

## AGRICULTURE

For many decades, Hawaii's agriculture has been primarily concerned with the raising of two major crops: sugar and pineapple. All other agriculture in Hawaii is classed as "diversified" agriculture. This includes production of fruit, vegetables, melons, beef and poultry, eggs, milk, honey and certain "exotic" crops such as taro, tropical flowers, macadamia nuts and coffee.

A variety of climate, ranging from hot, arid areas in some coastal sections; to humid, tropical areas and temperate mountain regions make possible a wide range of agricultural activities.

It has been estimated that Hawaii raises slightly more than half the food it needs to feed its own population plus the half-million or more annual visitors and members of the armed forces stationed here. Predicted increases in both population and the number of visitors indicate an expanded market for Hawaii's agriculture.

One of the primary sources of information on Hawaii's diversified agriculture is the Crop and Livestock Reporting Service, Department of Agriculture, which publishes the annual Statistics of Hawaiian Agriculture. The Hawaii Agricultural Experiment Station and the Cooperative Extension Service at the University of Hawaii have available information on agricultural research, production techniques and agricultural economics.

The Department of Planning and Economic Development administers product research and promotion programs for a number of promotional cooperatives. At present these include programs for Kona coffee, fresh fruits, jellies and jams, anthuriums and other tropical flowers, taro and macadamia nuts.

Table 52 -- VALUE OF MARKETINGS OF AGRICULTURAL PRODUCTS:  
1955 TO 1965 (in thousands of dollars)

Year <sup>1</sup>	All agricultural products	Sugar products <sup>1</sup>	Processed pineapple products <sup>2</sup>	Diversified crops and livestock		
				Total	Diversified crops	Livestock products
1955 ...	292,040	145,500	110,000	36,540	11,141	25,399
1956 ...	303,912	148,000	117,000	38,912	12,045	26,867
1957 ...	297,316	146,000	110,000	41,316	13,017	28,299
1958 ...	270,202	105,000	124,000	41,202	9,875	31,327
1959 ...	294,918	131,000	122,000	41,918	10,183	31,735
1960 ...	283,140	127,000	113,000	43,140	10,201	32,939
1961 ...	301,409	146,000	112,000	43,409	9,583	33,826
1962 ...	310,663	157,000	109,000	44,663	10,692	33,971
1963 ...	349,955	188,000	118,005	43,955	9,949	34,006
1964 ...	330,660	163,000	121,000	47,670	11,826	35,245
1965 ...	341,213	175,000	119,000	47,213	11,655	35,558

1. Value of raw sugar, molasses produced, and Sugar Act compliance payments.

2. Value of canned fruit, juice and industry by-products shipped out.

Source: Department of Agriculture Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture 1964 and 1965.

Table 53 -- VALUE OF MARKETINGS FOR DIVERSIFIED CROPS IN HAWAII: 1958 TO 1965 (in thousands of dollars)

Year	Total divers. crops	Vegetables and melons	Fruits	Coffee parchment	Macadamia nuts, in shell	Rice milled	Taro
1955 ...	11,141	4,191	1,209	5,001	162	98	480
1956 ...	12,045	4,384	1,255	5,613	189	77	527
1957 ...	13,017	4,377	1,278	6,548	248	66	500
1958 ...	9,875	4,643	1,390	2,961	339	53	480
1959 ...	10,183	4,355	1,324	3,488	384	40	592
1960 ...	10,201	4,577	1,315	3,202	472	40	595
1961 ...	9,583	4,809	1,653	1,886	619	36	580
1962 ...	10,692	4,897	1,488	2,985	715	33	574
1963 ...	9,949	4,838	1,731	1,744	1,062	-	574
1964 ...	11,564	4,901	1,928	3,025	1,146	-	564
1965 ...	11,336	4,952	2,019	2,280	1,495	-	590

Source: Department of Agriculture, Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture, 1964 and 1965.

Table 54 -- CASH RECEIPTS FROM MARKETINGS OF LIVESTOCK PRODUCTS IN HAWAII: 1955 TO 1965 (in thousands of dollars)

Year	Total	Cattle and calves	Hogs	Milk	Chickens and eggs	Honey and beeswax
1955 ...	25,399	7,465	3,833	7,832	6,236	33
1956 ...	26,867	7,402	3,628	8,658	7,141	38
1957 ...	28,299	8,155	3,654	8,969	7,476	45
1958 ...	31,327	9,463	3,872	9,803	8,150	39
1959 ...	31,735	10,165	3,371	9,884	7,919	36
1960 <sup>1</sup> ...	32,939	9,837	3,684	10,247	9,137	34
1961 ...	33,826	9,827	3,669	10,326	9,958	46
1962 ...	33,971	9,357	3,662	10,774	10,140	38
1963 ...	34,006	9,575	3,764	10,684	9,941	42
1964 ...	35,245	9,703	3,432	11,599	10,457	54
1965 ...	35,558	9,553	3,801	12,802	9,345	57

1. Prior to 1960, data are for "commercial farms" only; from 1960 through 1965 data are for all farms.

Source: Department of Agriculture, Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture, 1964 and 1965.

Table 55 -- OVERSEAS SHIPMENTS OF COFFEE, FRUITS AND NUTS FROM HAWAII:  
1955 TO 1965  
(in thousands of pounds)

Year	Coffee (green)	Fresh Fruit		Processed Fruit			
		Papaya	Pineapple	Guava	Papaya	Passion fruit	Macadamia nuts
1955 ...	6,869	955	9,296	352	1,027	147	47
1956 ...	9,497	1,568	11,972	390	1,067	699	82
1957 ...	9,452	2,457	13,118	468	1,354	925	92
1958 ...	12,273	2,430	14,475	361	1,021	407	114
1959 ...	7,795	2,125	14,752	392	1,060	315	163
1960 ...	9,573	1,067	15,985	468	1,157	78	250
1961 ...	8,747	2,738	15,126	455	1,266	273	357
1962 ...	6,222	3,320	14,752	561	1,122	156	422
1963 ...	7,583	3,196	21,522	549	1,019	241	740
1964 ...	6,435	4,436	38,415	553	1,235	269	739
1965 ...	5,990	4,939	41,523	847	1,162	497	1,031

Source: Department of Agriculture, Statistics of Hawaiian Agriculture, 1964 and 1965.  
Overseas shipments to mainland United States and Canada only.

Table 56 -- INSHIPMENTS OF AGRICULTURAL COMMODITIES TO HAWAII: 1955 TO 1965  
(in thousands of pounds)

Year	Fresh veg. & fruit	Frozen veg. & fruit	Rice	Feeds (tons)	Dairy products	Meats	Poultry
1955 ...	40,338	2,005	63,131	97,919	8,024	22,856	5,532
1956 ...	48,450	2,382	61,087	100,434	7,716	26,295	7,112
1957 ...	48,089	2,509	57,896	100,667	8,333	25,705	7,533
1958 ...	49,710	2,361	56,666	98,338	8,342	24,452	7,948
1959 ...	47,250	2,637	48,010	95,632	8,601	28,315	8,602
1960 ...	69,234	2,613	60,387	116,172	9,278	29,156	8,878
1961 ...	70,239	2,799	59,628	102,463	10,239	32,888	10,003
1962 ...	65,145	3,472	54,636	127,129	10,129	31,506	9,346
1963 ...	80,124	4,067	55,864	124,303	10,753	41,888	10,886
1964 ...	81,339	4,237	54,613	136,687	11,272	44,362	11,773
1965 ...	80,674	4,577	54,991	124,287	10,501	47,220	12,866

Source: Department of Agriculture, Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture, Data on inshipments are prepared by the Market News Service Branch and include shipments by sea and air. Direct shipments to the armed services are excluded.