

# HAWAII FRUITS

## Annual summary

FREQUENCY: Annual

RELEASED: October 22, 2003

**In this Issue:**

2002 Fruit summary	1
Fruit value by counties	2
Processed fruit comments	3
Fresh fruit comments	3

### HAWAII FRUIT HARVEST DOWN FOR 2002

Hawaii fruit growers harvested **718.3** million pounds of fruit for fresh and processed utilization in 2002, down 4 percent from 2001, according to the Hawaii Agricultural Statistics Service (HASS). Fruit acreage totaled 25,621 acres, 6 percent less than the previous year. Compared with 2001, harvests were smaller for all fruits except avocado. The decline in overall fruit value at **\$125.8** million was mainly due to a lighter papaya, banana, and guava harvest. Farm values were up for pineapple, other fruits, and avocado. Honolulu County continued to rank first for fruit value, with pineapple as the top contributor.



Hawaii Agricultural  
Statistics Service

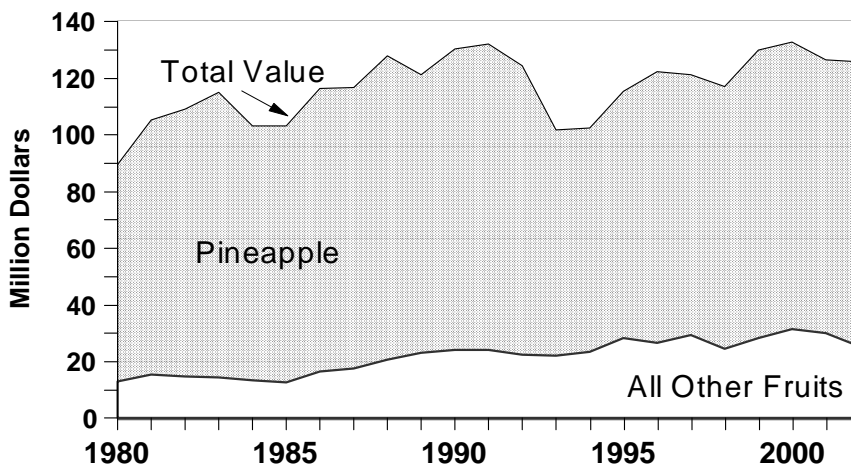
Fact Finder For Agriculture

HAWAII DEPARTMENT OF AGRICULTURE  
U.S. DEPARTMENT OF AGRICULTURE  
1428 SOUTH KING STREET  
HONOLULU, HI 96814-2512  
(808) 973-9588  
FAX: (808) 973-2909  
Internet address:  
<http://www.nass.usda.gov/hi/fruit/fruit.htm>

**Donald A. Martin**  
State Agricultural Statistician  
**Steve Gunn**  
Deputy State Agricultural Statistician  
**Regina W. Hidano**  
Agricultural Statistician  
**Joyce Jay**  
Statistical Assistant

Contributing: Robert Miyake - Hawaii  
Naomi Landgraf - Maui, Molokai, & Lanai  
June Okamura - Oahu & Kauai  
Wendell Au - Oahu  
NASDA

**All Fruit Value  
State of Hawaii, 1980-2002**



### FRUITS: Acreage, utilization, and value, State of Hawaii, 2001-2002 <sup>1</sup>

Fruit	Acreage				Utilization						Farm value	
	Total		Harvested <sup>2</sup>		Fresh		Processed		Total		Farm value	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
----- Acres ----- 1,000 pounds ----- 1,000 dollars -----												
Avocados	360	370	230	250	600	700	--	--	600	700	342	392
Bananas	1,660	1,440	1,490	1,300	28,000	19,500	--	--	28,000	19,500	10,640	8,385
Guavas	710	640	610	550	--	--	15,300	9,700	15,300	9,700	2,157	1,455
Papayas	2,860	2,320	1,950	1,720	52,000	42,700	3,000	3,200	55,000	45,900	14,598	11,924
Pineapples	20,100	19,100	*	*	220,000	234,000	426,000	406,000	646,000	640,000	96,337	100,616
Others <sup>3</sup>	1,554	1,751	728	797	2,630	2,507	166	40	2,796	2,547	2,453	3,054
<b>Total</b>	<b>27,244</b>	<b>25,621</b>	<b>5,008</b>	<b>4,617</b>	<b>303,230</b>	<b>299,407</b>	<b>444,466</b>	<b>418,940</b>	<b>747,696</b>	<b>718,347</b>	<b>126,527</b>	<b>125,826</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, starfruit, strawberry, tangerine, tangelo, and others. Specialty pineapple was excluded from other fruits beginning in 1998 but included in prior years.

# 2002 FRUIT VALUE BY COUNTIES

## ● HAWAII

Farm sales from Hawaii island totaled \$17.9 million, down 5 percent from a year ago mainly due to lower papaya, guava, and citrus values. Papaya sales made up 51 percent of the island's total with farm receipts of \$9.1 million. Banana output continued to be ranked second with a value of \$6.3 million, slightly above 2001. Tropical specialty fruits, strawberries, avocados, citrus, and grapes made up the remaining 13 percent of Hawaii island's fruit value.

**FRUITS: Value of sales, by counties, 1998-02<sup>1</sup>**

Year	Pineapples	Other	Total
<i>1,000 dollars (Fresh weight basis)</i>			
<b>State</b>			
1998	92,776	24,530	117,306
1999	101,448	28,525	129,973
2000	101,530	31,364	132,894
2001	96,337	30,190	126,527
<b>2002</b>	<b>100,616</b>	<b>25,210</b>	<b>125,826</b>
<b>Hawaii</b>			
1998	<sup>2</sup>	14,672	14,672
1999	<sup>3</sup>	15,546	15,546
2000	<sup>3</sup>	17,522	17,522
2001	<sup>3</sup>	18,724	18,724
<b>2002</b>	<sup>3</sup>	<b>17,868</b>	<b>17,868</b>
<b>Kauai</b>			
1998	<sup>2</sup>	2,320	2,320
1999	<sup>3</sup>	3,389	3,389
2000	<sup>3</sup>	3,755	3,755
2001	<sup>3</sup>	3,007	3,007
<b>2002</b>	<sup>3</sup>	<b>2,415</b>	<b>2,415</b>
<b>Maui</b>			
1998	28,413	1,051	29,464
1999	28,325	1,056	29,381
2000	29,445	1,102	30,547
2001	27,115	921	28,036
<b>2002</b>	<b>29,624</b>	<b>1,214</b>	<b>30,838</b>
<b>Honolulu</b>			
1998	64,363	6,487	70,850
1999	<sup>3</sup> 73,123	8,534	81,657
2000	<sup>3</sup> 72,085	8,985	81,070
2001	<sup>3</sup> 69,222	7,538	76,760
<b>2002</b>	<sup>3</sup> <b>70,992</b>	<b>3,713</b>	<b>74,705</b>

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

## ● KAUAI

Kauai fruit sales for 2002 decreased 20 percent from the previous year to \$2.4 million. Guavas, papayas, and tropical specialty fruits accounted for most of the value. Bananas, avocados, and citrus contributed the remainder.

## ● MAUI

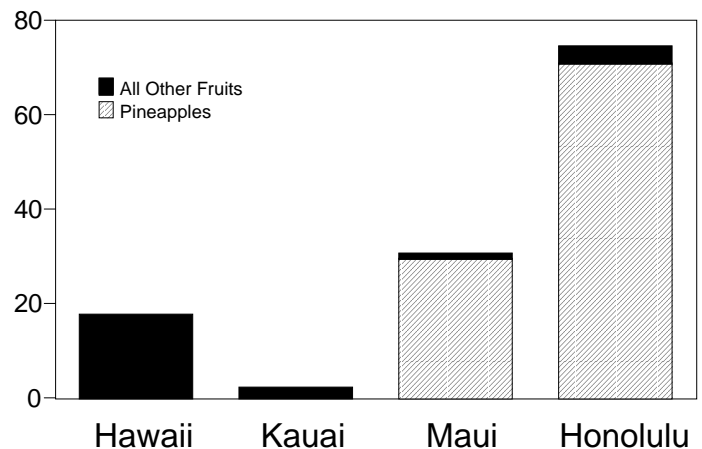
The value of fruit sales from Maui County is 10 percent higher than 2001 to \$30.8 million. Pineapple accounted for 96 percent of the Maui County value. Strawberries, bananas, papayas, tropical specialty fruits, and other fruits made up the rest of the value.

## ● HONOLULU

Fruits grown on Honolulu County totaled \$74.7 million in 2002 compared to \$76.8 million during the previous year and down for the third consecutive year. The decrease in value was mainly due to smaller harvests of papaya and banana. Revenues from other fruits accounted for 5 percent of the island's total. However, Honolulu County ranks first among the counties with 59 percent of the State's fruit value.

**FRUITS: Farm value, by counties, 2002**

Million dollars



HASS

## 2002 PROCESSED FRUITS

### ● GUAVAS

Hawaii processed guava utilization in 2002 totaled 9.7 million pounds compared to 15.3 million pounds processed in 2001. Output was lower with limited sales and reduced yields. Hawaii County growers reported growing other crops and abandoning guava orchards due to lower prices. Total acreage was down 70 acres to 640, and harvested was 60 acres below to 550 in 2002. Reduced guava sales lowered value 33 percent from the previous year to \$1.5 million.

### ● PAPAYAS

Processed papaya utilization increased 7 percent in 2002 to 3.2 million pounds. Processed papayas accounted for 7 percent of papaya utilization compared to 5 percent last year.

### ● PINEAPPLES

Processed pineapple utilization totaled 406 million pounds in 2002, down 5 percent from 2001. About 63 percent of the State's pineapple crop was processed during the year.

### ● OTHER PROCESSED FRUITS

About 40 thousand pounds of the other fruits were utilized for processing in 2002, down 76 percent from the previous year. Wine grape and passion fruit are some of the other processed fruits.

## 2002 FRESH FRUITS

### ● AVOCADOS

Hawaii's 2002 avocado crop totaled 700 thousand pounds, up 17 percent from 2001. Weather conditions were sunny and relatively dry in most of the major growing areas. As a result, large commercial farms that have irrigated fields experienced average to good yields. Many of the smaller farms with unirrigated plantings, however, reported experiencing relatively poor yields. Also contributing to the higher output was a 9-percent increase in harvested acreage to 250 acres. Farm prices averaged 56.0 cents per pound in 2002, down 2 percent from the 57.0 cents per pound average of 2001. The lower farm price was the result of an increase in market supply as local production and imports from the U.S. mainland both increased in 2002. Farm revenues totaled \$392 thousand in 2002, up 15 percent from the previous year and the highest total in 11 years.❖

### ● BANANAS

In 2002, Hawaii banana output pegged at 19.5 million pounds, down 30 percent from the previous year and declining for the second consecutive year. A large

reduction of Cavendish banana acreage caused a sharp decline in both supply and revenue for the year. Banana Bunchy Top Virus (BBTV) remains a concern for growers. Last September the disease was found again in Kailua-Kona on Hawaii County after undergoing an eradication effort. In January 2003, the virus was confirmed in Pukalani, the first incidence for Maui. Growers on Kauai and Oahu continued to monitor and rogue infected plantings to control the disease. Weather for 2002 was favorable with no major wind damage to orchards. Total acreage as of February 2003 was 1,440 acres, 220 acres less than February last year. Harvested acreage totaled 1,300, down 190 acres from a year earlier. Banana sales is valued at \$8.4 million in 2002, falling 21 percent from 2001.

### ● PAPAYAS

Fresh papaya utilization totaled 42.7 million pounds in 2002, 18 percent below last year and declining after three consecutive years of increase. Fresh fruit accounted for virtually all utilization with 93 percent of the total. Outshipments made up 50 percent of the total output. The State's harvested 2002 papaya acreage was down 230 acres to 1,720 acres mainly due to smaller acreage on Hawaii County. Growers planted mainly Rainbow and Kapoho varieties.

### ● PINEAPPLES

Fruit harvested for fresh sales totaled 234 million pounds in 2002, up 6 percent from the 2001 total. Fresh sales accounted for 37 percent of the total pineapple production.

### ● OTHER FRESH FRUITS

Other fresh fruits totaled 2.5 million pounds in 2002, down 5 percent from 2001. About 98 percent of these other fruits were utilized for fresh consumption. Some of the more important fruits in this category were atemoya, grapefruit, lime, longan, lychee, mango, orange, persimmon, rambutan, starfruit, strawberry, tangelo, and tangerine.

Fruit Utilization, State of Hawaii 2002

