

# 1987

## Census of Agriculture

AC87-A-56

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Volume 1  
GEOGRAPHIC AREA SERIES

Part 56

### Northern Mariana Islands

University of West Florida

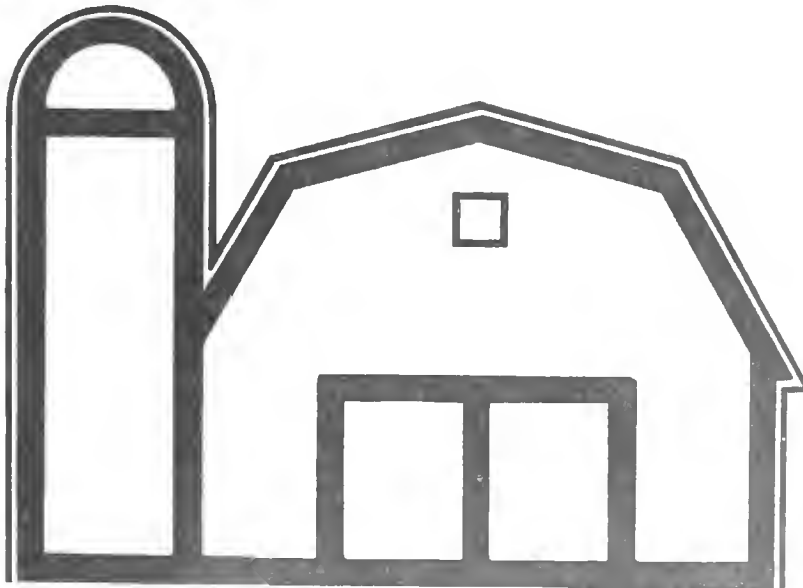
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# ACKNOWLEDGMENTS

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This report was prepared in the Agriculture Division. Many divisions participated in the various activities: Decennial Planning coordinated the agriculture census data collection in conjunction with the 1990 Census of Population and Housing; Economic Programming prepared the computer programs and designed the computer system; Geography developed the field maps; Administrative and Publication Services provided the forms design, publication planning and design, editorial reviews, composition, and printing procurement. The census program was conducted under the direction of **Juan S. Borja** and **William H. Stewart**, Co-directors of the Census for the Government of the Com-

monwealth of the Northern Mariana Islands, under a special agreement with the U.S. Census Bureau. Technical advice and oversight were provided by **Carolyn Hay**, Census Advisor, U.S. Bureau of the Census.

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Special tribute is paid to the many farm operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If there are any questions concerning the statistics in this report, call:

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Volume 1  
GEOGRAPHIC AREA SERIES

Part 56  
**Northern Mariana  
Islands**

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Issued December 1990



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# INTRODUCTION

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## HISTORY

The 1990 Census of Agriculture for the Northern Mariana Islands is the third census to be taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1970 as part of the decennial census of population and housing and has continued every 10 years.

## USES OF THE CENSUS

The census of agriculture is the recognized source of statistics about the Northern Mariana Islands' agricultural production and the only source of consistent, comparable data at the municipality 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.

## AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191. The census of agriculture in the Northern Mariana Islands is conducted every 10 years and was included with the 1990 Census of Population and Housing. Beginning in 1997, the census will be conducted every 5 years as it is in each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

## FARM DEFINITION

The statistics presented in this report relate to places qualifying as census farms. Chapter 1 uses the new farm definition, which defines a farm as any place from which

\$100 or more of agricultural products were sold or normally would have been sold during the census year. Chapter 2 provides comparable 1990 data according to the old farm definition used in previous censuses, which defined a farm as having a minimum number of livestock, poultry, fruit or nut trees, or any crops or vegetables harvested for sale.

## COMPARABILITY OF DATA

Data comparability has been maintained in chapter 2 which contains the 1980 data along with the comparable 1990 data. Dollar figures shown for agricultural product sales only apply under the new farm definition in chapter 1.

## TABULAR PRESENTATION

**Island data**—Chapter 1, tables 1 through 8 and chapter 2, tables 1 through 7 show detailed data for the Northern Mariana Islands. Chapter 1, tables 21 through 24 provide 1990 data for the Northern Mariana Islands cross tabulated by tenure of operator, size of farm, age of operator, and value of agricultural products sold.

**Municipality data**—Data are presented for municipalities in chapter 1, tables 9 through 20 and in chapter 2, tables 8 through 17.

## SPECIAL TABULATIONS

Custom designed tabulations are available to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, DC 20233.

## CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, 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, such as size of farm, is not considered a release of confidential information and is provided even though other information such as crop production, number of livestock, and sales is withheld.

## **INVENTORIES, PRODUCTION, AND SALES DATA**

Inventories of livestock, poultry, and fruit and nut trees or plants, are determined by the number on hand on the day of enumeration. Crop production and sales, as well as livestock sales, are for the calendar year.

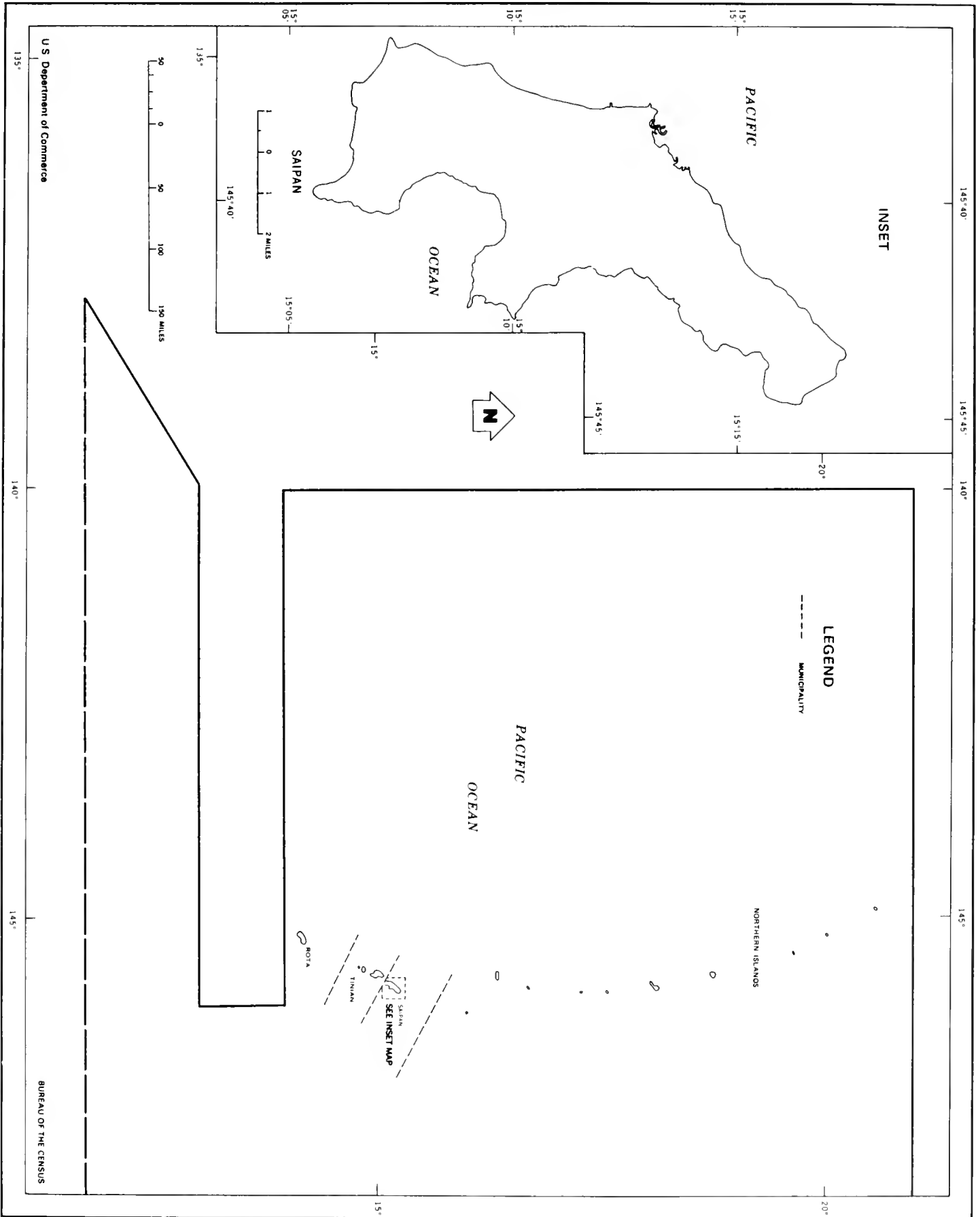
## **ABBREVIATIONS AND SYMBOLS**

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- (NA) Not available.
- sq ft Square feet.



# ISLANDS MAP





**Table 1. Farms, Land in Farms, and Land Use: 1990**

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

Item	Total	Item	Total
Farms..... number..	119	Cropland—Con.	
Land in farms <sup>1</sup> ..... acres..	14 421	Used for crops..... farms..	110
Average size of farm..... acres..	121.2	..... acres..	439
		Used for other purposes..... farms..	40
Approximate land area..... acres..	117 760	..... acres..	4 304
Proportion in farms..... percent..	12.2	Pastureland, except cropland pastured..... farms..	48
		..... acres..	4 361
Cropland..... farms..	113	Other land..... farms..	68
..... acres <sup>1</sup> ..	4 742	..... acres..	5 318

<sup>1</sup>Detail may not add to total due to rounding.

**Table 2. Farms and Land in Farms by Size of Farm: 1990**

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

Item	Total	Less than 1 acre	1 to 2 acres	3 to 4 acres	5 to 7 acres	8 to 9 acres	10 to 19 acres	20 to 39 acres	40 to 49 acres	50 acres or more
Farms..... number..	119	10	21	17	22	3	16	10	3	17
Percent of farms.....	100.0	8.4	17.6	14.3	18.5	2.5	13.4	8.4	2.5	14.3
Land in farms <sup>1</sup> ..... acres..	14 421	4	40	66	128	25	234	257	129	13 538
Percent distribution.....	100.0	—	.3	.5	.9	.2	1.6	1.8	.9	93.9
Average size of farm..... acres..	121.2	.4	1.9	3.9	5.8	8.4	14.6	25.7	42.8	796.4

<sup>1</sup>Detail may not add to total due to rounding.

**Table 3. Tenure and Characteristics of Operators: 1990**

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

Item	Total	Item	Total
<b>TENURE OF OPERATOR</b>		<b>OPERATOR CHARACTERISTICS—Con.</b>	
Operators..... farms..	119	Operators by years on present farm:	
..... acres <sup>1</sup> ..	14 421	Less than 2 years.....	20
Cropland..... farms..	113	2 to 4 years.....	38
..... acres <sup>1</sup> ..	4 742	5 to 9 years.....	22
		10 years or more.....	39
Full owners..... farms..	67	Operators by age group:	
..... acres..	533	Under 25 years.....	1
Cropland..... farms..	62	25 to 34 years.....	17
..... acres..	270	35 to 44 years.....	45
Part owners..... farms..	24	45 to 54 years.....	34
..... acres..	2 538	55 to 64 years.....	15
Cropland..... farms..	24	65 years and over.....	7
..... acres..	313	Average age.....	45
Tenants..... farms..	28	Operators by main occupation:	
..... acres..	11 350	Agricultural..... number..	42
Cropland..... farms..	27	..... acres..	10 617
..... acres..	4 159	Nonagricultural..... number..	77
		..... acres..	3 804
<b>OPERATOR CHARACTERISTICS</b>		Operators by days of work off farm: <sup>2</sup>	
Operators by place of residence:		None.....	24
On farm operated.....	45	Any.....	95
Not on farm operated.....	74	1 to 49 days.....	12
		50 to 99 days.....	12
		100 to 149 days.....	12
		150 to 199 days.....	6
		200 days or more.....	53

<sup>1</sup>Detail may not add to total due to rounding.

<sup>2</sup>Data are for 1989.

**Table 4. Farm Characteristics: 1990**

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

Item	Total	Item	Total
<b>FARMS BY SOURCE OF FINANCING</b>		<b>SELECTED EQUIPMENT</b>	
Operator:		Tractors of all kinds .....	farms.. 31
1 to 49 percent .....	-	.....	number.. 43
50 to 99 percent .....	3	Mototrucks .....	farms.. 21
100 percent .....	107	.....	number.. 29
		Automobiles .....	farms.. 62
		.....	number.. 84
Private:		<b>FARMS BY SPECIFIED FACILITIES</b>	
1 to 49 percent .....	2	Electricity .....	53
50 to 99 percent .....	1	No electricity .....	66
100 percent .....	4	Piped running water .....	71
		No piped running water .....	48
Commercial:		<b>FARMS BY TYPE OF HOLDING</b>	
1 to 49 percent .....	1	Home consumption holding .....	36
50 to 99 percent .....	1	Sale holdings .....	83
100 percent .....	2	Crop .....	51
		Livestock and/or poultry .....	13
Government:		Mixed .....	15
1 to 49 percent .....	1	Other .....	4
50 to 99 percent .....	1	<b>TYPE OF LAND OWNERSHIP</b>	
100 percent .....	1	Farms .....	number.. 119
Other sources:		.....	acres.. 14 421
1 to 49 percent .....	1	Owned .....	farms.. 91
50 to 99 percent .....	-	.....	acres.. (D)
100 percent .....	-	Rented from others .....	farms.. 52
		.....	acres.. 13 428
<b>FARMS BY TRACTS OR PIECES OF LAND</b>		Rented to others .....	farms.. 2
1 tract .....	70	.....	acres.. (D)
2 tracts .....	29		
3 tracts or more .....	20		

**Table 5. Value of Agricultural Products Sold: 1989**

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

Item	Farms	Value (dollars)	Item	Farms	Value (dollars)
<b>Total sales</b> .....	<b>119</b>	<b>1 063 950</b>	<b>Sales by commodity group or product:</b>		
Average per farm .....	(X)	8 941	Field crops, melons, and vegetables .....	71	470 226
			Sales of \$500 or more .....	53	466 168
Farms by value of sales:			Fruits and nuts .....	47	155 341
\$100 to \$499 .....	28	6 861	Sales of \$500 or more .....	28	152 307
\$500 to \$1,199 .....	15	12 644	Ornamental plants and other nursery products .....	8	58 885
\$1,200 to \$2,499 .....	22	40 518	Sales of \$500 or more .....	7	(D)
\$2,500 to \$4,999 .....	23	73 930	Livestock .....	37	367 383
\$5,000 to \$7,499 .....	5	32 386	Sales of \$500 or more .....	26	364 628
\$7,500 to \$9,999 .....	3	24 840	Poultry and eggs .....	8	12 115
\$10,000 or more .....	23	872 771	Sales of \$500 or more .....	4	11 550
			Fish .....	-	-
			Sales of \$500 or more .....	-	-

**Table 6. Field Crops, Melons, and Vegetables: 1989**

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

Item		Total	Item		Total
Cassava	farms	8	Melons, excluding watermelons	farms	19
	acres	8		acres	53
	pounds harvested	15 800		pounds harvested	171 100
	Sales	13 910		Sales	158 450
	pounds	9 163		pounds	79 590
	dollars			dollars	
Chinese cabbage	farms	39	Sweetpotatoes	farms	19
	acres	22		acres	17
	pounds harvested	71 468		pounds harvested	22 584
	Sales	67 687		Sales	16 679
	pounds	44 021		pounds	10 050
	dollars			dollars	
Corn	farms	10	Taro	farms	32
	acres	4		acres	24
	pounds harvested	3 765		pounds harvested	23 310
	Sales	2 432		Sales	18 040
	pounds	1 571		pounds	16 748
	dollars			dollars	
Cucumbers	farms	45	Watermelons	farms	23
	acres	39		acres	74
	pounds harvested	182 673		pounds harvested	191 665
	Sales	159 015		Sales	190 752
	pounds	55 681		pounds	80 231
	dollars			dollars	
Eggplant	farms	39	Yams	farms	17
	acres	18		acres	11
	pounds harvested	50 480		pounds harvested	32 343
	Sales	46 176		Sales	28 348
	pounds	28 729		pounds	28 625
	dollars			dollars	
			Other field crops and vegetables	farm	34
				acres	67
				pounds harvested	170 995
				Sales	160 100
				pounds	115 817
				dollars	

**Table 7. Fruits, Nuts, and Ornamental Plants and Other Nursery Products: 1990**

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

Item		Total	Item		Total
Avocados	farms	24	Limes	farms	13
	trees	134		trees	112
	pounds harvested <sup>1</sup>	3 935		pounds harvested <sup>1</sup>	3 162
	Sales <sup>1</sup>	2 175		Sales <sup>1</sup>	3 022
	pounds	1 680		pounds	2 720
	dollars			dollars	
Bananas	farms	69	Mangoes	farms	45
	clusters	22 800		trees	527
	pounds harvested <sup>1</sup>	102 091		pounds harvested <sup>1</sup>	7 859
	Sales <sup>1</sup>	32 494		Sales <sup>1</sup>	3 489
	pounds	18 100		pounds	4 644
	dollars			dollars	
Betelnuts	farms	38	Papayas	farms	45
	trees	8 142		trees	2 905
	pounds harvested <sup>1</sup>	82 947		pounds harvested <sup>1</sup>	31 080
	Sales <sup>1</sup>	81 872		Sales <sup>1</sup>	18 165
	pounds	90 186		pounds	12 775
	dollars			dollars	
Breadfruits	farms	33	Pineapples	farms	15
	trees	475		plants	9 299
	pounds harvested <sup>1</sup>	15 010		number harvested <sup>1</sup>	4 533
	Sales <sup>1</sup>	2 600		Sales <sup>1</sup>	4 020
	pounds	1 510		number	3 280
	dollars			dollars	
Coconuts	farms	59	Starfruits	farms	13
	trees	7 903		trees	37
	pounds harvested <sup>1</sup>	66 118		pounds harvested <sup>1</sup>	393
	Sales <sup>1</sup>	2 783		Sales <sup>1</sup>	243
	pounds	1 195		pounds	148
	dollars			dollars	
Green oranges	farms	27	Tangerines	farms	33
	trees	522		trees	509
	pounds harvested <sup>1</sup>	1 732		pounds harvested <sup>1</sup>	6 209
	Sales <sup>1</sup>	(D)		Sales <sup>1</sup>	4 086
	pounds	(D)		pounds	2 218
	dollars			dollars	
Guavas	farms	29	Other fruits, nuts, and tree crops	farms	15
	trees	229		trees or plants	770
	pounds harvested <sup>1</sup>	322		pounds harvested <sup>1</sup>	405
	Sales <sup>1</sup>	72		Sales <sup>1</sup>	(D)
	pounds	54		pounds	(D)
	dollars			dollars	
Lemons	farms	48	Ornamental plants and other nursery products <sup>1</sup>	farms	8
	trees	423		sq ft under cover	19 160
	pounds harvested <sup>1</sup>	5 153		acres	1
	Sales <sup>1</sup>	2 728		Sales	58 885
	pounds	1 776		dollars	
	dollars			dollars	

<sup>1</sup>Data are for 1989.

**Table 8. Livestock and Livestock Products, Poultry and Poultry Products, and Fish: 1990**

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

Item	Total	Item	Total
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>		<b>LIVESTOCK AND LIVESTOCK PRODUCTS—Con.</b>	
Cattle and calves of all ages .....	36	Other livestock .....	4
farms..		number..	32
number..	4 513	farms..	1
Sales <sup>1</sup> .....	14	number..	(D)
farms..		dollars..	(D)
number..	702		
dollars..	329 598	Livestock sales <sup>1</sup> .....	37
		farms..	367
Milk cows .....	6	dollars..	383
farms..			
number..	80	<b>POULTRY AND POULTRY PRODUCTS</b>	
Sales <sup>1</sup> .....	22	Chickens .....	63
farms..		number..	9 580
number..	13 200	farms..	6
dollars..		number..	1 305
		dollars..	6 690
Other cattle and calves .....	33	Other poultry .....	18
farms..		farms..	562
number..	4 433	number..	1
Sales <sup>1</sup> .....	680	farms..	(D)
farms..		number..	(D)
number..	316 398	dollars..	(D)
dollars..		Chicken egg sales <sup>1</sup> .....	2
Hogs and pigs of all ages .....	66	farms..	(D)
farms..		dozens..	(D)
number..	1 260	dollars..	(D)
Sales <sup>1</sup> .....	28	Poultry and egg sales <sup>1</sup> .....	8
farms..		farms..	12 115
number..	360	number..	
dollars..	33 565	dollars..	
		<b>FISH<sup>1</sup></b>	
Goats and kids of all ages .....	21	Caught .....	3
farms..		farms..	1 600
number..	482	pounds..	-
Sales <sup>1</sup> .....	3	farms..	-
farms..		pounds..	-
number..	8	dollars..	-
dollars..	(D)		
Horses, mules, and colts of all ages .....	2		
farms..			
number..	(D)		
Sales <sup>1</sup> .....	1		
farms..			
number..	(D)		
dollars..	(D)		

<sup>1</sup>Data are for 1989.

**Table 9. Farms, Land in Farms, and Land Use, by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Farms .....	119	4	24	72	19
Land in farms <sup>1</sup> .....	14 421	141	762	2 019	11 499
Cropland .....	113	4	24	67	18
farms..					
acres <sup>1</sup> ..	4 742	68	251	359	4 065
Used for crops .....	110	4	23	67	16
farms..					
acres..	439	(D)	(D)	250	43
Used for other purposes .....	40	1	15	20	4
farms..					
acres..	4 304	(D)	(D)	109	4 022
Pastureland, except cropland pastured .....	48	4	10	24	10
farms..					
acres..	4 361	62	448	1 383	2 468
Other land .....	68	4	11	40	13
farms..					
acres..	5 318	11	63	277	4 967

<sup>1</sup>Detail may not add to total due to rounding

**Table 10. Size of Farm by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Farms..... number.....	119	4	24	72	19
..... acres <sup>1</sup> .....	14 421	141	762	2 019	11 499
Farms by size:					
Less than 1 acre..... number.....	10	-	-	10	-
..... acres.....	4	-	-	4	-
1 to 2..... number.....	21	-	2	15	4
..... acres.....	40	-	(D)	27	(D)
3 to 4..... number.....	17	-	3	13	1
..... acres.....	66	-	(D)	50	(D)
5 to 7..... number.....	22	-	4	12	6
..... acres.....	128	-	26	67	36
8 to 9..... number.....	3	-	-	3	-
..... acres.....	25	-	-	25	-
10 to 19..... number.....	16	1	4	10	1
..... acres.....	234	(D)	(D)	152	(D)
20 to 39..... number.....	10	1	3	4	2
..... acres.....	257	(D)	75	102	(D)
40 to 49..... number.....	3	-	3	-	-
..... acres.....	129	-	129	-	-
50 acres or more..... number.....	17	2	5	5	5
..... acres.....	13 538	(D)	(D)	1 593	11 384

<sup>1</sup>Detail may not add to total due to rounding.

**Table 11. Selected Farm Characteristics by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Farms by type of holding:					
Home consumption holding.....	36	2	15	15	4
Sales holdings.....	83	2	9	57	15
Crop.....	51	-	6	37	8
Livestock and/or poultry.....	13	1	1	8	3
Mixed.....	15	1	2	9	3
Other.....	4	-	-	3	1
Farms by tracts or pieces of land:					
1 tract.....	70	4	8	49	9
2 tracts.....	29	-	6	16	7
3 tracts or more.....	20	-	10	7	3

**Table 12. Farms, Land in Farms, and Tenure of Operator, by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Farms..... number.....	119	4	24	72	19
Land in farms <sup>1</sup> ..... acres.....	14 421	141	762	2 019	11 499
Cropland used for crops..... acres.....	439	60	86	250	43
Tenure of operator:					
Operators.....	119	4	24	72	19
Full owners.....	67	-	9	49	9
Part owners.....	24	-	12	10	2
Tenants.....	28	4	3	13	8
Land in farms (acres):					
Full owners.....	533	-	(D)	359	(D)
Part owners.....	2 538	-	(D)	1 598	(D)
Tenants.....	11 350	141	22	62	11 125
Cropland used for crops (acres):					
Full owners.....	137	-	32	91	14
Part owners.....	184	-	(D)	121	(D)
Tenants.....	118	60	(D)	38	(D)

<sup>1</sup>Detail may not add to total due to rounding.

**Table 13. Field Crops, Melons, and Vegetables, by Municipalities: 1989**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Casavea ----- farms..	8	2	-	4	2
----- acres..	8	(D)	-	6	(D)
----- pounds harvested..	15 800	(D)	-	14 100	(D)
Sales ----- farms..	5	-	-	4	1
----- pounds..	13 910	-	-	(D)	(D)
----- dollars..	9 163	-	-	(D)	(D)
Chinese cabbage ----- farms..	39	-	5	28	6
----- acres..	22	-	2	17	4
----- pounds harvested..	71 468	-	1 490	55 448	14 530
Sales ----- farms..	37	-	4	27	6
----- pounds..	67 687	-	1 014	52 243	14 430
----- dollars..	44 021	-	875	35 725	7 421
Corn ----- farms..	10	-	1	6	3
----- acres..	4	-	(D)	3	(D)
----- pounds harvested..	3 765	-	(D)	2 735	(D)
Sales ----- farms..	7	-	1	4	2
----- pounds..	2 432	-	(D)	1 902	(D)
----- dollars..	1 571	-	(D)	1 301	(D)
Cucumbers ----- farms..	45	-	5	34	6
----- acres..	39	-	2	35	2
----- pounds harvested..	182 673	-	3 300	173 898	5 475
Sales ----- farms..	39	-	4	29	6
----- pounds..	159 015	-	3 050	150 590	5 375
----- dollars..	55 681	-	1 680	51 821	2 180
Eggplant ----- farms..	39	-	4	30	5
----- acres..	18	-	1	15	2
----- pounds harvested..	50 480	-	2 835	42 840	4 805
Sales ----- farms..	33	-	4	25	4
----- pounds..	46 176	-	2 400	41 458	2 318
----- dollars..	28 729	-	2 520	24 900	1 309
Melons, excluding watermelons ----- farms..	19	-	3	15	1
----- acres..	53	-	(D)	50	(D)
----- pounds harvested..	171 100	-	(D)	166 800	(D)
Sales ----- farms..	17	-	2	14	1
----- pounds..	158 450	-	(D)	154 450	(D)
----- dollars..	79 590	-	(D)	77 890	(D)
Sweetpotatoes ----- farms..	19	-	7	8	4
----- acres..	17	-	10	2	5
----- pounds harvested..	22 584	-	16 800	3 784	2 000
Sales ----- farms..	15	-	6	5	4
----- pounds..	16 679	-	11 400	3 279	2 000
----- dollars..	10 050	-	6 200	2 850	1 000
Taro ----- farms..	32	-	11	17	4
----- acres..	24	-	16	6	2
----- pounds harvested..	23 310	-	13 600	6 510	3 200
Sales ----- farms..	21	-	9	9	3
----- pounds..	18 040	-	10 150	4 790	3 100
----- dollars..	16 748	-	9 580	4 113	3 055
Watermelons ----- farms..	23	-	4	14	5
----- acres..	74	-	4	51	19
----- pounds harvested..	191 665	-	3 850	124 815	63 000
Sales ----- farms..	22	-	4	13	5
----- pounds..	190 752	-	3 200	124 552	63 000
----- dollars..	80 231	-	1 290	56 041	22 900
Yams ----- farms..	17	2	3	11	1
----- acres..	11	(D)	1	10	(D)
----- pounds harvested..	32 343	(D)	845	30 298	(D)
Sales ----- farms..	6	-	-	6	-
----- pounds..	28 348	-	-	28 348	-
----- dollars..	28 625	-	-	28 625	-
Other field crops and vegetables ----- farms..	34	-	4	28	2
----- acres..	67	-	(D)	63	(D)
----- pounds harvested..	170 995	-	(D)	159 280	(D)
Sales ----- farms..	31	-	3	26	2
----- pounds..	160 100	-	(D)	149 135	(D)
----- dollars..	115 817	-	(D)	103 214	(D)



**Table 14. Fruits, Nuts, and Ornamental Plants and Other Nursery Products, by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Avocados ----- farms ..	24	-	8	12	4
trees ..	134	-	53	74	7
pounds harvested <sup>1</sup> ..	3 935	-	500	3 285	150
Sales <sup>1</sup> ----- pounds ..	2 175	-	-	2 175	-
dollars ..	1 680	-	-	1 680	-
Bananas ----- farms ..	69	3	14	39	13
clusters ..	22 800	1 200	4 808	14 846	1 946
pounds harvested <sup>1</sup> ..	102 091	5 400	14 198	67 128	15 365
Sales <sup>1</sup> ----- pounds ..	32 494	-	10 600	16 449	5 445
dollars ..	18 100	-	7 400	7 900	2 800
Betelnuts ----- farms ..	38	2	6	24	6
trees ..	8 142	(D)	2 088	4 785	(D)
pounds harvested <sup>1</sup> ..	82 947	(D)	5 010	75 817	(D)
Sales <sup>1</sup> ----- pounds ..	81 872	-	5 000	75 662	1 210
dollars ..	90 186	-	5 000	83 456	1 730
Breadfruits ----- farms ..	33	3	10	17	3
trees ..	475	315	87	65	8
pounds harvested <sup>1</sup> ..	15 010	11 000	1 100	2 910	-
Sales <sup>1</sup> ----- pounds ..	2 600	-	-	2 600	-
dollars ..	1 510	-	-	1 510	-
Coconuts ----- farms ..	59	3	15	32	9
trees ..	7 903	3 600	1 355	2 207	741
pounds harvested <sup>1</sup> ..	66 118	31 700	10 900	17 478	6 040
Sales <sup>1</sup> ----- pounds ..	2 783	-	-	2 783	-
dollars ..	1 195	-	-	1 195	-
Green oranges ----- farms ..	27	-	10	12	5
trees ..	522	-	426	75	21
pounds harvested <sup>1</sup> ..	1 732	-	1 230	497	5
Sales <sup>1</sup> ----- pounds ..	(D)	-	-	(D)	-
dollars ..	(D)	-	-	(D)	-
Guavas ----- farms ..	29	-	7	16	6
trees ..	229	-	83	73	73
pounds harvested <sup>1</sup> ..	322	-	10	195	117
Sales <sup>1</sup> ----- pounds ..	72	-	-	72	-
dollars ..	54	-	-	54	-
Lemons ----- farms ..	48	-	10	28	10
trees ..	423	-	90	271	62
pounds harvested <sup>1</sup> ..	5 153	-	370	4 038	745
Sales <sup>1</sup> ----- pounds ..	2 728	-	-	2 193	535
dollars ..	1 776	-	-	1 311	465
Limes ----- farms ..	13	-	3	9	1
trees ..	112	-	(D)	76	(D)
pounds harvested <sup>1</sup> ..	3 162	-	(D)	3 082	(D)
Sales <sup>1</sup> ----- pounds ..	3 022	-	-	3 022	-
dollars ..	2 720	-	-	2 720	-
Mangoes ----- farms ..	45	2	9	28	6
trees ..	527	(D)	45	304	(D)
pounds harvested <sup>1</sup> ..	7 859	(D)	250	7 439	(D)
Sales <sup>1</sup> ----- pounds ..	3 489	-	-	3 489	-
dollars ..	4 644	-	-	4 644	-
Papayas ----- farms ..	45	-	11	25	9
trees ..	2 905	-	695	1 976	234
pounds harvested <sup>1</sup> ..	31 080	-	1 250	27 865	1 965
Sales <sup>1</sup> ----- pounds ..	18 165	-	1 000	16 810	355
dollars ..	12 775	-	500	11 960	315
Pineapples ----- farms ..	15	-	3	10	2
plants ..	9 299	-	(D)	7 191	(D)
number harvested <sup>1</sup> ..	4 533	-	(D)	3 531	(D)
Sales <sup>1</sup> ----- number ..	4 020	-	1 000	3 020	-
dollars ..	3 280	-	500	2 780	-
Starfruits ----- farms ..	13	-	1	11	1
trees ..	37	-	(D)	(D)	(D)
pounds harvested <sup>1</sup> ..	393	-	-	393	-
Sales <sup>1</sup> ----- pounds ..	243	-	-	243	-
dollars ..	148	-	-	148	-
Tangerines ----- farms ..	33	-	6	18	9
trees ..	509	-	92	384	33
pounds harvested <sup>1</sup> ..	6 209	-	100	5 781	328
Sales <sup>1</sup> ----- pounds ..	4 086	-	-	3 836	250
dollars ..	2 218	-	-	2 089	129
Other fruits, nuts, and tree crops ----- farms ..	15	-	4	9	2
trees or plants ..	770	-	(D)	226	(D)
pounds harvested <sup>1</sup> ..	405	-	(D)	375	(D)
Sales <sup>1</sup> ----- pounds ..	(D)	-	-	(D)	-
dollars ..	(D)	-	-	(D)	-
Ornamental plants and other nursery products <sup>1</sup> ----- farms ..	8	-	-	8	-
sq ft under cover ..	19 160	-	-	19 160	-
acres ..	1	-	-	1	-
Sales ----- dollars ..	58 885	-	-	58 885	-

<sup>1</sup>Data are for 1989.

**Table 15. Livestock and Livestock Products, Poultry and Poultry Products, and Fish, by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>					
Cattle and calves of all ages	farms.. 36	3	11	14	8
	number.. 4 513	19	284	133	4 077
Sales <sup>1</sup>	farms.. 14	-	5	3	6
	number.. 702	-	75	35	592
	dollars.. 329 598	-	26 298	21 800	281 500
Milk cows	farms.. 6	-	3	3	-
	number.. 80	-	53	27	-
Sales <sup>1</sup>	number.. 22	-	-	22	-
	dollars.. 13 200	-	-	13 200	-
Other cattle and calves	farms.. 33	3	10	12	8
	number.. 4 433	19	231	106	4 077
Sales <sup>1</sup>	number.. 680	-	75	13	592
	dollars.. 316 398	-	26 298	8 600	281 500
Hogs and pigs of all ages	farms.. 66	4	12	40	10
	number.. 1 260	270	79	823	88
Sales <sup>1</sup>	farms.. 28	4	5	16	3
	number.. 360	14	22	312	12
	dollars.. 33 565	1 160	2 185	29 060	1 160
Goats and kids of all ages	farms.. 21	4	1	11	5
	number.. 482	237	(D)	130	(D)
Sales <sup>1</sup>	farms.. 3	-	-	3	-
	number.. 8	-	-	8	-
	dollars.. (D)	-	-	(D)	-
Horses, mules, and colts of all ages	farms.. 2	-	-	1	1
	number.. (D)	-	-	(D)	(D)
Sales <sup>1</sup>	farms.. 1	-	-	-	1
	number.. (D)	-	-	-	(D)
	dollars.. (D)	-	-	-	(D)
Other livestock	farms.. 4	-	1	3	-
	number.. 32	-	(D)	(D)	-
Sales <sup>1</sup>	farms.. 1	-	-	1	-
	number.. (D)	-	-	(D)	-
	dollars.. (D)	-	-	(D)	-
<b>POULTRY AND POULTRY PRODUCTS</b>					
Chickens	farms.. 63	4	11	36	12
	number.. 9 580	155	341	7 902	1 182
Sales <sup>1</sup>	farms.. 6	-	1	3	2
	number.. 1 305	-	(D)	1 245	(D)
	dollars.. 6 690	-	(D)	5 875	(D)
Other poultry	farms.. 18	-	5	11	2
	number.. 562	-	(D)	370	(D)
Sales <sup>1</sup>	farms.. 1	-	1	-	-
	number.. (D)	-	(D)	-	-
	dollars.. (D)	-	(D)	-	-
Chicken egg sales <sup>1</sup>	farms.. 2	-	-	1	1
	dozens.. (D)	-	-	(D)	(D)
	dollars.. (D)	-	-	(D)	(D)
Poultry and egg sales <sup>1</sup>	farms.. 8	-	2	4	2
	dollars.. 12 115	-	(D)	10 875	(D)
<b>FISH<sup>1</sup></b>					
Caught	farms.. 3	2	-	1	-
	pounds.. 1 600	(D)	-	(D)	-
Sales	farms.. -	-	-	-	-
	pounds.. -	-	-	-	-
	dollars.. -	-	-	-	-

<sup>1</sup>Data are for 1989.

**Table 16. Selected Equipment and Specified Facilities by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
<b>SELECTED EQUIPMENT</b>					
Tractors of all kinds	farms.. 31	-	3	23	5
	number.. 43	-	4	26	13
Mototrucks	farms.. 21	-	1	16	4
	number.. 29	-	(D)	22	(D)
Automobiles	farms.. 62	-	14	37	11
	number.. 84	-	20	46	18
<b>FARMS BY SPECIFIED FACILITIES</b>					
Electricity	-	-	3	38	12
No electricity	66	4	21	34	7
Piped running water	71	-	8	48	15
No piped running water	48	4	16	24	4

**Table 17. Operator Characteristics by Municipalities: 1990**

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

Item	Northern Manana Islands	Northern Islands	Rota	Saipan	Timian
<b>Operators by place of residence:</b>					
On farm operated .....	45	3	3	30	9
Not on farm operated .....	74	1	21	42	10
<b>Operators by years on present farm:</b>					
Less than 2 years .....	20	-	7	11	2
2 to 4 years .....	38	1	5	25	7
5 to 9 years .....	22	-	3	15	4
10 years or more .....	39	3	9	21	6
<b>Operators by age group:</b>					
Under 25 years .....	1	1	-	-	-
25 to 34 years .....	17	-	4	9	4
35 to 44 years .....	45	-	8	31	6
45 to 54 years .....	34	3	4	21	6
55 to 64 years .....	15	-	5	9	1
65 years and over .....	7	-	3	2	2
Average age .....	45	45	47	45	45
<b>Operators by main occupation:</b>					
Agricultural .....	42	2	5	22	13
..... number .....					
..... acres .....	10 617	(D)	(D)	265	10 167
Nonagricultural .....	77	2	19	50	6
..... number .....					
..... acres .....	3 804	(D)	(D)	1 754	1 332
<b>Operators by days of work off farm:<sup>1</sup></b>					
None .....	24	2	-	19	3
Any .....	95	2	24	53	16
1 to 49 days .....	12	-	2	9	1
50 to 99 days .....	12	-	6	5	1
100 to 149 days .....	12	-	5	5	2
150 to 199 days .....	6	-	3	2	1
200 days or more .....	53	2	8	32	11

<sup>1</sup>Data are for 1989.

**Table 18. Farms by Source of Financing for Municipalities: 1990**

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

Item	Northern Manana Islands	Northern Islands	Rota	Saipan	Timian
<b>Operator:</b>					
1 to 49 percent .....	-	-	-	-	-
50 to 99 percent .....	3	-	-	3	-
100 percent .....	107	2	24	63	18
<b>Private:</b>					
1 to 49 percent .....	2	-	-	2	-
50 to 99 percent .....	1	-	-	1	-
100 percent .....	4	2	-	2	-
<b>Commercial:</b>					
1 to 49 percent .....	1	-	-	1	-
50 to 99 percent .....	1	-	-	1	-
100 percent .....	2	-	-	1	1
<b>Government:</b>					
1 to 49 percent .....	1	-	-	1	-
50 to 99 percent .....	1	-	-	1	-
100 percent .....	1	-	-	1	-
<b>Other:</b>					
1 to 49 percent .....	1	-	-	1	-
50 to 99 percent .....	-	-	-	-	-
100 percent .....	-	-	-	-	-

**Table 19. Value of Agricultural Products Sold by Municipalities: 1989**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Total sales ----- farms..	119	4	24	72	19
dollars..	1 063 950	1 160	76 678	656 545	329 567
Average per farm ----- dollars..	8 941	290	3 195	9 119	17 346
Field crops, melons, and vegetables ----- farms..	71	-	18	44	9
dollars..	470 226	-	34 445	395 603	40 178
Fruits and nuts ----- farms..	47	-	8	29	10
dollars..	155 341	-	(D)	136 502	(D)
Ornamental plants and other nursery products ----- farms..	8	-	-	8	-
dollars..	58 885	-	-	58 885	-
Livestock ----- farms..	37	4	7	20	6
dollars..	367 383	1 160	28 483	54 680	283 060
Poultry and eggs ----- farms..	8	-	2	4	2
dollars..	12 115	-	(D)	10 875	(D)
Fish ----- farms..	-	-	-	-	-
dollars..	-	-	-	-	-

**Table 20. Farms, Land in Farms, and Type of Land Ownership, by Municipalities: 1990**

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

Item	Northern Mariana Islands	Northern Islands	Rota	Saipan	Tinian
Farms ----- number..	119	4	24	72	19
Land in farms <sup>1</sup> ----- acres..	14 421	141	762	2 019	11 499
Owned ----- farms..	91	-	21	59	11
acres..	(D)	-	268	(D)	(D)
Rented from others ----- farms..	52	4	15	23	10
acres..	13 428	141	494	1 429	11 363
Rented to others ----- farms..	2	-	-	1	1
acres..	(D)	-	-	(D)	(D)

<sup>1</sup>Detail may not add to total due to rounding

**Table 21. Summary by Tenure of Operator: 1990**

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

Item	Total	Full owners	Part owners	Tenants	Item	Total	Full owners	Part owners	Tenants
<b>FARMS AND LAND IN FARMS</b>					<b>FARMS BY SPECIFIED FACILITIES</b>				
Farms..... number.....	119	67	24	28	Electricity.....	53	35	8	10
Percent of farms.....	100.0	56.3	20.2	23.5	No electricity.....	66	32	16	18
Land in farms <sup>1</sup> ..... acres.....	14 421	533	2 538	11 350	Piped running water.....	71	42	15	14
Percent distribution.....	100.0	3.7	17.6	78.7	No piped running water.....	48	25	9	14
Average size of farm..... acres.....	121.2	8.0	105.8	405.4	<b>VALUE OF AGRICULTURAL PRODUCTS SOLD<sup>2</sup></b>				
<b>LAND USE</b>					Total sales..... farms.....	119	67	24	28
Cropland..... farms.....	113	62	24	27	dollars.....	1 063 950	309 309	339 010	415 631
Used for crops..... farms.....	4 742	270	313	4 159	Average per farm..... dollars.....	8 941	4 617	14 125	14 844
Used for other purposes..... farms.....	110	62	23	25	<b>Farms by value of sales:</b>				
\$100 to \$499..... farms.....	439	137	184	118	\$100 to \$499..... farms.....	28	18	2	8
\$500 to \$1,199..... farms.....	40	23	8	9	dollars.....	6 861	4 080	(D)	(D)
Pastureland, except cropland pastured..... farms.....	48	19	17	12	\$1,200 to \$2,499..... farms.....	15	12	1	2
acres.....	4 361	171	1 962	2 228	dollars.....	12 644	10 104	(D)	(D)
Other land..... farms.....	68	36	18	14	\$2,500 to \$4,999..... farms.....	22	11	5	6
acres.....	5 318	92	263	4 963	dollars.....	40 518	21 576	9 271	9 671
<b>TENURE OF OPERATOR</b>					\$5,000 to \$7,499..... farms.....	23	14	6	3
Operators..... farms.....	119	67	24	28	dollars.....	73 930	44 457	20 283	9 190
Full owners..... farms.....	14 421	533	2 538	11 350	\$7,500 to \$9,999..... farms.....	5	4	1	-
Part owners..... farms.....	67	67	-	-	dollars.....	32 386	(D)	(D)	-
Tenants..... farms.....	533	533	-	-	\$10,000 or more..... farms.....	3	2	-	1
acres.....	24	-	24	-	dollars.....	24 840	(D)	-	(D)
acres.....	2 538	-	2 538	-	Total.....	23	6	9	8
acres.....	28	-	-	28	dollars.....	872 771	187 175	301 156	384 440
acres.....	11 350	-	-	11 350	<b>SALES BY COMMODITY GROUP OR PRODUCT<sup>2</sup></b>				
<b>FARMS BY SIZE</b>					Field crops, melons, and vegetables..... farms.....	71	37	19	15
Farms.....	119	67	24	28	dollars.....	470 226	96 866	262 339	111 021
Less than 1 acre.....	10	7	-	3	Fruits and nuts..... farms.....	47	29	11	7
1 to 2 acres.....	21	14	2	5	dollars.....	155 341	119 093	25 453	10 795
3 to 4 acres.....	17	12	1	4	<b>Ornamental plants and other nursery products..... farms.....</b>				
5 to 7 acres.....	22	16	1	5	dollars.....	8	3	3	2
8 to 9 acres.....	3	3	-	-	Total.....	58 885	49 095	(D)	(D)
10 to 19 acres.....	16	9	3	4	Livestock..... farms.....	37	19	8	10
20 to 39 acres.....	10	4	4	2	dollars.....	367 383	41 165	42 858	283 360
40 to 49 acres.....	3	-	3	-	Poultry and eggs..... farms.....	8	3	4	1
50 acres or more.....	17	2	10	5	dollars.....	12 115	3 090	(D)	(D)
<b>FARMS BY TYPE OF HOLDING</b>					Fish..... farms.....	-	-	-	-
Home consumption holding.....	36	20	8	8	dollars.....	-	-	-	-
Sale holdings.....	83	47	16	20	<b>FARMS BY SOURCE OF FINANCING</b>				
Crop.....	51	29	9	13	Operator:	-	-	-	-
Livestock and/or poultry.....	13	7	1	5	1 to 49 percent.....	-	-	-	-
Mixed.....	15	7	6	2	50 to 99 percent.....	3	2	-	1
Other.....	4	4	-	-	100 percent.....	107	62	24	21
<b>OPERATOR CHARACTERISTICS</b>					Private:	-	-	-	-
Operators by place of residence:	-	-	-	-	1 to 49 percent.....	2	1	-	1
On farm operated.....	45	30	6	9	50 to 99 percent.....	1	1	-	-
Not on farm operated.....	74	37	18	19	100 percent.....	4	2	-	2
Operators by years on present farm:	-	-	-	-	Commercial:	-	-	-	-
Less than 2 years.....	20	8	6	6	1 to 49 percent.....	1	1	-	-
2 to 4 years.....	38	20	6	12	50 to 99 percent.....	1	-	-	1
5 to 9 years.....	22	16	3	3	100 percent.....	2	-	-	2
10 years or more.....	39	23	9	7	Government:	-	-	-	-
Operators by age group:	-	-	-	-	1 to 49 percent.....	1	1	-	-
Under 25 years.....	1	-	-	1	50 to 99 percent.....	1	1	-	-
25 to 34 years.....	17	8	4	5	100 percent.....	1	-	-	1
35 to 44 years.....	45	25	10	10	Other:	-	-	-	-
45 to 54 years.....	34	22	4	8	1 to 49 percent.....	1	-	-	1
55 to 64 years.....	15	10	4	1	50 to 99 percent.....	-	-	-	-
65 years and over.....	7	2	2	3	100 percent.....	-	-	-	-
Average age.....	45	46	46	44	<b>FIELD CROPS, MELONS, AND VEGETABLES<sup>2</sup></b>				
Operators by main occupation:	-	-	-	-	Cassava..... farms.....	8	3	3	2
Agricultural..... number.....	42	21	10	11	acres.....	8	(D)	6	(D)
Nonagricultural..... number.....	10 617	202	454	9 961	pounds harvested.....	15 800	(D)	13 850	(D)
acres.....	77	46	14	17	Sales..... pounds.....	13 910	310	13 600	-
acres.....	3 804	331	2 084	1 389	dollars.....	9 163	123	9 040	-
Operators by days of work off farm: <sup>2</sup>	-	-	-	-	Chinese cabbage..... farms.....	39	18	12	9
None.....	24	15	2	7	acres.....	22	7	8	7
Any.....	95	52	22	21	pounds harvested.....	71 468	23 633	27 990	19 845
1 to 49 days.....	12	8	-	4	Sales..... pounds.....	67 687	21 573	27 364	18 750
50 to 99 days.....	12	4	7	2	dollars.....	44 021	11 113	19 660	13 248
100 to 149 days.....	12	7	3	2	Corn..... farms.....	10	3	5	2
150 to 199 days.....	6	3	2	1	acres.....	4	(Z)	(D)	(D)
200 days or more.....	53	30	10	13	pounds harvested.....	3 765	720	(D)	(D)
<b>FARMS BY TRACTS OR PIECES OF LAND</b>					Sales..... pounds.....	2 432	700	(D)	(D)
1 tract.....	70	47	4	19	dollars.....	1 571	340	(D)	(D)
2 tracts.....	29	15	10	4	Cucumbers..... farms.....	45	22	11	12
3 tracts or more.....	20	5	10	5	acres.....	39	6	17	16
<b>SELECTED EQUIPMENT</b>					pounds harvested.....	182 673	23 758	79 800	79 115
Tractors of all kinds..... farms.....	31	15	8	8	Sales..... pounds.....	159 015	19 863	78 650	60 502
number.....	43	18	8	17	dollars.....	55 681	6 905	21 485	27 291
Motortrucks..... farms.....	21	8	6	7	Eggplant..... farms.....	39	22	10	7
number.....	29	10	10	9	acres.....	18	4	9	5
Automobiles..... farms.....	62	34	13	15	pounds harvested.....	50 480	8 235	24 625	17 620
number.....	84	49	15	20	Sales..... pounds.....	46 176	6 666	21 958	17 552
					dollars.....	28 729	3 767	12 529	12 433

See footnotes at end of table.

**Table 21. Summary by Tenure of Operator: 1990—Con.**

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

Item	Total	Full owners	Part owners	Tenants	Item	Total	Full owners	Part owners	Tenants
<b>FIELD CROPS, MELONS, AND VEGETABLES<sup>2</sup>—Con.</b>					<b>FRUITS, NUTS, AND TREE CROPS —Con.</b>				
Melons, excluding watermelons	19 farms	6	9	4	Papayas	45 farms	27	11	7
acres	53	1	46	5	trees	2 905	1 400	1 135	370
pounds harvested <sup>2</sup>	171 100	2 050	153 300	15 750	pounds harvested <sup>2</sup>	31 080	13 070	9 950	8 060
Sales	158 450 pounds	1 700	141 000	15 750	Sales <sup>2</sup>	18 165 pounds	6 915	4 350	6 900
dollars	79 590	1 090	67 500	11 000	dollars	12 775	6 520	2 615	3 640
Sweetpotatoes	19 farms	10	7	2	Pineapples	15 farms	12	3	-
acres	17	12	(D)	(D)	plants	9 299	3 199	6 100	-
pounds harvested <sup>2</sup>	22 584	16 810	(D)	(D)	number harvested <sup>2</sup>	4 533	1 383	3 150	-
Sales	16 679 pounds	11 805	(D)	(D)	Sales <sup>2</sup>	4 020	1 020	3 000	-
dollars	10 050	6 660	(D)	(D)	dollars	3 280	780	2 500	-
Taro	32 farms	17	10	5	Starfruits	13 farms	10	3	-
acres	24	7	13	5	trees	37	33	4	-
pounds harvested <sup>2</sup>	23 310	6 760	11 800	4 750	pounds harvested <sup>2</sup>	393	270	123	-
Sales	18 040 pounds	4 060	10 000	3 980	Sales <sup>2</sup>	243	120	123	-
dollars	16 748	3 836	9 080	3 832	dollars	148	80	68	-
Watermelons	23 farms	7	11	5	Tangerines	33 farms	21	9	3
acres	74	11	55	8	trees	509	131	366	12
pounds harvested <sup>2</sup>	191 665	23 700	126 950	41 015	pounds harvested <sup>2</sup>	6 209	948	5 236	25
Sales	190 752 pounds	23 450	126 300	41 002	Sales <sup>2</sup>	4 086	400	3 686	-
dollars	80 231	10 710	56 520	13 001	dollars	2 218	212	2 006	-
Yams	17 farms	11	4	2	Other fruits, nuts, and tree crops	15 farms	12	2	1
acres	11	9	(D)	(D)	trees or plants	770	261	(D)	(D)
pounds harvested <sup>2</sup>	32 343	28 800	(D)	(D)	pounds harvested <sup>2</sup>	405	(D)	(D)	-
Sales	28 348 pounds	26 300	2 048	-	Sales <sup>2</sup>	(D)	(D)	-	-
dollars	28 625	26 300	2 325	-	dollars	(D)	(D)	-	-
Other field crops and vegetables	34 farms	17	8	9	Ornamental plants and other nursery products <sup>2</sup>	8 farms	3	3	2
acres	67	19	28	20	sq ft under cover	19 160	(D)	7 560	(D)
pounds harvested <sup>2</sup>	170 995	35 795	92 900	42 300	acres	1	(D)	-	(D)
Sales	160 100 pounds	35 100	88 800	36 200	Sales	58 885	(D)	4 335	(D)
dollars	115 817	26 022	59 900	29 895	dollars	-	-	-	-
<b>FRUITS, NUTS, AND TREE CROPS</b>					<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>				
Avocados	24 farms	13	10	1	Cattle and calves of all ages	36 farms	11	15	10
trees	134	92	(D)	(D)	number	4 513	165	436	3 912
pounds harvested <sup>2</sup>	3 935	3 085	850	-	Sales <sup>2</sup>	702	24	97	581
Sales	2 175 pounds	1 875	300	-	dollars	329 598	12 000	39 998	277 600
dollars	1 680	1 500	180	-	Milk cows	6 farms	1	4	1
Bananas	69 farms	41	14	14	number	80	(D)	(D)	(D)
clusters	22 800	7 334	10 645	4 821	number	22	-	22	-
pounds harvested <sup>2</sup>	102 091	21 293	57 318	23 480	dollars	13 200	-	13 200	-
Sales	32 494 pounds	14 494	10 000	8 000	Other cattle and calves	33 farms	10	13	10
dollars	18 100	8 040	6 120	3 940	number	4 433	(D)	(D)	(D)
Betelnuts	38 farms	22	9	7	number	680	24	75	581
trees	8 142	5 566	1 044	1 532	dollars	316 398	12 000	26 798	277 600
pounds harvested <sup>2</sup>	82 947	75 327	5 010	2 610	Hogs and pigs of all ages	66 farms	37	14	15
Sales	81 872 pounds	75 172	5 000	1 700	number	1 260	663	169	428
dollars	90 186	81 986	5 000	3 200	Sales <sup>2</sup>	360	286	34	40
Breadfruits	33 farms	17	11	5	dollars	33 565	25 745	(D)	(D)
trees	475	89	66	320	Goats and kids of all ages	21 farms	10	6	5
pounds harvested <sup>2</sup>	15 010	860	3 150	11 000	number	482	169	64	249
Sales	2 600 pounds	100	2 500	-	Sales <sup>2</sup>	8	4	4	-
dollars	1 510	60	1 450	-	dollars	(D)	(D)	(D)	-
Coconuts	59 farms	35	14	10	Horses, mules, and colts of all ages	2 farms	1	-	1
trees	7 903	2 189	1 413	4 301	number	(D)	(D)	-	(D)
pounds harvested <sup>2</sup>	66 118	19 678	9 600	36 840	number	(D)	-	-	(D)
Sales	2 783 pounds	1 783	1 000	-	dollars	(D)	-	-	(D)
dollars	1 195	595	600	-	Other livestock	4 farms	3	1	-
Green oranges	27 farms	18	6	3	number	32	(D)	(D)	-
trees	522	400	96	26	number	(D)	(D)	-	-
pounds harvested <sup>2</sup>	1 732	627	1 100	5	dollars	(D)	(D)	-	-
Sales	(D) pounds	(D)	-	-	Livestock sales <sup>2</sup>	37 farms	19	8	10
dollars	(D)	(D)	-	-	dollars	367 383	41 165	42 858	283 360
Guavas	29 farms	17	8	4	<b>POULTRY AND POULTRY PRODUCTS</b>				
trees	229	78	92	59	Chickens	63 farms	34	15	14
pounds harvested <sup>2</sup>	322	262	60	-	number	9 580	1 684	3 913	3 983
Sales	72 pounds	72	-	-	Sales <sup>2</sup>	1 305	74	1 231	-
dollars	54	54	-	-	dollars	6 690	2 715	3 975	-
Lemons	48 farms	29	10	9	Other poultry	18 farms	9	7	2
trees	423	193	160	70	number	562	263	(D)	(D)
pounds harvested <sup>2</sup>	5 153	2 013	3 070	70	Sales <sup>2</sup>	(D)	-	(D)	-
Sales	2 728 pounds	1 153	1 550	25	dollars	(D)	-	(D)	-
dollars	1 776	751	1 010	15	Chicken egg sales <sup>2</sup>	2 farms	1	-	1
Limes	13 farms	8	3	2	dozens	(D)	(D)	-	(D)
trees	112	(D)	81	(D)	dollars	(D)	(D)	-	(D)
pounds harvested <sup>2</sup>	3 162	(D)	3 060	(D)	Poultry and egg sales <sup>2</sup>	8 farms	3	4	1
Sales	3 022 pounds	22	3 000	-	dollars	12 115	(D)	(D)	(D)
dollars	2 720	20	2 700	-	FISH <sup>2</sup>	-	-	-	-
Mangoes	45 farms	29	10	6	Caught	3 farms	1	-	2
trees	527	219	154	154	number	1 600	(D)	-	(D)
pounds harvested <sup>2</sup>	7 859	6 635	1 074	150	Sales	-	-	-	-
Sales	3 489 pounds	2 665	824	-	dollars	-	-	-	-
dollars	4 644	3 440	1 204	-					

<sup>1</sup>Detail may not add to total due to rounding.  
<sup>2</sup>Data are for 1989.

**Table 22. Summary by Size of Farm: 1990**

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

Item	Total	Less than 1 acre	1 to 2 acres	3 to 4 acres	5 to 7 acres	8 to 9 acres	10 to 19 acres	20 to 39 acres	40 to 49 acres	50 acres or more
<b>FARMS AND LAND IN FARMS</b>										
Farms..... number.....	119	10	21	17	22	3	16	10	3	17
Percent of farms.....	100.0	8.4	17.6	14.3	18.5	2.5	13.4	8.4	2.5	14.3
Land in farms <sup>1</sup> ..... acres.....	14 421	4	40	66	128	25	234	257	129	13 538
Percent distribution.....	100.0	-	.3	.5	.9	.2	1.6	1.8	.9	93.9
Average size of farm..... acres.....	121.2	4	1.9	3.9	5.8	8.4	14.6	25.7	42.8	796.4
<b>LAND USE</b>										
Cropland..... farms.....	113	7	19	17	21	3	16	10	3	17
..... acres <sup>1</sup> .....	4 742	3	28	48	79	17	153	104	39	4 272
Used for crops..... farms.....	110	7	19	17	21	3	16	10	2	15
..... acres.....	439	3	(D)	38	55	(D)	79	(D)	(D)	128
Used for other purposes..... farms.....	40	-	1	7	10	2	10	1	2	7
..... acres.....	4 304	-	(D)	10	23	(D)	74	(D)	(D)	4 143
Pastureland, except cropland pastured..... farms.....	48	1	5	4	7	1	7	6	3	14
..... acres.....	4 361	(D)	4	10	22	(D)	49	94	(D)	4 108
Other land..... farms.....	68	4	9	9	15	2	10	6	2	11
..... acres.....	5 318	(D)	9	7	28	(D)	32	59	(D)	5 159
<b>TENURE OF OPERATOR</b>										
Operators..... farms.....	119	10	21	17	22	3	16	10	3	17
..... acres.....	14 421	4	40	66	128	25	234	257	129	13 538
Full owners..... farms.....	67	7	14	12	16	3	9	(D)	-	(D)
..... acres.....	533	3	(D)	46	95	25	128	4	3	10
Part owners..... farms.....	24	-	2	1	1	-	3	105	129	(D)
..... acres.....	2 538	-	(D)	(D)	(D)	-	50	2	-	5
Tenants..... farms.....	28	3	5	4	5	-	4	(D)	-	11 185
..... acres.....	11 350	1	10	(D)	(D)	-	57	-	-	-
<b>FARMS BY SIZE</b>										
Farms.....	119	10	21	17	22	3	16	10	3	17
Less than 1 acre.....	10	10	-	-	-	-	-	-	-	-
1 to 2 acres.....	21	-	21	-	-	-	-	-	-	-
3 to 4 acres.....	17	-	-	17	-	-	-	-	-	-
5 to 7 acres.....	22	-	-	-	22	-	-	-	-	-
8 to 9 acres.....	3	-	-	-	-	3	-	-	-	-
10 to 19 acres.....	16	-	-	-	-	-	16	-	-	-
20 to 39 acres.....	10	-	-	-	-	-	-	10	-	-
40 to 49 acres.....	3	-	-	-	-	-	-	-	3	-
50 acres or more.....	17	-	-	-	-	-	-	-	-	17
<b>FARMS BY TYPE OF HOLDING</b>										
Home consumption holding.....	36	4	4	6	7	1	4	3	1	6
Sale holdings.....	83	6	17	11	15	2	12	7	2	11
Crop.....	51	2	12	8	12	1	8	5	-	3
Livestock and/or poultry.....	13	4	1	-	-	1	1	2	1	3
Mixed.....	15	-	2	2	2	-	3	-	1	5
Other.....	4	-	2	1	1	-	-	-	-	-
<b>OPERATOR CHARACTERISTICS</b>										
Operators by place of residence:										
On farm operated.....	45	5	12	9	7	-	5	3	1	3
Not on farm operated.....	74	5	9	8	15	3	11	7	2	14
Operators by years on present farm:										
Less than 2 years.....	20	2	7	2	2	-	2	1	1	3
2 to 4 years.....	38	3	6	6	9	1	6	2	-	5
5 to 9 years.....	22	-	5	6	4	-	4	1	1	1
10 years or more.....	39	5	3	3	7	2	4	6	1	8
Operators by age group:										
Under 25 years.....	1	-	-	-	-	-	1	-	-	2
25 to 34 years.....	17	3	3	3	3	1	7	-	-	5
35 to 44 years.....	45	2	11	6	8	1	7	5	-	7
45 to 54 years.....	34	2	5	7	7	1	1	3	1	1
55 to 64 years.....	15	3	2	-	3	-	2	-	1	2
65 years and over.....	7	-	-	1	1	-	-	-	-	-
Average age.....	45	45	42	44	45	40	46	47	60	47
Operators by main occupation:										
Agricultural..... number.....	42	-	9	6	10	-	6	5	1	5
..... acres.....	10 617	-	(D)	22	60	-	90	130	(D)	10 251
Nonagricultural..... number.....	77	10	12	11	12	3	10	5	2	12
..... acres.....	3 804	4	(D)	44	69	25	144	127	(D)	3 288
Operators by days of work off farm: <sup>2</sup>										
None.....	24	5	3	4	4	-	2	3	-	3
Any.....	95	5	18	13	18	3	14	7	3	14
1 to 49 days.....	12	1	4	2	2	-	1	1	-	1
50 to 99 days.....	12	-	2	-	2	-	1	3	1	3
100 to 149 days.....	12	-	4	2	3	1	1	-	-	1
150 to 199 days.....	6	-	-	1	1	-	1	1	1	1
200 days or more.....	53	4	8	8	10	2	10	2	1	8
<b>FARMS BY TRACTS OR PIECES OF LAND</b>										
1 tract.....	70	10	18	13	15	2	8	1	-	3
2 tracts.....	29	-	2	4	3	1	5	6	1	7
3 tracts or more.....	20	-	1	-	4	-	3	3	2	7
<b>SELECTED EQUIPMENT</b>										
Tractors of all kinds..... farms.....	31	-	1	5	5	3	6	3	1	7
..... number.....	43	-	(D)	(D)	5	3	7	3	(D)	17
Motortrucks..... farms.....	21	-	-	1	2	1	6	4	-	7
..... number.....	29	-	-	(D)	(D)	(D)	8	6	-	11
Automobiles..... farms.....	62	5	12	13	9	2	5	6	2	8
..... number.....	84	7	18	15	13	(D)	6	8	(D)	12

See footnotes at end of table.

Table 22. Summary by Size of Farm: 1990—Con.

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

Item	Total	Less than 1 acre	1 to 2 acres	3 to 4 acres	5 to 7 acres	8 to 9 acres	10 to 19 acres	20 to 39 acres	40 to 49 acres	50 acres or more
<b>FARMS BY SPECIFIED FACILITIES</b>										
Electricity.....	53	5	13	11	10	-	7	3	1	3
No electricity.....	66	5	8	6	12	3	9	7	2	14
Piped running water.....	71	9	16	9	14	1	7	7	2	6
No piped running water.....	48	1	5	8	8	2	9	3	1	11
<b>VALUE OF AGRICULTURAL PRODUCTS SOLD<sup>2</sup></b>										
Total sales..... farms.....	119	10	21	17	22	3	16	10	3	17
dollars.....	1 063 950	13 642	130 864	104 110	89 617	16 350	159 217	149 215	6 423	394 512
Average per farm.....	8 941	1 364	6 232	6 124	4 074	5 450	9 951	14 922	2 141	23 207
Farms by value of sales:										
\$100 to \$499..... farms.....	28	2	5	4	6	1	4	2	1	3
dollars.....	6 861	(D)	1 236	833	1 452	(D)	1 440	(D)	(D)	660
\$500 to \$1,199..... farms.....	15	3	4	1	2	-	2	2	-	1
dollars.....	12 644	2 442	3 467	(D)	(D)	-	(D)	(D)	-	(D)
\$1,200 to \$2,499..... farms.....	22	4	2	5	4	-	3	2	1	1
dollars.....	40 518	7 800	(D)	8 877	6 546	-	4 734	(D)	(D)	(D)
\$2,500 to \$4,999..... farms.....	23	1	5	1	6	1	4	1	1	3
dollars.....	73 930	(D)	14 925	(D)	17 894	(D)	13 138	(D)	(D)	9 500
\$5,000 to \$7,499..... farms.....	5	-	2	-	1	-	-	-	-	2
dollars.....	32 386	-	(D)	-	(D)	-	-	-	-	(D)
\$7,500 to \$9,999..... farms.....	3	-	-	2	-	-	-	-	-	1
dollars.....	24 840	-	-	(D)	-	-	-	-	-	(D)
\$10,000 or more..... farms.....	23	-	3	4	3	1	3	3	-	6
dollars.....	872 771	-	94 860	73 840	54 490	(D)	(D)	137 905	-	361 091
<b>SALES BY COMMODITY GROUP OR PRODUCT<sup>2</sup></b>										
Field crops, melons, and vegetables..... farms.....	71	3	15	10	16	2	11	5	2	7
dollars.....	470 226	(D)	39 478	73 421	75 515	(D)	88 666	128 145	(D)	48 664
Fruits and nuts..... farms.....	47	3	6	10	10	-	8	5	1	4
dollars.....	155 341	2 830	82 811	25 514	10 562	-	8 671	(D)	(D)	(D)
Ornamental plants and other nursery products..... farms.....	8	1	2	2	-	-	2	1	-	-
dollars.....	58 885	(D)	(D)	(D)	-	-	(D)	(D)	-	-
Livestock..... farms.....	37	4	3	2	6	1	4	3	2	12
dollars.....	367 383	6 200	7 180	(D)	3 540	(D)	6 675	5 110	(D)	331 010
Poultry and eggs..... farms.....	8	1	1	-	-	-	2	1	1	2
dollars.....	12 115	(D)	(D)	-	-	-	(D)	(D)	(D)	(D)
Fish..... farms.....	-	-	-	-	-	-	-	-	-	-
dollars.....	-	-	-	-	-	-	-	-	-	-
<b>FARMS BY SOURCE OF FINANCING</b>										
Operator:										
1 to 49 percent.....	-	-	-	-	-	-	-	-	-	-
50 to 99 percent.....	3	-	1	-	2	-	-	-	-	-
100 percent.....	107	10	19	16	19	3	13	10	3	14
Private:										
1 to 49 percent.....	2	-	-	1	1	-	-	-	-	-
50 to 99 percent.....	1	-	-	-	-	-	-	-	-	1
100 percent.....	4	-	1	-	-	-	2	-	-	1
Commercial:										
1 to 49 percent.....	1	-	-	-	-	-	-	-	-	1
50 to 99 percent.....	1	-	-	1	-	-	-	-	-	-
100 percent.....	2	-	-	-	1	-	-	-	-	1
Government:										
1 to 49 percent.....	1	-	-	-	-	-	-	-	-	1
50 to 99 percent.....	1	-	1	-	-	-	-	-	-	-
100 percent.....	1	-	-	-	-	-	1	-	-	-
Other:										
1 to 49 percent.....	1	-	-	-	1	-	-	-	-	-
50 to 99 percent.....	-	-	-	-	-	-	-	-	-	-
100 percent.....	-	-	-	-	-	-	-	-	-	-
<b>FIELD CROPS, MELONS, AND VEGETABLES<sup>2</sup></b>										
Cassava..... farms.....	8	-	1	1	-	-	1	2	-	3
acres.....	8	-	(D)	(D)	-	-	(D)	(D)	-	2
pounds harvested.....	15 800	-	(D)	(D)	-	-	(D)	(D)	-	2 100
Sales..... pounds.....	13 910	-	-	(D)	-	-	(D)	(D)	-	1 100
dollars.....	9 163	-	-	(D)	-	-	(D)	(D)	-	340
Chinese cabbage..... farms.....	39	2	7	4	12	1	5	2	1	5
acres.....	22	(D)	4	2	8	(D)	4	(D)	(D)	1
pounds harvested.....	71 468	(D)	14 360	8 078	26 385	(D)	11 985	(D)	(D)	3 090
Sales..... pounds.....	67 687	(D)	14 080	7 028	25 940	-	11 985	(D)	(D)	2 650
dollars.....	44 021	(D)	13 126	3 548	16 372	-	6 120	(D)	(D)	1 340
Corn..... farms.....	10	-	-	1	3	-	1	2	1	2
acres.....	4	-	-	(D)	(Z)	-	(D)	(D)	(D)	(D)
pounds harvested.....	3 765	-	-	(D)	715	-	(D)	(D)	(D)	(D)
Sales..... pounds.....	2 432	-	-	-	702	-	-	(D)	(D)	(D)
dollars.....	1 571	-	-	-	341	-	-	(D)	(D)	(D)
Cucumbers..... farms.....	45	2	7	7	10	1	9	3	1	5
acres.....	39	(D)	4	11	5	(D)	5	8	(D)	6
pounds harvested.....	182 673	(D)	5 180	59 108	24 215	(D)	19 675	26 000	(D)	46 300
Sales..... pounds.....	159 015	-	(D)	40 638	24 102	-	19 175	25 000	(D)	45 200
dollars.....	55 681	-	(D)	16 405	11 981	-	6 170	8 700	(D)	10 890
Eggplant..... farms.....	39	1	6	4	12	-	6	4	-	6
acres.....	18	(D)	(D)	1	5	-	3	4	-	4
pounds harvested.....	50 480	(D)	(D)	2 100	16 805	-	7 000	11 960	-	11 425
Sales..... pounds.....	46 176	(D)	(D)	1 950	16 013	-	6 980	11 960	-	8 158
dollars.....	28 729	(D)	(D)	1 492	10 475	-	4 985	7 325	-	3 769

See footnotes at end of table.



Table 22. Summary by Size of Farm: 1990—Con.

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

Item	Total	Less than 1 acre	1 to 2 acres	3 to 4 acres	5 to 7 acres	8 to 9 acres	10 to 19 acres	20 to 39 acres	40 to 49 acres	50 acres or more
<b>FIELD CROPS, MELONS, AND VEGETABLES<sup>2</sup>—Con.</b>										
Melons, excluding watermelons										
farms.....	19	-	3	-	4	-	3	4	-	5
acres.....	53	-	1	-	4	-	6	37	-	5
pounds harvested <sup>2</sup> .....	171 100	-	3 700	-	9 800	-	39 250	101 050	-	17 300
pounds.....	158 450	-	3 700	-	9 600	-	39 150	89 000	-	17 000
dollars.....	79 590	-	2 000	-	6 830	-	24 260	38 500	-	8 000
Sweetpotatoes										
farms.....	19	1	4	3	4	1	2	1	-	3
acres.....	17	(D)	2	3	9	(D)	(D)	(D)	-	1
pounds harvested <sup>2</sup> .....	22 584	(D)	2 560	4 200	11 800	(D)	(D)	(D)	-	1 274
pounds.....	16 679	(D)	2 080	3 500	7 500	(D)	(D)	(D)	-	1 274
dollars.....	10 050	(D)	2 120	1 700	4 100	(D)	(D)	(D)	-	570
Taro										
farms.....	32	-	9	6	5	1	5	2	1	3
acres.....	24	-	5	3	5	(D)	4	(D)	(D)	1
pounds harvested <sup>2</sup> .....	23 310	-	6 850	3 250	4 090	(D)	2 560	(D)	(D)	900
pounds.....	18 040	-	5 550	2 130	3 260	-	1 900	(D)	(D)	450
dollars.....	16 748	-	5 180	1 973	2 740	-	1 975	(D)	(D)	330
Watermelons										
farms.....	23	-	4	-	6	-	3	4	1	5
acres.....	74	-	(D)	-	11	-	7	41	(D)	9
pounds harvested <sup>2</sup> .....	191 665	-	(D)	-	23 815	-	34 000	78 000	(D)	20 600
pounds.....	190 752	-	(D)	-	23 752	-	34 000	77 500	(D)	20 600
dollars.....	80 231	-	(D)	-	11 176	-	17 220	31 350	(D)	11 100
Yams										
farms.....	17	1	3	2	3	-	1	3	-	4
acres.....	11	(D)	1	(D)	1	-	(D)	2	-	1
pounds harvested <sup>2</sup> .....	32 343	(D)	1 095	(D)	700	-	(D)	1 850	-	2 648
pounds.....	28 348	-	1 000	(D)	(D)	-	-	1 200	-	848
dollars.....	28 625	-	1 000	(D)	(D)	-	-	1 200	-	1 125
Other field crops and vegetables										
farms.....	34	2	5	5	6	2	5	4	-	4
acres.....	67	(D)	4	12	12	(D)	9	18	-	4
pounds harvested <sup>2</sup> .....	170 995	(D)	6 110	36 895	16 400	(D)	35 565	45 750	-	17 150
pounds.....	160 100	(D)	6 055	30 720	16 400	(D)	35 365	42 400	-	16 400
dollars.....	115 817	(D)	4 825	22 983	11 400	(D)	27 733	25 670	-	10 750
<b>FRUITS, NUTS, AND TREE CROPS</b>										
Avocados										
farms.....	24	2	2	5	2	-	3	4	1	5
trees.....	134	(D)	(D)	30	(D)	-	45	16	(D)	21
pounds harvested <sup>2</sup> .....	3 935	-	(D)	100	(D)	-	2 175	300	-	350
pounds.....	2 175	-	-	-	-	-	2 175	-	-	-
dollars.....	1 680	-	-	-	-	-	1 680	-	-	-
Bananas										
farms.....	69	6	10	9	14	3	8	5	1	13
clusters.....	22 800	(D)	1 322	2 744	3 599	80	1 641	1 927	(D)	11 212
pounds harvested <sup>2</sup> .....	102 091	(D)	9 247	7 310	2 369	320	2 680	18 600	(D)	60 250
pounds.....	32 494	(D)	8 369	5 900	1 525	-	600	10 000	(D)	5 700
dollars.....	18 100	(D)	3 545	3 525	1 220	-	300	6 140	(D)	3 170
Betelnuts										
farms.....	38	3	6	8	6	-	5	4	-	6
trees.....	8 142	183	3 285	490	240	-	1 021	1 990	-	933
pounds harvested <sup>2</sup> .....	82 947	1 100	73 330	1 310	130	-	1 257	200	-	5 620
pounds.....	81 872	1 100	73 330	1 240	65	-	937	200	-	5 000
dollars.....	90 186	2 400	78 686	1 900	100	-	1 900	200	-	5 000
Breadfruits										
farms.....	33	3	2	5	5	-	4	4	1	9
trees.....	475	9	(D)	16	23	-	221	37	(D)	155
pounds harvested <sup>2</sup> .....	15 010	100	(D)	530	100	-	5 580	150	(D)	8 300
pounds.....	2 600	-	-	-	100	-	500	-	-	2 000
dollars.....	1 510	-	-	-	60	-	250	-	-	1 200
Coconuts										
farms.....	59	6	6	8	10	2	11	4	1	11
trees.....	7 903	268	146	438	350	(D)	1 758	503	(D)	4 340
pounds harvested <sup>2</sup> .....	66 118	520	2 450	6 700	873	(D)	13 275	600	(D)	40 800
pounds.....	2 783	-	150	-	333	-	2 300	-	-	-
dollars.....	1 195	-	45	-	100	-	1 050	-	-	-
Green oranges										
farms.....	27	1	2	5	5	1	4	2	1	6
trees.....	522	(D)	(D)	319	28	(D)	24	(D)	(D)	77
pounds harvested <sup>2</sup> .....	1 732	-	(D)	65	10	(D)	220	(D)	-	1 100
pounds.....	(D)	-	(D)	-	-	-	-	-	-	-
dollars.....	(D)	-	(D)	-	-	-	-	-	-	-
Guavas										
farms.....	29	4	4	5	3	-	5	3	1	4
trees.....	229	12	24	25	(D)	-	14	13	(D)	115
pounds harvested <sup>2</sup> .....	322	10	85	122	-	-	18	37	-	50
pounds.....	72	-	-	72	-	-	-	-	-	-
dollars.....	54	-	-	54	-	-	-	-	-	-
Lemons										
farms.....	48	2	7	8	9	1	9	4	1	7
trees.....	423	(D)	42	33	93	(D)	67	87	(D)	54
pounds harvested <sup>2</sup> .....	5 153	(D)	298	200	1 035	-	630	2 630	(D)	320
pounds.....	2 728	-	203	25	840	-	310	1 250	-	100
dollars.....	1 776	-	220	15	470	-	171	800	-	100
Limes										
farms.....	13	-	2	3	3	-	1	2	-	2
trees.....	112	-	(D)	16	8	-	(D)	(D)	-	(D)
pounds harvested <sup>2</sup> .....	3 162	-	(D)	-	30	-	-	(D)	-	(D)
pounds.....	3 022	-	(D)	-	-	-	-	(D)	-	-
dollars.....	2 720	-	(D)	-	-	-	-	(D)	-	-
Mangoes										
farms.....	45	4	6	8	8	1	6	3	1	8
trees.....	527	37	21	101	35	(D)	203	(D)	(D)	103
pounds harvested <sup>2</sup> .....	7 859	1 000	50	2 765	325	(D)	2 905	(D)	(D)	424
pounds.....	3 489	220	-	2 065	-	-	880	-	-	324
dollars.....	4 644	100	-	2 900	-	-	1 240	-	-	404
Papayas										
farms.....	45	2	6	7	11	1	4	3	1	10
trees.....	2 905	(D)	100	559	888	(D)	75	345	(D)	875
pounds harvested <sup>2</sup> .....	31 080	(D)	370	8 670	10 300	(D)	150	6 350	(D)	4 440
pounds.....	18 165	(D)	(D)	3 900	9 715	-	-	3 000	-	1 350
dollars.....	12 775	(D)	(D)	1 340	8 590	-	-	2 000	-	615

See footnotes at end of table.

Table 22. Summary by Size of Farm: 1990—Con.

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

Item	Total	Less than 1 acre	1 to 2 acres	3 to 4 acres	5 to 7 acres	8 to 9 acres	10 to 19 acres	20 to 39 acres	40 to 49 acres	50 acres or more
<b>FRUITS, NUTS, AND TREE CROPS</b>										
—Con.										
Pineapples..... farms..	15	-	2	3	1	-	5	1	-	3
plants..	9 299	-	(D)	1 150	(D)	-	5 246	(D)	-	2 800
number harvested <sup>2</sup> ..	4 533	-	(D)	1 040	-	-	2 250	(D)	-	1 230
Sales <sup>2</sup> ..... number..	4 020	-	-	1 020	-	-	2 000	-	-	1 000
dollars..	3 280	-	-	780	-	-	2 000	-	-	500
Starfruits..... farms..	13	-	2	2	4	1	3	-	-	1
trees..	37	-	(D)	(D)	7	(D)	16	-	-	(D)
pounds harvested <sup>2</sup> ..	393	-	(D)	(D)	-	(D)	80	-	-	(D)
Sales <sup>2</sup> ..... pounds..	243	-	(D)	-	-	-	40	-	-	(D)
dollars..	148	-	(D)	-	-	-	40	-	-	(D)
Tangerines..... farms..	33	4	3	5	5	1	6	4	-	5
trees..	509	34	(D)	21	13	(D)	29	361	-	43
pounds harvested <sup>2</sup> ..	6 209	408	(D)	97	30	(D)	300	5 103	-	236
Sales <sup>2</sup> ..... pounds..	4 086	300	-	-	20	-	80	3 500	-	186
dollars..	2 218	150	-	-	22	-	40	1 900	-	106
Other fruits, nuts, and tree crops..... farms..	15	-	3	4	2	2	1	1	1	1
trees or plants..	770	-	8	81	(D)	(D)	(D)	(D)	(D)	(D)
pounds harvested <sup>2</sup> ..	405	-	10	335	-	(D)	-	(D)	(D)	-
Sales <sup>2</sup> ..... pounds..	(D)	-	-	(D)	-	-	-	-	-	-
dollars..	(D)	-	-	(D)	-	-	-	-	-	-
Ornamental plants and other nursery products <sup>2</sup> ..... farms..	8	1	2	2	-	-	2	1	-	-
sq ft under cover..	19 160	(D)	(D)	(D)	-	-	(D)	(D)	-	-
acres..	1	(D)	(D)	(D)	-	-	(D)	(D)	-	-
Sales..... dollars..	58 885	(D)	(D)	(D)	-	-	(D)	(D)	-	-
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>										
Cattle and calves of all ages..... farms..	36	-	4	1	3	-	5	6	2	15
number..	4 513	-	15	(D)	33	-	64	79	(D)	4 282
Sales <sup>2</sup> ..... number..	702	-	-	-	(D)	-	6	10	(D)	679
dollars..	329 598	-	-	-	(D)	-	2 400	4 000	(D)	320 300
Milk cows..... farms..	6	-	-	-	-	-	1	2	-	3
number..	80	-	-	-	-	-	(D)	(D)	-	53
Sales <sup>2</sup> ..... number..	22	-	-	-	-	-	-	-	-	22
dollars..	13 200	-	-	-	-	-	-	-	-	13 200
Other cattle and calves..... farms..	33	-	4	1	3	-	5	4	2	14
number..	4 433	-	15	(D)	33	-	(D)	(D)	(D)	4 229
Sales <sup>2</sup> ..... number..	680	-	-	-	(D)	-	6	10	(D)	657
dollars..	316 398	-	-	-	(D)	-	2 400	4 000	(D)	307 100
Hogs and pigs of all ages..... farms..	66	8	9	8	9	1	10	5	2	14
number..	1 260	150	156	62	144	(D)	200	190	(D)	318
Sales <sup>2</sup> ..... number..	360	86	39	-	43	(D)	41	13	(D)	78
dollars..	33 565	6 200	4 180	-	(D)	(D)	4 275	1 110	(D)	9 910
Goats and kids of all ages..... farms..	21	-	3	2	2	1	3	3	-	7
number..	482	-	25	(D)	(D)	(D)	38	43	-	268
Sales <sup>2</sup> ..... number..	6	-	-	(D)	-	-	-	-	-	(D)
dollars..	(D)	-	-	(D)	-	-	-	-	-	(D)
Horses, mules, and colts of all ages..... farms..	2	-	-	-	-	-	1	-	-	1
number..	(D)	-	-	-	-	-	(D)	-	-	(D)
Sales <sup>2</sup> ..... number..	(D)	-	-	-	-	-	-	-	-	(D)
dollars..	(D)	-	-	-	-	-	-	-	-	(D)
Other livestock..... farms..	4	-	2	-	-	-	-	1	-	1
number..	32	-	(D)	-	-	-	-	(D)	-	(D)
Sales <sup>2</sup> ..... number..	(D)	-	(D)	-	-	-	-	-	-	-
dollars..	(D)	-	(D)	-	-	-	-	-	-	-
Livestock sales <sup>2</sup> ..... farms..	37	4	3	2	6	1	4	3	2	12
dollars..	367 383	6 200	(D)	(D)	3 540	(D)	6 675	5 110	(D)	331 010
<b>POULTRY AND POULTRY PRODUCTS</b>										
Chickens..... farms..	63	6	11	8	8	2	7	8	1	12
number..	9 580	132	435	257	318	(D)	4 253	560	(D)	3 535
Sales <sup>2</sup> ..... number..	1 305	(D)	(D)	-	-	-	(D)	(D)	-	(D)
dollars..	6 690	(D)	(D)	-	-	-	(D)	(D)	-	(D)
Other poultry..... farms..	18	-	4	4	4	1	-	2	1	2
number..	562	-	169	204	73	(D)	-	(D)	(D)	(D)
Sales <sup>2</sup> ..... number..	(D)	-	-	-	-	-	-	-	(D)	-
dollars..	(D)	-	-	-	-	-	-	-	(D)	-
Chicken egg sales <sup>2</sup> ..... farms..	2	-	-	-	-	-	2	-	-	-
dozens..	(D)	-	-	-	-	-	(D)	-	-	-
dollars..	(D)	-	-	-	-	-	(D)	-	-	-
Poultry and egg sales <sup>2</sup> ..... farms..	8	1	1	-	-	-	2	1	1	2
dollars..	12 115	(D)	(D)	-	-	-	(D)	(D)	(D)	(D)
<b>FISH<sup>2</sup></b>										
Caught..... farms..	3	1	-	-	-	-	1	-	-	1
pounds..	1 600	(D)	-	-	-	-	(D)	-	-	(D)
Sales..... pounds..	-	-	-	-	-	-	-	-	-	-
dollars..	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Detail may not add to total due to rounding  
<sup>2</sup>Data are for 1989

**Table 23. Summary by Age of Operator: 1990**

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

Item	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
<b>FARMS AND LAND IN FARMS</b>							
Farms..... number.....	119	1	17	45	34	15	7
Percent of farms.....	100.0	(D)	(D)	37.8	28.6	12.6	5.9
Land in farms <sup>1</sup> ..... acres.....	14 421	(D)	(D)	778	10 689	1 406	1 334
Percent distribution.....	100.0	(D)	(D)	5.4	74.1	9.7	9.3
Average size of farm..... acres.....	121.2	(D)	(D)	17.3	314.4	93.7	190.6
<b>LAND USE</b>							
Cropland..... farms.....	113	1	16	43	32	14	7
Used for crops..... acres <sup>1</sup> .....	4 742	(D)	119	250	3 036	(D)	1 249
Used for other purposes..... farms.....	110	1	16	43	31	14	5
..... acres.....	439	(D)	70	170	127	(D)	11
Pastureland, except cropland pastured..... farms.....	40	-	4	13	12	7	4
..... acres.....	4 304	-	49	80	2 908	29	1 238
Other land..... farms.....	48	1	4	18	15	6	4
..... acres.....	4 361	(D)	68	452	2 524	1 248	(D)
Tenants..... farms.....	68	1	9	28	19	8	3
..... acres.....	5 318	(D)	12	75	5 130	(D)	(D)
<b>TENURE OF OPERATOR</b>							
Operators..... farms.....	119	1	17	45	34	15	7
..... acres.....	14 421	(D)	(D)	778	10 689	1 406	1 334
Full owners..... farms.....	67	-	8	25	10	10	2
..... acres.....	533	-	(D)	241	168	70	(D)
Part owners..... farms.....	24	-	4	10	4	4	2
..... acres.....	2 538	-	138	484	525	(D)	(D)
Tenants..... farms.....	28	1	5	10	8	1	3
..... acres.....	11 350	(D)	(D)	53	9 997	(D)	1 270
<b>FARMS BY SIZE</b>							
Farms.....	119	1	17	45	34	15	7
Less than 1 acre.....	10	-	3	2	2	3	-
1 to 2 acres.....	21	-	3	11	5	2	-
3 to 4 acres.....	17	-	3	6	7	-	1
5 to 7 acres.....	22	-	3	8	7	3	1
8 to 9 acres.....	3	-	1	1	1	-	-
10 to 19 acres.....	16	1	2	7	1	3	2
20 to 39 acres.....	10	-	-	5	3	2	-
40 to 49 acres.....	3	-	-	-	1	1	1
50 acres or more.....	17	-	2	5	7	1	2
<b>FARMS BY TYPE OF HOLDING</b>							
Home consumption holding.....	36	1	4	13	9	6	3
Sale holdings.....	83	-	13	32	25	9	4
Crop.....	51	-	9	21	16	4	1
Livestock and/or poultry.....	13	-	2	4	3	2	2
Mixed.....	15	-	1	7	4	2	1
Other.....	4	-	1	-	2	1	-
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated.....	45	1	3	22	11	7	1
Not on farm operated.....	74	-	14	23	23	8	6
Operators by years on present farm:							
Less than 2 years.....	20	-	4	9	3	2	2
2 to 4 years.....	38	1	10	16	7	3	1
5 to 9 years.....	22	-	2	8	10	2	-
10 years or more.....	39	-	1	12	14	8	4
Operators by age group:							
Under 25 years.....	1	1	-	-	-	-	-
25 to 34 years.....	17	-	17	-	-	-	-
35 to 44 years.....	45	-	-	45	-	-	-
45 to 54 years.....	34	-	-	-	34	-	-
55 to 64 years.....	15	-	-	-	-	15	-
65 years and over.....	7	-	-	-	-	-	7
Average age.....	45	23	30	40	50	59	68
Operators by main occupation:							
Agricultural..... number.....	42	-	1	15	18	6	2
..... acres.....	10 617	-	(D)	226	10 250	117	(D)
Nonagricultural..... number.....	77	1	16	30	16	9	5
..... acres.....	3 804	(D)	(D)	552	440	1 288	(D)
Operators by days of work off farm: <sup>2</sup>							
None.....	24	-	2	11	8	3	-
Any.....	95	1	15	34	26	12	7
1 to 49 days.....	12	-	2	2	4	3	1
50 to 99 days.....	12	-	-	6	2	3	1
100 to 149 days.....	12	-	4	4	3	1	-
150 to 199 days.....	6	-	2	1	2	1	-
200 days or more.....	53	1	7	21	15	4	5
<b>FARMS BY TRACTS OR PIECES OF LAND</b>							
1 tract.....	70	1	11	25	23	9	1
2 tracts.....	29	-	5	10	7	4	3
3 tracts or more.....	20	-	1	10	4	2	3
<b>SELECTED EQUIPMENT</b>							
Tractors of all kinds..... farms.....	31	-	5	10	8	4	4
..... number.....	43	-	6	10	19	4	4
Motortrucks..... farms.....	21	-	1	8	8	2	2
..... number.....	29	-	(D)	10	11	(D)	(D)
Automobiles..... farms.....	62	-	9	24	15	10	4
..... number.....	84	-	10	32	22	16	4

See footnotes at end of table.

Table 23. Summary by Age of Operator: 1990—Con.

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

Item	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
<b>FARMS BY SPECIFIED FACILITIES</b>							
Electricity .....	53	-	6	23	14	8	2
No electricity .....	66	1	11	22	20	7	5
Piped running water .....	71	-	14	25	18	12	2
No piped running water .....	48	1	3	20	16	3	5
<b>VALUE OF AGRICULTURAL PRODUCTS SOLD<sup>2</sup></b>							
Total sales..... farms..	119	1	17	45	34	15	7
dollars..	1 063 950	(D)	132 843	440 873	376 831	(D)	52 407
Average per farm.....dollars..	8 941	(D)	7 814	9 797	11 083	(D)	7 487
<b>Farms by value of sales:</b>							
\$100 to \$499..... farms..	28	1	5	8	10	3	1
dollars..	6 861	(D)	1 292	1 836	(D)	450	(D)
\$500 to \$1,199..... farms..	15	-	1	6	4	2	2
dollars..	12 644	-	(D)	5 125	3 229	(D)	(D)
\$1,200 to \$2,499..... farms..	22	-	5	4	5	5	3
dollars..	40 518	-	8 615	8 056	8 986	9 194	5 667
\$2,500 to \$4,999..... farms..	23	-	-	13	7	3	-
dollars..	73 930	-	-	40 487	23 033	10 410	-
\$5,000 to \$7,499..... farms..	5	-	1	2	1	1	-
dollars..	32 386	-	(D)	(D)	(D)	(D)	-
\$7,500 to \$9,999..... farms..	3	-	1	1	1	-	-
dollars..	24 840	-	(D)	(D)	(D)	-	-
\$10,000 or more..... farms..	23	-	4	11	6	1	1
dollars..	872 771	-	(D)	364 660	326 290	(D)	(D)
<b>SALES BY COMMODITY GROUP OR PRODUCT<sup>2</sup></b>							
Field crops, melons, and vegetables..... farms..	71	-	12	25	20	10	4
dollars..	470 226	-	111 236	219 138	104 511	32 018	3 323
Fruits and nuts..... farms..	47	-	6	21	9	8	3
dollars..	155 341	-	14 152	105 470	(D)	(D)	1 184
Ornamental plants and other nursery products..... farms..	8	-	1	6	-	1	-
dollars..	58 885	-	(D)	(D)	-	(D)	-
Livestock..... farms..	37	1	3	13	11	6	3
dollars..	367 383	(D)	4 860	(D)	248 598	12 810	47 900
Poultry and eggs..... farms..	8	-	2	4	2	-	-
dollars..	12 115	-	(D)	5 965	(D)	-	-
Fish..... farms..	-	-	-	-	-	-	-
dollars..	-	-	-	-	-	-	-
<b>FARMS BY SOURCE OF FINANCING</b>							
<b>Operator:</b>							
1 to 49 percent.....	-	-	-	-	-	-	-
50 to 99 percent.....	3	-	-	1	1	-	1
100 percent.....	107	-	16	41	29	15	6
<b>Private:</b>							
1 to 49 percent.....	2	-	-	1	-	-	1
50 to 99 percent.....	1	-	-	-	1	-	-
100 percent.....	4	1	1	1	1	-	-
<b>Commercial:</b>							
1 to 49 percent.....	1	-	-	-	1	-	-
50 to 99 percent.....	1	-	-	1	-	-	-
100 percent.....	2	-	-	-	2	-	-
<b>Government:</b>							
1 to 49 percent.....	1	-	-	-	1	-	-
50 to 99 percent.....	1	-	-	-	1	-	-
100 percent.....	1	-	-	1	-	-	-
<b>Other:</b>							
1 to 49 percent.....	1	-	-	1	-	-	-
50 to 99 percent.....	-	-	-	-	-	-	-
100 percent.....	-	-	-	-	-	-	-
<b>FIELD CROPS, MELONS, AND VEGETABLES<sup>2</sup></b>							
Cassava..... farms..	8	-	-	3	3	1	1
acres..	8	-	-	6	(D)	(D)	(D)
pounds harvested..	15 800	-	-	13 850	(D)	(D)	(D)
Sales.....pounds..	13 910	-	-	13 500	(D)	(D)	(D)
dollars..	9 163	-	-	9 000	(D)	(D)	(D)
Chinese cabbage..... farms..	39	-	6	17	10	6	-
acres..	22	-	4	11	6	1	-
pounds harvested..	71 468	-	12 728	32 505	24 120	2 115	-
Sales.....pounds..	67 687	-	12 478	31 790	21 604	1 815	-
dollars..	44 021	-	5 528	23 928	13 580	985	-
Corn..... farms..	10	-	2	3	4	1	-
acres..	4	-	(D)	1	1	(D)	-
pounds harvested..	3 765	-	(D)	1 615	1 220	(D)	-
Sales.....pounds..	2 432	-	(D)	1 402	700	(D)	-
dollars..	1 571	-	(D)	1 101	340	(D)	-
Cucumbers..... farms..	45	-	8	17	14	5	1
acres..	39	-	(D)	15	13	5	(D)
pounds harvested..	182 673	-	(D)	60 270	60 660	43 800	(D)
Sales.....pounds..	159 015	-	(D)	57 527	39 760	43 800	(D)
dollars..	55 681	-	(D)	23 666	16 283	9 435	(D)
Eggplant..... farms..	39	-	6	17	11	4	1
acres..	18	-	4	10	3	(D)	(D)
pounds harvested..	50 480	-	6 915	28 460	8 255	(D)	(D)
Sales.....pounds..	46 176	-	4 373	27 242	7 711	(D)	(D)
dollars..	28 729	-	3 541	16 782	5 721	(D)	(D)

See footnotes at end of table.

**Table 23. Summary by Age of Operator: 1990—Con.**

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

Item	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
<b>FIELD CROPS, MELONS, AND VEGETABLES<sup>2</sup>—Con.</b>							
Melons, excluding watermelons	19	-	4	8	5	2	-
farms	19	-	4	8	5	2	-
acres	53	-	7	40	(D)	(D)	-
pounds harvested	171 100	-	38 500	113 750	(D)	(D)	-
Sales	158 450	-	38 400	101 350	(D)	(D)	-
pounds	79 590	-	22 460	46 580	(D)	(D)	-
dollars							
Sweetpotatoes	19	-	2	6	6	3	2
farms	19	-	2	6	6	3	2
acres	17	-	(D)	3	7	5	(D)
pounds harvested	22 584	-	(D)	3 960	5 500	10 324	(D)
Sales	16 679	-	(D)	3 580	4 800	6 299	(D)
pounds	10 050	-	(D)	3 420	2 330	3 100	(D)
dollars							
Taro	32	-	1	15	9	3	4
farms	32	-	1	15	9	3	4
acres	24	-	(D)	12	7	2	(D)
pounds harvested	23 310	-	(D)	11 850	7 200	1 160	(D)
Sales	18 040	-	(D)	9 530	5 710	-	(D)
pounds	16 748	-	(D)	8 377	5 630	-	(D)
dollars							
Watermelons	23	-	3	10	6	4	-
farms	23	-	3	10	6	4	-
acres	74	-	11	47	13	4	-
pounds harvested	191 665	-	38 000	120 515	24 700	8 450	-
Sales	190 752	-	38 000	120 252	24 700	7 800	-
pounds	80 231	-	19 000	44 926	11 615	4 690	-
dollars							
Yams	17	-	1	7	7	-	2
farms	17	-	1	7	7	-	2
acres	11	-	(D)	3	8	-	(D)
pounds harvested	32 343	-	(D)	4 198	27 750	-	(D)
Sales	28 348	-	-	(D)	26 000	-	(D)
pounds	28 625	-	-	(D)	26 000	-	(D)
dollars							
Other field crops and vegetables	34	-	8	15	10	1	-
farms	34	-	8	15	10	1	-
acres	67	-	25	31	(D)	(D)	-
pounds harvested	170 995	-	65 285	63 975	(D)	(D)	-
Sales	160 100	-	65 260	60 220	(D)	(D)	-
pounds	115 817	-	52 962	39 033	(D)	(D)	-
dollars							
<b>FRUITS, NUTS, AND TREE CROPS</b>							
Avocados	24	-	3	11	6	3	1
farms	24	-	3	11	6	3	1
trees	134	-	(D)	85	31	11	(D)
pounds harvested <sup>2</sup>	3 935	-	-	3 275	260	400	-
Sales <sup>2</sup>	2 175	-	-	1 875	-	300	-
pounds	1 680	-	-	1 500	-	180	-
dollars							
Bananas	69	1	10	24	20	9	5
farms	69	1	10	24	20	9	5
clusters	22 800	(D)	3 393	5 672	7 240	5 770	(D)
pounds harvested <sup>2</sup>	102 091	(D)	7 198	15 380	69 785	6 394	(D)
Sales <sup>2</sup>	32 494	-	6 500	8 220	10 930	6 044	800
pounds	18 100	-	4 400	5 920	4 105	3 245	430
dollars							
Betelnuts	38	1	5	15	9	5	3
farms	38	1	5	15	9	5	3
trees	8 142	(D)	856	4 627	1 191	831	(D)
pounds harvested <sup>2</sup>	82 947	(D)	6 000	66 567	880	8 990	(D)
Sales <sup>2</sup>	81 872	-	6 000	66 487	265	8 920	200
pounds	90 186	-	6 500	75 530	300	7 556	300
dollars							
Breadfruits	33	1	2	11	10	8	1
farms	33	1	2	11	10	8	1
trees	475	(D)	(D)	54	150	63	(D)
pounds harvested <sup>2</sup>	15 010	(D)	-	(D)	6 700	2 780	-
Sales <sup>2</sup>	2 600	-	-	100	-	2 500	-
pounds	1 510	-	-	60	-	1 450	-
dollars							
Coconuts	59	1	9	23	15	8	3
farms	59	1	9	23	15	8	3
trees	7 903	(D)	(D)	1 652	4 085	826	520
pounds harvested <sup>2</sup>	66 118	(D)	(D)	17 175	35 400	3 070	5 333
Sales <sup>2</sup>	2 783	-	-	-	-	2 450	333
pounds	1 195	-	-	-	-	1 095	100
dollars							
Green oranges	27	-	3	14	6	1	3
farms	27	-	3	14	6	1	3
trees	522	-	19	139	344	(D)	(D)
pounds harvested <sup>2</sup>	1 732	-	5	1 687	40	-	-
Sales <sup>2</sup>	(D)	-	-	(D)	-	-	-
pounds	(D)	-	-	(D)	-	-	-
dollars							
Guavas	29	-	4	14	3	5	3
farms	29	-	4	14	3	5	3
trees	229	-	24	96	25	24	60
pounds harvested <sup>2</sup>	322	-	50	162	-	38	72
Sales <sup>2</sup>	72	-	-	-	-	-	72
pounds	54	-	-	-	-	-	54
dollars							
Lemons	48	-	5	24	10	5	4
farms	48	-	5	24	10	5	4
trees	423	-	43	236	96	37	11
pounds harvested <sup>2</sup>	5 153	-	225	3 815	780	313	20
Sales <sup>2</sup>	2 728	-	200	1 770	465	293	-
pounds	1 776	-	165	1 145	300	166	-
dollars							
Limes	13	-	-	6	2	2	3
farms	13	-	-	6	2	2	3
trees	112	-	-	60	(D)	(D)	18
pounds harvested <sup>2</sup>	3 162	-	-	3 040	(D)	(D)	20
Sales <sup>2</sup>	3 022	-	-	(D)	-	(D)	-
pounds	2 720	-	-	(D)	-	(D)	-
dollars							
Mangoes	45	1	7	16	12	7	2
farms	45	1	7	16	12	7	2
trees	527	(D)	54	160	107	93	(D)
pounds harvested <sup>2</sup>	7 859	(D)	-	5 645	1 175	724	(D)
Sales <sup>2</sup>	3 489	-	-	2 700	(D)	404	(D)
pounds	4 644	-	-	3 950	(D)	444	(D)
dollars							
Papayas	45	-	9	19	8	5	4
farms	45	-	9	19	8	5	4
trees	2 905	-	669	1 488	199	69	480
pounds harvested <sup>2</sup>	31 080	-	2 055	20 920	2 155	410	5 540
Sales <sup>2</sup>	18 165	-	1 085	16 170	80	330	500
pounds	12 775	-	565	11 890	50	120	150
dollars							

See footnotes at end of table

**Table 23. Summary by Age of Operator: 1990—Con.**

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

Item	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
<b>FRUITS, NUTS, AND TREE CROPS</b>							
—Con.							
Pineapples..... farms.....	15	-	2	9	4	-	-
..... plants.....	9 299	-	(D)	(D)	1 690	-	-
..... number harvested <sup>2</sup> .....	4 533	-	(D)	(D)	280	-	-
Sales <sup>2</sup> ..... number.....	4 020	-	(D)	(D)	-	-	-
..... dollars.....	3 280	-	(D)	(D)	-	-	-
Starfruits..... farms.....	13	-	1	5	2	4	1
..... trees.....	37	-	(D)	9	(D)	21	(D)
..... pounds harvested <sup>2</sup> .....	393	-	-	110	-	283	-
Sales <sup>2</sup> ..... pounds.....	243	-	-	-	-	243	-
..... dollars.....	148	-	-	-	-	148	-
Tangerines..... farms.....	33	-	5	14	7	6	1
..... trees.....	509	-	(D)	407	36	43	(D)
..... pounds harvested <sup>2</sup> .....	6 209	-	45	5 310	618	236	-
Sales <sup>2</sup> ..... pounds.....	4 086	-	20	3 580	450	36	-
..... dollars.....	2 218	-	22	1 940	217	39	-
Other fruits, nuts, and tree crops..... farms.....	15	-	1	7	5	1	1
..... trees or plants.....	770	-	(D)	24	229	(D)	(D)
..... pounds harvested <sup>2</sup> .....	405	-	-	125	280	-	-
Sales <sup>2</sup> ..... pounds.....	(D)	-	-	-	(D)	-	-
..... dollars.....	(D)	-	-	-	(D)	-	-
Ornamental plants and other nursery products <sup>2</sup> ..... farms.....	8	-	1	6	-	1	-
..... sq ft under cover.....	19 160	-	(D)	(D)	-	(D)	-
..... acres.....	1	-	(D)	(D)	-	(D)	-
Sales..... dollars.....	58 885	-	(D)	(D)	-	(D)	-
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>							
Cattle and calves of all ages..... farms.....	36	-	3	12	13	3	5
..... number.....	4 513	-	105	305	3 804	63	236
Sales <sup>2</sup> ..... number.....	702	-	7	96	464	15	120
..... dollars.....	329 598	-	2 100	41 200	231 798	7 000	47 500
Milk cows..... farms.....	6	-	-	5	1	-	-
..... number.....	80	-	-	(D)	(D)	-	-
Sales <sup>2</sup> ..... number.....	22	-	-	22	-	-	-
..... dollars.....	13 200	-	-	13 200	-	-	-
Other cattle and calves..... farms.....	33	-	3	9	9	3	5
..... number.....	4 433	-	105	(D)	(D)	63	236
Sales <sup>2</sup> ..... number.....	680	-	7	74	464	15	120
..... dollars.....	316 398	-	2 100	28 000	231 798	7 000	47 500
Hogs and pigs of all ages..... farms.....	66	1	7	25	19	9	5
..... number.....	1 260	(D)	63	381	535	194	(D)
Sales <sup>2</sup> ..... number.....	360	(D)	18	131	113	91	(D)
..... dollars.....	33 565	(D)	2 760	11 645	13 100	5 410	(D)
Goats and kids of all ages..... farms.....	21	1	2	6	8	3	1
..... number.....	482	(D)	(D)	84	294	64	(D)
Sales <sup>2</sup> ..... number.....	8	-	-	2	2	4	-
..... dollars.....	(D)	-	-	120	(D)	400	-
Horses, mules, and colts of all ages..... farms.....	2	-	-	1	1	-	-
..... number.....	(D)	-	-	(D)	(D)	-	-
Sales <sup>2</sup> ..... number.....	(D)	-	-	-	(D)	-	-
..... dollars.....	(D)	-	-	-	(D)	-	-
Other livestock..... farms.....	4	-	1	1	2	-	-
..... number.....	32	-	(D)	(D)	(D)	-	-
Sales <sup>2</sup> ..... number.....	(D)	-	-	-	(D)	-	-
..... dollars.....	(D)	-	-	-	(D)	-	-
Livestock sales <sup>2</sup> ..... farms.....	37	1	3	13	11	6	3
..... dollars.....	367 383	(D)	4 860	52 965	248 598	12 810	(D)
<b>POULTRY AND POULTRY PRODUCTS</b>							
Chickens..... farms.....	63	1	9	22	17	9	5
..... number.....	9 580	(D)	273	4 869	3 848	459	(D)
Sales <sup>2</sup> ..... number.....	1 305	-	(D)	79	(D)	-	-
..... dollars.....	6 690	-	(D)	(D)	(D)	-	-
Other poultry..... farms.....	18	-	2	8	6	2	-
..... number.....	562	-	(D)	265	198	(D)	-
Sales <sup>2</sup> ..... number.....	(D)	-	-	-	(D)	-	-
..... dollars.....	(D)	-	-	-	(D)	-	-
Chicken egg sales <sup>2</sup> ..... farms.....	2	-	-	2	-	-	-
..... dozens.....	(D)	-	-	(D)	-	-	-
..... dollars.....	(D)	-	-	(D)	-	-	-
Poultry and egg sales <sup>2</sup> ..... farms.....	8	-	2	4	2	-	-
..... dollars.....	12 115	-	(D)	5 965	(D)	-	-
<b>FISH<sup>2</sup></b>							
Caught..... farms.....	3	1	-	-	2	-	-
..... pounds.....	1 600	(D)	-	-	(D)	-	-
Sales..... pounds.....	-	-	-	-	-	-	-
..... dollars.....	-	-	-	-	-	-	-

<sup>1</sup>Detail may not add to total due to rounding  
<sup>2</sup>Data are for 1989

**Table 24. Summary by Value of Agricultural Products Sold: 1989**

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

Item	Total	\$100 to \$499	\$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 .....	119	28	15	22	23	5	3	23
Percent of farms .....	100.0	23.5	12.6	18.5	19.3	4.2	2.5	19.3
Land in farms <sup>1</sup> .....	14 421	385	158	424	489	132	61	12 772
Percent distribution .....	100.0	2.7	1.1	2.9	3.4	.9	.4	88.6
Average size of farm .....	121.2	13.8	10.5	19.3	21.2	26.5	20.3	555.3
<b>LAND USE</b>								
Cropland .....	113	27	14	20	21	5	3	23
Used for crops .....	4 742	188	40	107	118	48	59	4 183
Used for other purposes .....	110	27	14	19	21	5	3	21
Acres .....	439	93	16	48	79	(D)	(D)	165
Acres .....	40	9	4	10	9	2	2	4
Acres .....	4 304	94	24	60	40	(D)	(D)	4 019
Pastureland, except cropland pastured .....	48	14	3	9	9	2	1	10
Acres .....	4 361	163	(D)	296	167	(D)	(D)	3 599
Acres .....	68	17	10	10	16	1	-	14
Acres .....	5 318	35	(D)	21	203	(D)	-	4 990
<b>TENURE OF OPERATOR</b>								
Operators .....	119	28	15	22	23	5	3	23
Full owners .....	14 421	385	158	424	489	132	61	12 772
Part owners .....	67	18	12	11	14	4	2	6
Acres .....	533	(D)	60	81	111	(D)	(D)	36
Acres .....	24	2	1	5	6	1	-	9
Acres .....	2 538	(D)	(D)	315	369	(D)	-	1 668
Acres .....	28	8	2	6	3	-	1	8
Acres .....	11 350	159	(D)	28	8	-	(D)	11 068
<b>FARMS BY SIZE</b>								
Farms .....	119	28	15	22	23	5	3	23
Less than 1 acre .....	10	2	3	4	1	-	-	-
1 to 2 acres .....	21	5	4	2	5	2	-	3
3 to 4 acres .....	17	4	1	5	1	-	2	4
5 to 7 acres .....	22	6	2	4	6	1	-	3
8 to 9 acres .....	3	1	-	-	1	-	-	1
10 to 19 acres .....	16	4	2	3	4	-	-	3
20 to 39 acres .....	10	2	2	2	1	-	-	3
40 to 49 acres .....	3	1	-	1	1	-	-	-
50 acres or more .....	17	3	1	1	3	2	1	6
<b>FARMS BY TYPE OF HOLDING</b>								
Home consumption holding .....	36	14	7	9	5	-	-	1
Sale holdings .....	83	14	8	13	18	5	3	22
Crop .....	51	9	8	6	9	2	2	15
Livestock and/or poultry .....	13	2	-	5	3	1	-	2
Mixed .....	15	2	-	2	5	1	1	4
Other .....	4	1	-	-	1	1	-	1
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence .....								
On farm operated .....	45	11	8	7	10	2	-	7
Not on farm operated .....	74	17	7	15	13	3	3	16
Operators by years on present farm .....								
Less than 2 years .....	20	7	2	3	5	1	-	2
2 to 4 years .....	38	3	7	9	6	2	3	8
5 to 9 years .....	22	5	2	3	4	1	-	7
10 years or more .....	39	13	4	7	8	1	-	6
Operators by age group .....								
Under 25 years .....	1	1	-	-	-	-	-	-
25 to 34 years .....	17	5	1	5	-	1	1	4
35 to 44 years .....	45	8	6	4	13	2	1	11
45 to 54 years .....	34	10	4	5	7	1	1	6
55 to 64 years .....	15	3	2	5	3	1	-	1
65 years and over .....	7	1	2	3	-	-	-	1
Average age .....	45	44	49	48	45	43	39	43
Operators by main occupation .....								
Agricultural .....	42	10	5	7	7	2	-	11
Nonagricultural .....	10 617	176	(D)	297	61	(D)	-	9 959
Acres .....	77	18	10	15	16	3	3	12
Acres .....	3 804	209	(D)	127	427	(D)	61	2 814
Operators by days of work off farm .....								
None .....	24	6	3	3	4	2	-	6
Any .....	95	22	12	19	19	3	3	17
1 to 49 days .....	12	5	-	3	2	-	1	1
50 to 99 days .....	12	1	1	4	3	-	-	3
100 to 149 days .....	12	3	2	3	1	-	-	3
150 to 199 days .....	6	1	1	2	2	-	-	-
200 days or more .....	53	12	8	7	11	3	2	10
<b>FARMS BY TRACTS OR PIECES OF LAND</b>								
1 tract .....	70	20	8	12	15	4	-	11
2 tracts .....	29	6	3	7	4	1	2	6
3 tracts or more .....	20	2	4	3	4	-	1	6
<b>SELECTED EQUIPMENT</b>								
Tractors of all kinds .....	31	5	2	3	3	1	2	15
number .....	43	5	(D)	3	4	(D)	(D)	24
Acres .....	21	2	2	2	2	1	1	11
number .....	29	(D)	(D)	(D)	(D)	(D)	(D)	16
Acres .....	62	9	11	13	10	3	2	14
number .....	84	(D)	17	16	15	3	(D)	19

See footnotes at end of table

Table 24. Summary by Value of Agricultural Products Sold: 1989—Con.

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

Item	Total	\$100 to \$499	\$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 BY SPECIFIED FACILITIES</b>								
Electricity .....	53	14	6	6	9	3	1	14
No electricity .....	66	14	9	16	14	2	2	9
Piped running water .....	71	14	9	12	11	4	1	20
No piped running water .....	48	14	6	10	12	1	2	3
<b>VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales..... farms..	119	28	15	22	23	5	3	23
dollars.....	1 063 950	6 861	12 644	40 518	73 930	32 386	24 840	872 771
Average per farm.....	8 941	245	843	1 842	3 214	6 477	8 280	37 947
Farms by value of sales:								
\$100 to \$499 .....	28	28	-	-	-	-	-	-
dollars.....	6 861	6 861	-	-	-	-	-	-
\$500 to \$1,199 .....	15	-	15	-	-	-	-	-
dollars.....	12 644	-	12 644	-	-	-	-	-
\$1,200 to \$2,499 .....	22	-	-	22	-	-	-	-
dollars.....	40 518	-	-	40 518	-	-	-	-
\$2,500 to \$4,999 .....	23	-	-	-	23	-	-	-
dollars.....	73 930	-	-	-	73 930	-	-	-
\$5,000 to \$7,499 .....	5	-	-	-	-	5	-	-
dollars.....	32 386	-	-	-	-	32 386	-	-
\$7,500 to \$9,999 .....	3	-	-	-	-	-	3	-
dollars.....	24 840	-	-	-	-	-	24 840	-
\$10,000 or more .....	23	-	-	-	-	-	-	23
dollars.....	872 771	-	-	-	-	-	-	872 771
<b>SALES BY COMMODITY GROUP OR PRODUCT</b>								
Field crops, melons, and vegetables.....	71	14	10	12	13	2	2	18
dollars.....	470 226	3 289	6 539	15 671	30 767	(D)	(D)	398 365
Fruits and nuts .....	47	6	5	13	9	4	1	9
dollars.....	155 341	(D)	3 605	12 397	8 580	22 586	(D)	106 051
Ornamental plants and other nursery products.....	8	1	1	1	2	-	1	2
dollars.....	58 885	(D)	(D)	(D)	(D)	-	(D)	(D)
Livestock .....	37	9	2	7	10	2	1	6
dollars.....	367 363	2 405	(D)	9 150	27 228	(D)	(D)	313 200
Poultry and eggs .....	8	1	-	2	3	-	-	2
dollars.....	12 115	(D)	-	(D)	(D)	-	-	(D)
Fish .....	-	-	-	-	-	-	-	-
dollars.....	-	-	-	-	-	-	-	-
<b>FARMS BY SOURCE OF FINANCING</b>								
Operator:								
1 to 49 percent .....	-	-	-	-	-	-	-	-
50 to 99 percent .....	3	1	-	-	1	1	-	-
100 percent.....	107	24	15	21	22	4	1	20
Private:								
1 to 49 percent .....	2	1	-	-	-	-	1	-
50 to 99 percent .....	1	-	-	-	-	-	1	-
100 percent.....	4	3	-	1	-	-	-	-
Commercial:								
1 to 49 percent .....	1	-	-	-	-	-	1	-
50 to 99 percent .....	1	-	-	-	-	-	1	-
100 percent.....	2	-	-	-	-	-	-	2
Government:								
1 to 49 percent .....	1	-	-	-	-	-	1	-
50 to 99 percent .....	1	-	-	-	-	1	-	-
100 percent.....	1	-	-	-	-	-	-	1
Other:								
1 to 49 percent .....	1	-	-	-	1	-	-	-
50 to 99 percent .....	-	-	-	-	-	-	-	-
100 percent.....	-	-	-	-	-	-	-	-
<b>FIELD CROPS, MELONS, AND VEGETABLES</b>								
Cassava .....	8	2	1	3	-	-	-	2
acres.....	8	(D)	(D)	1	-	-	-	(D)
pounds harvested.....	15 800	(D)	(D)	450	-	-	-	(D)
Sales.....	13 910	-	-	(D)	-	-	-	(D)
dollars.....	9 163	-	-	(D)	-	-	-	(D)
Chinese cabbage .....	39	5	5	5	10	-	2	12
acres.....	22	(D)	2	1	4	-	(D)	13
pounds harvested.....	71 468	(D)	4 570	1 565	4 260	(D)	(D)	57 085
Sales.....	67 687	(D)	3 240	1 470	3 554	(D)	(D)	55 885
dollars.....	44 021	(D)	1 540	852	2 570	-	(D)	37 415
Corn .....	10	2	1	1	1	-	-	5
acres.....	4	(D)	(D)	(D)	(D)	-	-	3
pounds harvested.....	3 765	(D)	(D)	(D)	(D)	-	-	2 530
Sales.....	2 432	(D)	-	(D)	(D)	-	-	1 730
dollars.....	1 571	(D)	-	(D)	(D)	-	-	1 290
Cucumbers .....	45	7	4	8	8	1	2	15
acres.....	39	2	1	2	4	(D)	(D)	28
pounds harvested.....	182 673	1 695	1 880	10 520	6 655	(D)	(D)	152 800
Sales.....	159 015	1 110	(D)	8 907	6 575	(D)	(D)	133 700
dollars.....	55 681	478	(D)	2 533	2 200	-	(D)	46 860
Eggplant.....	39	4	5	6	9	1	1	13
acres.....	18	(D)	1	2	2	(D)	(D)	13
pounds harvested.....	50 480	(D)	1 875	1 605	4 710	(D)	(D)	40 700
Sales.....	46 176	(D)	1 610	1 572	3 971	-	(D)	38 238
dollars.....	28 729	(D)	1 412	960	2 109	-	(D)	23 815

See footnotes at end of table



**Table 24. Summary by Value of Agricultural Products Sold: 1989—Con.**

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

Item	Total	\$100 to \$499	\$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, MELONS, AND VEGETABLES—Con.</b>								
Melons, excluding watermelons								
farms..	19	1	2	2	4	1	-	9
acres..	53	(D)	(D)	(D)	1	-	-	48
pounds harvested..	171 100	(D)	(D)	(D)	4 000	(D)	-	163 750
Sales.....	158 450	(D)	(D)	(D)	3 600	(D)	-	151 750
dollars..	79 590	(D)	(D)	(D)	1 980	(D)	-	76 100
Sweetpotatoes								
farms..	19	4	3	5	4	-	-	3
acres..	17	5	(Z)	4	6	-	-	2
pounds harvested..	22 584	1 500	430	5 900	12 180	-	-	2 574
Sales.....	16 679	1 300	25	4 900	7 880	-	-	2 574
dollars..	10 050	670	10	2 580	5 100	-	-	1 690
Taro								
farms..	32	6	4	10	7	1	1	3
acres..	24	(D)	1	8	8	(D)	(D)	4
pounds harvested..	23 310	(D)	1 500	6 960	7 510	(D)	(D)	4 900
Sales.....	18 040	(D)	1 300	4 900	6 210	-	(D)	4 900
dollars..	16 748	(D)	1 020	4 781	5 825	-	(D)	4 600
Watermelons								
farms..	23	1	2	3	5	1	-	11
acres..	74	(D)	(D)	3	4	(D)	-	64
pounds harvested..	191 665	(D)	(D)	4 515	9 000	(D)	-	175 100
Sales.....	190 752	(D)	(D)	4 002	8 750	(D)	-	175 100
dollars..	80 231	(D)	(D)	1 701	3 675	(D)	-	73 750
Yams								
farms..	17	3	2	6	2	1	-	3
acres..	11	1	(D)	2	(D)	(D)	-	7
pounds harvested..	32 343	1 300	(D)	2 595	(D)	(D)	-	27 048
Sales.....	28 348	100	-	1 200	-	-	-	27 048
dollars..	28 625	100	-	1 200	-	-	-	27 325
Other field crops and vegetables								
farms..	34	5	4	1	8	1	2	13
acres..	67	2	1	(D)	7	(D)	(D)	51
pounds harvested..	170 995	1 640	2 490	(D)	8 595	(D)	(D)	140 950
Sales.....	160 100	1 440	2 220	(D)	7 820	(D)	(D)	131 400
dollars..	115 817	844	1 252	(D)	7 108	(D)	(D)	96 520
<b>FRUITS, NUTS, AND TREE CROPS</b>								
Avocados								
farms..	24	4	2	9	6	-	-	3
trees..	134	15	(D)	65	46	-	-	(D)
pounds harvested..	3 935	-	-	460	3 375	-	-	100
Sales.....	2 175	-	-	-	2 175	-	-	-
dollars..	1 680	-	-	-	1 680	-	-	-
Bananas								
farms..	69	16	10	18	12	4	1	8
clusters..	22 800	(D)	1 787	2 205	4 190	5 027	(D)	7 695
pounds harvested..	102 091	(D)	15 685	7 958	49 310	8 224	(D)	14 050
Sales.....	32 494	345	4 400	5 905	220	8 224	-	13 400
dollars..	18 100	240	1 845	4 395	115	3 805	-	7 700
Betelnuts								
farms..	38	10	6	10	4	2	-	6
trees..	8 142	982	(D)	2 566	548	(D)	-	2 649
pounds harvested..	82 947	1 025	(D)	1 555	1 177	(D)	-	65 000
Sales.....	81 872	40	(D)	1 535	1 167	(D)	-	65 000
dollars..	90 186	100	(D)	2 300	3 000	(D)	-	72 000
Breadfruits								
farms..	33	9	-	9	9	1	1	4
trees..	475	332	-	52	68	(D)	(D)	(D)
pounds harvested..	15 010	11 030	-	780	1 150	-	-	2 050
Sales.....	2 600	-	-	-	600	-	-	2 000
dollars..	1 510	-	-	-	310	-	-	1 200
Coconuts								
farms..	59	15	8	14	13	1	2	6
trees..	7 903	4 223	632	1 083	1 502	(D)	(D)	345
pounds harvested..	66 118	35 233	6 400	12 360	9 775	(D)	-	(D)
Sales.....	2 783	(D)	-	1 300	1 000	(D)	-	-
dollars..	1 195	(D)	-	450	600	(D)	-	-
Green oranges								
farms..	27	6	1	6	11	-	-	3
trees..	522	(D)	(D)	348	70	-	-	64
pounds harvested..	1 732	40	-	335	357	-	-	1 000
Sales.....	(D)	-	-	-	(D)	-	-	-
dollars..	(D)	-	-	-	(D)	-	-	-
Guavas								
farms..	29	7	4	8	3	1	1	5
trees..	229	33	(D)	37	12	(D)	(D)	116
pounds harvested..	322	77	85	110	-	-	-	50
Sales.....	72	-	-	72	-	-	-	-
dollars..	54	-	-	54	-	-	-	-
Lemons								
farms..	48	10	6	11	12	1	1	7
trees..	423	93	(D)	68	91	(D)	(D)	121
pounds harvested..	5 153	765	(D)	530	785	(D)	-	2 750
Sales.....	2 728	240	(D)	385	500	(D)	-	1 400
dollars..	1 776	150	(D)	251	230	(D)	-	925
Limes								
farms..	13	4	1	3	2	1	1	1
trees..	112	11	(D)	42	(D)	(D)	(D)	(D)
pounds harvested..	3 162	5	(D)	75	(D)	(D)	(D)	(D)
Sales.....	3 022	-	-	-	-	(D)	-	(D)
dollars..	2 720	-	-	-	-	(D)	-	(D)
Mangoes								
farms..	45	12	6	10	10	1	2	4
trees..	527	216	24	89	141	(D)	(D)	33
pounds harvested..	7 859	1 375	1 050	1 965	3 145	-	-	324
Sales.....	3 489	220	400	1 545	1 000	-	-	324
dollars..	4 644	100	200	2 190	1 750	-	-	404
Papayas								
farms..	45	10	6	9	6	4	2	8
trees..	2 905	(D)	128	668	154	1 116	(D)	525
pounds harvested..	31 080	(D)	1 310	9 155	1 850	7 000	(D)	7 650
Sales.....	18 165	(D)	200	4 080	100	7 000	(D)	3 350
dollars..	12 775	(D)	230	2 650	50	6 500	(D)	2 115

See footnotes at end of table.

Table 24. Summary by Value of Agricultural Products Sold: 1989—Con.

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

Item	Total	\$100 to \$499	\$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>FRUITS, NUTS, AND TREE CROPS</b>								
—Con.								
Pineapples..... farms..	15	4	1	2	4	1	1	2
plants.....	9 299	158	(D)	(D)	2 091	(D)	(D)	(D)
number harvested.....	4 533	42	(D)	-	1 251	(D)	(D)	(D)
Sales..... number.....	4 020	20	-	-	1 000	(D)	-	(D)
dollars.....	3 280	30	-	-	750	(D)	-	(D)
Starfruits..... farms..	13	3	2	4	2	1	-	1
trees.....	37	8	(D)	17	(D)	(D)	-	(D)
pounds harvested.....	393	70	-	80	(D)	(D)	-	(D)
Sales..... pounds.....	243	-	-	(D)	-	(D)	-	(D)
dollars.....	148	-	-	(D)	-	(D)	-	(D)
Tangerines..... farms..	33	7	4	10	7	1	-	4
trees.....	509	23	24	109	(D)	(D)	-	325
pounds harvested.....	6 209	405	108	525	135	-	-	5 036
Sales..... pounds.....	4 086	320	-	150	80	-	-	3 536
dollars.....	2 218	172	-	67	40	-	-	1 939
Other fruits, nuts, and tree crops..... farms..	15	5	2	2	3	1	-	2
trees or plants.....	770	165	(D)	(D)	15	(D)	-	(D)
pounds harvested.....	405	85	(D)	-	50	-	-	(D)
Sales..... pounds.....	(D)	-	-	-	-	-	-	(D)
dollars.....	(D)	-	-	-	-	-	-	(D)
Ornamental plants and other nursery products..... farms..	8	1	1	1	2	-	1	2
sq ft under cover.....	19 160	(D)	(D)	(D)	(D)	-	(D)	(D)
acres.....	1	(D)	(D)	(D)	(D)	-	(D)	(D)
Sales..... dollars.....	58 885	(D)	(D)	(D)	(D)	-	(D)	(D)
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>								
Cattle and calves of all ages..... farms..	36	6	3	7	8	2	-	10
number.....	4 513	47	17	(D)	159	(D)	-	4 083
Sales..... number.....	702	-	(D)	6	27	(D)	-	660
dollars.....	329 598	-	(D)	2 600	9 698	(D)	-	311 200
Milk cows..... farms..	6	1	-	1	1	-	-	3
number.....	80	(D)	-	(D)	(D)	-	-	47
Sales..... number.....	22	-	-	-	-	-	-	22
dollars.....	13 200	-	-	-	-	-	-	13 200
Other cattle and calves..... farms..	33	6	3	6	8	2	-	8
number.....	4 433	(D)	17	133	(D)	(D)	-	4 036
Sales..... number.....	680	-	(D)	6	27	(D)	-	638
dollars.....	316 398	-	(D)	2 600	9 698	(D)	-	298 000
Hogs and pigs of all ages..... farms..	66	15	8	14	15	4	2	8
number.....	1 260	394	(D)	203	352	19	(D)	118
Sales..... number.....	360	25	(D)	90	149	16	(D)	16
dollars.....	33 565	1 985	(D)	6 550	(D)	800	(D)	1 200
Goats and kids of all ages..... farms..	21	11	1	1	4	1	-	3
number.....	482	380	(D)	(D)	41	(D)	-	51
Sales..... number.....	8	4	-	-	-	-	-	4
dollars.....	(D)	420	-	-	-	-	-	(D)
Horses, mules, and colts of all ages..... farms..	2	-	-	-	-	-	-	2
number.....	(D)	-	-	-	-	-	-	(D)
Sales..... number.....	(D)	-	-	-	-	-	-	(D)
dollars.....	(D)	-	-	-	-	-	-	(D)
Other livestock..... farms..	4	-	1	-	2	1	-	-
number.....	32	-	(D)	-	(D)	(D)	-	-
Sales..... number.....	(D)	-	-	-	(D)	-	-	-
dollars.....	(D)	-	-	-	(D)	-	-	-
Livestock sales..... farms..	37	9	2	7	10	2	1	6
dollars.....	367 383	2 405	(D)	9 150	27 228	(D)	(D)	313 200
<b>POULTRY AND POULTRY PRODUCTS</b>								
Chickens..... farms..	63	14	8	16	11	3	1	10
number.....	9 580	621	258	606	3 984	(D)	(D)	3 933
Sales..... number.....	1 305	(D)	-	(D)	1 250	(D)	-	(D)
dollars.....	6 690	(D)	-	(D)	3 975	-	-	(D)
Other poultry..... farms..	18	4	1	4	6	-	1	2
number.....	562	92	(D)	184	200	-	(D)	(D)
Sales..... number.....	(D)	-	-	-	(D)	-	-	-
dollars.....	(D)	-	-	-	(D)	-	-	-
Chicken egg sales..... farms..	2	-	-	-	1	-	-	1
dozens.....	(D)	-	-	-	(D)	-	-	(D)
dollars.....	(D)	-	-	-	(D)	-	-	(D)
Poultry and egg sales..... farms..	8	1	-	2	3	-	-	2
dollars.....	12 115	(D)	-	(D)	4 400	-	-	(D)
<b>FISH</b>								
Caught..... farms..	3	2	1	-	-	-	-	-
pounds.....	1 600	(D)	(D)	-	-	-	-	-
Sales..... pounds.....	-	-	-	-	-	-	-	-
dollars.....	-	-	-	-	-	-	-	-

<sup>1</sup>Detail may not add to total due to rounding

**Table 1. Farms, Land in Farms, and Land Use: 1990 and 1980**

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

Item	1990	1980	Item	1990	1980
Farms ..... number...	346	299	Cropland—Con.		
Land in farms <sup>1</sup> ..... acres...	16 442	12 187	Used for crops .....	farms... 270	280
Average size of farm .....	47.5	40.8	..... acres...	769	950
			Used for other purposes .....	farms... 80	146
Approximate land area .....	117 760	117 760	..... acres...	4 466	1 693
Proportion in farms .....	14.0	10.3	Pastureland, except cropland pastured .....	farms... 124	129
			..... acres...	5 534	8 706
Cropland .....	farms... 281	289	Other land .....	farms... 218	132
..... acres <sup>1</sup> ...	5 235	2 643	..... acres...	5 673	839

<sup>1</sup>Detail may not add to total due to rounding.

**Table 2. Farms and Land in Farms by Size of Farm: 1990 and 1980**

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

Item	Total	Less than 1 acre	1 to 2 acres	3 to 4 acres	5 to 7 acres	8 to 9 acres	10 to 19 acres	20 to 39 acres	40 to 49 acres	50 acres or more
Farms ..... number, 1990...	346	61	77	46	54	13	45	22	4	24
..... 1980...	299	10	46	42	94	8	55	20	4	20
Percent of farms ..... 1990...	100.0	17.6	22.3	13.3	15.6	3.8	13.0	6.4	1.2	6.9
..... 1980...	100.0	3.3	15.4	14.0	31.4	2.7	18.4	6.7	1.3	6.7
Land in farms <sup>1</sup> ..... acres, 1990...	16 442	25	150	179	330	115	613	585	177	14 267
..... 1980...	12 187	3	84	161	560	71	711	521	179	9 901
Percent distribution ..... 1990...	100.0	2	9	1.1	2.0	.7	3.7	3.6	1.1	86.8
..... 1980...	100.0	(Z)	7	1.3	4.6	.6	5.8	4.3	1.5	81.2
Average size of farm ..... acres, 1990...	47.5	4	2.0	3.9	6.1	8.9	13.6	26.6	44.4	594.5
..... 1980...	40.8	.3	1.8	3.8	6.0	8.9	12.9	26.1	44.8	495.1

<sup>1</sup>Detail may not add to total due to rounding.

**Table 3. Tenure and Characteristics of Operators: 1990 and 1980**

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

Item	1990	1980	Item	1990	1980
<b>TENURE OF OPERATOR</b>			<b>OPERATOR CHARACTERISTICS—Con.</b>		
Operators .....	farms... 346	299	Operators by years on present farm:		
..... acres <sup>1</sup> ...	16 442	12 187	Less than 2 years .....	77	40
Cropland .....	farms... 281	289	2 to 4 years .....	89	104
..... acres <sup>1</sup> ...	5 235	2 643	5 to 9 years .....	62	44
			10 years or more .....	118	104
			Not reported .....	-	7
Full owners .....	farms... 237	226	Operators by age group		
..... acres...	1 565	1 818	Under 25 years .....	7	16
Cropland .....	farms... 189	219	25 to 34 years .....	71	62
..... acres...	590	1 050	35 to 44 years .....	109	49
			45 to 54 years .....	89	65
Part owners .....	farms... 49	36	55 to 64 years .....	43	54
..... acres...	3 139	2 116	65 years and over .....	27	23
Cropland .....	farms... 44	35	Not reported .....	-	30
..... acres...	430	397	Average age .....	45	45
			Operators by main occupation		
Tenants .....	farms... 60	37	Agricultural .....	number... 71	63
..... acres...	11 739	8 253	..... acres...	10 834	9 632
Cropland .....	farms... 48	35	Nonagricultural .....	number... 275	231
..... acres...	4 215	1 194	..... acres...	5 609	2 524
			Not reported .....	number... -	5
			..... acres...	-	31
<b>OPERATOR CHARACTERISTICS</b>			Operators by days of work off farm <sup>2</sup>		
Operators by place of residence.			None .....	72	54
On farm operated .....	136	103	Any .....	274	227
Not on farm operated .....	210	194	1 to 49 days .....	35	74
Not reported .....	-	2	50 to 99 days .....	33	31
			100 to 149 days .....	30	32
			150 to 199 days .....	17	26
			200 days or more .....	159	64
			Not reported .....	-	18

<sup>1</sup>Detail may not add to total due to rounding

<sup>2</sup>Data are for 1989 and 1979

**Table 4. Farm Characteristics: 1990 and 1980**

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

Item	1990	1980	Item	1990	1980
<b>FARMS BY SOURCE OF FINANCING</b>			<b>SELECTED EQUIPMENT</b>		
Operator:			Tractors of all kinds .....	farms.. 42	40
1 to 49 percent .....	2	4	..... number..	56	60
50 to 99 percent .....	7	6	Motortrucks .....	farms.. 31	7
100 percent .....	316	256	..... number..	40	10
			Automobiles .....	farms.. 143	158
Private:			..... number..	198	187
1 to 49 percent .....	2	-	<b>FARMS BY SPECIFIED FACILITIES</b>		
50 to 99 percent .....	1	5	Electricity .....	149	90
100 percent .....	14	23	No electricity .....	197	209
Commercial:			Piped running water .....	186	143
1 to 49 percent .....	2	-	No piped running water .....	160	156
50 to 99 percent .....	1	-	<b>FARMS BY TYPE OF HOLDING</b>		
100 percent .....	2	-	Home consumption holding .....	232	170
Government:			Sale holdings .....	114	129
1 to 49 percent .....	1	1	Crop .....	61	53
50 to 99 percent .....	1	-	Livestock and/or poultry .....	27	23
100 percent .....	1	1	Mixed .....	21	53
Other sources:			Other .....	5	-
1 to 49 percent .....	1	2	<b>TYPE OF LAND OWNERSHIP</b>		
50 to 99 percent .....	5	4	Farms .....	number.. 346	(NA)
100 percent .....	2	3	..... acres..	16 442	(NA)
Source not reported .....	-	5	Owned .....	farms.. 286	(NA)
			..... acres..	2 213	(NA)
<b>FARMS BY TRACTS OR PIECES OF LAND</b>			Rented from others .....	farms.. 109	(NA)
1 tract .....	257	212	..... acres..	14 246	(NA)
2 tracts .....	50	53	Rented to others .....	farms.. 5	(NA)
3 tracts or more .....	39	34	..... acres..	17	(NA)

**Table 5. Field Crops, Melons, and Vegetables: 1989 and 1979**

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

Item	1989	1979	Item	1989	1979
Cassava .....	farms.. 17	30	Sweetpotatoes .....	farms.. 30	42
..... acres..	11	21	..... acres..	19	19
pounds harvested..	23 250	41 960	pounds harvested..	25 274	26 040
Chinese cabbage .....	farms.. 46	29	Taro .....	farms.. 64	46
..... acres..	23	9	..... acres..	35	27
pounds harvested..	72 508	27 610	pounds harvested..	33 130	21 530
Corn .....	farms.. 18	14	Watermelons .....	farms.. 28	46
..... acres..	6	8	..... acres..	75	74
pounds harvested..	5 510	9 100	pounds harvested..	192 715	143 030
Cucumbers .....	farms.. 55	50	Yams .....	farms.. 33	29
..... acres..	42	29	..... acres..	14	12
pounds harvested..	186 473	92 880	pounds harvested..	34 868	12 760
Eggplant .....	farms.. 54	38	Other field crops and vegetables .....	farm.. 45	23
..... acres..	20	13	..... acres..	69	19
pounds harvested..	52 935	28 348	pounds harvested..	173 840	32 330
Melons, excluding watermelons .....	farms.. 22	(NA)			
..... acres..	54	21			
pounds harvested..	174 325	52 790			

**Table 6. Fruits, Nuts, and Ornamental Plants and Other Nursery Products: 1990 and 1980**

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

Item	1990	1980	Item	1990	1980
Avocados .....	farms... 64 trees... 447 pounds harvested <sup>1</sup> ... 4 459	99 687 8 200	Lemons .....	farms... 155 trees... 1 057 pounds harvested <sup>1</sup> ... 9 391	159 1 338 6 990
Bananas .....	farms... 211 clusters... 36 216 pounds harvested <sup>1</sup> ... 116 232	213 19 871 85 989	Limes .....	farms... 31 trees... 156 pounds harvested <sup>1</sup> ... 3 467	28 122 4 315
Betelnuts .....	farms... 111 trees... 13 257 pounds harvested <sup>1</sup> ... 84 864	100 6 860 12 536	Mangoes .....	farms... 136 trees... 1 033 pounds harvested <sup>1</sup> ... 15 441	148 962 37 750
Breadfruits .....	farms... 105 trees... 830 pounds harvested <sup>1</sup> ... 18 129	104 674 15 987	Papayas .....	farms... 102 trees... 4 427 pounds harvested <sup>1</sup> ... 35 153	136 3 912 33 756
Coconuts .....	farms... 189 trees... 16 795 pounds harvested <sup>1</sup> ... 114 963	230 26 733 181 479	Pineapples .....	farms... 48 plants... 11 716 number harvested <sup>1</sup> ... 5 521	69 11 866 4 510
Green oranges .....	farms... 77 trees... 852 pounds harvested <sup>1</sup> ... 3 339	95 633 8 925	Starfruits .....	farms... 42 trees... 109 pounds harvested <sup>1</sup> ... 893	81 3 355
Guavas .....	farms... 92 trees... 746 pounds harvested <sup>1</sup> ... 1 063	59 897 872	Tangerines .....	farms... 90 trees... 883 pounds harvested <sup>1</sup> ... 8 210	106 917 10 842
			Other fruits, nuts, and tree crops .....	farms... 35 trees or plants... 965 pounds harvested <sup>1</sup> ... 767	12 179 342
			Ornamental plants and other nursery products <sup>2</sup> .....	farms... 8 sq ft under cover... 19 160 acres... 1	(NA) (NA) (NA)

<sup>1</sup>Data are for 1989 and 1979  
<sup>2</sup>Data are for 1989.

**Table 7. Livestock and Livestock Products, Poultry and Poultry Products, and Fish: 1990 and 1980**

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

Item	1990	1980	Item	1990	1980
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>			<b>LIVESTOCK AND LIVESTOCK PRODUCTS— Con.</b>		
Cattle and calves of all ages .....	farms... 98 number... 5 300	113 8 339	Other livestock .....	farms... 11 number... 180	2 (D)
Milk cows .....	farms... 26 number... 236	19 1 493	<b>POULTRY AND POULTRY PRODUCTS</b>		
Other cattle and calves .....	farms... 88 number... 5 064	109 6 846	Chickens .....	farms... 198 number... 15 689 Sales <sup>1</sup> ... 1 309	186 9 432 54
Hogs and pigs of all ages .....	farms... 197 number... 2 816	161 2 904	Other poultry .....	farms... 51 number... 1 849	30 514
Goats and kids of all ages .....	farms... 51 number... 691	58 726	<b>FISH<sup>1</sup></b>		
Horses, mules, and colts of all ages .....	farms... 5 number... 41	2 (D)	Caught .....	farms... 5 pounds... 1 800	93 38 230
			Sales .....	farms... - pounds... - dollars... -	15 6 688 7 590

<sup>1</sup>Data are for 1989 and 1979

**Table 8. Farms, Land in Farms, and Land Use, by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
Farms ..... number..	346	299	4	8	67	77	245	137	30	77
Land in farms <sup>1</sup> ..... acres..	16 442	12 187	141	431	1 424	1 635	3 295	1 684	11 582	8 437
Cropland ..... farms..	281	289	4	6	60	77	195	135	22	75
..... acres..	5 235	2 643	68	74	428	610	667	541	4 072	1 418
Used for crops ..... farms..	270	280	4	6	56	73	190	129	20	72
..... acres..	769	950	(D)	(D)	(D)	335	494	(D)	49	219
Used for other purposes ..... farms..	80	146	1	1	31	43	43	56	5	46
..... acres..	4 466	1 693	(D)	(D)	(D)	275	174	(D)	4 023	1 199
Pastureland, except cropland pastured ..... farms..	124	129	4	7	27	33	76	46	17	43
..... acres..	5 534	8 706	62	342	847	992	2 099	958	2 526	6 414
Other land ..... farms..	218	132	4	4	41	15	156	72	17	41
..... acres..	5 673	839	11	15	149	33	529	185	4 985	606

<sup>1</sup>Detail may not add to total due to rounding.

**Table 9. Size of Farm by Municipalities: 1990 and 1980**

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

Farms	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
Farms ..... number..	346	299	4	8	67	77	245	137	30	77
..... acres..	16 442	12 187	141	431	1 424	1 635	3 295	1 684	11 582	8 437
Farms by size:										
Less than 1 acre ..... number..	61	10	-	-	4	1	55	7	2	2
..... acres..	25	3	-	-	(D)	(D)	24	2	(D)	(D)
1 to 2 ..... number..	77	46	-	1	10	9	61	36	6	-
..... acres..	150	84	-	(D)	21	(D)	118	61	12	-
3 to 4 ..... number..	46	42	-	-	8	2	36	39	2	1
..... acres..	179	161	-	-	(D)	(D)	142	149	(D)	(D)
5 to 7 ..... number..	54	94	-	-	15	23	30	29	9	42
..... acres..	330	560	-	-	94	129	181	165	56	266
8 to 9 ..... number..	13	8	-	-	1	1	12	4	-	3
..... acres..	115	71	-	-	(D)	(D)	(D)	(D)	-	27
10 to 19 ..... number..	45	55	1	1	12	22	29	12	3	20
..... acres..	613	711	(D)	(D)	164	290	(D)	(D)	44	267
20 to 39 ..... number..	22	20	1	3	3	10	15	4	3	3
..... acres..	585	521	(D)	(D)	75	277	405	93	(D)	(D)
40 to 49 ..... number..	4	4	-	-	4	2	-	1	-	1
..... acres..	177	179	-	-	177	(D)	-	(D)	-	(D)
50 acres or more ..... number..	24	20	2	3	10	7	7	5	5	5
..... acres..	14 267	9 901	(D)	341	(D)	809	1 929	993	11 384	7 758

<sup>1</sup>Detail may not add to total due to rounding.

**Table 10. Selected Farm Characteristics by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
Farms by type of holding:										
Home consumption holding ..... number..	232	170	2	-	56	53	162	64	12	53
Sale holdings ..... number..	114	129	2	8	11	24	83	73	18	24
Crop ..... number..	61	53	-	1	7	2	46	41	8	9
Livestock and/or poultry ..... number..	27	23	1	4	1	6	20	7	5	6
Mixed ..... number..	21	53	1	3	3	16	13	25	4	9
Other ..... number..	5	-	-	-	-	-	4	-	1	-
Farms by tracts or pieces of land:										
1 tract ..... number..	257	212	4	8	32	54	203	93	18	57
2 tracts ..... number..	50	53	-	-	17	16	24	21	9	16
3 tracts or more ..... number..	39	34	-	-	18	7	18	23	3	4

**Table 11. Farms, Land in Farms, and Tenure of Operator, by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
Farms..... number..	346	299	4	8	67	77	245	137	30	77
Land in farms <sup>1</sup> ..... acres..	16 442	12 187	141	431	1 424	1 635	3 295	1 684	11 582	8 437
Cropland used for crops..... acres..	769	950	60	66	167	335	494	330	49	219
Tenure of operator:										
Operators.....	346	299	4	8	67	77	245	137	30	77
Full owners.....	237	226	-	4	32	51	188	116	17	55
Part owners.....	49	36	-	-	28	20	18	7	3	9
Tenants.....	60	37	4	4	7	6	39	14	10	13
Land in farms (acres):										
Full owners.....	1 565	1 818	-	65	328	437	1 130	847	107	469
Part owners.....	3 139	2 116	-	-	1 059	1 087	1 762	793	318	236
Tenants.....	11 739	8 253	141	366	37	111	403	44	11 157	7 732
Cropland used for crops (acres):										
Full owners.....	390	607	-	(NA)	92	(NA)	282	(NA)	16	(NA)
Part owners.....	227	187	-	(NA)	64	(NA)	141	(NA)	22	(NA)
Tenants.....	153	155	60	(NA)	12	(NA)	70	(NA)	11	(NA)

<sup>1</sup>Detail may not add to total due to rounding.

**Table 12. Field Crops, Melons, and Vegetables, by Municipalities: 1989 and 1979**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
Cassava..... farms..	17	30	2	5	-	1	12	24	3	-
acres..	11	21	(D)	(D)	-	(D)	8	17	(D)	-
pounds harvested..	23 250	41 960	(D)	(D)	-	(D)	16 550	35 560	(D)	-
Chinese cabbage..... farms..	46	29	-	2	5	9	35	16	6	2
acres..	23	9	-	(D)	2	3	18	5	4	(D)
pounds harvested..	72 508	27 610	-	(D)	1 490	1 530	56 488	25 735	14 530	(D)
Corn..... farms..	18	14	-	(NA)	2	(NA)	12	(NA)	4	(NA)
acres..	6	8	-	(NA)	(D)	(NA)	4	(NA)	(D)	(NA)
pounds harvested..	5 510	9 100	-	(NA)	(D)	(NA)	4 360	(NA)	(D)	(NA)
Cucumbers..... farms..	55	50	-	3	5	8	43	35	7	4
acres..	42	29	-	2	2	3	37	17	2	7
pounds harvested..	186 473	92 880	-	1 600	3 300	2 600	176 698	83 180	6 475	5 500
Eggplant..... farms..	54	38	-	2	4	6	44	29	6	1
acres..	20	13	-	(D)	1	4	16	7	3	(D)
pounds harvested..	52 935	28 348	-	(D)	2 835	10 530	44 995	15 918	5 105	(D)
Melons, excluding watermelons..... farms..	22	(NA)	-	(NA)	3	(NA)	18	(NA)	1	(NA)
acres..	54	21	-	(NA)	(D)	(NA)	51	(NA)	(D)	(NA)
pounds harvested..	174 325	52 790	-	(NA)	(D)	(NA)	170 025	(NA)	(D)	(NA)
Sweetpotatoes..... farms..	30	42	-	3	12	14	14	23	4	2
acres..	19	19	-	(D)	11	9	3	7	5	(D)
pounds harvested..	25 274	26 040	-	(D)	18 560	6 150	4 714	18 290	2 000	(D)
Taro..... farms..	64	46	-	3	14	14	44	25	6	4
acres..	35	27	-	2	20	7	11	12	4	6
pounds harvested..	33 130	21 530	-	1 700	17 800	2 960	10 530	11 720	4 800	5 150
Watermelons..... farms..	28	46	-	4	5	12	18	22	5	8
acres..	75	74	-	2	4	10	52	13	19	49
pounds harvested..	192 715	143 030	-	4 050	3 900	35 850	125 815	29 130	63 000	74 000
Yams..... farms..	33	29	2	2	6	9	23	18	2	-
acres..	14	12	(D)	(D)	1	(D)	12	8	(D)	-
pounds harvested..	34 868	12 760	(D)	(D)	1 055	(D)	32 513	9 910	(D)	-
Other field crops and vegetables..... farms..	45	23	-	(NA)	4	(NA)	38	(NA)	3	(NA)
acres..	69	19	-	(NA)	4	(NA)	64	(NA)	1	(NA)
pounds harvested..	173 840	32 330	-	(NA)	10 650	(NA)	161 925	(NA)	1 265	(NA)

**Table 13. Fruits, Nuts, and Ornamental Plants and Other Nursery Products, by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
Avocados										
farms	64	99	-	-	18	35	42	58	4	6
trees	447	687	-	-	132	413	308	261	7	13
pounds harvested <sup>1</sup>	4 459	8 200	-	-	500	1 610	3 809	6 555	150	35
Bananas										
farms	211	213	3	4	40	54	150	99	18	56
clusters	36 216	19 871	1 200	1 950	6 054	4 174	26 674	10 291	2 288	3 456
pounds harvested <sup>1</sup>	116 232	85 989	5 400	20 500	15 608	4 515	75 859	46 799	19 365	14 175
Betelnuts										
farms	111	100	2	3	14	18	87	72	8	7
trees	13 257	6 860	(D)	55	2 283	1 089	9 537	5 626	(D)	90
pounds harvested <sup>1</sup>	84 864	12 536	(D)	300	5 010	1 410	77 729	10 826	(D)	-
Breadfruits										
farms	105	104	3	2	25	36	70	53	7	13
trees	830	674	315	(D)	172	349	330	208	13	(D)
pounds harvested <sup>1</sup>	18 129	15 987	11 000	(D)	1 600	1 040	5 529	11 997	-	(D)
Coconuts										
farms	189	230	3	4	44	66	128	101	14	59
trees	16 795	26 733	3 600	4 300	3 547	6 471	8 366	11 887	1 282	4 075
pounds harvested <sup>1</sup>	114 963	181 479	31 700	38 000	27 800	1 115	49 423	133 444	6 040	8 920
Green oranges										
farms	77	95	-	2	27	31	44	37	6	25
trees	852	633	-	(D)	646	374	182	133	24	(D)
pounds harvested <sup>1</sup>	3 339	8 925	-	(D)	2 530	3 230	804	2 540	5	(D)
Guavas										
farms	92	59	-	-	18	9	66	40	8	10
trees	746	897	-	-	223	546	433	325	90	26
pounds harvested <sup>1</sup>	1 063	872	-	-	60	100	486	737	517	35
Lemons										
farms	155	159	-	2	30	55	110	58	15	44
trees	1 057	1 338	-	(D)	227	387	740	513	90	(D)
pounds harvested <sup>1</sup>	9 391	6 990	-	(D)	945	2 590	6 876	3 565	1 570	(D)
Limes										
farms	31	28	-	-	4	6	26	19	1	3
trees	156	122	-	-	(D)	40	119	75	(D)	7
pounds harvested <sup>1</sup>	3 467	4 315	-	-	(D)	-	3 387	4 315	(D)	-
Mangoes										
farms	136	148	2	1	21	35	104	80	9	32
trees	1 033	962	(D)	(D)	108	133	737	663	(D)	(D)
pounds harvested <sup>1</sup>	15 441	37 750	(D)	(D)	1 450	2 070	13 821	35 570	(D)	(D)
Papayas										
farms	102	136	-	1	21	24	69	75	12	36
trees	4 427	3 912	-	(D)	851	(D)	3 231	2 168	345	1 135
pounds harvested <sup>1</sup>	35 153	33 756	-	(D)	1 390	(D)	30 988	24 801	2 775	3 315
Pineapples										
farms	48	69	-	4	10	18	36	32	2	15
plants	11 716	11 866	-	920	(D)	2 548	9 419	7 883	(D)	515
number harvested <sup>1</sup>	5 521	4 510	-	920	(D)	192	4 484	3 348	(D)	50
Starfruits										
farms	42	41	-	-	4	7	35	30	3	4
trees	109	81	-	-	14	16	91	61	4	4
pounds harvested <sup>1</sup>	893	3 355	-	-	100	75	793	3 280	-	-
Tangerines										
farms	90	106	-	-	14	44	66	41	10	21
trees	883	917	-	-	257	588	585	215	41	114
pounds harvested <sup>1</sup>	8 210	10 842	-	-	600	3 510	7 282	7 222	328	110
Other fruits, nuts, and tree crops										
farms	35	12	-	(NA)	10	(NA)	22	(NA)	3	(NA)
trees or plants	965	179	-	(NA)	132	(NA)	294	(NA)	539	(NA)
pounds harvested <sup>1</sup>	767	342	-	(NA)	90	(NA)	667	(NA)	10	(NA)
Ornamental plants and other nursery products <sup>2</sup>										
farms	8	(NA)	-	(NA)	-	(NA)	8	(NA)	-	(NA)
sq ft under cover	19 160	(NA)	-	(NA)	-	(NA)	19 160	(NA)	-	(NA)
acres	1	(NA)	-	(NA)	-	(NA)	1	(NA)	-	(NA)

<sup>1</sup>Data are for 1989 and 1979

<sup>2</sup>Data are for 1989



**Table 14. Livestock and Livestock Products, Poultry and Poultry Products, and Fish, by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
<b>LIVESTOCK AND LIVESTOCK PRODUCTS</b>										
Cattle and calves of all ages..... farms..	98	113	3	8	30	42	52	47	13	16
..... number..	5 300	8 339	19	217	542	971	577	741	4 162	6 410
Milk cows..... farms..	26	19	-	(NA)	10	(NA)	16	(NA)	-	(NA)
..... number..	236	1 493	-	4	89	220	147	14	-	1 255
Other cattle and calves..... farms..	88	109	3	7	28	41	44	45	13	16
..... number..	5 064	6 846	19	213	453	751	430	727	4 162	5 155
Hogs and pigs of all ages..... farms..	197	161	4	8	31	36	143	88	19	29
..... number..	2 816	2 904	270	1 822	249	182	2 138	754	159	146
Goats and kids of all ages..... farms..	51	58	4	5	7	7	33	35	7	11
..... number..	691	726	237	296	29	19	313	252	112	159
Horses, mules, and colts of all ages..... farms..	5	2	-	(NA)	-	(NA)	3	(NA)	2	(NA)
..... number..	41	(D)	-	(NA)	-	(NA)	(D)	(NA)	(D)	(NA)
Other livestock..... farms..	11	2	-	(NA)	2	(NA)	9	(NA)	-	(NA)
..... number..	180	(D)	-	(NA)	(D)	(NA)	(D)	(NA)	-	(NA)
<b>POULTRY AND POULTRY PRODUCTS</b>										
Chickens..... farms..	198	186	4	8	38	52	138	81	18	45
..... number..	15 689	9 432	155	1 050	1 513	1 773	12 616	5 066	1 405	1 543
Sales <sup>1</sup> ..... farms..	7	5	-	-	1	2	4	3	2	-
..... number..	1 309	54	-	-	(D)	(D)	1 249	(D)	(D)	-
Other poultry..... farms..	51	30	-	5	11	-	35	21	5	4
..... number..	1 849	514	-	104	299	-	1 491	395	59	15
<b>FISH<sup>1</sup></b>										
Caught..... farms..	5	93	2	7	-	25	3	26	-	35
..... pounds..	1 800	38 230	(D)	9 200	-	12 025	(D)	11 460	-	5 545
Sales..... pounds..	-	6 688	-	-	-	5 013	-	1 375	-	300
..... dollars..	-	7 590	-	-	-	5 670	-	1 585	-	335

<sup>1</sup>Data are for 1989 and 1979.

**Table 15. Selected Equipment and Specified Facilities by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
<b>SELECTED EQUIPMENT</b>										
Tractors of all kinds..... farms..	42	40	-	-	3	12	31	26	8	2
..... number..	56	60	-	-	4	(D)	35	37	17	(D)
Motortrucks..... farms..	31	7	-	-	1	-	22	6	8	1
..... number..	40	10	-	-	(D)	-	28	(D)	(D)	(D)
Automobiles..... farms..	143	158	-	-	40	37	89	62	14	59
..... number..	198	187	-	-	57	39	120	75	21	73
<b>FARMS BY SPECIFIED FACILITIES</b>										
Electricity.....	149	90	-	-	8	1	121	73	20	16
No electricity.....	197	209	4	8	59	76	124	64	10	61
Piped running water.....	186	143	-	-	21	34	141	91	24	18
No piped running water.....	160	156	4	8	46	43	104	46	6	59

**Table 16. Operator Characteristics by Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
<b>Operators by place of residence:</b>										
On farm operated .....	136	103	3	2	11	3	106	80	16	18
Not on farm operated .....	210	194	1	6	56	74	139	55	14	59
Not reported .....	-	2	-	-	-	-	-	2	-	-
<b>Operators by years on present farm:</b>										
Less than 2 years .....	77	40	-	-	17	7	55	21	5	12
2 to 4 years .....	89	104	1	1	18	24	61	34	9	45
5 to 9 years .....	62	44	-	2	6	4	52	33	4	5
10 years or more .....	118	104	3	4	26	42	77	43	12	15
Not reported .....	-	7	-	1	-	-	-	6	-	-
<b>Operators by age group:</b>										
Under 25 years .....	7	16	1	-	1	3	4	11	1	2
25 to 34 years .....	71	62	-	3	18	17	45	20	8	22
35 to 44 years .....	109	49	-	2	17	14	83	17	9	16
45 to 54 years .....	89	65	3	1	10	18	69	36	7	10
55 to 64 years .....	43	54	-	1	13	15	27	27	3	11
65 years and over .....	27	23	-	-	8	8	17	12	2	3
Not reported .....	-	30	-	1	-	2	-	14	-	13
Average age .....	45	45	45	42	45	46	45	46	42	42
<b>Operators by main occupation:</b>										
Agricultural .....	71	63	2	6	13	16	41	32	15	9
acres .....	10 834	9 632	(D)	(NA)	(D)	(NA)	385	(NA)	10 176	(NA)
Nonagricultural .....	275	231	2	2	54	61	204	101	15	67
acres .....	5 609	2 524	(D)	(NA)	(D)	(NA)	2 910	(NA)	1 407	(NA)
Not reported .....	-	5	-	-	-	-	-	4	-	1
acres .....	-	31	-	-	-	-	-	(NA)	-	(NA)
<b>Operators by days of work off farm:<sup>1</sup></b>										
None .....	72	54	2	8	5	7	62	37	3	2
Any .....	274	227	2	-	62	70	183	83	27	74
1 to 49 days .....	35	74	-	-	5	8	28	43	2	23
50 to 99 days .....	33	31	-	-	16	15	16	8	1	8
100 to 149 days .....	30	32	-	-	13	19	15	5	2	8
150 to 199 days .....	17	26	-	-	8	12	7	7	2	7
200 days or more .....	159	64	2	-	20	16	117	20	20	28
Not reported .....	-	18	-	-	-	-	-	17	-	1

<sup>1</sup>Data are for 1989 and 1979.

**Table 17. Farms by Source of Financing for Municipalities: 1990 and 1980**

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

Item	Northern Mariana Islands		Northern Islands		Rota		Saipan		Tinian	
	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980
<b>Operator:</b>										
1 to 49 percent .....	2	4	-	-	-	-	2	3	-	1
50 to 99 percent .....	7	6	-	-	3	-	4	4	-	2
100 percent .....	316	256	2	8	62	77	223	97	29	74
<b>Private:</b>										
1 to 49 percent .....	2	-	-	-	-	-	2	-	-	-
50 to 99 percent .....	1	5	-	-	-	-	1	5	-	-
100 percent .....	14	23	2	-	2	-	10	23	-	-
<b>Commercial:</b>										
1 to 49 percent .....	2	-	-	-	1	-	1	-	-	-
50 to 99 percent .....	1	-	-	-	-	-	1	-	-	-
100 percent .....	2	-	-	-	-	-	1	-	1	-
<b>Government:</b>										
1 to 49 percent .....	1	1	-	-	-	-	1	1	-	-
50 to 99 percent .....	1	-	-	-	-	-	1	-	-	-
100 percent .....	1	1	-	-	-	-	1	1	-	-
<b>Other:</b>										
1 to 49 percent .....	1	2	-	-	-	-	1	2	-	-
50 to 99 percent .....	5	4	-	-	2	-	3	1	-	3
100 percent .....	2	3	-	-	-	-	2	3	-	-
Source not reported .....	-	5	-	-	-	-	-	5	-	-

# APPENDIX A

## General Explanation

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### DATA COLLECTION

#### Method of Enumeration

The census of agriculture was conducted by direct enumeration beginning in April 1990 in conjunction with the population and housing censuses. On the last page of the population and housing questionnaire was an agriculture screening section. The enumerator was required to complete an agriculture questionnaire when a "yes" answer was received to any one of the five screening questions.

#### Questionnaire

The questionnaire for the 1990 Census of Agriculture in the Northern Mariana Islands was prepared by the Agriculture Division, Bureau of the Census, in cooperation with the Government of the Northern Mariana Islands.

The content of the 1990 census questionnaire is similar to the 1980 questionnaire. Quantity sold and value of sales were added to the crops and livestock sections. Other additions and deletions were made based on discussions with the Government of the Northern Mariana Islands and with respect to published tables in the 1980 census.

#### Followup Procedures

An enumerator was instructed to visit a farm up to three times. If no one was available to complete the questionnaire, the case would then be given to the supervisor. If all attempts to obtain the information from the farm operator failed, the information might then be obtained from a neighbor or by observation of the place.

### DATA PROCESSING

The processing was done in the Agriculture Division at the Bureau of the Census. Each questionnaire was edited and coded prior to being keyed and tabulated. The questionnaires were examined for accuracy, consistency, and

completeness. Errors in computations and in units of measure, inconsistencies, and misplaced entries were corrected. Incomplete reports were adjusted on the basis of related information on the same form or on questionnaires for nearby farms of similar type and size.

After all questionnaires had been reviewed, the data were keyed and subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for completeness and consistency. Inconsistencies identified by the edit were corrected by subject matter specialists and reedited. The data were then tabulated by the computer for analysis. Following necessary corrections, the data were retabulated for final publication.

### MAJOR DATA CHANGES

Prior to each agriculture census, the Bureau of the Census reviews the content of the census forms to eliminate questions no longer needed, identify new items necessary to meet user needs, and to better describe the agriculture situation in the Northern Mariana Islands. Data requests are solicited from government agencies in the Northern Mariana Islands. The following changes were made to the 1990 questionnaire:

- Additions:
  - Information on landlords
  - Ornamental plants and nursery crops
  - Chicken eggs value
  - Quarts of milk
  - Quantity and value of sales in the crops and livestock sections
- Deletions:
  - Coffee

### FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1990 Census of Agriculture for American Samoa and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, Government Payments and Market Value of Agricultural Products Sold, and ZIP Code Tabulations of Selected Items.

Also, there is a 1987 Economic Censuses of Outlying Areas publication for the Commonwealth of the Northern Mariana Islands (OA87-E-7).

## DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of terms used in this publication than are available in the tables or on the questionnaire. For an exact wording of the questions on the 1990 questionnaire, see appendix B.

In the tables, data for land in farms, land use, fruit and nut trees, and livestock and poultry on hand represent the situation existing at the time of enumeration of each farm. The enumeration for the 1990 Census of Agriculture began in April 1990 and the 1980 census in April 1980. All other data, such as that relating to acres and production, are for the calendar years 1989 and 1979. Sales are for 1989 only.

**Farm operator**—The term “operator” designates a person who operates a farm, either by doing the work himself/herself or directly supervising the work. The operator may be the owner, a member of the owner’s household, a tenant or renter, the manager, or the person in charge of an institutional farm. By definition, the number of farm operators is the same as the number of farms.

**Farms or farms reporting**—The term “farms” or “farms reporting” in the presentation of data denotes the number of farms reporting the item.

**Land in farms**—The land in farms was determined from the answers to questions 1 through 4 in section 1 of the questionnaire (see app. B). The amounts of land reported as owned and 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.” Although the area designated land in farms consists primarily of agricultural land, i.e.—land used for crops, pasture, or grazing—it also included areas of land not actually under cultivation nor used for pasture or grazing. For example, woodland and wasteland owned or rented from others were included as land in farms unless the report indicated it was being held for nonagricultural purposes, such as recreational or for timber.

**Land owned**—This includes all land held by the operator or his/her spouse under title, purchase contract, or as heir or trustee of an undivided estate at the time of enumeration. Land managed by a hired manager also was considered owned.

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

**Land rented to others**—This includes all land the operator rented or leased to others and all land assigned to others on shares or rent free during the past year. For

the most part, the land rented to others represents agricultural land, but it also may include 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 the 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 is categorized according to the way it was being used on enumeration day. The land uses described in the following paragraphs are mutually exclusive in that each acre of land is counted only once, even though it may have had more than one use during the year.

- **Cropland used for crops**—This includes all land planted in crops at the time of enumeration. Land was to be reported only once, even if two or more crops were planted on the same land. It includes field crops that were grazed when mature or almost mature; land in bearing and nonbearing fruit and nut trees or plants, or any other tree crops; land that had partial but not total crop failure; and land in home gardens.
- **Cropland not used for crops**—This includes all land that the operator considered as cropland but on which no crops were planted. It includes land used for pasture and grazing that the operator feels could have been used for crops; land with total crop failure as a result of drought, flood, insect, fire, or other causes; idle and fallow cropland; and cropland with soil improvement grass, cover crops, etc., for the purpose of improvement.
- **Pasture or grazing land**—This includes all land suitable for pasture or grazing, except land used for crops and cropland pasture whether or not used for grazing livestock. It also includes woodland being used for pasture.
- **Other land**—This includes all land that did not qualify either as cropland or pastureland. It includes land in house and building lots, lanes, roads, ditches, ponds, swamps, steep slopes, wasteland, brushland, and nonpastured woodland.

**Type of holding**—Agricultural operations were classified according to the response the enumerator obtained from the farm operator as to whether the farm was producing mainly for home consumption or mainly for sale.

- **Holdings producing mainly for home consumption**—This applies to holdings from which more than 50 percent of the agricultural output was consumed by the holder’s household.
- **Holdings producing mainly for sale**—This applies to holdings from which 50 percent or more of the agricultural output was for sale. These holdings were further classified by the farm operator according to their most important activity. If 50 percent or more of

the value was from one of the following, the holding was named accordingly.

- Crop holding is one which the value of sales from crops was more than 50 percent.
- Livestock and/or poultry holding is one which the value of sales from livestock and livestock products and/or poultry and poultry products was more than 50 percent.
- Mixed holding is one which the value of sales was mainly a combination of sales of crops, livestock, livestock products, and/or poultry and poultry products.
- Other holding is one which the value of sales was mainly from the sale of agricultural products not listed in the previous groups.

**Crops harvested**—The questionnaire contained individual inquiries for crops commonly grown and space to write in crops less frequently produced for the year 1990.

- **Field crops, melons, and vegetables**—The number of acres harvested, the total quantity of each crop harvested, the quantity sold, and value of sales during 1989 were to have been reported.

When two or more crops or two or more plantings of the same crop were harvested from the same land during the year, the acres were to be reported separately for each crop or planting.

- **Fruits and nuts**—For fruits grown on farms, information was obtained on the total trees both bearing and nonbearing, that were on the place on enumeration day. The total quantity harvested, the quantity sold, and value of sales were for 1989.
- **Nursery and ornamental plants**—Data reflect the number of square feet, acres, and value of sales for 1989.

**Livestock and poultry**—Data show the number on hand at the time of enumeration. All livestock and poultry on the place were counted at the time of the enumeration regardless of ownership.

Sales data were collected for all livestock, poultry, and fish sold from the place during 1989, as well as the dozens of eggs sold.

“Milk cows” were defined as cows that had been on the place on the day of enumeration and were milked at any time during 1989. All other cows were to be included in the data for “Other cattle and calves.”

**Equipment**—The following types of equipment on the place at the time of enumeration, regardless of ownership, were reported as long as they were in operating condition and used in the farm business.

- **Tractors**—This includes all wheel and tracklaying (crawler) tractors, garden tractors, and homemade tractors, other than motor tillers.
- **Motortrucks**—This includes pickup trucks, truck-trailer combinations, jeeps, and station wagons, if used primarily as trucks.
- **Automobiles**—This includes jeeps and station wagons used primarily as passenger cars.

**Facilities**—The presence or absence of electricity and/or piped running water on the place was reported.

- **Electricity**—This includes electrical power anywhere on the place including the dwelling of the operator.
- **Piped running water**—This includes water in pipelines by a pressure system or by gravity flow from natural or artificial sources. Water from a hand pump was not considered to be piped running water.

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

1. **Residence of operator**—Farm operators were classified by residence according to whether or not they lived on the farms they were operating. Some of those who did not live on the farms they operated lived on farms operated by others. If all the land was rented from others or worked on shares for others, the operator was considered to live on the farm operated if the dwelling was included in the rental agreement. In such cases, the dwelling was not necessarily on the farm operated. Similarly, an operator who did not live on the land being cultivated, but who had some agricultural operations (other than a home garden) at his/her dwelling, was considered to be living on the farm operated.
2. **Year began operating present farm**—Enumerators were instructed to obtain the year an operator began to operate the farm, i.e., the first year the operator took continuous charge of the present farm or any part of it.
3. **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 reported by the number reported.
4. **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 nonagricultural.
5. **Work off farm**—Only work by the operator for pay was to be reported. Days worked off the place were to include work at another farm or a nonfarm business, such as a store or repair shop; or at a

profession such as doctor, lawyer, or teacher. Exchange work or work done by the operator in exchange for comparable work done by someone else was not to be reported.

## **FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS**

Tables 21 through 24 present detailed data for farms classified by specified characteristics—tenure of operator, size of farm, age of operator, and value of agricultural products sold.

**Farms by tenure of operator**—Farms were classified by tenure of operator on the basis of information reported for land owned, rented from others, or worked on shares for others. During the processing operations, each questionnaire was coded to indicate whether the farm operator was a full owner, a part owner, or a tenant. The various classifications of tenure are:

- Full owners operate only land they own.
- Part owners operate land they own plus land they rent from others.
- Tenants only operate the land they rent from others or work on shares for others.

**Farms by size**—Farms were classified by size on the basis of the total land area determined for 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 his/her entire land holding to be one unit rather than several separate units.

**Farms by age of operator**—Farms were classified by age of operator on the basis of information reported to the enumerator that was entered on the report form. The operator's age was classified into one of the age groups found in table 23.

**Farms by value of agricultural products sold**—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 vegetables, field crops, fruits and nuts, nursery and ornamental plants, livestock, poultry, fish, and eggs was obtained from the operator at the time of enumeration. These values were classified into one of the groups found in table 24.

## **CENSUS NONSAMPLING ERROR**

All data originated from a complete enumeration and, therefore, are not subject to sampling variability. However, the data are subject to nonsampling errors. Nonsampling errors can be attributed to many sources:

- Inability to identify all cases in the actual universe.
- Inability or unwillingness on the part of respondents to provide correct information.
- Definition and classification difficulties.
- Differences in the interpretation of questions.
- Errors in recording or coding the data obtained.
- Other errors of collection, response, coverage, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors. No direct measures of these effects have been obtained; however, precautionary steps were taken in all phases of data collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

# APPENDIX B. Report Form

OMB No. 0607-0667: Approval Expires 09/30/90

**NOTICE** — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by persons who have sworn to uphold the confidentiality of the census and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.

FORM **90-A1(NM)** U.S. DEPARTMENT OF COMMERCE  
(10-4-85) BUREAU OF THE CENSUS

## 1990 CENSUS OF AGRICULTURE NORTHERN MARIANA ISLANDS

CENSUS USE ONLY				
036	036	037	038	039

### Part A — QUESTIONNAIRE IDENTIFICATION

Island number	FARM SERIAL NUMBER			CENSUS USE ONLY
	ARA	Block	Map Spot	

Name of island \_\_\_\_\_

Municipality \_\_\_\_\_

### Part B — OPERATOR'S NAME AND PHYSICAL LOCATION

Full name (First name, middle initial, last name) \_\_\_\_\_

Physical Location (Describe) \_\_\_\_\_

**READ TO RESPONDENT** — We estimate that it will take from 10 to 20 minutes to complete this report, with 15 minutes being the average time. If you have any comments regarding these estimates or any other aspect of the census, refer to the information on Form D-31.

### INSTRUCTIONS

#### Reporting land in section 1

This section is for recording information on all agricultural land the operator is associated with and for reporting the names of all landlords.

**Question 1 — Acres owned** — Report all land owned whether held under title, purchase contract or mortgage, or as heir or trustee of an undivided estate, by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

**Question 2 — Acres rented or leased FROM OTHERS** — Report all land rented, even though the landlord may have supplied equipment, fertilizer, or other materials and/or some supervision of the work.

**Question 3 — Acres rented TO OTHERS** — Include land rented to others for cash or a share of the crops or livestock or rent-free.

**Question 4 — Total acres in this place** — The entry is the sum of the acres owned, plus acres rented FROM OTHERS, minus the acres rented TO OTHERS. This entry represents all tracts of land regardless of where located in the Northern Mariana Islands that is operated by the person in charge.

### SECTION 1 LAND IN AGRICULTURE

001

	None	Acres	Tenths
1. How many acres do you own? .....	<input type="checkbox"/>	040	/10
2. How many acres do you rent FROM OTHERS? (Include land used rent-free) .....	<input type="checkbox"/>	042	/10
3. How many acres do you rent TO OTHERS? (Include land for which no rent is received) .....	<input type="checkbox"/>	044	/10
4. TOTAL ACRES IN THIS PLACE — Add acres owned (question 1) and acres rented (question 2), then SUBTRACT acres rented TO OTHERS (question 3), and enter the result in this space. →		045	/10

Name of landlord	Acres	Tenths
		/10
		/10
		/10

5. If you rented land FROM OTHERS, (question 2) enter the following information for each landlord. ....

6. How many separate TRACTS or PIECES of land or plantations are represented in the "Total acres in this place?" ..... 048 \_\_\_\_\_ Number of pieces

7. Is this holding producing mainly for home consumption or sale? (Mark (X) one) ..... 047

1 Home consumption — GO to question 9  
 2 Sale — ASK question 8

8. If producing mainly for sale, which of the following is it? (Mark (X) one) ..... 048

1 Crop holding  
 2 Livestock and/or poultry holding  
 3 Mixed holding  
 4 Other

9. What percent of the farm operation is financed by each of the following sources? ..... None

		Percent
a. Operator .....	<input type="checkbox"/>	049 %
b. Private .....	<input type="checkbox"/>	050 %
c. Commercial .....	<input type="checkbox"/>	051 %
d. Government .....	<input type="checkbox"/>	052 %
e. Other — Specify _____	<input type="checkbox"/>	053 %

**SECTION 2 FIELD CROPS, MELONS, AND VEGETABLES**

Did you harvest any **FIELD CROPS, MELONS, or VEGETABLES** in 1989 — such as yams, sweetpotatoes, taro, etc.?

- 002 1  Yes — Complete this section  
 2  No — GO to section 3

How many acres were harvested in 1989?		How many pounds were harvested in 1989?	How many pounds were sold in 1989?	What was the value of sales in 1989? (Dollars)
(a)		(b)	(c)	(d)
Acres	Tenths			
060	/10	061	082	063 \$
064	/10	065	066	067 \$
068	/10	059	070	071 \$
072	/10	073	074	075 \$
075	/10	077	078	079 \$
080	/10	081	082	083 \$
084	/10	085	088	087 \$
088	/10	089	090	091 \$
092	/10	093	094	095 \$
096	/10	097	098	099 \$
100	/10	101	102	103 \$

**SECTION 3 FRUITS AND NUTS**

Do you have any **FRUIT and NUT trees or plants** on this place — such as coconuts, bananas, mangoes, etc.? (Quantity harvested in 1989 and number of trees and plants on enumeration day.)

- 003 1  Yes — Complete this section  
 2  No — GO to question 16

How many trees or plants are on this place?	What quantity was harvested in 1989?	What quantity was sold in 1989?	What was the value of sales in 1989? (Dollars)
(a)	(b)	(c)	(d)
120	121	122	123 \$
124	Clusters	125 Pounds	126 Pounds \$
128	129	130 Pounds	131 Pounds \$
132	133	134 Pounds	135 Pounds \$
136	137	138 Pounds	139 Pounds \$
140	141	142 Pounds	143 Pounds \$
144	145	146 Pounds	147 Pounds \$
148	149	150 Pounds	151 Pounds \$
152	153	154 Pounds	155 Pounds \$
156	157	158 Pounds	159 Pounds \$
160	161	162 Pounds	163 Pounds \$
164	165	166 Fruits	167 Fruits \$
168	169	170 Pounds	171 Pounds \$
172	173	174 Pounds	175 Pounds \$
176	177	178 Pounds	179 Pounds \$

16. How many square feet under cover and/or acres did you have planted in **ORNAMENTAL PLANTS** or in any other **NURSERY CROPS**?

Square feet under cover	Acres	Tenths	What was the value of sales in 1989? (Dollars)
197	198	/10	199 \$



**SECTION 4 LAND USE**

004

Of the total acres in this place (section 1, question 4) —

- 1. How many acres are in crops?
- 2. How many acres are in other cropland (cropland pasture, crop failure, idle cropland, and cropland used for soil improvement)?
- 3. How many acres are in other pasture or grazing land? (Include woodland pasture. Do not include cropland pasture.)
- 4. How many acres are in other land? (Include houselots, roads, woodland not pastured, wasteland, etc.)
- 5. TOTAL LAND (Add entries in questions 1 through 4. Total should be equal to entry in section 1, question 4.)

None	Acres	Tenths
	201	/10
	202	/10
	203	/10
	204	/10
	205	/10

**SECTION 5 LIVESTOCK AND POULTRY**

005

How many of the following livestock and/or poultry are on this place today or were sold from this place in 1989?

- 1. Total cattle and calves of all ages (Total of "a" and "b" below)
- Of this total, how many are —
  - a. Milk cows
  - b. All other cattle and calves
- 2. Hogs and pigs of all ages
- 3. Goats and kids of all ages
- 4. Horses, mules, and colts of all ages
- 5. Other livestock — Specify
- 6. Chickens
- 7. Other poultry (ducks, pigeons, guineas, geese, turkeys, etc.) — Specify

None	How many are on this place today? (a)	How many were sold in 1989? (b)	What was the value of sales in 1989? (Dollars) (c)
	254	255	256 \$
	257	258	259 \$
	280	281	282 \$
	283	284	285 \$
	286	287	288 \$
	289	270	271 \$
	272	273	274 \$
	275	276	277 \$
	278	279	280 \$

- 8. How many dozens of chicken eggs were sold during 1989?
- 9. How many quarts of milk were sold during 1989?

None	What was the quantity sold in 1989? (a)	What was the value of sales in 1989? (Dollars) (b)
	301 Dozens	302 \$
	303 Quarts	304 \$

**SECTION 6 FISHERY**

008

- 1. How many pounds of fish were caught on this place in 1989?

None	Total pounds caught (a)	Total pounds sold (b)	Value of sales (Dollars) (c)
	305	308	307

**SECTION 7 SELECTED EQUIPMENT AND SPECIFIED FACILITIES USED ON THIS PLACE**

007

1. How many of the following are on this place? (Include all specified equipment on this place today, regardless of ownership, provided it is in operating condition.)

- a. Tractors of all kinds
- b. Motortrucks
- c. Automobiles
- 2. Do you have the following on this place?
  - a. Electricity  Yes  No
  - b. Piped running water  Yes  No

None	Number
	315
	318
	317



# INDEX

Item	New farm definition tables	Old farm definition tables	Item	New farm definition tables	Old farm definition tables
<b>A</b>			<b>G</b>		
Age of farm operator .....	3,17,21-24	3,16	Goats and kids.....	8,15,21-24	7,14
Agricultural products sold ....	5-8,13-15,19, 21-24	7,14	Green oranges.....	7,14,21-24	6,13
Automobiles .....	4,16,21-24	4,15	Guavas .....	7,14,21-24	6,13
Average size of farm .....	1,2,21-24	1,2	<b>H</b>		
Avocados.....	7,14,21-24	6,13	Hogs and pigs.....	8,15,21-24	7,14
<b>B</b>			Holdings for home consumption or sale .....	4,11,21-24	4,10
Bananas .....	7,14,21-24	6,13	Horses, mules, and colts .....	8,15,21-24	7,14
Betelnuts .....	7,14,21-24	6,13	<b>L</b>		
Breadfruits.....	7,14,21-24	6,13	Land in farms .....	1,2,9,12,20,21-24	1,2,8,11
<b>C</b>			Lemons .....	7,14,21-24	6,13
Cassava .....	6,13,21-24	5,12	Limes .....	7,14,21-24	6,13
Cattle and calves .....	8,15,21-24	7,14	Livestock and poultry:		
Milk cows .....	8,15,21-24	7,14	Number on place and		
Other cattle and calves ....	8,15,21-24	7,14	number sold.....	8,15,21-24	7,14
Chickens.....	8,15,21-24	7,14	Products sold, value of.....	5,8,15,19,21-24	
Chinese cabbage .....	6,13,21-24	5,12	<b>M</b>		
Coconuts .....	7,14,21-24	6,13	Machinery (see Equipment and specified facilities)		
Corn .....	6,13,21-24	5,12	Mangoes.....	7,14,21-24	6,13
Cropland:			Melons (exclude watermelons).....	6,13,21-24	5,12
Used for crops.....	1,9,12,21-24	1,8	Motortrucks.....	4,16,21-24	4,15
Used for other purposes....	1,9,21-24	1,8	<b>N</b>		
Cucumbers .....	6,13,21-24	5,12	Nursery products, ornamental plants and other .....	7,14,19,21-24	6,13
<b>E</b>			<b>O</b>		
Eggplant .....	6,13,21-24	5,12	Occupation of farm operator .	3,17,21-24	3,16
Egg sales.....	8,15,21-24		Off-farm work .....	3,17,21-24	3,16
Electricity .....	4,16,21-24	4,15	Operator characteristics .....	3,17,21-24	3,16
Equipment and specified facilities:			Operators by—		
Automobiles.....	4,16,21-24	4,15	Age .....	3,17,21-24	3,16
Electricity.....	4,16,21-24	4,15	Occupation.....	3,17,21-24	3,16
Motortrucks .....	4,16,21-24	4,15	Off-farm work .....	3,17,21-24	3,16
Tractors .....	4,16,21-24	4,15	Residence .....	3,17,21-24	3,16
Water, piped running.....	4,16,21-24	4,15	Tenure .....	3,12,21-24	3,11
<b>F</b>			Years on present farm .....	3,17,21-24	3,16
Facilities, specified.....	4,16,21-24	4,15	Ornamental plants and other nursery products.....	7,14,21-24	6,13
Farm operators (see Operators)			Other field crops and vegetables .....	6,13,21-24	5,12
Farms classified by—			Other fruits, nuts, and tree crops.....	7,14,21-24	6,13
Selected equipment .....	4,16,21-24	4,15	Other land .....	1,9,21-24	1,8
Size of farm .....	2,10,21-24	2,9	Other livestock .....	8,15,21-24	7,14
Source of financing.....	4,18,21-24	4,17	Other poultry .....	8,15,21-24	7,14
Specified facilities .....	4,16,21-24	4,15			
Tenure of operator .....	3,12,21-24	3,11			
Tracts or pieces of land....	4,11,21-24	4,10			
Type of holding .....	4,11,21-24	4,10			
Type of land ownership ....	4,20	4			
Value of agricultural products sold.....	5,19,21-24				
Farms, number.....	1,2,4,9,10,12,20, 21-24	1,2,4,8,9, 11			
Field crops .....	6,13,21-24	5,12			
Fruits and nuts .....	7,14,19,21-24	6,13			
Fish .....	5,8,15,21-24	7,14			

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Item	New farm definition tables	Old farm definition tables	Item	New farm definition tables	Old farm definition tables
<b>P</b>			<b>T—Con.</b>		
Papayas .....	7,14,21-24	6,13	Tenure of farm operator.....	3,12,21-24	3,11
Pastureland.....	1,9,21-24	1,8	Tractors.....	4,16,21-24	4,15
Pineapples.....	7,14,21-24	6,13	<b>V</b>		
Poultry .....	8,15,21-24	7,14	Value of agricultural products sold (also see individual products) .....	5,19,21-24	
Number on place and num- ber sold .....	8,15,21-24	7,14	Vegetables .....	6,13,21-24	5,12
<b>R</b>			<b>W</b>		
Residence of farm operator..	3,17,21-24	3,16	Water, piped running .....	4,16,21-24	4,15
<b>S</b>			Watermelons .....	6,13,21-24	5,12
Sale of agricultural products .	5-8,13-15,19, 21-24		Work off farm .....	3,17,21-24	3,16
Size of farm .....	2,10,21-24	2,9	<b>Y</b>		
Starfruits .....	7,14,21-24	6,13	Yams.....	6,13,21-24	5,12
Sweetpotatoes .....	6,13,21-24	5,12	Years on present farm, operator .....	3,17,21-24	3,16
<b>T</b>					
Tangerines .....	7,14,21-24	6,13			
Taro.....	6,13,21-24	5,12			

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# 1987

## Census of Agriculture

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Results available beginning in the fall of 1988. Statistical data available for all counties, states, and the United States.

### Data Include:

- Number of farms
- Land in farms
- Operator characteristics
- Type of organization
- Land use
- Size of farms
- Market value of agricultural products sold
- Livestock
- Poultry
- Poultry and livestock products
- Crops harvested
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Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

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- Chapter 2. State level data

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**History** (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

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