

## AGRICULTURE

For many decades, Hawaii's agriculture has been primarily concerned with the raising of two major crops: sugar and pineapple. 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 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 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 54. -- VALUE OF MARKETINGS OF AGRICULTURAL PRODUCTS:  
1955 TO 1967 (in thousands of dollars)

Year ending Dec. 31	All agricultural products	Sugar products <sup>1</sup>	Processed pineapple products <sup>2</sup>	Diversified crops and livestock		
				Total	Diversified crops	Livestock products
1955...	297,944	145,500	115,700	36,744	11,341	25,403
1956...	309,583	148,000	122,500	39,083	12,219	26,864
1957...	303,386	146,000	115,900	41,486	13,180	28,306
1958...	276,442	105,000	130,100	41,342	10,009	31,333
1959...	301,365	131,000	128,300	42,065	10,327	31,738
1960...	290,127	127,000	119,300	43,827	10,379	33,448
1961...	307,530	146,000	117,400	44,130	9,862	34,268
1962...	317,239	157,000	114,900	45,339	11,171	34,168
1963...	355,825	188,000	123,500	44,325	10,112	34,213
1964...	338,892	163,000	128,500	47,392	11,870	35,522
1965...	349,475	175,000	127,000	47,475	11,877	35,598
1966...	368,169	190,000	128,000	50,169	12,998	37,171
1967...	374,417	191,000	133,000	50,417	13,157	37,260

1. Value of raw sugar, molasses produced, and Sugar Act compliance payments; (Hawaiian Sugar Planters' Association).

2. Value of fresh and canned fruit, juice and industry by-products shipped out and local sales of canned fruit and juice, (Bank of Hawaii).

Source: Department of Agriculture, Crop and Livestock Reporting Service.

Table 55. -- VALUE OF MARKETINGS FOR DIVERSIFIED CROPS IN HAWAII:  
1955 TO 1967 (in thousands of dollars)

Year ending Dec. 31	Total diversified crops	Vegetables and melons	Fruits <sup>1</sup>	Coffee parchment	Macadamia nuts, in shell	Rice milled	Taro
1955...	11,341	4,191	1,409	5,001	162	98	480
1956...	12,219	4,384	1,429	5,613	189	77	527
1957...	13,180	4,377	1,441	6,548	248	66	500
1958...	10,009	4,643	1,524	2,961	339	53	489
1959...	10,327	4,355	1,470	3,448	382	40	592
1960...	10,379	4,611	1,459	3,202	472	40	595
1961...	9,862	4,842	1,825	1,886	693	36	580
1962...	11,171	4,948	1,677	2,985	954	33	574
1963...	10,112	4,838	1,895	1,744	1,061	--	574
1964...	11,870	4,901	2,190	3,025	1,190	--	564
1965...	11,877	5,105	2,186	2,362	1,651	--	573
1966...	12,998	5,944	2,605	2,058	1,830	--	561
1967...	13,157	6,165	2,909	1,625	1,881	--	577

1. Includes guavas and passion fruit for processing.

Source: Department of Agriculture, Crop and Livestock Reporting Service.

Table 56. -- CASH RECEIPTS FROM MARKETINGS OF LIVESTOCK PRODUCTS IN HAWAII:  
1955 TO 1967  
(in thousands of dollars)

Year ending Dec. 31	Total	Cattle and calves	Hogs	Milk	Chickens and eggs	Honey and beeswax
1955...	25,403	7,465	3,833	7,832	6,236	37
1956...	26,864	7,402	3,628	8,658	7,141	35
1957...	28,306	8,155	3,654	8,969	7,476	52
1958...	31,333	9,463	3,872	9,803	8,150	45
1959...	31,738	10,165	3,731	9,884	7,919	39
1960 <sup>1</sup> ...	33,448	9,837	3,684	10,635	9,258	34
1961...	34,268	9,827	3,777	10,560	10,058	46
1962...	34,168	9,357	3,719	10,774	10,280	38
1963...	34,213	9,575	3,825	10,684	10,088	41
1964...	35,522	9,703	3,485	11,599	10,683	52
1965...	35,598	9,365	3,801	12,802	9,573	57
1966...	37,171	10,861	3,859	12,297	10,099	55
1967...	37,260	11,731	3,525	12,939	9,028	37

1. Prior to 1960, data are for "commercial farms" only; 1960 to 1967 data are revised estimates for all farms.

Source: Department of Agriculture, Crop and Livestock Reporting Service.

Table 57. -- OUTSHIPMENTS OF COFFEE, FRUITS AND NUTS FROM HAWAII:  
1955 TO 1967  
(in thousands of pounds)

Year ending Dec. 31	Coffee (green)	Fresh Fruit		Processed Fruit			Macadamia nuts
		Papaya	Pineapple	Guava	Papaya	Passion fruit	
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	14,800	361	1,021	407	114
1959...	7,795	2,125	15,600	392	1,060	315	163
1960...	9,573	1,067	17,477	468	1,157	78	250
1961...	8,747	2,738	16,666	455	1,266	273	357
1962...	6,222	3,320	16,577	561	1,122	156	422
1963...	7,583	3,196	24,763	549	1,019	241	740
1964...	6,435	4,436	44,337	553	1,235	269	739
1965...	5,990	4,939	49,084	847	1,162	497	1,031
1966...	5,128	5,308	51,130	883	1,318	1,058	977
1967...	5,250	7,224	44,647	773	1,289	924	837

Source: Department of Agriculture, Statistics of Hawaiian Agriculture, Market News Service Branch. Overseas shipments to mainland United States and Canada only.

Table 58. -- INSHIPMENTS OF AGRICULTURAL COMMODITIES TO HAWAII: 1955 TO 1967  
(in thousands of pounds)

Year ending Dec. 31	Fresh veg. & fruit	Frozen veg. & fruit	Rice	Feed (tons)	Dairy products	Meats	Poultry
1955...	66,010	2,005	63,131	97,919	8,024	22,856	5,532
1956...	76,745	2,382	61,087	100,434	7,716	26,295	7,112
1957...	75,007	2,509	57,896	100,667	8,333	25,705	7,533
1958...	75,291	2,361	56,666	98,338	8,342	24,452	7,948
1959...	73,529	2,637	48,010	95,632	8,601	28,315	8,602
1960...	69,234	2,613	60,387	116,172	9,238	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...	80,294	4,067	55,864	124,303	10,753	41,888	10,886
1964...	81,345	4,237	54,613	136,687	11,272	45,942	11,773
1965...	80,956	4,577	54,991	126,756	10,501	48,017	12,866
1966...	79,357	4,693	53,003	139,129	10,930	43,856	13,338
1967...	91,564	5,269	56,049	136,403	12,687	45,906	15,319

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.