

# HAWAII FRUITS

## Annual summary

FREQUENCY: Annual

RELEASED: August 29, 2002

### In this Issue:

2001 Fruit summary	1
Fruit value by counties	2
Processed fruit comments	3
Fresh fruit comments	3



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

### Regina W. Hidano

Agricultural Statistician

### Joyce Jay

Statistical Assistant

Contributing:

James Yamaki - Hawaii

Robert Miyake - Hawaii

Naomi Landgraf - Maui, Molokai, & Lanai

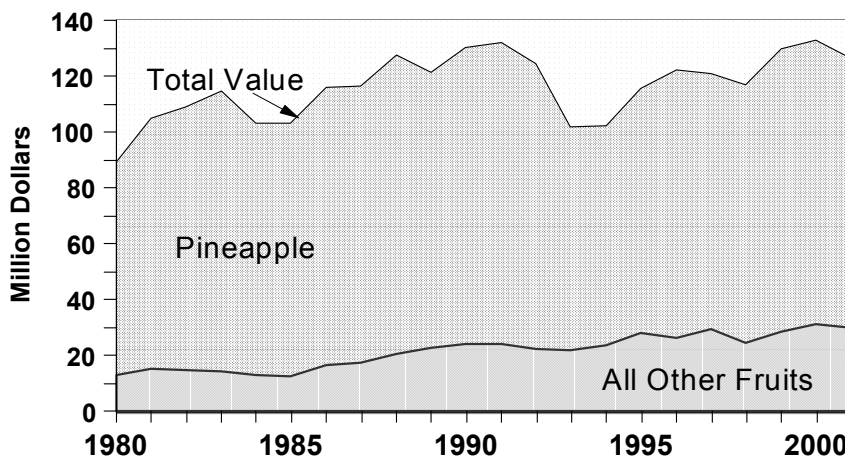
June Okamura - Oahu & Kauai

Wendell Au - Oahu

## FRUIT SALES AND VALUE DOWN FOR 2001

Hawaii fruit growers harvested **747.7** million pounds of fruit for fresh and processed utilization in 2001, down 8 percent from 2000, according to the Hawaii Agricultural Statistics Service (HASS). Fruit acreage totaled 27,244 acres, 2 percent less than the previous year. Compared with 2000, harvests were smaller for all fruits except papaya. The decline in overall fruit value at **\$126.5** million was mainly due to a lighter pineapple harvest. Farm values were also down for papaya, other fruits, and avocado. Honolulu County continued to rank first for fruit value, with pineapple as the top contributor.

### All Fruit Value State of Hawaii, 1980-2001



### FRUITS: Acreage, utilization, and value, State of Hawaii, 2000-2001 <sup>1</sup>

Fruit	Acreage				Utilization						Farm value	
	Total		Harvested <sup>2</sup>		Fresh		Processed		Total		Farm value	
	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
	----- Acres -----				----- 1,000 pounds -----						--- 1,000 dollars ---	
Avocados	360	360	220	230	640	600	--	--	640	600	371	342
Bananas	1,710	1,660	1,460	1,490	29,000	28,000	--	--	29,000	28,000	10,440	10,640
Guavas	800	710	680	610	--	--	15,900	15,300	15,900	15,300	2,051	2,157
Papayas	2,845	2,860	1,650	1,950	50,250	52,000	4,250	3,000	54,500	55,000	16,007	14,598
Pineapples	20,700	20,100	*	*	244,000	220,000	464,000	426,000	708,000	646,000	101,530	96,337
Others <sup>3</sup>	1,410	1,554	555	728	2,715	2,630	134	166	2,849	2,796	2,495	2,453
<b>Total</b>	<b>27,825</b>	<b>27,244</b>	<b>4,565</b>	<b>5,008</b>	<b>326,605</b>	<b>303,230</b>	<b>484,284</b>	<b>444,466</b>	<b>810,889</b>	<b>747,696</b>	<b>132,894</b>	<b>126,527</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.

# 2001 FRUIT VALUE BY COUNTIES

## HAWAII

Farm sales from Hawaii island totaled \$18.7 million, up 7 percent from a year ago mainly generated by higher papaya and banana values. Papaya sales made up over half of the island's total with farm receipts of \$10.2 million. Banana output continued to be ranked second with a value of \$6.3 million, 28 percent more than 2000. Guavas, citrus, tropical specialty fruits, strawberries, avocados, and grapes made up the remaining 12 percent of Hawaii island's fruit value.

### FRUITS: Value of sales, by counties, 1997-01<sup>1</sup>

Year	Pineapples	Other	Total
<i>1,000 dollars (Fresh weight basis)</i>			
<b>State</b>			
1997	91,721	29,564	121,285
1998	92,776	24,530	117,306
1999	101,448	28,525	129,973
2000	101,530	31,364	132,894
<b>2001</b>	<b>96,337</b>	<b>30,190</b>	<b>126,527</b>
<b>Hawaii</b>			
1997	<sup>2</sup>	21,018	21,018
1998	<sup>2</sup>	14,672	14,672
1999	<sup>3</sup>	15,546	15,546
2000	<sup>3</sup>	17,522	17,522
<b>2001</b>	<sup>3</sup>	<b>18,724</b>	<b>18,724</b>
<b>Kauai</b>			
1997	<sup>2</sup>	2,596	2,596
1998	<sup>2</sup>	2,320	2,320
1999	<sup>3</sup>	3,389	3,389
2000	<sup>3</sup>	3,755	3,755
<b>2001</b>	<sup>3</sup>	<b>3,007</b>	<b>3,007</b>
<b>Maui</b>			
1997	28,295	1,136	29,431
1998	28,413	1,051	29,464
1999	28,325	1,056	29,381
2000	29,445	1,102	30,547
<b>2001</b>	<b>27,115</b>	<b>921</b>	<b>28,036</b>
<b>Honolulu</b>			
1997	63,426	4,814	68,240
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
<b>2001</b>	<b><sup>3</sup>69,222</b>	<b>7,538</b>	<b>76,760</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 2001 decreased 20 percent from the previous year to \$3.0 million. Guavas, papayas, and tropical specialty fruits accounted for most of the value. Bananas, avocados, and citrus contributed the remainder.

## MAUI

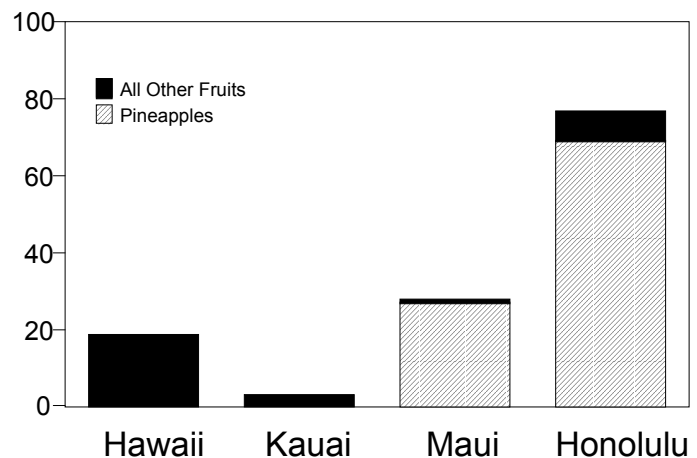
The value of fruit sales from Maui County was down 8 percent from 2000 at \$28.0 million. Pineapple accounted for 97 percent of the Maui County value. Papayas, bananas, tropical specialty fruits, and other fruits made up the rest of the value.

## HONOLULU

Honolulu County grown fruits totaled sales of \$76.8 million in 2001 compared to \$81.1 million during the previous year. Honolulu County continued to rank first among the counties with 61 percent of the State fruit value. The decrease in value was mainly caused by pineapple, which accounted for 90 percent of the county total. Revenue from other fruits was down 16 percent from the previous year, declining for the first time after seven years of consecutive increase. Bananas and papayas contributed most of the value of fruits other than pineapple.

### FRUITS: Farm value, by counties, 2001

Million dollars



HASS

# 2001 PROCESSED FRUITS

## GUAVAS

Hawaii processed guava utilization in 2001 totaled 15.3 million pounds compared to 15.9 million pounds processed in 2000. Some Hawaii island growers continue to cite a lack of market outlets and low prices as conditions being reflected in the island's decreasing acreage. Total acreage was down 90 acres to 710, while harvested was 70 acres below to 610. Guavas totaled \$2.2 million, mainly due to the higher value of Kauai fruit.

## PAPAYAS

Processed papaya utilization decreased 29 percent in 2001 to 3.0 million pounds. Processed papayas accounted for 5 percent of papaya utilization compared to 8 percent last year.

## PINEAPPLES

Processed pineapple utilization totaled 426 million pounds in 2001, down 8 percent from 2000. About 66 percent of the State's pineapple crop was processed during the year.

## OTHER PROCESSED FRUITS

About 166 thousand pounds of the other fruits were utilized for processing in 2001, up 24 percent from the previous year. Wine grape, starfruit, and passion fruit are some of the other processed fruits.

# 2001 FRESH FRUITS

## AVOCADOS

Avocado crop totaled 600,000 pounds, down 6 percent from 2000. Two major factors that contributed to the decline in production were adverse weather and a soft local market. Dry weather was detrimental for fruit set and survival, particularly for farmers in the major growing area of Kona on Hawaii island. In addition, some farmers that had fruits, but no established marketing venue, were having difficulty selling their harvest due to a local market made soft by increased imports from the U.S. mainland. Statewide, avocado yields averaged 2,600 pounds per harvested acre in 2001, down 10 percent from the previous year. Total farm revenue is estimated at \$342,000 for the 2001 crop, down 8 percent from 2000, and the lowest total in 3 years.

## BANANAS

Banana utilization was off 1.0 million pounds to 28.0 million in 2001, declining for the first time after 4 consecutive years of increase. Less Cavendish production at the end of the year was partially offset by

increased output from lower yielding Hawaii Apple variety. A two-year ban on planting bananas in the Kona area, as part of the Department of Agriculture eradication effort for Banana Bunchy Top Virus (BBTV) on Hawaii island, was lifted on March 1<sup>st</sup>. Growers on Kauai and Oahu continued to monitor and to rogue infected plantings to control the disease. Weather for 2001 was generally favorable with no major wind damage. Total acreage as of February 2002 was 1,660 acres, 50 acres less than February last year. Harvested acreage totaled a record 1,490 in 2001, up 30 acres from a year earlier. Higher prices for bananas pushed the farm value to a record \$10.6 million in 2001, 2 percent above the previous year.

## PAPAYAS

Fresh papaya utilization totaled 52.0 million pounds in 2001, 3 percent above last year and the highest since 1994. Fresh fruit accounted for virtually all utilization with 95 percent of the total. Outshipments made up 47 percent of the total output. The State's harvested papaya acreage was up 300 acres to 1,950 acres in 2001 as more acreage on Hawaii island was picked. Growers have continued to farm the Kapoho variety even though it is susceptible to papaya ringspot virus in order to satisfy the Japanese market which does not accept the biotechnology variety Rainbow. Routine field inspections and roguing of infected trees kept losses from papaya ringspot virus at minimum.

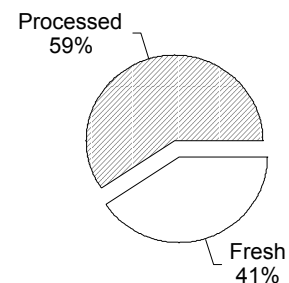
## PINEAPPLES

Fruit harvested for fresh sales totaled 220 million pounds in 2001, down 10 percent from the 2000 total. Fresh sales accounted for 34 percent of the total pineapple production.

## OTHER FRESH FRUITS

Other fresh fruits totaled 2.6 million pounds in 2001, down 3 percent from 2000. About 94 percent of these other fruits were utilized for fresh consumption. Some of the more important fruits in this category were a t e m o y a , grapefruit, lime, lychee, m a n g o , o r a n g e , persimmon, r a m b u t a n , s t a r f r u i t , strawberry, tangelo, and tangerine.

Fruit Utilization, State of Hawaii 2001



HASS