	3	-	1	2	-	-
Fiber-optic service .....	12	-	-	2	8	2
.....	-	-	-	-	-	-

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**Table 20. Summary by Age of Operator: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Under 35 years	35 to 44 years	45 to 54 years	55 to 64 years	Over 65 years
<b>COMPUTER USE: - Con.</b>						
Internet access - Con.						
Mobile broadband plan for a computer or cellphone .....	130	3	17	28	37	45
Satellite service .....	4	-	-	-	2	2
Broadband over power lines (BPL) .....	83	4	10	12	25	32
Other type of service .....	-	-	-	-	-	-
No internet access .....	332	7	25	53	99	148
<b>INCOME FROM GOVERNMENT PROGRAMS</b>						
Participation in government farm programs .....	126	1	8	32	35	50
dollars	971,114	(D)	(D)	176,617	248,100	493,193
<b>LABOR STATUS</b>						
Unpaid labor .....	461	12	50	76	140	183
farms	1,145	21	362	139	294	329
workers	51	-	10	15	20	6
Less than 25 days .....	119	-	24	26	59	10
farms	99	1	19	18	29	32
workers	390	(D)	251	(D)	56	51
25 to 149 days .....	368	11	35	54	112	156
farms	636	(D)	87	(D)	179	268
workers	271	3	18	50	78	122
Hired farm labor .....	765	(D)	(D)	157	224	299
farms	61	1	9	11	11	29
workers	170	(D)	(D)	37	14	67
Less than 25 days .....	107	-	5	14	33	55
farms	200	-	6	22	72	100
workers	147	2	12	32	45	56
25 to 149 days .....	395	(D)	(D)	98	138	132
farms						
workers						
150 days or more .....						
farms						
workers						
<b>SELECTED EQUIPMENT</b>						
Tractors (all kinds) .....	184	4	17	36	54	73
farms	496	5	82	93	137	179
number	329	9	33	55	100	132
Motortrucks .....	413	10	37	71	132	163
farms	323	9	29	65	100	120
number	411	10	45	85	122	149
Automobiles .....						
farms						
number						
<b>FARMS BY VALUE OF AGRICULTURAL PRODUCTS SOLD</b>						
Total sales .....	565	14	54	97	171	229
dollars	3,334,652	96,525	474,952	1,039,401	864,066	859,708
Average per farm .....	5,902	6,895	8,795	10,715	5,053	3,754
dollars						
Farms by value of sales:						
Less than \$1,200 .....	294	5	28	41	95	125
farms	104,056	(D)	(D)	19,710	37,075	31,260
dollars	71	4	6	10	21	30
\$1,200 to \$2,499 .....	123,543	7,350	9,852	17,637	38,784	49,920
dollars	74	3	6	15	24	26
\$2,500 to \$4,999 .....	263,794	12,150	22,460	58,400	85,525	85,259
dollars	37	-	6	13	7	11
\$5,000 to \$7,499 .....	225,390	-	33,810	83,470	44,800	63,310
dollars	25	-	4	5	8	8
\$7,500 to \$9,999 .....	215,182	-	33,250	40,932	73,490	67,510
dollars	64	2	4	13	16	29
\$10,000 or more .....	2,402,687	(D)	(D)	819,252	584,392	562,449
dollars						
<b>SALES BY COMMODITY GROUP OR PRODUCT</b>						
Field and forage .....	100	1	14	13	29	43
farms	128,692	(D)	(D)	(D)	51,555	60,911
dollars	215	4	32	35	68	76
Vegetables .....	1,130,809	2,960	261,969	202,001	464,344	199,535
farms	259	10	26	45	83	95
dollars	544,305	84,945	120,794	99,592	93,110	145,864
Fruits and nuts .....						
farms						
dollars						
Nursery Crops (including ornamental plants) .....	63	2	5	16	25	15
farms	725,125	(D)	(D)	564,885	90,350	(D)
dollars	164	1	15	36	48	64
Livestock .....	649,276	(D)	(D)	138,785	146,223	299,078
farms	2	-	-	2	-	-
dollars	(D)	-	-	(D)	-	-
Milk .....	65	4	11	17	16	17
farms	145,165	3,720	10,688	21,343	18,484	90,930
dollars	4	-	-	-	-	4
Fish and aquaculture products .....	(D)	-	-	-	-	(D)
dollars						
<b>SELECTED FARM PRODUCTION EXPENSES</b>						
Machine hire and customwork .....	254	4	22	45	78	105
farms	889,923	4,666	65,515	113,882	232,128	473,732
dollars	271	3	18	50	78	122
Hired farms labor .....	1,935,535	1,750	260,800	351,856	774,909	546,220
farms	234	5	32	43	63	91
dollars	777,689	11,600	142,256	151,930	164,097	307,806
Feed purchased for livestock, poultry, and fish .....	175	4	24	31	51	65
farms	59,306	225	5,176	10,152	16,014	27,739
dollars	186	1	19	29	56	81
Fertilizers and manure purchased .....	92,857	(D)	(D)	12,123	38,960	35,779
farms	67	4	4	22	19	18
dollars	137,051	640	1,878	51,581	35,032	47,920
Livestock, poultry, and fish purchased .....	205	4	27	27	76	71
farms	119,124	332	21,741	28,952	43,253	24,846
dollars						
Seed cost (including seedlings) .....						
farms						
dollars						

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**Table 20. Summary by Age of Operator: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Under 35 years	35 to 44 years	45 to 54 years	55 to 64 years	Over 65 years
<b>SELECTED FRUITS, NUTS, AND TREE CROPS - Con.</b>						
Grapefruit ..... farms	31	-	4	6	5	16
trees not of bearing age	61	-	7	(D)	(D)	48
trees of bearing age	33	-	(D)	(D)	(D)	22
pounds	(D)	-	-	-	-	(D)
Lemons and limes ..... farms	140	6	13	27	30	64
trees not of bearing age	489	20	94	95	52	228
trees of bearing age	338	(D)	(D)	94	71	147
pounds	3,133	(D)	522	590	(D)	1,807
Mangoes ..... farms	227	10	18	36	69	94
trees not of bearing age	1,101	(D)	214	(D)	313	486
trees of bearing age	1,736	97	216	224	492	707
pounds	42,225	2,420	8,860	4,854	10,576	15,515
Oranges ..... farms	37	-	5	6	4	22
trees not of bearing age	69	-	(D)	(D)	(D)	44
trees of bearing age	43	-	8	(D)	(D)	26
pounds	340	-	(D)	90	(D)	80
Papayas ..... farms	169	6	21	26	42	74
trees not of bearing age	1,404	(D)	(D)	259	390	628
trees of bearing age	12,367	50	10,220	573	883	641
pounds	20,698	240	2,344	3,822	10,110	4,182
Pineapples ..... farms	108	5	12	16	32	43
plants not of bearing age	3,802	(D)	(D)	227	2,498	1,008
plants of bearing age	9,864	34	3,206	1,246	1,677	3,701
pounds	7,003	53	1,625	1,870	2,387	1,068
Plantains ..... farms	136	-	15	21	44	56
trees not of bearing age	2,599	-	684	315	865	735
trees of bearing age	4,755	-	562	2,076	599	1,518
pounds	20,074	-	1,370	9,918	4,252	4,534
Other fruits, nuts, and tree crops ..... farms	217	6	27	33	76	75
trees not of bearing age	2,275	(D)	(D)	1,272	161	748
trees of bearing age	14,528	99	6,214	5,190	1,692	1,333
pounds	80,901	3,662	18,980	41,301	10,684	6,274
Nursery Crops (including ornamental plants) ..... farms	63	2	5	16	25	15
sq.ft. under cover	18,148	-	1,872	3,668	9,368	3,240
acres in the open	136	(D)	(D)	9	123	3
<b>INVENTORY OF LIVESTOCK AND POULTRY</b>						
Cattle and calves ..... farms	58	1	5	13	18	21
number	1,332	(D)	(D)	317	379	610
Cows ..... farms	52	1	3	13	16	19
number	798	(D)	(D)	181	213	394
Heifers and heifer calves 1 year old or older ..... farms	30	-	2	10	9	9
number	164	-	(D)	(D)	44	38
Bulls, bull calves, steers, and steer calves 1 year old or older ..... farms	41	-	1	13	13	14
number	207	-	(D)	(D)	56	112
Calves less than 1 year old ..... farms	33	1	3	7	10	12
number	163	(D)	(D)	(D)	66	66
Hogs and pigs ..... farms	68	1	16	16	9	26
number	1,655	(D)	254	379	(D)	930
Under 8 month old ..... farms	53	1	12	15	6	19
number	1,020	(D)	141	242	(D)	595
8 months old or older ..... farms	50	1	12	14	7	16
number	635	(D)	113	137	(D)	335
Sheep and lambs ..... farms	130	2	9	29	41	49
number	5,421	(D)	(D)	1,130	2,106	1,901
Goats and kids ..... farms	136	1	9	25	37	64
number	3,664	(D)	(D)	626	986	1,789
Chickens ..... farms	99	2	15	20	28	34
number	10,367	(D)	(D)	4,841	1,106	3,649
Turkeys, ducks, geese, and other poultry ..... farms	36	2	2	11	11	10
number	1,796	(D)	(D)	229	651	776
<b>SALES OF LIVESTOCK, POULTRY, AND THEIR PRODUCTS</b>						
Cattle and calves ..... farms	21	-	-	8	4	9
number sold	123	-	-	40	32	51
Cows ..... farms	8	-	-	4	2	2
number sold	44	-	-	12	(D)	(D)
Heifers and heifer calves 1 year old or older ..... farms	8	-	-	4	1	3
number sold	18	-	-	8	(D)	(D)
Bulls, bull calves, steers, and steer calves 1 year old or older ..... farms	15	-	-	6	4	5
number sold	61	-	-	20	18	23
Calves less than 1 year old ..... farms	-	-	-	-	-	-
number sold	-	-	-	-	-	-
Hogs and pigs ..... farms	33	-	8	11	5	9
number sold	578	-	210	169	38	161
Under 8 month old ..... farms	23	-	6	9	3	5
number sold	350	-	90	119	22	119
8 months old or older ..... farms	18	-	4	5	3	6
number sold	228	-	120	50	16	42
Sheep and lambs ..... farms	63	1	2	19	22	19
number sold	1,329	(D)	(D)	397	546	302
Goats and kids ..... farms	71	1	3	15	21	31
number sold	678	(D)	(D)	113	169	335
Milk ..... farms	2	-	-	2	-	-
quarts sold	(D)	-	-	(D)	-	-
Chickens ..... farms	34	2	6	8	8	10
number sold	3,607	(D)	(D)	2,220	236	1,024
Turkeys, ducks, geese, and other poultry ..... farms	13	-	1	6	4	2
number sold	146	-	(D)	42	64	(D)
Chicken eggs ..... farms	57	4	11	17	16	9
dozens sold	7,057	384	1,230	2,002	3,102	339
Fish and aquaculture products ..... farms	4	-	-	-	-	4
number sold	714	-	-	-	-	714

**Table 21. Summary by Size of Farm: 2018**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Less than 3 acres	3 to 9 acres	10 to 19 acres	20 to 49 acres	50 to 99 acres	100 acres or more
<b>FARMS AND LAND IN FARMS</b>							
Farms ..... number	565	268	139	77	44	23	14
Percent of farms .....	100.0	47.4	24.6	13.6	7.8	4.1	2.5
Land in farms ..... acres	9,324	322	705	1,078	1,297	1,434	4,489
Percent distribution .....	100.0	3.5	7.6	11.6	13.9	15.4	48.1
Average size of farm ..... acres	16.5	1.2	5.1	14.0	29.5	62.3	320.6
<b>LAND USE</b>							
Cropland harvested ..... farms	400	218	102	38	20	14	8
..... acres	1,374	163	212	148	157	42	652
Other cropland ..... farms	187	72	72	21	8	9	5
..... acres	1,247	47	178	138	123	280	481
Pastureland or grazing land ..... farms	224	48	52	57	34	21	12
..... acres	5,538	43	222	655	854	884	2,881
Woodland ..... farms	53	10	10	14	7	8	4
..... acres	688	7	27	58	48	207	341
Other land ..... farms	333	152	96	38	25	10	12
..... acres	476	64	63	78	115	21	134
<b>IRRIGATION</b>							
Land irrigated ..... farms	247	124	67	28	15	10	3
..... acres	582	88	93	116	96	20	170
Private system ..... farms	221	103	64	28	15	8	3
..... acres	550	(D)	87	116	96	(D)	170
Public system ..... farms	34	26	6	-	-	2	-
..... acres	32	(D)	6	-	-	(D)	-
<b>MAJOR SOURCE OF IRRIGATION WATER</b>							
Well or cistern.....	178	92	48	19	10	6	3
River or stream .....	1	-	-	-	-	1	-
Lake or private pond .....	38	11	17	6	3	1	-
Canal or irrigation district.....	-	-	-	-	-	-	-
Public utility .....	16	12	-	-	2	2	-
Other .....	14	9	2	3	-	-	-
<b>TENURE OF OPERATOR</b>							
All operators ..... farms	565	268	139	77	44	23	14
..... acres	9,324	322	705	1,078	1,297	1,434	4,489
Full owners ..... farms	342	181	90	36	19	12	4
..... acres	3,749	201	456	511	572	759	1,250
Part owners ..... farms	79	18	18	16	12	10	5
..... acres	3,060	(D)	92	230	384	(D)	1,699
Tenants ..... farms	144	69	31	25	13	1	5
..... acres	2,515	(D)	157	337	341	(D)	1,540
<b>FARMS BY SIZE</b>							
Farms ..... number	565	268	139	77	44	23	14
Less than 3 acres .....	268	268	-	-	-	-	-
3 to 9 acres .....	139	-	139	-	-	-	-
10 to 19 acres .....	77	-	-	77	-	-	-
20 to 49 acres .....	44	-	-	-	44	-	-
50 to 99 acres .....	23	-	-	-	-	23	-
100 acres or more .....	14	-	-	-	-	-	14
<b>OPERATORS CHARACTERISTICS</b>							
Operator by place of residence:							
On farm operated .....	331	166	88	36	24	8	9
Not on farm operated .....	234	102	51	41	20	15	5
Operators by years on present farm:							
2 years or less .....	37	26	4	5	1	-	1
3 to 4 years .....	46	34	6	2	-	2	2
5 to 9 years .....	112	62	22	15	7	-	6
10 years or more .....	370	146	107	55	36	21	5
Operator by age group:							
Under 35 years .....	14	10	2	1	1	-	-
35 to 44 years .....	54	27	8	11	4	1	3
45 to 54 years .....	97	44	22	16	11	2	2
55 to 64 years .....	171	91	43	20	11	2	4
65 years or more .....	229	96	64	29	17	18	5
Average age .....	61	59	63	59	60	73	56
Operators by main occupation:							
Agricultural .....	354	145	94	57	28	18	12
Nonagricultural .....	211	123	45	20	16	5	2
Operator by days of work off farm:							
None .....	203	83	57	25	16	12	10
Any .....	362	185	82	52	28	11	4
1 to 49 days .....	55	21	16	11	6	-	1
50 to 99 days .....	24	15	5	1	1	2	-
100 to 149 days .....	51	27	12	7	-	4	1
150 to 199 days .....	59	38	13	7	1	-	-
200 days or more .....	173	84	36	26	20	5	2
<b>COMPUTER USE:</b>							
Computers used for the farm business .....	244	118	50	36	23	7	10
No computers used for the farm business .....	321	150	89	41	21	16	4
Internet access .....							
Dial-up service .....	1	-	1	-	-	-	-
DSL service .....	3	1	-	2	-	-	-
Cable modem service .....	12	8	2	-	2	-	-
Fiber-optic service .....	-	-	-	-	-	-	-

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**Table 21. Summary by Size of Farm: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Less than 3 acres	3 to 9 acres	10 to 19 acres	20 to 49 acres	50 to 99 acres	100 acres or more
<b>COMPUTER USE: - Con.</b>							
Internet access - Con.							
Mobile broadband plan for a computer or cellphone .....	130	68	45	7	4	4	2
Satellite service .....	4	2	2	-	-	-	-
Broadband over power lines (BPL) .....	83	34	15	12	11	5	6
Other type of service .....	-	-	-	-	-	-	-
No internet access .....	332	155	74	56	27	14	6
<b>INCOME FROM GOVERNMENT PROGRAMS</b>							
Participation in government farm programs .....	126	31	32	34	14	9	6
dollars	971,114	156,918	195,442	184,312	260,002	113,440	61,000
<b>LABOR STATUS</b>							
Unpaid labor .....	461	218	117	64	38	17	7
farms	1,145	372	218	174	116	34	231
workers	51	22	11	8	7	-	3
Less than 25 days .....	119	32	18	40	(D)	-	(D)
workers	99	57	23	9	8	-	2
25 to 149 days .....	390	115	38	15	(D)	-	(D)
workers	368	158	99	55	33	17	6
150 days or more .....	636	225	162	119	82	34	14
workers	271	116	63	43	23	13	13
Hired farm labor .....	765	282	131	128	91	40	93
farms	61	26	19	8	4	-	4
workers	170	44	24	34	(D)	-	(D)
Less than 25 days .....	107	53	19	18	9	6	2
farms	200	80	39	35	(D)	6	(D)
workers	147	50	34	27	17	7	12
150 days or more .....	395	158	68	59	33	34	43
workers							
<b>SELECTED EQUIPMENT</b>							
Tractors (all kinds) .....	184	58	53	34	21	7	11
farms	496	170	129	83	47	11	56
number	329	138	89	50	32	15	5
Motortrucks .....	413	151	103	73	51	27	8
farms	323	157	71	48	22	14	11
number	411	195	90	62	29	14	21
number							
<b>FARMS BY VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales .....	565	268	139	77	44	23	14
farms	3,334,652	868,913	706,009	804,316	335,660	182,070	437,684
dollars	5,902	3,242	5,079	10,446	7,629	7,916	31,263
Average per farm .....							
Farms by value of sales:							
Less than \$1,200 .....	294	155	73	34	20	8	4
farms	104,056	66,141	22,621	7,010	(D)	(D)	(D)
dollars	71	40	17	11	1	2	-
\$1,200 to \$2,499 .....	123,543	69,183	29,580	19,200	(D)	(D)	-
dollars	74	38	12	8	10	6	-
\$2,500 to \$4,999 .....	263,794	134,719	43,225	28,200	36,550	21,100	-
dollars	37	9	14	8	3	-	3
\$5,000 to \$7,499 .....	225,390	49,660	86,330	51,320	(D)	-	(D)
dollars	25	8	9	3	3	2	-
\$7,500 to \$9,999 .....	215,182	70,360	74,160	25,372	(D)	(D)	-
dollars	64	18	14	13	7	5	7
\$10,000 or more .....	2,402,687	478,850	450,093	673,214	245,086	136,440	419,004
dollars							
<b>SALES BY COMMODITY GROUP OR PRODUCT</b>							
Field and forage .....	100	68	20	4	5	1	2
farms	128,692	61,634	(D)	(D)	(D)	(D)	(D)
dollars	215	126	51	21	11	3	3
Vegetables .....	1,130,809	208,434	309,372	207,052	155,716	16,200	234,035
farms	259	148	69	21	9	8	4
dollars	544,305	200,951	138,105	44,141	38,362	33,978	88,768
Fruits and nuts .....							
Nursery Crops (including ornamental plants) .....	63	33	16	9	4	-	1
farms	725,125	224,175	61,350	434,750	(D)	-	(D)
dollars	164	53	31	33	23	14	10
Livestock .....	649,276	150,040	84,236	80,325	114,232	127,562	92,881
farms	2	-	2	-	-	-	-
dollars	(D)	-	(D)	-	-	-	-
Milk .....	65	36	14	2	8	2	3
farms	145,165	(D)	84,226	(D)	19,230	(D)	(D)
dollars	4	2	2	-	-	-	-
Poultry and eggs .....	(D)	(D)	(D)	-	-	-	-
Fish and aquaculture products .....	(D)	(D)	(D)	-	-	-	-
dollars							
<b>SELECTED FARM PRODUCTION EXPENSES</b>							
Machine hire and customwork .....	254	92	78	34	27	19	4
farms	889,923	120,139	207,214	322,302	118,580	92,788	28,900
dollars	271	116	63	43	23	13	13
Hired farms labor .....	1,935,535	353,408	326,120	521,981	204,748	85,200	444,078
farms	234	83	42	49	32	18	10
dollars	777,689	288,443	90,196	170,990	128,221	53,800	46,039
Feed purchased for livestock, poultry, and fish .....	175	92	46	18	11	4	4
farms	59,306	26,331	13,356	14,388	2,615	1,406	1,210
dollars	186	100	49	21	5	8	3
Fertilizers and manure purchased .....	92,857	26,744	30,367	25,466	(D)	3,250	(D)
farms	67	35	12	3	9	4	4
dollars	137,051	52,109	36,850	8,550	3,372	3,200	32,970
Livestock, poultry, and fish purchased .....	205	115	57	18	8	4	3
farms	119,124	39,529	21,825	37,546	6,524	3,000	10,700
dollars							

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**Table 21. Summary by Size of Farm: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Less than 3 acres	3 to 9 acres	10 to 19 acres	20 to 49 acres	50 to 99 acres	100 acres or more
<b>FIELD CROPS</b>							
Cassava (tapioca) .....farms	70	44	15	4	5	1	1
acres	14	6	5	(D)	2	(D)	(D)
pounds	11,126	4,898	4,100	(D)	(D)	(D)	-
Dry corn .....farms	13	10	3	-	-	-	-
acres	(D)	1	(D)	-	-	-	-
pounds	2,080	(D)	(D)	-	-	-	-
Hay (cut or grazed) .....farms	2	-	-	-	-	-	2
acres	(D)	-	-	-	-	-	(D)
pounds	(D)	-	-	-	-	-	(D)
Sugarcane (cut or grazed) .....farms	68	40	17	4	6	1	-
acres	41	6	(D)	6	25	(D)	-
pounds	24,032	14,307	8,222	(D)	-	(D)	-
Sweet potatoes .....farms	64	42	14	4	4	-	-
acres	14	8	4	1	1	-	-
pounds	34,264	29,962	3,760	(D)	(D)	-	-
Taniers .....farms	33	13	13	2	4	1	-
acres	5	(D)	1	(D)	2	(D)	-
pounds	1,554	(D)	780	-	-	(D)	-
Yams .....farms	30	19	8	-	2	1	-
acres	4	3	(D)	-	(D)	(D)	-
pounds	2,335	2,104	(D)	-	-	(D)	-
Other field crops .....farms	11	5	2	2	2	-	-
acres	(D)	1	(D)	(D)	(D)	-	-
pounds	1,001	(D)	(D)	-	-	-	-
<b>VEGETABLE CROPS</b>							
Cabbage .....farms	32	26	4	2	-	-	-
acres	4	3	(D)	(D)	-	-	-
pounds	3,055	1,334	(D)	(D)	-	-	-
Carrots .....farms	30	20	6	-	2	-	2
acres	11	3	(D)	-	(D)	-	(D)
pounds	4,508	858	(D)	-	(D)	-	(D)
Celery .....farms	44	36	7	1	-	-	-
acres	5	4	(D)	(D)	-	-	-
pounds	1,633	835	(D)	-	-	-	-
Cucumbers .....farms	104	56	28	6	8	3	3
acres	71	8	7	1	2	3	51
pounds	97,575	(D)	33,222	21,284	8,226	(D)	18,800
Eggplant .....farms	69	43	15	5	-	3	3
acres	13	5	2	1	-	1	4
pounds	41,799	1,897	3,882	24,520	-	600	10,900
Green beans .....farms	39	28	5	3	-	-	3
acres	5	3	1	(Z)	-	-	1
pounds	5,233	1,018	(D)	(D)	-	-	1,500
Lettuce .....farms	47	32	8	1	4	-	2
acres	19	4	(D)	(D)	2	-	(D)
pounds	11,638	2,052	2,960	(D)	(D)	-	-
Okra .....farms	111	68	29	6	5	1	2
acres	19	10	5	(D)	1	(D)	(D)
pounds	13,126	3,461	6,875	1,380	(D)	-	(D)
Onions, chives, and scallions .....farms	74	51	15	3	3	-	2
acres	11	7	2	(D)	1	-	(D)
pounds	3,688	1,973	830	260	(D)	-	(D)
Peppers .....farms	140	84	32	10	8	2	4
acres	28	12	6	3	(D)	(D)	4
pounds	28,944	4,804	6,350	2,030	(D)	(D)	9,300
Spinach .....farms	66	47	15	3	-	-	1
acres	8	6	2	(D)	-	-	(D)
pounds	6,435	2,321	2,514	1,600	-	-	-
Squash .....farms	38	17	10	2	4	2	3
acres	13	2	(D)	(D)	2	(D)	6
pounds	61,403	1,249	2,040	(D)	2,314	(D)	(D)
Tomatoes (include both standard and cherry tomatoes) .....farms	99	54	25	7	9	1	3
acres	28	6	4	(D)	4	(D)	10
pounds	75,687	3,531	25,064	7,048	13,774	-	26,270
Sorrel (H. sabdariffa) .....farms	53	33	15	2	2	-	1
acres	17	5	12	(D)	(D)	-	(D)
pounds	7,607	4,702	2,680	(D)	(D)	-	(D)
Herbs .....farms	95	54	26	7	6	-	2
acres	18	7	4	(D)	3	-	(D)
pounds	10,293	1,655	3,418	(D)	1,350	-	(D)
Other vegetables .....farms	103	62	26	10	3	-	2
acres	108	17	7	16	(D)	-	(D)
pounds	55,814	12,350	7,446	21,651	(D)	-	(D)
<b>SELECTED FRUITS, NUTS, AND TREE CROPS</b>							
Land in bearing and nonbearing fruit trees and plants .....farms	362	193	95	35	19	14	6
acres	570	97	163	81	107	36	85
Avocados .....farms	201	108	52	19	11	8	3
trees not of bearing age	699	185	241	18	119	108	28
trees of bearing age	781	283	318	69	45	56	10
pounds	11,480	4,415	2,215	650	(D)	3,700	(D)
Bananas .....farms	264	160	67	18	11	3	5
trees not of bearing age	10,372	3,603	3,578	(D)	1,910	(D)	891
trees of bearing age	8,195	2,542	4,269	451	766	(D)	(D)
pounds	61,430	28,650	18,904	11,402	1,360	(D)	(D)
Breadfruit .....farms	114	60	34	8	8	1	3
trees not of bearing age	251	123	41	42	12	(D)	(D)
trees of bearing age	332	94	170	57	(D)	(D)	(D)
pounds	2,765	1,451	(D)	824	(D)	-	-
Coconuts .....farms	214	115	60	21	13	2	3
trees not of bearing age	2,324	797	902	279	266	-	80
trees of bearing age	2,455	460	692	768	(D)	(D)	-
pounds	28,496	6,505	15,011	5,280	(D)	(D)	-

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**Table 21. Summary by Size of Farm: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Less than 3 acres	3 to 9 acres	10 to 19 acres	20 to 49 acres	50 to 99 acres	100 acres or more
<b>SELECTED FRUITS, NUTS, AND TREE CROPS - Con.</b>							
Grapefruit ..... farms	31	18	8	2	-	-	3
trees not of bearing age	61	42	11	-	-	-	8
trees of bearing age	33	(D)	(D)	(D)	-	-	-
pounds	(D)	(D)	-	-	-	-	-
Lemons and limes ..... farms	140	76	41	9	11	-	3
trees not of bearing age	489	171	202	(D)	(D)	-	62
trees of bearing age	338	95	185	(D)	36	-	(D)
pounds	3,133	339	2,242	50	(D)	-	(D)
Mangoes ..... farms	227	112	64	25	15	8	3
trees not of bearing age	1,101	256	503	33	129	28	152
trees of bearing age	1,736	374	627	(D)	181	244	(D)
pounds	42,225	9,756	13,850	4,275	(D)	5,000	(D)
Oranges ..... farms	37	26	3	1	5	-	2
trees not of bearing age	69	(D)	(D)	-	-	-	(D)
trees of bearing age	43	18	(D)	(D)	13	-	(D)
pounds	340	110	-	(D)	(D)	-	(D)
Papayas ..... farms	169	90	56	10	9	1	3
trees not of bearing age	1,404	674	516	(D)	112	(D)	(D)
trees of bearing age	12,367	532	1,397	318	(D)	(D)	10,004
pounds	20,698	5,178	11,872	1,426	(D)	-	(D)
Pineapples ..... farms	108	56	24	11	12	2	3
plants not of bearing age	3,802	338	1,801	1,070	593	-	-
plants of bearing age	9,864	1,261	1,555	(D)	1,464	(D)	5,000
pounds	7,003	904	2,149	(D)	2,110	(D)	1,620
Plantains ..... farms	136	76	45	8	4	2	1
trees not of bearing age	2,599	1,335	904	76	(D)	(D)	(D)
trees of bearing age	4,755	712	2,779	360	(D)	(D)	(D)
pounds	20,074	7,796	10,830	(D)	-	(D)	-
Other fruits, nuts, and tree crops ..... farms	217	116	59	24	9	5	4
trees not of bearing age	2,275	422	1,791	(D)	(D)	(D)	-
trees of bearing age	14,528	968	3,279	2,723	919	162	6,477
pounds	80,901	11,637	33,239	8,127	8,006	1,486	18,406
Nursery Crops (including ornamental plants) ..... farms	63	33	16	9	4	-	1
sq.ft. under cover	18,148	6,720	3,680	(D)	(D)	-	(D)
acres in the open	136	2	5	(D)	(D)	-	-
<b>INVENTORY OF LIVESTOCK AND POULTRY</b>							
Cattle and calves ..... farms	58	7	7	20	7	11	6
number	1,332	39	39	191	121	386	556
Cows ..... farms	52	7	5	16	7	11	6
number	798	18	21	132	69	290	268
Heifers and heifer calves 1 year old or older ..... farms	30	2	2	11	4	5	6
number	164	(D)	(D)	15	(D)	16	85
Bulls, bull calves, steers, and steer calves 1 year old or older ..... farms	41	4	4	11	7	9	6
number	207	(D)	(D)	25	8	40	120
Calves less than 1 year old ..... farms	33	3	3	10	2	9	6
number	163	(D)	10	19	(D)	40	83
Hogs and pigs ..... farms	68	22	9	12	16	2	7
number	1,655	336	226	271	636	(D)	(D)
Under 8 month old ..... farms	53	15	7	8	14	2	7
number	1,020	181	157	118	403	(D)	(D)
8 months old or older ..... farms	50	16	7	10	12	-	5
number	635	155	69	153	233	-	25
Sheep and lambs ..... farms	130	35	28	31	17	12	7
number	5,421	486	487	1,229	1,353	778	1,088
Goats and kids ..... farms	136	29	41	36	14	10	6
number	3,664	548	837	737	595	759	188
Chickens ..... farms	99	54	17	10	13	2	3
number	10,367	3,181	4,202	2,201	683	(D)	(D)
Turkeys, ducks, geese, and other poultry ..... farms	36	24	5	2	2	-	3
number	1,796	1,501	105	(D)	(D)	-	50
<b>SALES OF LIVESTOCK, POULTRY, AND THEIR PRODUCTS</b>							
Cattle and calves ..... farms	21	2	2	2	4	7	4
number sold	123	(D)	(D)	(D)	22	47	40
Cows ..... farms	8	-	2	-	2	2	2
number sold	44	-	(D)	-	(D)	(D)	(D)
Heifers and heifer calves 1 year old or older ..... farms	8	-	2	2	2	1	1
number sold	18	-	(D)	(D)	(D)	(D)	(D)
Bulls, bull calves, steers, and steer calves 1 year old or older ..... farms	15	2	-	-	4	5	4
number sold	61	(D)	-	-	(D)	23	26
Calves less than 1 year old ..... farms	-	-	-	-	-	-	-
number sold	-	-	-	-	-	-	-
Hogs and pigs ..... farms	33	10	3	6	10	-	4
number sold	578	82	95	94	137	-	170
Under 8 month old ..... farms	23	7	3	2	7	-	4
number sold	350	69	95	(D)	62	-	(D)
8 months old or older ..... farms	18	4	-	6	6	-	2
number sold	228	13	-	(D)	75	-	(D)
Sheep and lambs ..... farms	63	14	9	16	9	8	7
number sold	1,329	163	104	260	375	112	315
Goats and kids ..... farms	71	19	20	13	9	7	3
number sold	678	134	143	92	214	80	15
Milk ..... farms	2	-	2	-	-	-	-
quarts sold	(D)	-	(D)	-	-	-	-
Chickens ..... farms	34	18	5	4	6	-	1
number sold	3,607	446	2,112	(D)	830	-	(D)
Turkeys, ducks, geese, and other poultry ..... farms	13	6	2	-	2	-	3
number sold	146	84	(D)	-	(D)	-	(D)
Chicken eggs ..... farms	57	34	14	-	6	-	3
dozens sold	7,057	2,681	1,782	-	2,504	-	90
Fish and aquaculture products ..... farms	4	2	2	-	-	-	-
number sold	714	(D)	(D)	-	-	-	-

**Table 22. Summary by Market Value of Agricultural Products Sold: 2018**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	\$500 to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 or more
<b>FARMS AND LAND IN FARMS</b>							
Farms ..... number	565	294	71	74	37	25	64
Percent of farms .....	100.0	52.0	12.6	13.1	6.5	4.4	11.3
Land in farms ..... acres	9,324	3,383	456	845	891	337	3,413
Percent distribution .....	100.0	36.3	4.9	9.1	9.6	3.6	36.6
Average size of farm ..... acres	16.5	11.5	6.4	11.4	24.1	13.5	53.3
<b>LAND USE</b>							
Cropland harvested ..... farms	400	197	50	56	25	21	51
..... acres	1,374	266	73	108	36	80	811
Other cropland ..... farms	187	94	17	25	14	13	24
..... acres	1,247	467	130	168	64	160	258
Pastureland or grazing land ..... farms	224	115	31	25	21	8	24
..... acres	5,538	2,030	213	484	674	42	2,096
Woodland ..... farms	53	22	6	9	3	8	5
..... acres	688	442	(D)	50	(D)	17	65
Other land ..... farms	333	168	43	48	17	20	37
..... acres	476	176	(D)	37	(D)	38	182
<b>IRRIGATION</b>							
Land irrigated ..... farms	247	93	36	33	23	21	41
..... acres	582	80	48	24	33	39	358
Private system ..... farms	221	80	33	29	22	20	37
..... acres	550	67	45	(D)	(D)	35	351
Public system ..... farms	34	15	3	6	3	3	4
..... acres	32	13	4	(D)	(D)	3	7
<b>MAJOR SOURCE OF IRRIGATION WATER</b>							
Well or cistern.....	178	66	27	25	21	12	27
River or stream .....	1	1	-	-	-	-	-
Lake or private pond .....	38	13	5	5	-	5	10
Canal or irrigation district.....	-	-	-	-	-	-	-
Public utility .....	16	8	2	2	-	2	2
Other .....	14	5	2	1	2	2	2
<b>TENURE OF OPERATOR</b>							
All operators ..... farms	565	294	71	74	37	25	64
..... acres	9,324	3,383	456	845	891	337	3,413
Full owners ..... farms	342	197	44	44	18	11	28
..... acres	3,749	2,546	215	371	98	116	403
Part owners ..... farms	79	32	11	9	5	7	15
..... acres	3,060	483	157	274	211	139	1,797
Tenants ..... farms	144	65	16	21	14	7	21
..... acres	2,515	355	83	200	582	82	1,213
<b>FARMS BY SIZE</b>							
Farms ..... number	565	294	71	74	37	25	64
Less than 3 acres .....	268	155	40	38	9	8	18
3 to 9 acres .....	139	73	17	12	14	9	14
10 to 19 acres .....	77	34	11	8	8	3	13
20 to 49 acres .....	44	20	1	10	3	3	7
50 to 99 acres .....	23	8	2	6	-	2	5
100 acres or more .....	14	4	-	-	3	-	7
<b>OPERATORS CHARACTERISTICS</b>							
Operator by place of residence:							
On farm operated .....	331	170	45	37	24	12	43
Not on farm operated .....	234	124	26	37	13	13	21
Operators by years on present farm:							
2 years or less .....	37	29	-	6	2	-	-
3 to 4 years .....	46	15	9	10	-	3	9
5 to 9 years .....	112	42	22	14	14	10	10
10 years or more .....	370	208	40	44	21	12	45
Operator by age group:							
Under 35 years .....	14	5	4	3	-	-	2
35 to 44 years .....	54	28	6	6	6	4	4
45 to 54 years .....	97	41	10	15	13	5	13
55 to 64 years .....	171	95	21	24	7	8	16
65 years or more .....	229	125	30	26	11	8	29
Average age .....	61	62	61	59	55	61	61
Operators by main occupation:							
Agricultural .....	354	166	39	54	32	18	45
Nonagricultural .....	211	128	32	20	5	7	19
Operator by days of work off farm:							
None .....	203	103	17	23	17	13	30
Any .....	362	191	54	51	20	12	34
1 to 49 days .....	55	21	7	16	6	1	4
50 to 99 days .....	24	9	2	6	2	3	2
100 to 149 days .....	51	23	11	8	4	-	5
150 to 199 days .....	59	33	9	5	6	-	6
200 days or more .....	173	105	25	16	2	8	17
<b>COMPUTER USE:</b>							
Computers used for the farm business .....	244	105	30	30	19	12	48
No computers used for the farm business .....	321	189	41	44	18	13	16
Internet access .....							
Dial-up service .....	233	115	28	25	18	12	35
DSL service .....	1	1	-	-	-	-	-
Cable modem service .....	3	1	2	-	-	-	-
Fiber-optic service .....	12	7	-	-	1	-	4
.....	-	-	-	-	-	-	-

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**Table 22. Summary by Market Value of Agricultural Products Sold: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	\$500 to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 or more
<b>COMPUTER USE: - Con.</b>							
Internet access - Con.							
Mobile broadband plan for a computer or cellphone .....	130	65	18	14	13	10	10
Satellite service .....	4	2	-	-	2	-	-
Broadband over power lines (BPL) .....	83	39	8	11	2	2	21
Other type of service .....	-	-	-	-	-	-	-
No internet access .....	332	179	43	49	19	13	29
<b>INCOME FROM GOVERNMENT PROGRAMS</b>							
Participation in government farm programs .....	126	35	17	29	14	8	23
dollars	971,114	360,784	67,798	115,976	79,950	59,884	286,722
<b>LABOR STATUS</b>							
Unpaid labor .....	461	251	52	60	31	20	47
farms	1,145	519	81	127	52	44	322
Less than 25 days .....	51	24	5	4	3	4	11
workers	119	68	5	6	3	4	33
25 to 149 days .....	99	59	6	8	6	5	15
workers	390	116	9	16	14	11	224
150 days or more .....	368	190	47	56	26	17	32
farms	636	335	67	105	35	29	65
workers	271	105	40	35	19	19	53
Hired farm labor .....	765	288	121	75	56	38	187
Less than 25 days .....	61	22	9	7	10	6	7
farms	170	60	15	9	30	6	50
workers	107	40	20	15	4	7	21
25 to 149 days .....	200	73	36	32	6	15	38
workers	147	60	19	16	10	10	32
farms	395	155	70	34	20	17	99
workers							
<b>SELECTED EQUIPMENT</b>							
Tractors (all kinds) .....	184	90	13	19	11	12	39
farms	496	217	19	43	21	45	151
number	329	151	53	53	24	15	33
Motortrucks .....	413	175	64	67	30	23	54
farms	323	143	45	47	23	18	47
number	411	174	56	59	26	24	72
farms							
<b>FARMS BY VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales .....	565	294	71	74	37	25	64
farms	3,334,652	104,056	123,543	263,794	225,390	215,182	2,402,687
dollars	5,902	354	1,740	3,565	6,092	8,607	37,542
Average per farm .....							
Farms by value of sales:							
Less than \$1,200 .....	294	294	-	-	-	-	-
farms	104,056	104,056	-	-	-	-	-
dollars	71	-	71	-	-	-	-
\$1,200 to \$2,499 .....	123,543	-	123,543	-	-	-	-
farms	74	-	-	74	-	-	-
dollars	263,794	-	-	263,794	-	-	-
\$2,500 to \$4,999 .....	37	-	-	-	37	-	-
farms	225,390	-	-	-	225,390	-	-
dollars	25	-	-	-	-	25	-
\$7,500 to \$9,999 .....	215,182	-	-	-	-	215,182	-
farms	64	-	-	-	-	-	64
dollars	2,402,687	-	-	-	-	-	2,402,687
farms							
<b>SALES BY COMMODITY GROUP OR PRODUCT</b>							
Field and forage .....	100	42	11	20	3	10	14
farms	128,692	7,801	(D)	12,278	(D)	19,575	76,518
dollars	215	79	24	46	15	17	34
Vegetables .....	1,130,809	23,130	18,119	83,515	41,665	63,122	901,258
farms	259	113	35	42	16	19	34
dollars	544,305	37,235	31,510	45,851	41,890	52,035	335,784
Fruits and nuts .....	63	16	7	8	5	6	21
Nursery Crops (including ornamental plants) .....	725,125	4,715	(D)	10,670	23,200	(D)	666,640
farms	164	46	32	37	17	8	24
dollars	649,276	24,305	46,440	99,450	96,250	41,220	341,611
Livestock .....	2	-	-	-	-	2	-
farms	(D)	-	-	-	-	(D)	-
dollars	65	21	18	11	5	3	7
Poultry and eggs .....	145,165	6,870	13,119	12,030	13,520	18,750	80,876
farms	4	-	2	-	2	-	-
dollars	(D)	-	(D)	-	(D)	-	-
Fish and aquaculture products .....							
farms							
dollars							
<b>SELECTED FARM PRODUCTION EXPENSES</b>							
Machine hire and customwork .....	254	118	29	36	19	13	39
farms	889,923	298,016	105,933	117,598	87,560	29,200	251,616
dollars	271	105	40	35	19	19	53
Hired farms labor .....	1,935,535	367,280	126,150	292,901	111,000	59,768	978,436
farms	234	114	38	32	17	13	20
dollars	777,689	361,310	85,666	111,440	56,128	51,902	111,243
Feed purchased for livestock, poultry, and fish .....	175	70	16	33	13	7	36
Insecticides, fungicides, and herbicides .....	59,306	9,279	2,703	6,850	3,400	3,500	33,574
dollars	186	75	23	29	17	8	34
Fertilizers and manure purchased .....	92,857	13,462	4,987	9,030	4,520	3,600	57,258
farms	67	21	20	13	4	3	6
dollars	137,051	29,420	48,761	12,700	1,900	1,900	42,370
Livestock, poultry, and fish purchased .....	205	87	19	34	18	11	36
farms	119,124	16,929	8,525	7,000	10,450	3,500	72,720
dollars							

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**Table 22. Summary by Market Value of Agricultural Products Sold: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	\$500 to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 or more
<b>FIELD CROPS</b>							
Cassava (tapioca) ..... farms	70	34	7	12	5	6	6
acres	14	6	1	2	1	4	1
pounds	11,126	2,093	270	2,265	400	2,840	3,258
Dry corn ..... farms	13	6	3	2	-	2	-
acres	(D)	1	(D)	(D)	-	(D)	-
pounds	2,080	220	(D)	(D)	-	-	-
Hay (cut or grazed) ..... farms	2	-	-	-	-	-	2
acres	(D)	-	-	-	-	-	(D)
pounds	(D)	-	-	-	-	-	(D)
Sugarcane (cut or grazed) ..... farms	68	34	9	11	2	5	7
acres	41	28	(D)	2	(D)	2	6
pounds	24,032	(D)	3,250	6,600	(D)	6,025	3,475
Sweet potatoes ..... farms	64	27	5	14	3	7	8
acres	14	3	1	2	(Z)	3	5
pounds	34,264	540	(D)	3,200	(D)	1,002	27,242
Taniers ..... farms	33	15	4	10	2	2	-
acres	5	3	(D)	1	(D)	(D)	-
pounds	1,554	174	160	1,100	(D)	(D)	-
Yams ..... farms	30	11	4	9	2	4	-
acres	4	1	(D)	2	(D)	(Z)	-
pounds	2,335	107	110	1,956	(D)	(D)	-
Other field crops ..... farms	11	7	-	1	3	-	-
acres	(D)	1	-	(D)	(Z)	-	-
pounds	1,001	(D)	-	(D)	500	-	-
<b>VEGETABLE CROPS</b>							
Cabbage ..... farms	32	21	1	6	1	1	2
acres	4	3	(D)	1	(D)	(D)	(D)
pounds	3,055	830	(D)	635	(D)	(D)	(D)
Carrots ..... farms	30	17	-	5	2	1	5
acres	11	2	-	(D)	(D)	(D)	7
pounds	4,508	396	-	(D)	(D)	(D)	3,422
Celery ..... farms	44	19	5	11	3	4	2
acres	5	3	(D)	1	(Z)	(Z)	(D)
pounds	1,633	211	89	601	(D)	660	(D)
Cucumbers ..... farms	104	40	8	19	8	9	20
acres	71	6	1	3	1	4	56
pounds	97,575	1,930	605	5,390	9,884	8,650	71,116
Eggplant ..... farms	69	28	4	16	4	4	13
acres	13	3	(Z)	2	1	(Z)	6
pounds	41,799	1,067	141	1,500	150	241	38,700
Green beans ..... farms	39	14	7	3	6	2	7
acres	5	2	(D)	(Z)	1	(D)	2
pounds	5,233	461	142	(D)	125	(D)	3,830
Lettuce ..... farms	47	17	5	12	3	2	8
acres	19	2	1	2	(D)	(D)	14
pounds	11,638	557	450	1,470	(D)	(D)	8,546
Okra ..... farms	111	48	9	27	5	8	14
acres	19	7	1	4	1	2	4
pounds	13,126	1,726	360	2,535	205	1,460	6,840
Onions, chives, and scallions ..... farms	74	28	6	16	7	5	12
acres	11	5	1	2	1	1	2
pounds	3,688	756	334	773	540	270	1,015
Peppers ..... farms	140	60	17	28	11	3	21
acres	28	9	2	5	2	(Z)	11
pounds	28,944	1,157	(D)	2,546	1,117	(D)	22,644
Spinach ..... farms	66	31	7	14	6	3	5
acres	8	4	1	2	1	1	1
pounds	6,435	486	380	2,279	235	925	2,130
Squash ..... farms	38	7	2	6	2	10	11
acres	13	1	(D)	(D)	(D)	1	10
pounds	61,403	568	(D)	910	(D)	321	59,414
Tomatoes (include both standard and cherry tomatoes) ..... farms	99	30	12	21	8	7	21
acres	28	3	1	4	1	1	17
pounds	75,687	798	745	4,822	5,462	3,390	60,470
Sorrel (H. sabdariffa) ..... farms	53	17	4	13	3	5	11
acres	17	2	1	2	(Z)	10	2
pounds	7,607	1,052	290	1,590	130	1,220	3,325
Herbs ..... farms	95	42	10	19	5	3	16
acres	18	5	1	3	1	(Z)	9
pounds	10,293	461	304	1,010	(D)	(D)	8,040
Other vegetables ..... farms	103	37	12	14	10	11	19
acres	108	11	4	3	2	3	85
pounds	55,814	2,332	568	5,812	1,048	5,869	40,185
<b>SELECTED FRUITS, NUTS, AND TREE CROPS</b>							
Land in bearing and nonbearing fruit trees and plants ..... farms	362	182	47	50	19	19	45
acres	570	199	56	74	28	61	152
Avocados ..... farms	201	102	25	27	18	7	22
trees not of bearing age	699	219	173	89	76	-	142
trees of bearing age	781	425	35	106	52	37	126
pounds	11,480	2,445	380	2,965	1,385	145	4,160
Bananas ..... farms	264	141	36	35	17	11	24
trees not of bearing age	10,372	3,431	866	1,264	927	2,022	1,862
trees of bearing age	8,195	3,047	547	1,198	459	1,410	1,534
pounds	61,430	15,432	13,696	8,746	6,110	1,580	15,866
Breadfruit ..... farms	114	55	13	21	9	8	8
trees not of bearing age	251	165	9	20	11	12	34
trees of bearing age	332	207	19	33	7	14	52
pounds	2,765	510	(D)	955	600	(D)	(D)
Coconuts ..... farms	214	110	32	28	18	8	18
trees not of bearing age	2,324	1,081	299	(D)	350	(D)	337
trees of bearing age	2,455	943	266	160	215	82	789
pounds	28,496	5,046	11,805	4,030	(D)	(D)	5,080

--continued



**Table 22. Summary by Market Value of Agricultural Products Sold: 2018 (continued)**

[Totals may not add due to rounding. For enumeration periods, see appendix A. For meaning of abbreviations and symbols, see introductory text.]

Item	Total	\$500 to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 or more
<b>SELECTED FRUITS, NUTS, AND TREE CROPS - Con.</b>							
Grapefruit .....farms	31	19	2	2	4	-	4
trees not of bearing age	61	39	(D)	(D)	4	-	(D)
trees of bearing age	33	24	(D)	-	(D)	-	(D)
pounds	(D)	-	(D)	-	-	-	-
Lemons and limes .....farms	140	77	20	24	5	4	10
trees not of bearing age	489	103	108	114	58	44	62
trees of bearing age	338	187	19	84	-	12	36
pounds	3,133	140	260	585	-	1,602	546
Mangoes .....farms	227	121	23	29	16	15	23
trees not of bearing age	1,101	462	95	76	102	78	288
trees of bearing age	1,736	892	127	161	93	124	339
pounds	42,225	7,551	2,950	4,945	6,000	3,200	17,579
Oranges .....farms	37	19	5	4	5	-	4
trees not of bearing age	69	37	8	-	10	-	14
trees of bearing age	43	18	4	12	(D)	-	(D)
pounds	340	-	100	(D)	(D)	-	(D)
Papayas .....farms	169	78	21	27	16	10	17
trees not of bearing age	1,404	703	126	347	98	46	84
trees of bearing age	12,367	533	201	154	158	113	11,208
pounds	20,698	3,123	2,432	2,635	5,415	1,055	6,038
Pineapples .....farms	108	46	18	14	10	4	16
plants not of bearing age	3,802	848	(D)	793	207	(D)	1,720
plants of bearing age	9,864	854	209	766	255	460	7,320
pounds	7,003	832	271	320	540	208	4,832
Plantains .....farms	136	70	12	26	11	8	9
trees not of bearing age	2,599	1,203	78	887	250	120	61
trees of bearing age	4,755	704	162	750	361	450	2,328
pounds	20,074	6,008	(D)	3,036	1,270	1,260	(D)
Other fruits, nuts, and tree crops .....farms	217	103	32	24	14	15	29
trees not of bearing age	2,275	462	84	71	(D)	392	(D)
trees of bearing age	14,528	791	422	121	115	1,827	11,252
pounds	80,901	4,145	2,840	1,009	964	4,110	67,833
Nursery Crops (including ornamental plants) .....farms	63	16	7	8	5	6	21
sq.ft. under cover	18,148	3,152	3,000	(D)	1,440	(D)	3,788
acres in the open	136	2	1	(Z)	120	1	11
<b>INVENTORY OF LIVESTOCK AND POULTRY</b>							
Cattle and calves .....farms	58	25	8	11	6	1	7
number	1,332	429	(D)	209	252	(D)	386
Cows .....farms	52	23	4	11	6	1	7
number	798	232	(D)	149	137	(D)	253
Heifers and heifer calves 1 year old or older .....farms	30	10	4	6	5	1	4
number	164	42	(D)	12	50	(D)	53
Bulls, bull calves, steers, and steer calves 1 year old or older .....farms	41	16	4	10	5	1	5
number	207	102	(D)	26	34	(D)	(D)
Calves less than 1 year old .....farms	33	16	2	7	5	1	2
number	163	53	(D)	22	31	(D)	(D)
Hogs and pigs .....farms	68	24	11	18	8	2	5
number	1,655	659	312	218	212	(D)	(D)
Under 8 month old .....farms	53	17	7	16	6	2	5
number	1,020	380	216	102	100	(D)	(D)
8 months old or older .....farms	50	15	11	11	8	2	3
number	635	279	96	116	112	(D)	(D)
Sheep and lambs .....farms	130	61	20	22	7	3	17
number	5,421	1,405	565	983	190	209	2,069
Goats and kids .....farms	136	74	18	20	9	6	9
number	3,664	1,224	518	1,027	362	96	437
Chickens .....farms	99	48	18	14	7	5	7
number	10,367	2,387	1,172	871	3,099	584	2,254
Turkeys, ducks, geese, and other poultry .....farms	36	17	2	12	-	1	4
number	1,796	1,332	(D)	378	-	(D)	46
<b>SALES OF LIVESTOCK, POULTRY, AND THEIR PRODUCTS</b>							
Cattle and calves .....farms	21	2	2	8	5	-	4
number sold	123	(D)	(D)	40	34	-	(D)
Cows .....farms	8	-	-	4	1	-	3
number sold	44	-	-	12	(D)	-	(D)
Heifers and heifer calves 1 year old or older .....farms	8	-	2	4	1	-	1
number sold	18	-	(D)	8	(D)	-	(D)
Bulls, bull calves, steers, and steer calves 1 year old or older .....farms	15	2	-	6	5	-	2
number sold	61	(D)	-	20	(D)	-	(D)
Calves less than 1 year old .....farms	-	-	-	-	-	-	-
number sold	33	4	5	13	8	1	2
Hogs and pigs .....farms	578	28	71	122	192	(D)	(D)
number sold	23	3	4	7	6	1	2
Under 8 month old .....farms	350	(D)	64	60	110	(D)	(D)
number sold	18	2	3	7	4	-	2
8 months old or older .....farms	228	(D)	7	62	82	-	(D)
number sold	63	11	11	17	5	4	15
Goats and kids .....farms	1,329	72	134	239	192	140	552
number sold	71	26	14	15	7	4	5
Milk .....farms	678	136	164	170	88	34	86
quarts sold	2	-	-	-	-	2	-
Chickens .....farms	(D)	-	-	-	-	(D)	-
number sold	34	7	10	7	4	3	3
Turkeys, ducks, geese, and other poultry .....farms	3,607	101	116	800	2,080	210	300
number sold	13	3	2	4	-	-	4
Chicken eggs .....farms	146	70	(D)	(D)	-	-	42
dozens sold	57	21	14	9	5	3	5
Fish and aquaculture products .....farms	7,057	1,132	1,688	573	860	2,650	154
number sold	4	-	2	-	2	-	-
total	714	-	(D)	-	(D)	-	-



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# Appendix A.

## Census of Agriculture Methodology

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### INTRODUCTION

The purpose of the Census of Agriculture is to enumerate all members of a population with a defined characteristic. For the U.S. Virgin Islands (USVI) Census of Agriculture, that goal is to account for “any place from which \$500 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.”

As in the previous censuses of the U.S. Virgin Islands, a direct enumeration procedure was used in the 2018 Census of Agriculture. Enumeration was based on a list of farm operators compiled by the University of the Virgin Islands, Cooperative Extension Service, and the U.S. Virgin Islands Department of Agriculture. The statistics on this report were collected during the spring of 2019.

### THE CENSUS POPULATION

For the 2018 U.S. Virgin Islands Census of Agriculture, a list of farm operators was compiled by the University of the Virgin Islands, Cooperative Extension Service, and the U.S. Virgin Islands Department of Agriculture. The enumerators contacted all persons or operations on the list and completed a census report form for all farm operations that met the farm definition. If the person on the list was not operating a farm, the enumerator recorded whether the land had been sold or rented to someone else and was still being used for agriculture. If the land was sold or rented out, the enumerator obtained the name of the new operator and contacted that person, to ensure that he/she was included in the census.

### DATA COLLECTION OUTREACH AND PROMOTIONAL EFFORTS

The Public Affairs Office (PAO) developed a communication plan largely based on promotional materials that were shared with local outreach

partners, including but not limited to the University of the Virgin Islands, Cooperative Extension Service, the U.S. Virgin Islands Department of Agriculture, and local USDA agencies. The goal with these promotional materials included:

- Encouraging participation in the Census of Agriculture
- Communicating how the census will provide much needed data that are used by federal and local decision makers
- Explaining that response to the Census of Agriculture is required and that reported information is protected by federal law
- Increasing general awareness and perceived value of NASS, its products, and services

### Partnership and Local-Level Outreach

NASS officials met with leaders from agricultural organizations, the University of the Virgin Islands, Cooperative Extension Service, and U.S. Virgin Islands Department of Agriculture, to successfully secure their support in promoting the census among their constituencies. Stakeholders partnered with NASS to promote the 2018 U.S. Virgin Islands Census of Agriculture through publications (e.g. newsletters), special mailings, speeches, social media, websites, and other communications. Through grassroots-level outreach and efforts, NASS partnered with a number of community-based organizations to reach all farmers and ranchers. Among the highlights of these partnership efforts was the participation of local extension agents on radio public service announcements promoting the importance of the 2018 U.S. Virgin Islands Census of Agriculture.

### Public Relations

In the public relations arena, NASS worked with internal and external stakeholders to equip them with communications tools and resources to deliver the

census communications message to their audiences. The materials included, but were not limited to: a press release/stakeholder notice, a public service announcement, flyers and posters, and a Frequently Asked Questions (FAQs) document; which were drafted for local media and other stakeholder distribution. These materials were available both electronically and in hard copy. Other outreach tools included items such as pens and notepads.

## **DATA COLLECTION**

### **Method of Enumeration**

Personal enumeration was used in the 2018 U.S. Virgin Islands Census of Agriculture, and in the 2007 U.S. Virgin Islands Census of Agriculture, enumeration was based on a list of farm operators compiled by the University of the Virgin Islands, Cooperative Extension Service, and the U.S. Virgin Islands Department of Agriculture.

The enumerators contacted all persons or operations engaged in agriculture in their assigned area and completed a census report form for all farm operations that met the farm definition. If the person on the list was not operating a farm, the enumerator recorded whether the land had been sold or rented to someone else and was still being used for agriculture. If the land was sold or rented out, the enumerator obtained the name of the new operator and contacted that person, to ensure that he/she was included in the census.

### **Report Form**

Prior to each agriculture census, the content of all census report forms is reviewed to eliminate inquiries no longer needed, to identify new items necessary to meet user needs, and to better describe the agricultural situation in the U.S. Virgin Islands. Data requests are solicited from farm organizations, land-grant colleges and universities, State and Federal agencies, State Department of Agriculture, agribusinesses, and other users. Each respondent is asked to identify and justify its specific data needs.

A single version of the report form for the 2018 U.S. Virgin Islands Census of Agriculture was prepared by NASS, in cooperation with the University of the Virgin Islands, Cooperative Extension Service, and the U.S. Virgin Islands Department of Agriculture;

and various USDA agencies. Based on their comments, the content of the 2018 census report form remained almost unchanged from the previous census.

### **Training Program**

The project manager, and enumerators employed for the census in the U.S. Virgin Islands received special training in accordance with instructions prepared by NASS. The training included an overview of the census of agriculture program, and a detailed discussion of the enumerator's instructions manual and the census report form.

## **REPORT FORM PROCESSING**

### **Data Capture**

The Census Bureau's National Processing Center (NPC) in Jeffersonville, IN was contracted to print, label, and ship the questionnaires to the U.S. Virgin Islands. Completed questionnaires were then returned to NPC for data capture and scanning.

NASS staff on site at the NPC provided technical guidance and monitored NPC processing activities. All report forms returned to the NPC were immediately checked in, using bar codes printed on the mailing label. With the small survey universe, it was determined that a key from paper application would be most economical. All forms keyed were then scanned and loaded into the Feith file cabinet. The images were available for analytical review of the data as well as for archive purposes.

The keying staff evaluated the contents and captured pertinent responses. An independent quality control process occurs after initial keying where ten percent of the captured data is keyed a second time. If differences existed between the first keyed value and the second, an adjudicator handled resolution. The decision of the adjudicator 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%. The images and the captured data were transferred to NASS's centralized network and became available to NASS analysts on a flow basis. The images were available for use in all stages of review.

## Editing Data

Captured data were processed through a computer formatting program. The program verified that record identifiers were valid and checked the basic integrity of the data fields. Rejected records were referred to analysts for correction. Accepted records were sent to a computer batch edit process. Each execution of the computer batch edit flowed as the data were received from the National Processing Center (NPC).

All census records were passed through a complex computer edit. The edit determined whether a reporting operation met the minimum criteria to be counted as a qualifying farm (in-scope). The edit examined each in-scope record for reasonableness and completeness and determined whether to accept the recorded value for each data item or take corrective action. Actions included removing erroneously reported values, replacing an unreasonable value with one consistent with other reported data. Strategies for determining replacement values are discussed in the next section.

## Imputing Data

The edit systematically checked reported data section-by-section with the overall objective of achieving an internally consistent and complete report. NASS subject-matter experts defined the criteria for acceptable data. Problems that could not be resolved within the edit were referred to an analyst for intervention. Analysts used additional information sources, examined the scanned image, and determined an appropriate action.

## Data Analysis

Once keyed, the data from each report form were available to NASS analysts in Washington, DC, via electronic media, for computer editing and analysis. Data from each report were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data; supplied missing data based on similar farms, and assigned farm classification codes necessary for tabulating the data.

Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with

previous census data, as well as other available data. Tallies of all selected data items for various sets of criteria which included, but were not limited to, geographic levels, farm types, and sales levels were reviewed. When necessary, data inconsistencies were resolved.

## DISCLOSURE REVIEW

After tabulation and review of the aggregates, a comprehensive disclosure review was conducted. NASS is obligated to withhold, under Title 7, U.S. Code, any total that would reveal an individual's information or allow it to be closely estimated by the public. Cell suppression will be used to protect the cells that are determined to be sensitive to a disclosure of information. Farm counts are not considered sensitive and are not subject to disclosure. Cell suppression will be used to protect the cells that are determined to be sensitive to a disclosure of information.

Based on agency standards, data cells were determined to be sensitive to a disclosure of information if they failed either of two rules. First, the threshold rule failed if the data cell contained less than three operations. For example, if only one farmer produced hogs on the island, NASS could not publish the island total for hog inventory without disclosing the individuals' information. Second, the dominance rule failed if the distribution of the data within the cell allowed a data user to estimate any respondent's data too closely. A data disclosure risk is determined to be present if a particular data cell being considered for publication violates either one of two criteria. First, the threshold rule is violated if the estimated number of farms in a data cell is less than three. For example, if the estimate of the number of farms producing hogs on the Island is equal to exactly one farm, NASS could not publish the total for hog inventory without disclosing the reporting farm's information. Second, a p-percent rule will be used to determine dominance. Under this rule, if the two largest contributing farms' values to the county total are subtracted from the estimated total, the remainder must exceed a specified (p)-percent of the largest contributed value.

A (p)-percent rule will be used to determine dominance. Under this rule, if the two largest contributing farms' values to the county total are subtracted from the estimated total, the remainder must exceed a specified (p)-percent of the largest contributed value. If the remainder fails to exceed the specified percentage, the value is not published. For example, if there are many farmers producing hogs on the island and some of them were large enough to dominate the cell total, NASS could not publish the county total for hog inventory without risking disclosing an individual respondent's data. If the remainder fails to exceed the specified percentage, the value is not published. For example, if there are many farmers producing hogs and the sum of the two largest contributed values to the total account for too much to the total, NASS does not publish the total for hog inventory. This is because the contributed value of the largest hog operator could be disclosed. In both of these situations, the data were suppressed and a "(D)" was placed in the cell in the census publication table. These data cells are referred to as primary suppressions.

Since most items were summed to marginal totals, primary suppressions within these summation relationships were protected by ensuring that there were additional suppressions within the linear relationship that provided adequate protection for the primary. A detailed computer routine selected additional data cells for suppression to ensure all primary suppressions are properly protected in all linear relationships in all tables. These data cells are referred to as complementary suppressions. These cells are not themselves sensitive to a disclosure of information, but were suppressed to protect other primary suppressions. A "(D)" was also placed in the cell of the census publication table to indicate a complementary suppression. A data user cannot determine whether a cell with a (D) represents a primary or complementary suppression.

NASS analysts reviewed all complementary suppressions to ensure no cells had been withheld that were vital to the data users. In instances where complimentary suppressions were deemed critically important to the Island, analysts requested an override and a different complement cell was chosen.

## **MEASURED ERRORS IN THE CENSUS PROCESS**

Uncertainty is introduced into the data in compiling the list of farm operators in NASS' data collection procedures, in data editing and processing, and in compiling the final data. Additionally, NASS uses statistical procedures to both measure errors in the various processes and in making adjustments for those errors in the final data.

### **Variability in Census Estimates due to Statistical Adjustment**

In conducting the 2018 U.S. Virgin Islands Census of Agriculture, efforts were initiated to measure error associated with the adjustments for farm operations that were on the list of farm operators but did not respond to the census report form. This error measurement was developed from the standard error of the estimates at the island level, where appropriate, and were expressed as coefficients of variation (CVs) at the island level. Coefficients of variation are displayed in the Quick Stats database.

Coefficient of variation is a measure of the relative amount of error associated with a sample estimate. Specifically, it is the standard error of a point estimate divided by that estimate, generally multiplied times 100 so that it can be reported as a percentage. This relative measure allows the reliability of a range of estimates to be compared. For example, the standard error is often larger for large population estimates than for small population estimates, but the large population estimates may have a smaller CV, indicating a more reliable estimate. Every estimate for the 2018 U.S. Virgin Islands Census of Agriculture has a corresponding CV published with it. NASS has

identified the following index to use when evaluating coefficient of variation for the 2018 U.S. Virgin Islands Census of Agriculture.

- **Low Reliability Estimate.** Coefficient of Variation (CV) 30 percent or higher. Caution should be used when using this estimate in any form. Please consult NASS for more information or guidance.
- **Medium Reliability Estimate.** Coefficient of Variation (CV) between 15 percent and 29.9 percent.
- **High Reliability Estimate.** Coefficient of Variation (CV) less than 15 percent.

## **NONMEASURED ERRORS IN THE CENSUS PROCESS**

As noted in the previous section, sampling errors can be introduced from the nonresponse adjustment procedure. This error is measureable. However, nonsampling errors are imbedded in the census process that cannot be directly measured as part of the design of the census but must be contained to ensure an accurate count. Extensive efforts were made to compile a complete and accurate list of farmers for the census, to design an understandable report form with clear instructions, to train enumerators on how to ask the questions and record the answers on the report form, and to minimize processing errors through the use of quality control measures. The weight

adjustment and tabulation processes recognize the presence of nonsampling errors; however, it is assumed that these errors are small and that, in total, the net effect is zero. In other words, the positive errors cancel the negative errors.

## **Respondent and Enumerator Error**

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. Steps were taken in the design and execution of the census of agriculture to reduce reporting errors. Poor instructions and ambiguous definitions lead to misreporting. Respondents may not remember accurately, may estimate responses, or enumerators may record an item in the wrong cell. To reduce reporting and recording errors, detailed instructions for completing the report form were provided to each enumerator, and questions were phrased as clearly as possible. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

## **Item Nonresponse**

All item nonresponse actions provide another opportunity to introduce measurement errors. Regardless of whether it was previously reported data, administrative data, the nearest neighbor algorithm, the fully conditional specification method, or manually imputed by an analyst, some risk exists that the imputed value does not equal the actual value.





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## Appendix B.

# General Explanation and Census of Agriculture Report Form

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## DEVELOPMENT OF THE CENSUS REPORT FORM

Prior to each agriculture census, the content of all census report forms is reviewed to eliminate inquiries no longer needed and to identify new items necessary to meet user needs, so that published data better describes the agricultural situation in the U.S. Virgin Islands. Data requests are solicited from farm organizations, land-grant colleges and universities, State and Federal agencies, State departments of agriculture, agribusinesses, and other users. Each user is asked to identify and justify its specific data needs.

The report form for the 2018 Census of Agriculture for the U.S. Virgin Islands was prepared by NASS, in cooperation with the University of the Virgin Islands, Cooperative Extension Service, and the U.S. Virgin Islands Department of Agriculture. While similar to the report form used in 2007, changes were made to reflect changes in the U.S. Virgin Islands' agriculture. A sample copy of the report form is included in this appendix.

## DATA CHANGES

Following are descriptions of the report form changes.

- Section 2, “Field and Forage Crops” - “Dry beans”, and “Sorghum”, were removed from the list of printed crops.
- Section 3, “Vegetables.” - “Sorrel” and “Herbs”, were removed from the list of printed crops.
- Section 4, “Fruit, Nuts, Trees, and Nursery Crops” – “Watermelons” was added as a to the list of printed crops.
- Section 7, “Colonies of Bees” – Was removed from the report form.

- Section 13, “Practices” – Was added to the report form to report computer use, internet access, and type of access utilized for the farm business.
- Section 14, “Government Agricultural Programs” – Was added to the report form to report participation in any Federal or local agricultural program in 2018.

## DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry the note “see text” also are explained. Report form section number references refer to the U.S. Virgin Islands Census of Agriculture report form, 18-A1(USVI). Many of the definitions and explanations are the same as those used in earlier censuses.

**Crops.** The report form contained individual inquiries for crops commonly grown and space to write in those less frequently produced. The information requested for 2018 included acres of crops harvested and pounds harvested for sale from January 1 through December 31, 2018.

The units of measure for reporting quantities of some crops have varied from one census to another. The aim has been to permit reporting in the units of measure currently in use. The quantities harvested for each crop are expressed in the units of measure given on the 2018 report form.

*Field and forage crops* - The land area from which individual crops were harvested for sale was obtained for field and forage crops in acres and tenths of acres. When two or more crops were harvested from the same land, the area was to be reported for each

separate crop or planting. Total quantities of each crop harvested for sale were also reported.

*Vegetables* - Land area for individual crops and the quantity harvested for sale for each crop were collected.

*Fruits, nuts, and nursery crops* - The total number of acres planted in bearing and nonbearing fruit and nut trees and plants was collected. For individual fruit or nut crops, data on the number of bearing and nonbearing trees and plants, and the quantity harvested for sale, were reported. For nursery crops, the land area harvested, both square feet under cover and acres in the open, was collected, along with the value of sales.

**Equipment.** The following types of equipment on the place at time of enumeration regardless of ownership, were reported if they were operable:

*Automobiles* - This includes all vehicles used primarily as passenger cars.

*Motortrucks* - This includes pickup trucks and truck-trailer combinations.

*Tractors* - This includes all wheel and track-laying (crawler) tractors and garden tractors.

**Expenses.** The 2018 report form contained questions on seven types of farm expenses incurred between January 1 and December 31, 2018, whether made by the farm operator, his/her landlord, or both. A farm operator who rented part of his/her land to others reported only the expenses on the land he/she operated.

*Feed purchased for livestock, poultry, and fish* - Expenses for feed for livestock, poultry, and fish include total cash payments made for pasture used, salt concentrates, mineral supplements, grain, hay, mill feeds, and any other items purchased for feeding livestock, poultry, and fish on the place. Expenses made for the grinding and mixing of feed and the estimated cost of items furnished to the operator by a landlord or others are also included. Payments made by a tenant to a landlord for feed grown on the tenant's farm are excluded.

*Machine hire and customwork* - Expenses for machine hire and customwork relate to tractor hire, plowing, and spraying. Any amount spent for the labor involved is considered to be part of the expense. The costs of hauling, trucking, or exchange work without pay are omitted.

*Purchases of fertilizers and manure* - These expenses include the total amount spent for manure and commercial fertilizers of all kinds for use on the farm.

*Purchases of insecticides, fungicides, and herbicides* - This item relates to total cash expenses for all chemicals, sprays, dusts, etc., used to control weeds, pests, insects, or disease on crops.

*Purchases of livestock, poultry, and fish* - This item includes all cash expenses for livestock, poultry, and fish purchased for the place. The cost of livestock and poultry bought and resold within 30 days is not included.

*Seed cost* - These expenses include all seed purchased for planting, as well as seedlings.

*Wages and salaries paid to employees or hired farm workers* - Expenses for hired farm labor include total cash payments made to family members and others for farm labor. Payments to persons supplied by a contractor or a cooperative organization and paid directly by them or by the person in charge are also included.

**Farm operator.** The term "operator" designates a person who operates a farm, either by doing the work himself/herself or by directly supervising the work. The operator may be the owner, a member of the owner's household, a hired manager, or a tenant, renter, or sharecropper. If the operator rents land to others or has land worked on shares by others, he/she is considered the operator only if the land is retained for his/her own operation. In the case of partnership, only one partner is counted as an operator. By definition, the number of operators is the same as the number of farms.

**Farms or operators reporting.** Figures for "farms reporting" or "operators reporting" represent the number of farms or operators reporting the specified item. The difference between the total number of

farms and the number of farms reporting a particular item represents the number of farms not having that item.

**Land in farms.** The land in farms was determined from the answers to questions 1 through 4 in section 1 of the report form (see appendix B). The amounts of land reported as owned and reported as rented from others were added together, and the amount of land reported as rented to others was subtracted from that sum. The result represents "land in farms."

**Land owned.** This includes all land that the operator or his/her spouse held under title, purchased contract, homestead law, or as heir or trustee of an undivided estate at the time of enumeration.

**Land rented from others.** This includes not only land the operator rented or leased from others, but also land worked on shares for others or land occupied rent free.

**Land rented to others.** This includes all land that the operator rented to others and all land assigned to others on shares or rent free. For the most part, land rented to others represents agricultural land, but it also includes land rented for residential or other purposes. The tenant is considered to be the operator of land leased, rented, or worked on shares, even though his/her landlord may supervise the operations. The landlord is considered to be the operator of only that portion of the land not assigned to tenants.

**Land use.** Land in farms at the time of enumeration is categorized according to the way it was used between January 1 and December 31, 2018. The land is counted only once, even though it may have had more than one use during the year.

*Cropland harvested* - This refers to all land from which any crop was harvested. It also includes land in field crops that were grazed when mature or almost mature, and land in nonbearing fruit or nut trees and plants. Land from which two or more crops were harvested and which was also used for other purposes, either before or after the crops were harvested, was to be reported as cropland harvested without regard to the other uses.

*Other cropland* - This includes all cropland on the place that was used for pasture, and cropland on the place that was not used for crops or pasture. It includes land on which there was total crop failure due to hurricane, flood, drought, insects, fire, or other causes; cropland lying idle; and cropland planted with soil improvement grasses or other cover crops planted for improvement. It does not include land so hilly, rocky, or wet that the cost of improving it for cultivation would be more than the operator could pay. It does not include land in roads, streams, or swamps.

*Pasture or grazing land* - This refers to all land used for pasture or grazing, except cropland. It includes all woodland where livestock pastured or grazed. It does not include cropland, even though cattle or other livestock may have been grazed on it.

*Woodland* - This includes all land that is covered in woods or forests. It does not include woodland pasture.

*Other land* - This refers to all land not included in the other land use classifications, such as house and other building lots, lanes, roads, ditches, and land area of ponds and wasteland.

**Livestock and poultry.** Inventory data for livestock and poultry relate to the number on hand at the time of enumeration. All livestock and poultry were to be enumerated on the place where they were at the time of enumeration regardless of who owned them. Livestock on unfenced land were to be reported as being on the place identified as the headquarters of the person who had control over them.

**Operator characteristics.** Data were obtained to classify the operators according to the following five characteristics:

*Age of operator* - Operators were classified by age into six groups. The average age was obtained by dividing the sum of the ages of all operators reporting by the number reporting.

*Main occupation* - If the operator devoted 50 percent or more of his/her work time to agricultural activities, his/her main occupation was considered to be

agriculture, otherwise his/her occupation was considered to be nonagricultural.

45 to 54 years                      55 to 64 years  
65 years and over

*Residence of operator* - Operators were classified by residence according to whether or not they lived on the farms operated. Where all the land was rented from others or worked on shares for others, the dwelling was considered to be on the farm operated provided the dwelling he/she occupied was included in the rental agreement. In such cases, the dwelling was not necessarily on the land being operated. Similarly, an operator who did not live on the land being cultivated or grazed, but who had some agricultural operations (other than a home garden) at his/her dwelling, was considered to be living on the farm.

**Farms by size.** All farms were classified by size on the basis of the total land area established in each farm. According to the census definition, a farm is essentially an operating unit, not an ownership tract. All land operated or managed by one person or partnership represents one farm. In the case of tenants, the land assigned to each tenant is considered a separate farm, even though the landlord may consider the entire landholding to be one unit rather than several separate units.

*Work off-farm* - The extent to which operators rely on nonfarm sources for part of their income is indicated by the number of days worked off the farm during the year. Work off the farm was defined to include work on someone else's farm for pay as well as all types of nonfarm jobs, businesses, and professions whether the work was done on the farm premises or elsewhere. Exchange work was not included.

**Farms by tenure of operator.** In the 2018 census, all farms were classified by tenure of operator on the basis of data reported for land owned, rented from others, worked on shares for others, and managed for others. The same classification has been used since 1964. During processing operations, each report form was coded to indicate whether the operator was a full owner, part owner, or tenant.

*Years on present farm* - Operators were classified by years on present farm into four groups. These data were based on the question asking the year the operator began operation of the present farm or any part of it.

*Full owners* - Operate only land they own

*Part owners* - Operate land they own and also land they rent from others

**Value of products sold.** Data for value of products sold were obtained for each group of crops or main type of livestock sold from the farm. Data were obtained for sales of field and forage crops, vegetables, fruits and nuts, nursery crops, poultry and poultry products, cattle and calves, hogs and pigs, fish and other aquaculture products, other livestock and livestock products and chicken eggs.

*Tenants* - Rent from others or work the land they operate on shares for others

**Farms by age of operator.** Enumerators entered the operator's age, as of his/her last birthday, on the report form. The computer edit classified the operator's age into one of the following age groups:


**Farms by value of agricultural products sold.** All farms were classified on the basis of the total value of agricultural products sold. The total was obtained by adding the reported values of all products sold from the farm. The value of livestock, milk, poultry and eggs, fish, vegetables, fruits and nuts, all field crops, ornamental plants, and all other crops was obtained from the operator at the time of enumeration. The computer edit classified the value of agricultural products sold into one of the following groups:

Under 35 years                      35 to 44 years


Less than \$1,200                      \$1,200 to \$2,499  
\$2,500 to \$4,999                      \$5,000 to \$7,499  
\$7,500 to \$9,999                      \$10,000 or more

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0226. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**2018**  
**CENSUS OF AGRICULTURE**



**UNITED STATES**  
**VIRGIN ISLANDS**



U.S. DEPARTMENT OF AGRICULTURE  
NATIONAL AGRICULTURAL STATISTICS SERVICE

**Part A - QUESTIONNAIRE IDENTIFICATION (NASS USE ONLY)**

**FARM SERIAL NUMBER** \_\_\_\_\_

**Part B - OPERATOR'S NAME AND ADDRESS OR PHYSICAL LOCATION**

9810 Operation name \_\_\_\_\_

9811 Person name \_\_\_\_\_

9812 Address 1 \_\_\_\_\_

9813 Address 2 \_\_\_\_\_

9814 City \_\_\_\_\_ 9815 State \_\_\_\_\_ 9816 Zip Code \_\_\_\_\_

NOTICE: Response to this inquiry is required by law (Title 7, U.S. Code). The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, your responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every employee and agent has taken an oath and is subject to a jail term, a fine, or both if he or she willfully discloses ANY identifiable information about you or your operation. Response is required.

**SECTION 1 LAND IN AGRICULTURE**

	None		Whole acres		Tenths	
1. How many acres do you own? (If you own more than one tract of land, include all land in the Virgin Islands) .....	0040	<input type="checkbox"/>				/10
2. How many acres do you RENT FROM OTHERS? (Include acres worked on shares.) .....	0042	<input type="checkbox"/>				/10
3. How many acres do you rent TO OTHERS? .....	0044	<input type="checkbox"/>				/10
4. TOTAL ACRES IN "THIS PLACE" – ADD acres owned (question 1) and acres rented FROM OTHERS (question 2), then SUBTRACT acres rented TO OTHERS (question 3) and enter the result in this space .....	0045	<input type="checkbox"/>				/10
5. How many unpaid and paid farm hands (including the operator and family members) worked on this place in 2018? .....	0051	Total farm hands				
a. Of the unpaid farm hands (including the operator and unpaid family workers), how many worked – .....	0052	150 days or more?	25 to 149 days?	Less than 25 days?		
b. Of the paid farm hands (hired workers and paid members of the operator's family), how many worked – .....	0055					
6. What type of operating organization does this place have? .....	0058	<div style="display: flex; align-items: center;"> <div style="font-size: 3em; margin-right: 10px;">}</div> <div> <p>1 <input type="checkbox"/> Individual</p> <p>2 <input type="checkbox"/> Partnership</p> <p>3 <input type="checkbox"/> Corporation (DO NOT include cooperatives)</p> <p>4 <input type="checkbox"/> Other (Cooperative, estate, trust, etc.)</p> </div> </div>				

**CONTINUE ON PAGE 2**

**PENALTY FOR FAILURE TO REPORT**

21198015

## SECTION 2 FIELD AND FORAGE CROPS

Did you harvest any FIELD or FORAGE CROPS FOR SALE in 2018?

0002 1  Yes - Complete this section      2  No - Go to Section 3

	None	How many acres were harvested in 2018?			How many pounds were harvested in 2018?
		Whole acres	Tenths		
1. Cassava (tapioca) .....	0070 <input type="checkbox"/>		/10	0071	
2. Dry corn .....	0074 <input type="checkbox"/>		/10	0075	
3. Hay (cut or grazed) .....	0080 <input type="checkbox"/>		/10	0081	
4. Sugarcane (cut or grazed) .....	0084 <input type="checkbox"/>		/10	0085	
5. Sweetpotatoes .....	0086 <input type="checkbox"/>		/10	0087	
6. Taniers .....	0088 <input type="checkbox"/>		/10	0089	
7. Yams .....	0092 <input type="checkbox"/>		/10	0093	
8. Other field crops – Specify <sub>C</sub>					
0091	0094 <input type="checkbox"/>		/10	0095	
0076	0077 <input type="checkbox"/>		/10	0078	
0079	0082 <input type="checkbox"/>		/10	0083	

## SECTION 3 VEGETABLES

Did you harvest any VEGETABLES FOR SALE in 2018?

0003 1  Yes - Complete this section      2  No - Go to Section 4

	None	How many acres were harvested in 2018?			How many pounds were harvested in 2018?
		Whole acres	Tenths		
1. Cabbage .....	0110 <input type="checkbox"/>		/10	0111	
2. Carrots .....	0114 <input type="checkbox"/>		/10	0115	
3. Celery .....	0116 <input type="checkbox"/>		/10	0117	
4. Cucumbers .....	0120 <input type="checkbox"/>		/10	0121	
5. Eggplant .....	0122 <input type="checkbox"/>		/10	0123	
6. Green beans .....	0124 <input type="checkbox"/>		/10	0125	
7. Lettuce .....	0126 <input type="checkbox"/>		/10	0127	
8. Okra .....	0130 <input type="checkbox"/>		/10	0131	
9. Onions, chives, and scallions .....	0132 <input type="checkbox"/>		/10	0133	
10. Peppers .....	0136 <input type="checkbox"/>		/10	0137	
11. Spinach .....	0142 <input type="checkbox"/>		/10	0143	
12. Squash .....	0144 <input type="checkbox"/>		/10	0145	
13. Tomatoes (Include both standard and cherry tomatoes) .....	0146 <input type="checkbox"/>		/10	0147	
14. Sorrel (H.sabdariffa) .....	0118 <input type="checkbox"/>		/10	0119	
15. Herbs .....	0128 <input type="checkbox"/>		/10	0129	
16. Other vegetables – Specify <sub>C</sub>					
0149	0150 <input type="checkbox"/>		/10	0151	
0138	0139 <input type="checkbox"/>		/10	0140	
0152	0153 <input type="checkbox"/>		/10	0154	

## SECTION 4 FRUITS, NUTS, TREES AND NURSERY CROPS

Were any FRUITS, NUTS, or NURSERY CROPS grown or harvested FOR SALE in 2018?

0004 1  Yes - Complete this section 2  No - Go to Section 5

How much land is in bearing and nonbearing fruit and nut trees (plants)? ..... 0159

Whole acres	Tenths
	/10

	None	How many trees or plants are not of bearing age?	How many trees or plants are of bearing age?	How many pounds were harvested in 2018?
1. Avocados .....	0160 <input type="checkbox"/>		0161	0162
2. Bananas .....	0163 <input type="checkbox"/>		0164	0165
3. Breadfruits .....	0169 <input type="checkbox"/>		0170	0171
4. Coconuts .....	0172 <input type="checkbox"/>		0173	0174
5. Grapefruit .....	0175 <input type="checkbox"/>		0176	0177
6. Lemons and limes .....	0181 <input type="checkbox"/>		0182	0183
7. Mangoes .....	0184 <input type="checkbox"/>		0185	0186
8. Oranges .....	0187 <input type="checkbox"/>		0188	0189
9. Papayas .....	0190 <input type="checkbox"/>		0191	0192
10. Pineapples .....	0193 <input type="checkbox"/>		0194	0195
11. Plantains .....	0196 <input type="checkbox"/>		0197	0198
12. Watermelons .....	0156 <input type="checkbox"/>		0157	0158

13. Other fruits, nuts, and tree crops – Specify C

0210	<input type="checkbox"/>		0211	<input type="checkbox"/>		0212	<input type="checkbox"/>	0213	<input type="checkbox"/>
0214	<input type="checkbox"/>		0215	<input type="checkbox"/>		0216	<input type="checkbox"/>	0217	<input type="checkbox"/>

None	Square feet under cover	Acres in the open		Value of sales in 2018	
		Whole acres	Tenths		
	0218	0219		0220	
			/10	\$	.00

14. Nursery crops (including ornamental plants) ..

## SECTION 5 LAND USE

Land is to be reported in ONLY ONE CATEGORY. If two or more uses were made of the same land, report in the FIRST category that applies.

	None	Acres	Tenths
1. Cropland harvested – Report the number of acres on which crops were grown and harvested .....	0231 <input type="checkbox"/>		/10
2. Other cropland – Include cropland pasture, crop failure, idle and fallow cropland, and cropland used for soil improvement .....	0232 <input type="checkbox"/>		/10
3. Pasture or grazing land – Include woodland pasture. (DO NOT include cropland pasture.) .....	0233 <input type="checkbox"/>		/10
4. Woodland (DO NOT include woodland pasture.) .....	0234 <input type="checkbox"/>		/10
5. All other land – Include house lots, barn lots, lanes, roads, ditches, ponds, wasteland, etc. ....	0235 <input type="checkbox"/>		/10
6. TOTAL LAND – Add entries in questions 1 through 5. This total should equal the entry in section 1, question 4. ....	0236 <input type="checkbox"/>		/10

## SECTION 6 IRRIGATION

Was Any LAND in this place IRRIGATED at any time during 2018? Irrigated land is all land watered by any artificial or controlled means: sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and pre-plant irrigation.

0006 1  Yes - Complete this section      2  No - Go to Section 7

		None	Acres	Tenths	
1.	How many acres were irrigated from a PRIVATE SYSTEM (wells, rivers, brooks, etc.)? .....	0240 <input type="checkbox"/>		/10	
2.	How many acres were irrigated from a PUBLIC SYSTEM? .....	0241 <input type="checkbox"/>		/10	
3. Major source of water used for irrigation:					
0247 1	<input type="checkbox"/> Well or cistern	3	<input type="checkbox"/> Lake or private pond	5	<input type="checkbox"/> Public utility
2	<input type="checkbox"/> River or stream	4	<input type="checkbox"/> Canal or irrigation district	6	<input type="checkbox"/> Other - Specify <span style="float: right;">0248</span>

## SECTION 7 LIVESTOCK

Do you or anyone else have any LIVESTOCK (excluding poultry and fish) on this place or were any sold from this place in 2018?

0007 1  Yes - Complete this section      2  No - Go to Section 8

		None	How many are on this place today?	How many were sold in 2018?
1.	Cattle and calves of all ages (Total of "a", "b", "c", and "d" below) ..	0252 <input type="checkbox"/>	0253	
Of this total, how many -				
a.	Cows, including heifers that have calved .....	0254	Are on this place today?	0255
b.	Heifers and heifer calves 1 year old and older .....	0256	Were sold in 2018?	0257
c.	Bulls, bull calves, steers, and steer calves .....	0258		0259
d.	Calves less than 1 year old ...	0260		0261
2.	Total hogs and pigs of all ages (Total of "a" and "b" below) .....	0266 <input type="checkbox"/>	0267	
Of this total, how many -				
a.	Pigs less than 8 months old ...	0268	Are on this place today?	0269
b.	Hogs and pigs 8 months old or older. ....	0270	Were sold in 2018?	0271
3.	Sheep and lambs of all ages .....	0272 <input type="checkbox"/>	0273	
4.	Goats and kids of all ages .....	0274 <input type="checkbox"/>	0275	
5. Other livestock (mules, asses, burros, etc.) - Specify <sub>C</sub>				
0277				
0283		0278 <input type="checkbox"/>		0279
0287		0284 <input type="checkbox"/>		0285
		0288 <input type="checkbox"/>		0289
6. Quantity and value of milk sold in 2018 .....		0280	Quarts sold	0281
			Gross value of sales	
			\$	.00



## SECTION 8 POULTRY

Do you or anyone else have any POULTRY on this place or were any sold from this place in 2018?

0008 1  Yes - Complete this section      2  No - Go to Section 9

	None	How many are on this place today?	How many were sold in 2018?
1. Chickens (hens, pullets, roosters, broilers, etc.)	0290 <input type="checkbox"/>	0291	
	Are on this place today?		
a. How many 5 months old or older	0298		
2. Turkeys, ducks, geese, and other poultry	0310 <input type="checkbox"/>	0311	
3. Quantity and value of chicken eggs sold in 2018	0312	Dozens sold	Gross value of sales
		0313	\$ <input type="text"/> .00

## SECTION 9 AQUACULTURE

Did you or anyone else raise any FISH or AQUACULTURE PRODUCTS (shrimp, etc.) for sale on this place in 2018?

0009 1  Yes - Complete this section      2  No - Go to Section 10

		Number
1. How many in-ground ponds did you use?	0320	
2. How many above-ground tanks did you use?	0321	
3. How much FISH or other AQUACULTURE PRODUCT was raised and sold from this place in 2018?	0322	Pounds sold
		Gross value of sales
	0323	\$ <input type="text"/> .00

## SECTION 10 VALUE OF SALES

What was the MARKET VALUE of the following AGRICULTURAL PRODUCTS SOLD from this place in 2018, before taxes and expenses?

	None	Dollars only
1. Field and forage crops	0330 <input type="checkbox"/>	\$ <input type="text"/> .00
2. Vegetables	0331 <input type="checkbox"/>	\$ <input type="text"/> .00
3. Fruits and nuts	0332 <input type="checkbox"/>	\$ <input type="text"/> .00
4. Nursery crops, including ornamental plants	0333 <input type="checkbox"/>	\$ <input type="text"/> .00
5. Cattle and calves	0334 <input type="checkbox"/>	\$ <input type="text"/> .00
6. Hogs and pigs	0335 <input type="checkbox"/>	\$ <input type="text"/> .00
7. Poultry and poultry products, except chicken eggs - include chickens, roosters, pullets, ducks, pigeons, etc.	0336 <input type="checkbox"/>	\$ <input type="text"/> .00
8. Other livestock and livestock products - goats, horses, mules, goats' milk, etc. - Specify C		
0337	<input type="checkbox"/>	\$ <input type="text"/> .00
0339	<input type="checkbox"/>	\$ <input type="text"/> .00
0348	<input type="checkbox"/>	\$ <input type="text"/> .00
	0349	\$ <input type="text"/> .00

## SECTION 11 PRODUCTION EXPENSES

How much were your EXPENDITURES for each of the following in 2018?

	None	Dollars only	
		\$	.00
1. Machine hire and customwork .....	0341 <input type="checkbox"/>	\$	.00
2. Wages and salaries paid to employees or hired farm workers (DO NOT include housework or contract construction work.) Include cash payments only . . .	0342 <input type="checkbox"/>	\$	.00
3. Feed purchased for livestock, poultry, and fish - Include cost of grain, feed, concentrates, and roughages; also amount paid for grinding and mixing feed .....	0343 <input type="checkbox"/>	\$	.00
4. Insecticides, fungicides, and herbicides .....	0344 <input type="checkbox"/>	\$	.00
5. Fertilizers and manure purchased .....	0345 <input type="checkbox"/>	\$	.00
6. Livestock, poultry, and fish purchased .....	0346 <input type="checkbox"/>	\$	.00
7. Seed cost - Include seedlings purchased .....	0347 <input type="checkbox"/>	\$	.00

## SECTION 12 EQUIPMENT

Which of the following EQUIPMENT are used on this place? Include all specified equipment on this place today, regardless of ownership, provided it is in operating condition.

	None	Number	
1. Tractors of all kinds .....	0350 <input type="checkbox"/>		
2. Motortrucks .....	0351 <input type="checkbox"/>		
3. Automobiles .....	0352 <input type="checkbox"/>		

## SECTION 13 PRACTICES

1. At any time during 2018, did this operation –

a. Use a computer for the farm business (laptop, desktop, or tablet)? ..... 0355 1  Yes 2  No

b. Have Internet access?

0356 1  Yes – Access to the Internet was through (check all that apply)

0357 1  Dial-up 3  Cable modem 5  Mobile broadband plan for a computer or a cell phone 7  Broadband over power lines

2  DSL 4  Fiber-optic 6  Satellite 8  Other, specify C

2  No

0358

**SECTION 14 GOVERNMENT AGRICULTURAL PROGRAMS**

1. Did this operation participate in any Federal or Local agricultural program in 2018? Include participation in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), Conservation Reserve Enhancement Program (CREP), as well as any Federal or Local crop insurance program.

0375 1  Yes 2  No

2. Acres and/or amount received from -

a. Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Reserve Program (FWP), Conservation Reserve Enhancement Program (CREP) on September 30, 2018 .....

	Acres in the open		Dollars only
	Whole acres	Hundredths	
None <input type="checkbox"/>	0376		0377
<input type="checkbox"/>		/100	\$ <input type="text"/> .00
None <input type="checkbox"/>	0378		
<input type="checkbox"/>		/100	

b. Acres in this operation covered under a crop insurance policy in 2018 .....

c. Direct payments, counter cyclical, and Average Crop Revenue Election (ACRE) payments as defined by the 2014 Farm Bill .....

None <input type="checkbox"/>	Dollars only
0379	\$ <input type="text"/> .00

d. Other agricultural program payments -

INCLUDE:

- disaster, market loss
- CSP (Conservation Security Program)
- livestock programs
- national dairy market loss such as DAP (Dairy Assistance Program)
- DSA (Disaster Set-Aside Program)
- ECP (Emergency Conservation Program)
- EFRP (Emergency Forest Restoration Program)
- ELAP (Emergency Assistance for Livestock, Honeybees, and Farm-Raised Fish Program)
- EM (Emergency Loans)
- LIP (Livestock Indemnity Program)
- TAP (Tree Assistance Program)
- NAP (Non-Insured Assistance Program)
- EQIP (Environmental Quality Incentives Program)
- any other Federal program .....

None <input type="checkbox"/>	Dollars only
0380	\$ <input type="text"/> .00
0381	\$ <input type="text"/> .00
0382	\$ <input type="text"/> .00

e. Payments received from agricultural insurance offered by state or local government .....

f. Payments received from all other state and local government agricultural programs (Agricultural Salary Subsidies, subsidies for infrastructure and machinery, etc.) .....

**SECTION 15 OPERATOR CHARACTERISTICS**

The following questions are about the CHARACTERISTICS of the FARM OPERATOR.

1. Do you (operator) live on this place (the acres entered in section 1, question 4)?

0360 1  Yes 2  No

2. In what YEAR did you (operator) begin to operate any part of this place? .....

Year
<input type="text"/>

3. How old were you (operator) on your last birthday? .....

Age
<input type="text"/>

4. At which occupation did you (operator) spend the majority (50% or more) of your time in 2018? .....

- 0363 { 1  Farming or ranching  
2  Other

5. OFF-FARM WORK – How many days did you (operator) work at least 4 hours per day off this place in 2018? Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work.) .....

- 0364 { 1  None 4  100 - 149 days  
2  1 - 49 days 5  150 - 199 days  
3  50 - 99 days 6  200 days or more

## SECTION 16 ENUMERATOR'S RECORD

ENUMERATOR'S RECORD (To be completed by the census enumerator)

1. Who furnished the information in this report?..... 0370
- |   |  |  |
|---|--|--|
| } | 1 <input type="checkbox"/> Operator                      | 4 <input type="checkbox"/> Hired laborer                                 |
|   | 2 <input type="checkbox"/> Landlord                      | 5 <input type="checkbox"/> Other – <i>Specify</i> <sub>C</sub>           |
|   | 3 <input type="checkbox"/> Spouse or other family member | <sup>0371</sup> <input style="width: 100px; height: 15px;" type="text"/> |

2. **REMARKS** – Make any remarks needed in regard to the place, the owner or operator, the crops cultivated, or the livestock on this place.

<b>3. LOCATION OF LAND</b>	a. Island 0982	b. Quarter or city 0983
	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>
<b>4. CERTIFIED BY</b>	Enumerator's signature 0984	Date 0985
	<input style="width: 100%; height: 20px;" type="text"/>	/ / 2019
<b>5. CHECKED BY</b>	Enumerator's signature 0986	Date 0987
	<input style="width: 100%; height: 20px;" type="text"/>	/ / 2019

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Cucumbers.....	11	19 - 22
Customwork.....	9, 17	19 - 22
<b>D</b>		
Ducks.....	13 - 15	19 - 22
<b>E</b>		
Eggplant.....	11	19 - 22
Egg sales.....	14, 15	19 - 22
Equipment:		
Automobiles.....	6, 16	19 - 22
Motortrucks.....	6, 16	19 - 22
Tractors (all kinds).....	6, 16	19 - 22
Expenses:		
Feed for livestock, poultry, and fish.....	9, 17	19 - 22
Fertilizers and manure.....	9, 17	29 - 32
Hired farm labor.....	9, 17	19 - 22
Insecticides, fungicides, and herbicides.....	9, 17	19 - 22
Livestock, poultry, and fish purchased.....	9, 17	19 - 22

Machine hire and customwork .....	9, 17	19 - 22
Seed cost .....	9, 17	19 - 22
<b>F</b>		
Farm labor, paid and unpaid .....	6	19 - 22
Farm classified by:		
Age of operator .....	5	19 - 22
Size of farm .....	1, 2	19 - 22
Tenure of operator .....	3, 16 - 18	19 - 22
Type of organization .....	6	-
Value of agricultural products sold (see also individual products) .....	8, 15	19 - 22
Farms, number .....	1, 2	19 - 22
Feed purchased .....	9, 17	19 - 22
Field crops .....	10, 15	19 - 22
Fish .....	9, 15, 17	19 - 22
Fruits and nuts .....	12, 15	19 - 22
Fungicides .....	9, 17	19 - 22
<b>G</b>		
Goats and kids .....	13, 14	19 - 22
Grapefruit .....	12	19 - 22
<b>H</b>		
Hay .....	10	19 - 22
Herbicides .....	9, 17	19 - 22
Hired labor .....	6, 9, 17	19 - 22
Hogs and pigs .....	13 - 15	19 - 22
<b>I</b>		
Income from government programs .....	4	19 - 22
Insecticides .....	9, 17	19 - 22
Irrigation .....	7	19 - 22
<b>L</b>		
Labor, expenses .....	9	19 - 22
Labor, paid and unpaid .....	6	19 - 22
Land in farms .....	1-3, 6	19 - 22
Land use .....	1	19 - 22
Lemons and limes .....	12	19 - 22
Lettuce .....	11	19 - 22
Livestock:		
Inventory .....	13	19 - 22
Number sold .....	13	19 - 22
Value of sales .....	14	19 - 22
<b>M</b>		
Machine hire .....	8, 25	19 - 22
Machinery (see Equipment)		
Mangoes .....	11, 22	19 - 22
Market value of agricultural products sold .....	7, 19	19 - 22
Motortrucks .....	5, 24	19 - 22
<b>O</b>		
Occupation of operator .....	5	19 - 22
Off-farm work .....	5, 18	19 - 22
Okra .....	11	19 - 22
Onion, chives, and scallions .....	11	19 - 22
Operator characteristics .....	5	19 - 22
Operators by -		
Age .....	5	19 - 22
Occupation .....	5	19 - 22

Off-farm work.....	5, 18	19 - 22
Residence.....	5	19 - 22
Years on present farm.....	5	19 - 22
Oranges.....	12	19 - 22
Organization, type of.....	6	19 - 22
Ornamental plants.....	12, 15	19 - 22

**P**

Paid labor.....	6	19 - 22
Papayas.....	12	19 - 22
Pastureland.....	1	19 - 22
Peppers.....	11	19 - 22
Pineapples.....	12	19 - 22
Poultry:		
Inventory.....	13	19 - 22
Number sold.....	14	19 - 22
Value of sales.....	14, 15	19 - 22

**R**

Residence of operator.....	2, 27	19 - 22
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**S**

Sale of agricultural products (see also individual products).....	14	19 - 22
Seed cost.....	9, 17	19 - 22
Size of farm.....	1, 2	19 - 22
Spinach.....	11	19 - 22
Squash.....	11	19 - 22
Sugarcane.....	11	19 - 22
Sweet potatoes.....	10	19 - 22

**T**

Taniers.....	10	19 - 22
Tenure of operator.....	3, 16 - 18	19 - 22
Tomatoes.....	11	19 - 22
Tractors (all kinds).....	6, 16	19 - 22
Type of land ownership.....	6	-

**U**

Unpaid labor.....	6	19 - 22
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**V**

Value of agricultural products sold (see also individual products).....	8, 15	19 - 22
Vegetables.....	7, 10	19 - 22

**W**

Woodland.....	1	19 - 22
Work off-farm.....	5, 18	19 - 22

**Y**

Yams.....	10	19 - 22
Years on present farm.....	5	19 - 22