

# HAWAII FRUITS

## Annual summary

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Statistics Service

Fact Finder For Agriculture

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### 1998 TOTAL FRUIT ACREAGE AND OUTPUT UP, BUT VALUE DOWN

Hawaii fruit growers harvested **743.3** million pounds of fruit for fresh and processed utilization in 1998, up 3 percent from 1997, according to the Hawaii Agricultural Statistics Service (HASS). Fruit acreage totaled 28,660 acres, 3 percent higher than last year. More fruit acreage planted on former sugarcane land, along with additional pineapple acreage, were the main reasons for the increase. Compared to 1997, pineapples, papayas, and bananas were higher. Pineapples continued to account for the majority, 89 percent, of the State's 1998 fruit output, making up 79 percent of the fresh utilization and 96 percent of the processed utilization. Lower outputs were experienced by guavas and other fruits. Avocados remained unchanged from 1997.

The farm value of all fruits totaled **\$117.4** million in 1998, 3 percent lower than 1997 and declining for the second year. Compared with the previous year, farm values were lower for papayas, guavas, avocados, and other fruits but higher for pineapples and bananas. Oahu remained the top fruit producing county in the State, generating more than half of the value at \$70.8 million, with pineapples contributing the largest share.

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### FRUITS: Acreage, utilization, and value, State of Hawaii, 1997-98 <sup>1</sup>

Fruit	Acreage				Utilization						Farm value	
	Total		Harvested <sup>2</sup>		Fresh		Processed		Total		1997	1998
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998		
	----- Acres -----				----- 1,000 pounds -----						--- 1,000 dollars ---	
Avocados	340	330	250	240	500	500	--	--	500	500	265	260
Bananas	1,590	1,600	950	1,420	13,700	21,000	--	--	13,700	21,000	5,206	7,350
Guavas	900	890	730	710	--	--	15,900	14,600	15,900	14,600	1,940	1,781
Papayas	4,055	3,555	1,985	2,120	35,700	35,600	3,100	4,300	38,800	39,900	18,978	12,589
Pineapples	19,900	21,000	*	*	206,000	222,000	442,000	442,000	648,000	664,000	91,721	92,776
Others <sup>3</sup>	1,156	1,285	591	558	4,683	3,190	166	124	4,849	3,314	3,175	2,638
<b>Total</b>	<b>27,941</b>	<b>28,660</b>	<b>4,506</b>	<b>5,048</b>	<b>260,583</b>	<b>282,290</b>	<b>461,166</b>	<b>461,024</b>	<b>721,749</b>	<b>743,314</b>	<b>121,285</b>	<b>117,394</b>

-- = Not Applicable.

\* = Not Available.

<sup>1</sup> Data for current year are preliminary.

<sup>2</sup> Average during the year.

<sup>3</sup> Some of the fruits included in this category are orange (since 1987), lime, grape, grapefruit, lychee, mango, atemoya, passion fruit, persimmon, poha, rambutan, specialty pineapple, starfruit, strawberry, tangerine, tangelo, and others. Specialty pineapple was excluded from other fruits beginning in 1998 but included in prior years.

# 1998 FRUIT VALUE BY ISLANDS

## ● HAWAII

Hawaii island generated farm sales of \$14.7 million, down 30 percent from a year ago mainly due to lower papaya value. Papaya sales made up 57 percent of the island's total fruit production with farm receipts of \$8.4 million. Banana output continued to be ranked second with a value of \$3.4 million, 2 percent more than 1997. Guavas, citrus, tropical specialty fruits, strawberries, avocados, and grapes made up the remaining 20 percent of Hawaii island's fruit value.

### FRUITS: Value of sales, by islands, 1994-98<sup>1</sup>

Year	Pineapples	Other	Total
<i>1,000 dollars (Fresh weight basis)</i>			
<b>State</b>			
1994	78,890	23,611	102,501
1995	87,360	28,218	115,578
1996	95,914	26,521	122,435
1997	91,721	29,564	121,285
<b>1998</b>	<b>92,776</b>	<b>24,618</b>	<b>117,394</b>
<b>Hawaii</b>			
1994	<sup>2</sup>	18,271	18,271
1995	<sup>3</sup>	22,255	22,255
1996	<sup>3</sup>	20,646	20,646
1997	<sup>3</sup>	21,018	21,018
<b>1998</b>	<sup>3</sup>	<b>14,733</b>	<b>14,733</b>
<b>Kauai</b>			
1994	<sup>2</sup>	2,542	2,542
1995	<sup>3</sup>	2,579	2,579
1996	<sup>3</sup>	2,377	2,377
1997	<sup>3</sup>	2,596	2,596
<b>1998</b>	<sup>3</sup>	<b>2,327</b>	<b>2,327</b>
<b>Maui/Molokai/Lanai</b>			
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
<b>1998</b>	<b>28,413</b>	<b>1,074</b>	<b>29,487</b>
<b>Oahu</b>			
1994	53,690	1,814	55,504
1995	62,585	2,353	64,938
1996	68,770	2,640	71,410
1997	63,426	4,814	68,240
<b>1998</b>	<b>64,363</b>	<b>6,484</b>	<b>70,847</b>

## ● KAUAI

Kauai's fruit sales for 1998 decreased 10 percent from the previous year to \$2.3 million. Guavas, papayas, and tropical specialty fruits accounted for most of the value. Bananas, avocados, and citrus contributed the remainder.

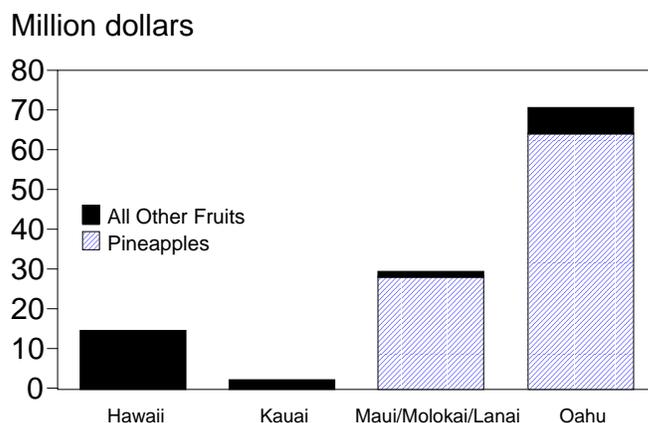
## ● MAUI/MOLOKAI/LANAI

The value of fruit sales from Maui County was slightly up from a year ago to \$29.5 million. The pineapple value was just above last year's total while the other fruits were lower. Pineapples accounted for 96 percent of Maui counties' value. Papayas, bananas, tropical specialty fruits, and other fruits made up the rest of the value.

## ● OAHU

Fruits grown on Oahu generated sales of \$70.8 million in 1998 compared to \$68.2 million during the previous year. Oahu fruit sales continued to rank first among the counties with 60 percent of the State fruit value. Increases in value were experienced by pineapples and other fruits. Pineapple farm value accounted for 91 percent of the county total. Revenue from other fruits were up for the fifth consecutive year and 35 percent more than the 1997 total. Bananas and papayas contributed toward most of the island's value.

### FRUITS: Farm value, by islands, 1998



HASS

<sup>1</sup> Sum of Island estimates may not add to State total. <sup>2</sup> Less than 50,000 dollars. <sup>3</sup> Combined with "others" to avoid disclosure of individual operations.

# 1998 PROCESSED FRUITS

## ● GUAVAS

Hawaii guava production in 1998 totaled 14.6 million pounds, down 8 percent from the amount produced for processing in 1997 and declining for the fourth consecutive year. During recent years, growers have commented on the difficulties in selling their fruit due to limited marketing outlets, reflecting the downturn in the local economy and higher inventory on hand. Total acreage was 890, down 10 acres from 1997. The value for guavas was pegged at \$1.8 million, 8 percent below 1997. Growers received an average farm price of 12.2 cents per pound, unchanged from the previous year.

## ● PAPAYAS

Processed papaya utilization increased 39 percent in 1998 to 4.3 million pounds. Processed papayas accounted for 11 percent of papaya utilization compared to 8 percent last year. Farm price for processed papayas averaged 3.0 cents per pound, unchanged from last year.

## ● PINEAPPLES

Processed pineapple utilization totaled 442 million pounds in 1998, unchanged from 1997. About 67 percent of the State's pineapple crop was processed during the year. Pineapples for processing averaged \$131 per ton compared to \$127 for the previous year.

## ● OTHER PROCESSED FRUITS

About 124 thousand pounds of the other fruits were utilized for processing in 1998, down 25 percent from 1997. Wine grape, starfruit, and passion fruit are some of the other processed fruits.

# 1998 FRESH FRUITS

## ● AVOCADOS

Avocado production totaled 500 thousand pounds, unchanged from a year ago. A soft market for local avocados was a major factor in limiting production during 1998. Hawaii's inability to penetrate the U.S. mainland market meant that growers were largely confined to the local market, Alaska, and other winter markets outside the continental U.S. Larger commercial growers, able to deliver quantity and quality, had an edge in marketing their harvests, while smaller growers who makeup the bulk of the industry reported lower demand. Another factor that limited production was the dry conditions that were associated with El Niño starting in 1997 and extended into 1998. Farmers dependent on rainfall suffered lower yields, while those with irrigation experienced relatively good yields. The value of avocado sales was \$260 thousand, down 2 percent from 1997.

## ● BANANAS

Banana growers harvested a record 21.0 million pounds in 1998, up 53 percent from a year ago. Increased Cavendish acreage on Hawaii and Oahu was the main reason for the boost. The record output, especially during the last half of the year, resulted in sharp decreases in imports to satisfy Hawaii's market needs. Total in-crop acreage February 1, 1999 reached an all-time high 1,600 acres, 10 acres more than last year. Harvested acreage was up 470 acres to 1,420. About 220 acres are expected to be planted in 1999 with most projected for Hawaii island and Oahu. The combined farm prices for all varieties averaged 35.0 cents per pound in 1998, down 3.0 cents per pound from a year ago. The farm-gate value for locally produced bananas totaled a record of \$7.4 million, 41 percent more than 1997.

## ● PAPAYAS

Fresh papaya utilization totaled 35.6 million pounds in 1998, slightly down from last year, accounting for 89 percent of the total papaya utilization. About 59 percent of the fresh sales went to out-of-state destinations. In-crop acreage was down 500 acres to 3,555 but harvested acreage was up 135 acres to 2,120. Dry conditions during the first quarter of 1998 had adverse effects on unirrigated orchards on Hawaii island. In May 1998, the transgenic seeds for the new Rainbow variety were distributed with limitations. This variety is resistant to the papaya ringspot disease and is expected to allow farmers to grow fruit in virus stricken areas. Farm prices for fresh sales averaged 35.0 cents per pound in 1998, down 17.9 cents from a year ago and decreasing for the first time after four years of increase.

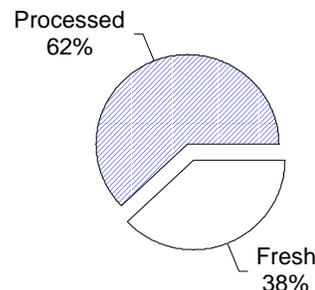
## ● PINEAPPLES

Fruit harvested for fresh sales totaled 222 million pounds in 1998, up 8 percent from the 1997 total. Fresh sales accounted for 33 percent of total pineapple production. Fresh pineapples averaged \$575 per ton compared to \$618 from the previous year's price.

## ● OTHER FRESH FRUITS

Other fresh fruits totaled 3.2 million pounds in 1998, down 32 percent from 1997. About 96 percent of these other fruits were utilized for fresh consumption. Some of the more important fruits in this category were atemoya, grapefruit, lime, lychee, mango, orange, persimmon, rambutan, starfruit, strawberry, tangelo, and tangerine. Specialty pineapple was taken out of the tropical specialty fruit total and placed with the pineapple totals.

Fruit Utilization, State of Hawaii, 1998



HASS