

# HAWAII FRUITS

## Annual summary

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### 1999 HAWAII FRUIT VALUE HIGHEST SINCE 1991



Hawaii Agricultural  
Statistics Service

Fact Finder For Agriculture

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Hawaii fruit growers harvested **785.1** million pounds of fruit for fresh and processed utilization in 1999, up 6 percent from 1998, according to the Hawaii Agricultural Statistics Service (HASS). Fruit acreage totaled 29,066 acres, 1 percent higher than last year. Compared to 1998,

pineapple, papaya, banana, and avocado output was higher. Pineapples continued to account for the majority, 90 percent, of the State's 1999 fruit output, with 78 percent of the fresh utilization and 97 percent of the processed utilization. Lower outputs were experienced by guavas and other fruits.

The farm value of all fruits totaled **\$129.7** million in 1999, an increase of 11 percent from 1998 and the highest since 1991 mainly due to an increase in the pineapple value; however farm values were also up for papaya, banana, and avocado. Guava and other fruit values have declined. Honolulu still leads the counties in value of fruits, with pineapple being the top contributor.

### FRUITS: Acreage, utilization, and value, State of Hawaii, 1998-99<sup>1</sup>

Fruit	Acreage				Utilization						Farm value	
	Total		Harvested <sup>2</sup>		Fresh		Processed		Total		Farm value	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
	----- Acres -----				----- 1,000 pounds -----						--- 1,000 dollars ---	
Avocados	330	360	240	230	500	600	--	--	500	600	260	360
Bananas	1,600	1,760	1,420	1,420	21,000	24,500	--	--	21,000	24,500	7,350	8,575
Guavas	890	870	710	630	--	--	14,600	10,700	14,600	10,700	1,781	974
Papayas	3,555	3,500	2,120	1,940	35,600	39,400	4,300	3,000	39,900	42,400	12,589	15,929
Pineapples	21,000	21,000	*	*	222,000	244,000	442,000	460,000	664,000	704,000	92,776	101,448
Others <sup>3</sup>	<sup>4</sup> 1,267	1,576	<sup>4</sup> 542	542	<sup>4</sup> 2,922	2,733	124	134	<sup>4</sup> 3,046	2,867	<sup>4</sup> 2,550	2,378
<b>Total</b>	<b>28,642</b>	<b>29,066</b>	<b>5,032</b>	<b>4,762</b>	<b>282,022</b>	<b>311,233</b>	<b>461,024</b>	<b>473,834</b>	<b>743,046</b>	<b>785,067</b>	<b>117,306</b>	<b>129,664</b>

-- = Not Applicable.

\* = Not Available.

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

<sup>2</sup> Average or total 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. <sup>4</sup> Revised.

# 1999 FRUIT VALUE BY COUNTIES

## ● HAWAII

Farm sales from Hawaii island totaled \$15.5 million, up 6 percent from a year ago mainly due to a higher papaya value. Papaya sales made up 60 percent of the island's total with farm receipts of \$9.3 million. Banana output continued to be ranked second with a value of \$3.8 million, 11 percent more than 1998. Guavas, citrus, tropical specialty fruits, strawberries, avocados, and grapes made up the remaining 15 percent of Hawaii island's fruit value.

**FRUITS: Value of sales, by counties, 1995-99<sup>1</sup>**

Year	Pineapples	Other	Total
<i>1,000 dollars (Fresh weight basis)</i>			
<b>State</b>			
1995	87,360	28,218	115,578
1996	95,914	26,521	122,435
1997	91,721	29,564	121,285
1998	92,776	<sup>2</sup> 24,530	117,306
<b>1999</b>	<b>101,448</b>	<b>28,216</b>	<b>129,664</b>
<b>Hawaii</b>			
1995	<sup>3</sup>	22,255	22,255
1996	<sup>3</sup>	20,646	20,646
1997	<sup>3</sup>	21,018	21,018
1998	<sup>3</sup>	<sup>2</sup> 14,672	14,672
<b>1999</b>	<b>4</b>	<b>15,547</b>	<b>15,547</b>
<b>Kauai</b>			
1995	<sup>3</sup>	2,579	2,579
1996	<sup>3</sup>	2,377	2,377
1997	<sup>3</sup>	2,596	2,596
1998	<sup>3</sup>	<sup>2</sup> 2,320	2,320
<b>1999</b>	<b>4</b>	<b>3,078</b>	<b>3,078</b>
<b>Maui</b>			
1995	24,775	1,031	25,806
1996	27,144	858	28,002
1997	28,295	1,136	29,431
1998	28,413	<sup>2</sup> 1,051	29,464
<b>1999</b>	<b>28,325</b>	<b>1,056</b>	<b>29,381</b>
<b>Honolulu</b>			
1995	62,585	2,353	64,938
1996	68,770	2,640	71,410
1997	63,426	4,814	68,240
1998	64,363	<sup>2</sup> 6,487	70,850
<b>1999</b>	<b><sup>3</sup>73,123</b>	<b>8,535</b>	<b>81,658</b>

## ● KAUAI

Kauai's fruit sales for 1999 increased 33 percent from the previous year to \$3.1 million. Guavas, papayas, and tropical specialty fruits accounted for most of the value. Bananas, avocados, and citrus contributed the remainder.

## ● MAUI

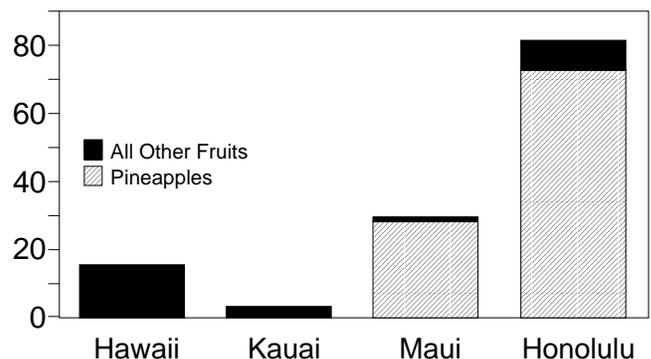
The value of fruit sales from Maui County was virtually unchanged from a year ago at \$29.4 million. The pineapple value was just below last year's total while the other fruits were higher. Pineapples accounted for 96 percent of the Maui county value. Papayas, bananas, tropical specialty fruits, and other fruits made up the rest of the value.

## ● HONOLULU

Honolulu County grown fruits generated sales of \$81.7 million in 1999 compared to \$70.9 million during the previous year. Honolulu County fruit sales continued to rank first among the counties with 63 percent of the State fruit value. Increases in value were experienced by pineapples and other fruits. Pineapple farm value accounted for 90 percent of the county total. Revenue from other fruits were up for the sixth consecutive year and 32 percent more than the 1998 total. Bananas and papayas contributed most of the value of fruits other than pineapple.

**FRUITS: Farm value, by counties, 1999**

Million dollars



HASS

<sup>1</sup> Sum of Island estimates may not add to State total. <sup>2</sup> Revised.  
<sup>3</sup> Combined with "others" to avoid disclosure of individual operations.  
<sup>4</sup> Hawaii and Kauai are combined with Oahu to avoid disclosure of individual operations.

# 1999 PROCESSED FRUITS

## ● GUAVAS

Hawaii processed guava utilization in 1999 totaled 10.7 million pounds, down 27 percent from the amount processed in 1998 and the lowest since 1985. This is the fifth consecutive year of decline and 1999 experienced the largest year-to-year drop. Growers continued to experience difficulties in finding buyers for their fruit as well as lower prices. Total acreage was down 20 acres to 870 in 1999. The value of guavas dropped 45 percent to \$974 thousand. Growers received an average farm price of 9.1 cents per pound, compared to 12.2 cents received the year before.

## ● PAPAYAS

Processed papaya utilization decreased 30 percent in 1999 to 3.0 million pounds. Processed papayas accounted for 7 percent of papaya utilization compared to 11 percent last year. Farm price for processed papayas averaged 3.0 cents per pound, unchanged from last year.

## ● PINEAPPLES

Processed pineapple utilization totaled 460 million pounds in 1999, up 4 percent from 1998. About 65 percent of the State's pineapple crop was processed during the year. Pineapples for processing averaged \$126 per ton compared to \$131 for the previous year.

## ● OTHER PROCESSED FRUITS

About 134 thousand pounds of the other fruits were utilized for processing in 1999, up 8 percent from 1998. Wine grape, starfruit, and passion fruit are some of the other processed fruits.

# 1999 FRESH FRUITS

## ● AVOCADOS

Avocado production totaled 600 thousand pounds, up 20 percent from a year ago. The Kona area of Hawaii Island, where most of the State's avocados are grown, continued to experience a prolonged period of dry weather that hampered yields on farms dependent on natural rainfall. Many of the larger plantings, however, are irrigated and they experienced relatively good yields. Statewide production also got a boost from growers outside the Kona district where weather conditions were less severe. During the 1999 season, approximately 32 percent of the crop was harvested on islands other than Hawaii. The combination of higher farm prices and production enabled Hawaii avocado growers to post total revenues of \$360,000 during the 1999 season, up 38 percent from the previous season.

## ● BANANAS

Banana growers harvested a record 24.5 million pounds in 1999, up 17 percent from the previous year. New and maturing banana acreage for Hawaii and Honolulu counties continued to increase production levels, mainly the

Cavendish variety. The resumption of commercial banana exports after several decades highlighted 1999, with initial shipments to Japan and Guam beginning at mid-year. Banana Bunchy Top Virus (BBTV) eradication efforts were ongoing in the Kona areas of Hawaii island during the year, affecting primarily residential plantings. Total acreage statewide as of February 2000 was a record high 1,760 acres, 160 acres above February last year, and continuing the upward trend of the past seven years. Harvested acreage totaled 1,420 in 1999, unchanged from a year earlier. Growers planted 220 additional acres in 1999. The farm price for all varieties of local bananas averaged 35.0 cents per pound in 1999, unchanged from the previous year. The farm value reached a record \$8.6 million with higher output.

## ● PAPAYAS

Fresh papaya utilization totaled 39.4 million pounds in 1999, 11 percent higher than last year, accounting for 93 percent of the total papaya utilization. About 54 percent of the fresh sales went to out-of-state destinations. Weather conditions in 1999 were variable. Heavy rains during February and April slowed farm activity. Dry conditions along the Hamakua Coast of Hawaii Island during May and June slowed fruit development. In-crop acreage was down 55 acres to 3,500 and harvested acreage was 180 acres less to 1,940. Transgenic seed for the new Rainbow variety, resistant to papaya ringspot virus, had limited distribution starting May 1998. An increase in the quantity of fruit of the Rainbow variety became noticeable toward the end of summer 1999 as fields matured. Farm prices for fresh sales averaged 40.2 cents per pound in 1999, up 5.2 cents from a year ago.

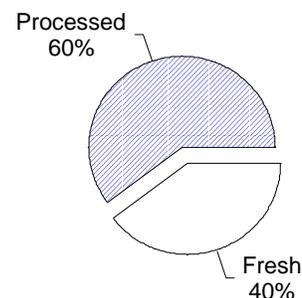
## ● PINEAPPLES

Fruit harvested for fresh sales totaled 244 million pounds in 1999, up 10 percent from the 1998 total. Fresh sales accounted for 35 percent of total pineapple production. Fresh pineapples averaged \$594 per ton compared to \$575 from the previous year's price.

## ● OTHER FRESH FRUITS

Other fresh fruits totaled 2.7 million pounds in 1999, down 6 percent from 1998. About 95 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.

Fruit Utilization, State of Hawaii 1999



HASS