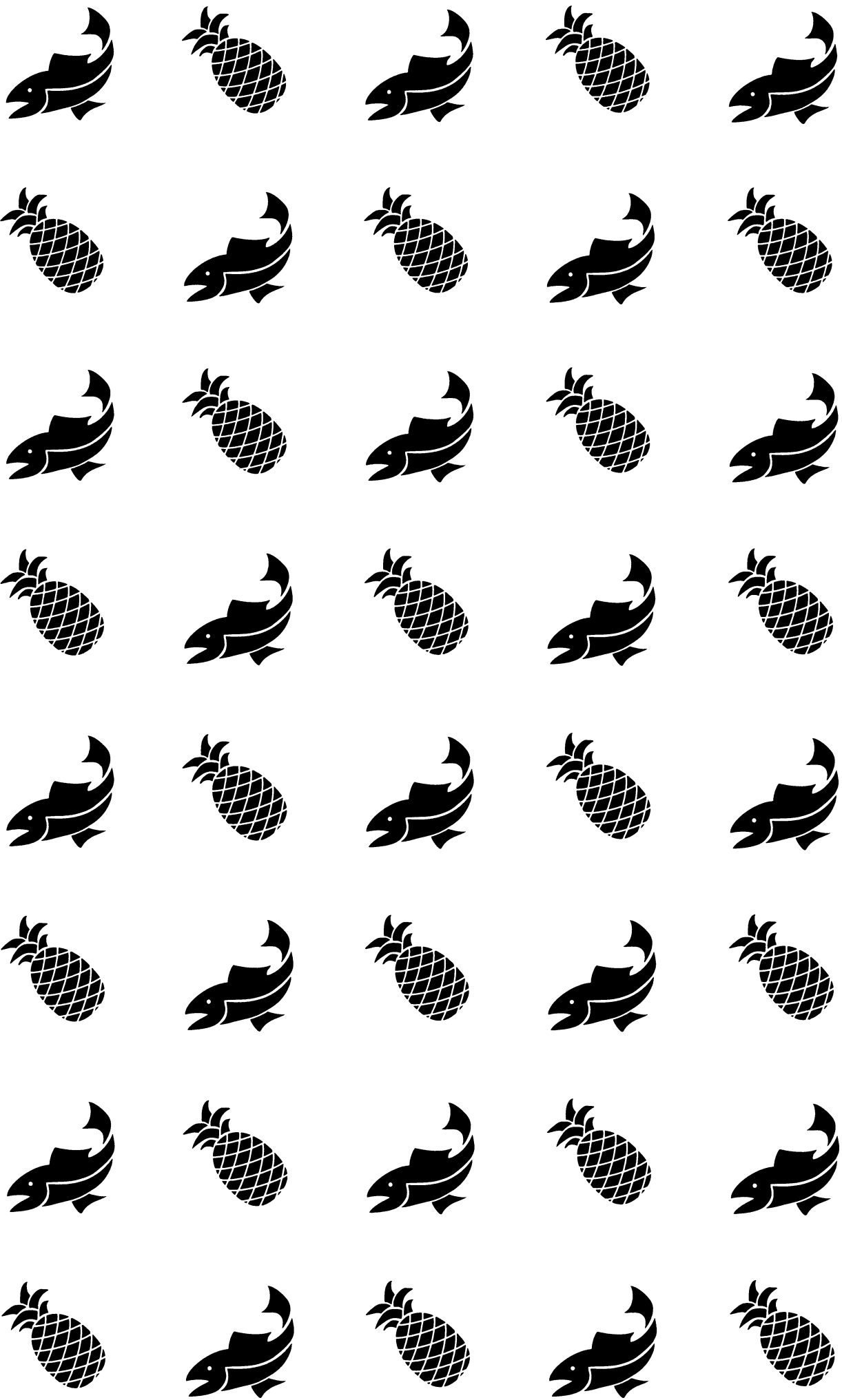


# Agriculture & Aquaculture



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## Section 5

# AGRICULTURE & AQUACULTURE

This section includes statistics on agriculture and aquaculture. Statistics about farms are presented along with the value and distribution of farm and other land based herbaculture production. Fish catches and other aquaculture statistics are given.

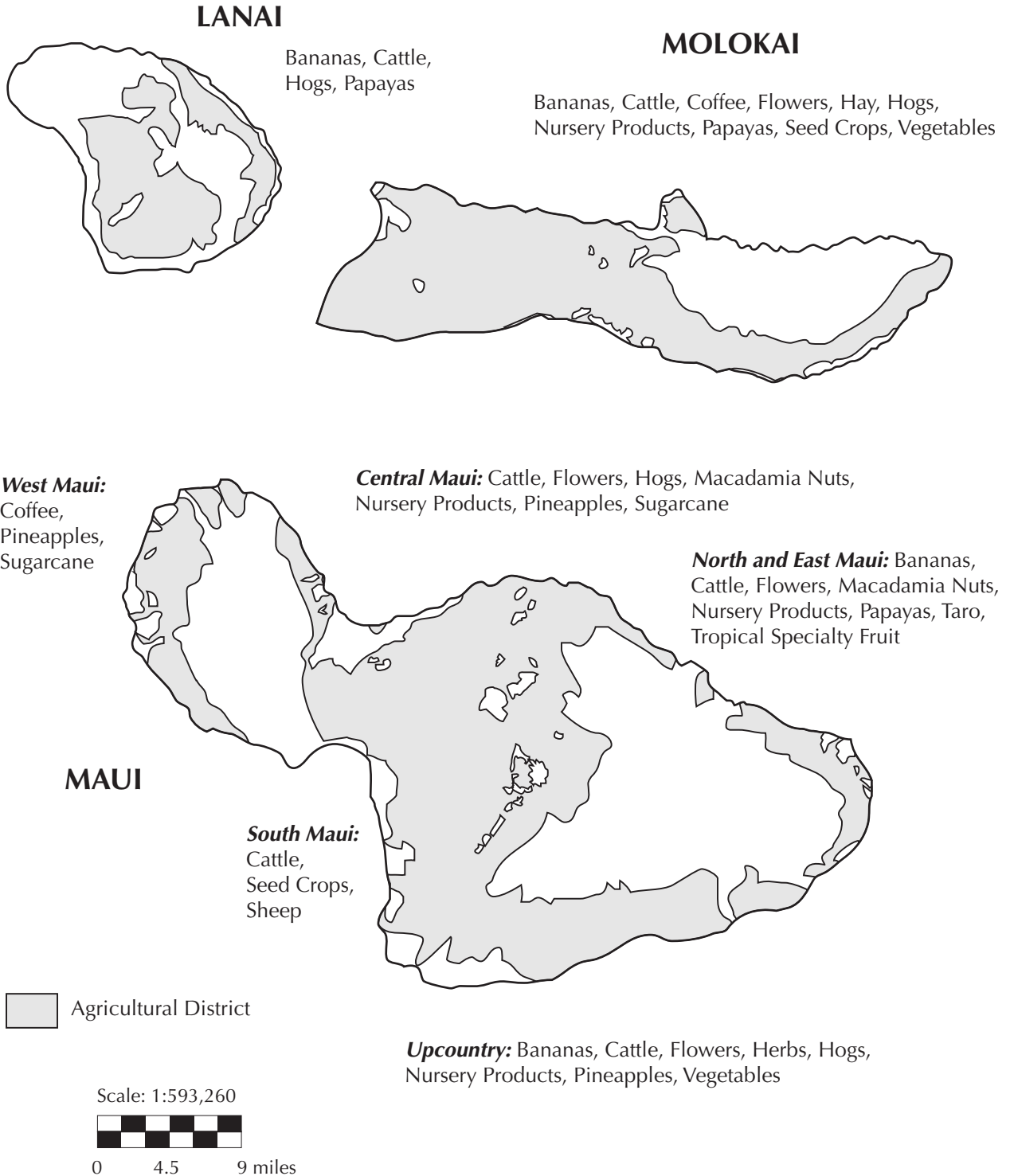
Agriculture remains an important element in Maui County's economy and land use patterns. Sugar and pineapple remain the largest crops, though the trend toward diversification of agriculture continues.

The value of commercially caught fish has been generally declining since 1986 and this trend continued through 1993, although there has been a rise since 1994. Commercial aquaculture continues to grow in importance.

The data in this section comes mainly from the U.S. Bureau of Census, the Hawaii Agriculture Statistics Service, specific crop producers, and the Hawaii State Department of Land and Natural Resources.

5.1.1

**AGRICULTURAL AREAS,  
MAUI COUNTY**



Source: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture*, 2000.

5.1.2

**TENURE AND CHARACTERISTICS OF FARM OPERATORS AND TYPES OF FARM ORGANIZATION, MAUI COUNTY**

	1987	1992	1997
<b>Farms</b>	<b>722</b>	<b>850</b>	<b>806</b>
<b>Land In Farms (acres)</b>	<b>359,310</b>	<b>355,786</b>	<b>292,090</b>
<b>Tenure of Operator</b>			
Full Owners			
Farms	397	503	460
Acres	89,698	118,137	81,616
Part Owners			
Farms	155	159	137
Acres	234,912	225,867	188,649
Owned land in farms (acres)	D	141,136	140,909
Rented land in farms (acres)	D	84,731	47,740
Tenants			
Farms	170	188	209
Acres	34,700	11,782	21,825
<b>Operator Characteristics</b>			
Place of Residence			
On farm operated	480	577	536
Not on farm operated	218	219	215
Not reported	44	54	55
Principal Occupation			
Farming	398	456	372
Other	324	394	434
Days of Work Off Farm			
None	264	298	290
Any	408	482	455
1 to 49 days	55	55	59
50 to 99 days	38	31	33
100 to 149 days	52	62	40
150 to 199 days	37	71	46
200 days or more	226	263	277
Not reported	50	70	61
Years on Present Farm			
2 years or less	80	44	42
3 or 4 years	77	136	47
5 to 9 years	151	171	171
10 years or more	296	360	406
Average years on present farm	12.7	13.1	14.3
Not reported	118	139	140

## 5.1.2

CONTINUED

	1987	1992	1997
<b>Operator Characteristics (cont.)</b>			
Age Group			
Under 25 years	2	2	7
25 to 34 years	75	44	24
35 to 44 years	199	259	182
45 to 54 years	119	221	270
55 to 59 years	63	50	107
60 to 64 years	95	62	59
65 to 69 years	74	74	45
70 years and over	95	138	112
Average age	52.0	52.6	53.0
Male			
Farms	626	737	681
Acres	346,566	318,121	275,346
Female			
Farms	96	113	125
Acres	12,744	37,665	16,744
<b>Type of Organization</b>			
Individual or Family (sole proprietorship)			
Farms	593	710	679
Acres	47,363	53,463	31,942
Partnership			
Farms	59	52	44
Acres	21,535	D	34,620
Corporation (family held)			
Farms	44	46	56
Acres	D	90,740	101,236
Corporation (other than family held)			
Farms	12	26	13
Acres	D	192,428	123,312
Other (cooperative, estate or trust, institutional, etc.)			
Farms	14	16	14
Acres	10,161	D	980

D: Withheld to avoid disclosing data for individual farms.

SOURCES: U.S. Bureau of the Census, *1987 Census of Agriculture, Geographic Area Series, Hawaii, State and County Data*, AC87-A-11 (August 1989), chapter 2, table 10; *1992 Census of Agriculture, Geographic Area Series, Hawaii, State and County Data*, AC92-A-11 (1994), chapter 2, table 11, p. 161-162; U.S. Department of Agriculture, National Agricultural Statistics Service, *1997 Census of Agriculture, Geographic Area Series, Hawaii, State and County Data*, (1998), chapter 2, table 11, p. 163-164.

### 5.1.3

## FARMS AND LAND IN FARMS, MAUI COUNTY

	1987	1992	1997
<b>Farms</b>	<b>722</b>	<b>850</b>	<b>806</b>
<b>Land in Farms</b>	<b>359,310</b>	<b>355,786</b>	<b>292,090</b>
Average size of farm (acres)	498	419	362
Median size of farm (acres)	NA	NA	6
<b>Estimated Market Value of Land and Buildings<sup>1</sup></b>			
Average per farm	873,008	1,118,184	818,342
Average per acre	1,754	2,671	2,258
<b>Estimated Market Value of All Machinery and Equipment<sup>1</sup></b>			
Average per farm	81,608	117,143	88,989
<b>Farms by Size</b>			
1 to 9 acres	365	505	468
10 to 49 acres	223	232	233
50 to 179 acres	79	60	48
180 to 499 acres	25	24	29
500 to 999 acres	5	3	5
1,000 acres or more	25	26	23
<b>Total Cropland</b>			
Farms	573	733	684
Acres	89,439	D	D
<b>Harvested Cropland</b>			
Farms	496	666	605
Acres	42,952	39,031	32,243
<b>Irrigated Land</b>			
Farms	410	541	480
Acres	67,198	61,549	35,031
<b>Market Value of Agricultural Products Sold (\$1,000)</b>	<b>153,313</b>	<b>164,767</b>	<b>128,385</b>
Crops, including nursery and greenhouse crops	140,722	153,285	116,084
Livestock, poultry, and their products	12,591	11,483	12,301
<b>Average Market Value of Agricultural Products Sold per Farm (\$)</b>	<b>212,345</b>	<b>193,844</b>	<b>159,287</b>

<sup>1</sup> Data are based on a sample of farms.

D: Withheld to avoid disclosing data for individual farms.

NA: Not available.

SOURCES: U.S. Bureau of the Census, *1987 Census of Agriculture, Geographic Area Series, Hawaii, State and County Data*, AC87-A-11 (August 1989), chapter 2, table 1, p. 130; *1992 Census of Agriculture, Geographic Area Series, Hawaii, State and County Data*, AC92-A-11 (1994), chapter 2, table 1, p. 148; U.S. Department of Agriculture, National Agricultural Statistics Service, *1997 Census of Agriculture, Geographic Area Series, Hawaii, State and County Data*, (1998), chapter 2, table 1, p. 150.

### 5.1.4

## NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, MAUI COUNTY

	1995	1996	1997	1998	1999	2000
Number of Farms <sup>1</sup>	800	800	800	800	800	800
Farm Acreage (1,000) <sup>2</sup>	295	290	290	290	290	290
Farm Employment <sup>3</sup>						
Self-employed farm operators	300	300	300	350	450	500
Unpaid workers <sup>4</sup>	100	150	100	150	200	150
Hired workers	1,850	1,850	1,850	1,950	2,200	2,000

<sup>1</sup> Based on farm definition of \$1,000 or more of agricultural sales.

<sup>2</sup> Includes land not in crops and pasture, such as farm house lots, roads, woodlots, etc.

<sup>3</sup> Average of quarterly data.

<sup>4</sup> Includes family members and others working 15 or more hours per week.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)).

### 5.1.5

## LIVESTOCK: NUMBER OF OPERATIONS AND VALUE OF SALES, MAUI COUNTY

	1996	1997	1998	1999	2000
<b>Number of Livestock Operations, December 31</b>					
Cattle <sup>1</sup>	190	180	180	170	170
Hogs	60	60	50	60	60
Milk	5	5	5	4	4
Eggs	7	7	8	8	8
Honey	5	5	D	D	D
<b>Value of Livestock Sales (\$1,000)</b>					
Cattle <sup>2</sup>	3,425	3,003	3,641	2,865	3,230
Hogs <sup>3</sup>	1,497	1,008	825	894	935
Milk	D	D	D	D	D
Eggs	D	D	D	D	D
<b>Total livestock sales<sup>4</sup></b>	<b>10,680</b>	<b>9,813</b>	<b>10,557</b>	<b>5,890</b>	<b>6,395</b>

D: Withheld to avoid disclosure of individual operations.

<sup>1</sup> Includes beef, dairy, and dairy replacement operations.

<sup>2</sup> Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

<sup>3</sup> Excludes interfarm sales; includes out-of-state sales of slaughter animals.

<sup>4</sup> Sum of individual commodities may not add to total. Includes sheep, wool, turkeys, horses, honey, beeswax, broilers and chickens.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)).

## 5.1.6

### CROPS: ACREAGE, NUMBER OF FARMS, AND VALUE OF SALES, MAUI COUNTY

	1996	1997	1998	1999	2000
<b>Acres in Crop (1,000 acres)</b>					
Sugarcane	42.3	43.1	42.9	43.3	36.9
Pineapples (land used for pineapple)	9.3	9.1	9.6	9.1	11.6
Vegetables and melons (harvested acreage) <sup>1</sup>	1.5	1.4	1.6	1.4	1.3
Fruits (excluding pineapples)	0.2	0.3	0.3	0.3	0.3
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
All other crops <sup>2</sup>	1.4	1.7	1.9	1.9	1.9
<b>Number of Crop Farms</b>					
Sugar	2	2	2	2	1
Pineapples <sup>3</sup>	6	4	5	5	5
Vegetables and melons	105	105	114	145	120
Fruits (excluding pineapples)	85	86	262	251	231
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
Taro	22	15	14	13	15
Flowers and nursery products	111	106	145	150	140
<b>Value of Crop Sales (\$1,000)</b>					
Sugar (unprocessed cane)	57,200	53,900	58,700	60,200	43,900
Pineapples (fresh equivalent)	27,144	28,295	28,413	28,325	29,445
Vegetables, ginger root, herbs, and melons	11,652	11,762	11,755	9,519	9,569
Fruits (excluding pineapples)	858	1,136	1,051	1,056	1,102
Coffee (parchment)	D	D	D	D	D
Macadamia nuts (in-shell)	D	D	D	D	D
Taro	D	D	D	D	D
Seed crops	D	D	D	D	D
Flowers and nursery products <sup>4</sup>	7,515	8,219	8,951	9,851	9,947
Total crops <sup>5</sup>	116,444	121,072	124,816	125,375	110,603

D: Withheld to avoid disclosure of individual operations.

<sup>1</sup> Includes ginger root.

<sup>2</sup> Includes taro, seed corn, feed and forage crops (excluding pineapple feed products), and flowers, foliage and nursery products.

<sup>3</sup> Includes specialty pineapple.

<sup>4</sup> Flowers, foliage, and nursery products.

<sup>5</sup> Total crop values shown are actual. Sum of individual commodities may not add to total. Forage crops' and Forest product's value combined and included in total crop value.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)).

## 5.1.7

## SUGARCANE, MAUI ISLAND

	1996	1997	1998	1999	2000
<b>Number of farms<sup>1</sup></b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>
<b>Acreage (1,000 acres)</b>					
In crop <sup>1</sup>	42.3	42.4	42.9	43.3	36.9
Harvested for sugar	20.1	19.7	19.0	21.5	18.6
<b>Yield per acre (tons)<sup>2</sup></b>					
Sugarcane	84.7	90.6	93.8	91.9	86.7
Raw Sugar 96°	11.55	11.36	12.48	11.86	11.29
<b>Production of cane for sugar (1,000 tons)</b>	<b>1,702</b>	<b>1,784</b>	<b>1,783</b>	<b>1,975</b>	<b>1,613</b>
<b>Farm price (dollars per ton)</b>	<b>33.60</b>	<b>30.20</b>	<b>32.90</b>	<b>30.50</b>	<b>27.20</b>
<b>Value of cane for sugar (\$1,000,000)<sup>3</sup></b>	<b>57.2</b>	<b>53.9</b>	<b>58.7</b>	<b>60.2</b>	<b>43.9</b>
<b>Mill Production (1,000 tons)</b>					
Raw Sugar 96°	232	224	237	255	210
Molasses <sup>4</sup>	75	90	85	99	71
<b>Average returns received (dollars per ton)<sup>5</sup></b>					
Raw Sugar 96°	368	359	369	352	311
Molasses <sup>4</sup>	55.40	38.00	23.10	13.20	26.20
<b>Value of production (\$1,000,000)</b>					
Raw Sugar 96°	85.4	80.4	87.5	89.8	65.3
Molasses <sup>4</sup>	4.2	3.4	2.0	1.3	1.9
Total	89.6	83.8	89.5	91.1	67.2

<sup>1</sup> At end of year.

<sup>2</sup> Yield and farm price may not compute exactly due to rounding.

<sup>3</sup> Value of cane for sugar estimated by deducting processing and marketing costs from value of sugar and molasses. Processing costs based on toll charges by independent producers.

<sup>4</sup> Commercial.

<sup>5</sup> Derived from production and value. Prices may not compute exactly due to rounding.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)); primary data source, Hawaii Agricultural Research Center (formerly Hawaii Sugar Planters' Association).

## 5.1.8

**VEGETABLES, MELONS AND TARO,  
ACREAGE, PRODUCTION AND VALUE,  
MAUI COUNTY**

Commodity	1995	1996	1997	1998	1999	2000
<b>HARVESTED ACREAGE<sup>1</sup></b>						
Beans, snap	30	37	45	95	90	70
Cabbage, head	370	315	300	280	210	190
Celery	20	20	20	20	25	25
Corn, sweet	45	50	25	40	55	D
Cucumbers	70	140	155	170	145	160
Lettuce	30	25	15	15	D	D
Onions, dry	205	200	180	235	190	190
Onions, green	15	15	10	15	D	D
Peppers, green	105	15	5	D	D	D
Romaine	110	85	90	110	95	55
Squash, Italian	45	35	40	50	70	65
Sweet potatoes	155	95	70	65	70	65
Tomatoes	190	215	245	155	D	D
Watermelon	360	60	5	10	D	D
Other Vegetables & Melons <sup>2</sup>	263	258	250	280	450	495
<b>Total Vegetables &amp; Melons</b>	<b>2,013</b>	<b>1,565</b>	<b>1,455</b>	<b>1,540</b>	<b>1,400</b>	<b>1,315</b>
Taro (acreage in crop) <sup>3</sup>	85	85	85	95	90	100
<b>PRODUCTION (1,000 pounds)</b>						
Beans, snap	220	245	350	500	570	550
Cabbage, head	8,000	7,300	6,700	7,300	5,700	5,300
Celery	380	300	370	470	500	350
Corn, sweet	160	185	130	170	240	D
Cucumbers	900	2,500	2,600	2,900	2,300	2,500
Lettuce	240	200	100	55	D	D
Onions, dry	2,265	1,980	1,690	3,000	2,900	2,700
Onions, green	150	120	105	125	D	D
Peppers, green	1,300	160	60	D	D	D
Romaine	1,140	960	1,150	1,900	1,100	600
Squash, Italian	410	380	350	470	750	980
Sweet potatoes	1,500	1,100	800	750	600	620
Tomatoes	4,900	5,580	8,070	5,800	D	D
Watermelon	9,950	1,750	95	140	D	D
Other Vegetables & Melons <sup>2</sup>	4,355	3,460	3,730	3,625	7,280	6,625
<b>Total Vegetables &amp; Melons</b>	<b>35,870</b>	<b>26,220</b>	<b>26,300</b>	<b>27,205</b>	<b>21,940</b>	<b>20,225</b>
Taro (marketings) <sup>3</sup>	1,240	1,100	900	1,100	1,400	1,300

## 5.1.8

CONTINUED

Commodity	1995	1996	1997	1998	1999	2000
	<b>VALUE (\$1,000)</b>					
Beans, snap	228	256	359	416	496	468
Cabbage, head	1,784	1,351	1,380	1,314	1,009	970
Celery	118	79	102	120	125	98
Corn, sweet	105	114	98	117	161	D
Cucumbers	342	988	832	1,018	840	988
Lettuce	106	80	41	23	D	D
Onions, dry	2,587	2,344	1,658	2,367	2,062	2,066
Onions, green	171	132	111	121	D	D
Peppers, green	723	79	30	D	D	D
Romaine	473	341	414	646	352	244
Squash, Italian	209	181	179	235	334	480
Sweet potatoes	816	558	432	426	360	372
Tomatoes	2,239	2,751	4,064	2,917	D	D
Watermelon	1,602	277	18	29	D	D
Other Vegetables & Melons <sup>2</sup>	1,694	1,308	1,351	1,334	2,911	3,045
<b>Total Vegetables &amp; Melons</b>	<b>13,197</b>	<b>10,839</b>	<b>11,069</b>	<b>11,083</b>	<b>8,650</b>	<b>8,731</b>
Taro <sup>3</sup>	610	568	450	577	736	684

D Not reported to avoid disclosure of individual operations.

<sup>1</sup> For vegetables and melons, acreage harvested (e.g., one acre planted and harvested three times during the year equals three harvested acres). For lotus root, watercress and taro, average acreage in crop during the year.

<sup>2</sup> Only selected items are shown separately. All other vegetables and melons for the island are included in the other vegetables and melons category.

<sup>3</sup> Oahu combined with Maui and Molokai to avoid disclosure of individual operations.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)).

### 5.1.9

## FLORICULTURE AND NURSERY PRODUCTS, MAUI COUNTY

*Number of farms and growing area*

	Number of Farms	Greenhouse (1,000 sq ft)	Artificial Shade (1,000 sq ft)	Natural Shade (Acres)	Open Field (Acres)	Total (Acres)
<b>State Total</b>						
1997	670	2,805	23,885	10	1,535	2,158
1998	745	2,810	24,200	9	2,050	2,679
1999	855	2,810	24,510	7	2,325	2,959
2000	735	3,235	25,180	7	2,060	2,719
2001	790	3,175	26,660	9	2,355	3,049
<b>Maui/Molokai</b>						
1997	106	235	345	0	295	308
1998	145	280	475	0	435	452
1999	154	325	605	0	415	436
2000	145	345	685	0	515	539
2001	150	425	730	0	565	592

\* Less than 1/2 acre.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2001)*, *Statistics of Hawaiian Agriculture (annual, 2000)*, available at [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)

### 5.1.10

## FLORICULTURE AND NURSERY PRODUCTS, BY COMMODITY, MAUI COUNTY

*Value of grower sales (\$1,000)*

Commodity	1997	1998	1999	2000	2001
Cut Flowers <sup>1</sup>	2,106	2,854	3,051	2,926	2,658
Orchids <sup>2</sup>	D	D	999	1,027	978
Lei Flowers	D	D	D	D	D
Foliage <sup>3</sup>	D	D	628	543	D
Potted Flowering Plants	D	D	1,229	1,121	1,147
All Other Nursery Products <sup>4</sup>	5,802	5,763	3,589	3,976	4,778
Unspecified Sales <sup>5</sup>	311	334	355	325	305
<b>Total</b>	<b>8,320</b>	<b>8,951</b>	<b>9,851</b>	<b>9,918</b>	<b>9,866</b>

D: Data not shown separately to avoid disclosure of individual operations.

<sup>1</sup> Cut orchids included in "Orchids" category.

<sup>2</sup> Excludes orchids used for lei flowers.

<sup>3</sup> Includes potted, cut and unfinished. Beginning 1998, landscape foliage included with "all other nursery products."

<sup>4</sup> Includes bedding plants, plant rentals, sod, trees, and any other nursery products not elsewhere classified.

<sup>5</sup> Includes grower sales greater than \$999 but less than \$10,000 which were not categorized.

Source: Hawaii Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2001)*, *Statistics of Hawaiian Agriculture (annual, 2000)*, available at [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)

### 5.1.11

## FRUITS: VALUE OF SALES, MAUI COUNTY

1,000 dollars (Fresh weight basis)

	Pineapples	Other	Total
<b>Maui/Molokai/Lanai</b>			
1993	24,890	779	25,669
1994	25,150	984	26,134
1995	24,775	1,031	25,806
1996	27,144	858	28,002
1997	28,295	1,136	29,431
1998	28,413	1,051	29,464
1999	28,325	1,056	29,381
2000	29,395	1,102	30,497

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)).

### 5.1.12

## BANANAS, MAUI COUNTY

	1996	1997	1998	1999	2000
<b>Maui/Molokai/Lanai</b>					
Number of Farms	22	19	35	40	40
Acreage in crop <sup>1</sup>	55	75	85	85	75
Acreage harvested <sup>2</sup>	40	45	50	50	60
Yield per acre (1,000 lbs. harvested)	22.3	15.6	16.0	17.8	12.5
Fresh utilization (1,000 pounds)	890	700	800	890	750
Farm price (cents per pound)	50.0	54.5	55.0	56.0	60.0
Value of sales (\$1,000)	445	382	440	499	451

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2000* (annual, [http://www.nass.usda.gov/hi/stats/t\\_of\\_c.htm](http://www.nass.usda.gov/hi/stats/t_of_c.htm)).

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## 5.2.1

### COMMERCIAL MARINE LANDINGS, MAUI COUNTY

Year ended June 30

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Year	Pounds Landed	Pounds Sold	Value (\$)
1982	792,504	734,258	873,251
1983	944,045	899,995	1,109,356
1984	889,715	810,257	1,083,651
1985	862,333	810,599	1,140,578
1986	1,007,255	915,637	1,659,720
1987	1,120,497	1,026,307	1,919,196
1988	961,337	851,858	1,780,096
1989	698,000	596,620	1,363,703
1990	777,385	624,466	1,428,937
1991	744,805	602,325	1,390,838
1992	854,282	692,870	1,596,576
1993	516,909	409,498	1,050,460
1994	624,147	486,682	1,226,805
1995	731,447	586,398	1,597,826
1996	783,394	620,343	1,577,195
1997	663,203	507,255	1,409,797
1998	748,149	605,174	1,464,070
1999	725,445	555,477	1,562,511
2000	643,581	501,263	1,502,897

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SOURCE: State of Hawaii, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings, State of Hawaii*, fiscal year reports.

## 5.2.2

### SEA SPECIES COMMONLY CAUGHT NEAR FISH AGGREGATING DEVICES, MAUI COUNTY

*Pounds landed in year ending June 30*

Species	1997	1998	1999	2000
Aku	14,651	19,809	42,012	18,538
Bigeye	77	1,234	1,449	554
Yellowfin	18,256	33,108	41,447	18,508
Kawakawa	87	124	150	105
Tuna (misc.)	—	1,149	598	1,140
Blue Marlin	16,084	28,230	15,677	20,785
Striped Marlin	4,495	1,393	3,707	2,409
Sailfish	27	59	—	118
Shortbill Spearfish	693	567	2,947	1,345
Kahala	—	—	—	12
Kamanu	11	44	21	13
Keokeo	—	—	—	1
Mahimahi	44,824	32,634	44,480	37,528
Mako	—	—	410	—
Mano	1,095	824	255	100
Ono	9,458	8,403	7,785	7,143
Opelu	137	—	83	—
Uku	—	—	15	—
Other	19	1,058	119	169
<b>Total</b>	<b>109,937</b>	<b>128,636</b>	<b>161,155</b>	<b>108,468</b>
<b>Devices Available</b>	<b>19</b>	<b>15</b>	<b>16</b>	<b>15</b>

NOTE: Fish aggregating devices are non—navigational buoys placed several miles offshore to attract fish. Data is incomplete due to late submission and processing of fish catch records.

SOURCE: State of Hawaii, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings, State of Hawaii*, fiscal year reports.

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### 5.3.1

## AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS, MAUI COUNTY

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<b>Parcels</b>	
Acres	60,300
Reported Value (\$1,000) <sup>1</sup>	165,293
<b>Use (acres)</b>	
Crop Land	2,708
Pasture	47,668
Forest	1,140
Other Agriculture	8,184
Other Non-agriculture	600
<b>Total</b>	<b>60,300</b>

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<sup>1</sup> Reported value is purchase price or non-purchase price (estimated value) at time of acquisition.

SOURCE: Hawaiian Agricultural Statistics Service, *Statistics of Hawaiian Agriculture*, (1995, annual), from "Foreign ownership of U.S. agricultural land through December 31, 1995," Economic Research Service, USDA, *ERS Statistical Bulletin No. 931*.