

## Section 19

# AGRICULTURE

This section presents statistics on agricultural land, farms, and specific crops, livestock, dairy products, and poultry. Related information appears in Section 6 (on land use), 11 and 15 (agricultural employment and earnings), and 22 (food processing).

There were 4,100 farms in Hawaii as of 1978, with a total area of 2,290,000 acres. Both figures have declined during the past decade. The value of crop sales in 1978 was \$306 million, or 86 percent higher than the total for 1968. Livestock sales amounted to \$73 million, or 91 percent more than the 1968 level. Combined crop and livestock sales ranged from \$45 million in Kauai County to \$125 million on the Big Island. Net farm income in 1977 was \$69.7 million, the lowest annual total since 1971. Major crops in 1978 were sugar (\$183 million in sales, up 64 percent over the decade), pineapple (\$63 million, or 75 percent over the 1968 total), and flowers and nursery products (\$17 million, or 482 percent more than in 1968). Diversified agriculture, defined as all crops other than sugar and pineapple, rose from \$18 million in 1968 to \$61 million in 1978, or approximately 236 percent. About 600 farms sold \$17 million of flowers and nursery products in 1978, chiefly anthuriums, potted foliage, orchids, and ornamentals and trees. Important products of livestock farms as of 1978 included cattle (\$24 million in sales), hogs (\$8 million), milk (\$24 million), and eggs (\$13 million). Coffee sales have fluctuated sharply during the past decade, but macadamia nuts and horticultural specialties have increased rapidly. In 1978, Hawaii produced 41 percent of the fresh market vegetables consumed locally, 28 percent of the fresh market fruits, 36 percent of the beef and veal, 24 percent of the chickens, none of the rice, and 90 percent of the eggs.

Statistics on Hawaiian agriculture exclude pakalōlō (marijuana) and other illicit plants. Some authorities have speculated that the income from such illegal production may exceed that from more traditional forms of diversified agriculture.

Important sources for data on agriculture include the United States Census of Agriculture, most recently conducted at the end of 1974, the annual report on Statistics of Hawaiian Agriculture issued by the Hawaii Agricultural Reporting Service, and publications of the Hawaii Agricultural Experiment Station, Hawaiian Sugar Planters' Association, and Pineapple Growers Association of Hawaii. Agricultural data for earlier years are summarized in Historical Statistics of Hawaii, Section 13. National statistics appear in Section 24 of the Statistical Abstract of the United States: 1978.

Table 313.-- AGRICULTURAL SUMMARY, BY COUNTIES: 1974

County	Number of farms, by size (in acres)					Farm acreage (thousands)			
	All farms	1 to 9	10 to 49	50 to 259	260 and over	Total acreage	Total cropland	Harvested cropland	Irrigated
State total ..	3,020	1,633	872	317	198	2,119	351.6	151.4	141.7
Hawaii .....	1,641	801	546	182	112	1,315	143.2	56.5	9.7
Honolulu .....	697	513	122	36	26	136	51.2	23.9	34.8
Kauai .....	248	113	81	34	20	270	49.8	24.2	38.3
Maui .....	434	206	123	65	40	398	107.4	46.9	59.0
County	Average size of farm (acres)	Average age of farm operators (years)	Tenant operators: percent of total	Regular hired workers <u>1/</u>	Average value of land and buildings		Market value of agricultural products sold		
					Per farm (\$1,000)	Per acre (dollars)	Total (\$1,000)	Average per farm (\$1,000)	Percent of farms over \$2,500
State total ..	702	55.4	36.6	11,497	340.6	485	609,788	201.9	69.3
Hawaii .....	801	55.6	36.4	3,662	330.3	412	214,816	130.9	67.9
Honolulu .....	195	55.4	41.3	2,507	272.4	1,398	135,134	193.9	76.8
Kauai .....	1,089	54.9	38.3	1,980	397.4	365	102,298	412.5	66.1
Maui .....	917	55.2	28.8	3,348	456.3	497	157,539	363.0	64.3

1/ Working 150 days or more on farms with sales of \$2,500 and over.

Source: U.S. Bureau of the Census, U.S. Census of Agriculture: 1974, Vol. I, Part 11.

Table 314.-- NUMBER OF FARMS, FARM ACREAGE, AND VALUE OF CROP AND LIVESTOCK SALES: 1968 TO 1978

Year and county	Number of farms	Farm acreage <sup>1/</sup> (1,000)	Value of crop and livestock sales <sup>2/</sup> (\$1,000)				
			Crops and livestock	Sugar (un-processed cane)	Pineapples (fresh equivalent)	Other crops	Livestock
1968 ...	4,700	2,330	203,051	111,200	35,900	18,066	37,885
1969 ...	4,600	2,310	199,101	104,900	35,500	19,214	39,487
1970 ...	4,500	2,300	213,689	110,600	39,500	21,941	41,648
1971 ...	4,400	2,300	221,692	115,800	40,300	22,539	43,053
1972 ...	4,300	2,300	232,497	117,300	43,900	25,055	46,242
1973 ...	4,100	2,300	266,161	141,900	39,600	29,392	55,269
1974 ...	4,100	2,300	575,473	442,300	40,300	34,964	57,909
1975 ...	4,100	2,300	377,552	237,000	41,600	40,688	58,264
1976 ...	4,100	2,300	327,830	164,700	53,000	47,815	62,315
1977 ...	4,100	2,300	325,459	144,200	62,500	53,751	65,008
1978 ...	4,100	2,290	378,922	182,700	63,000	60,689	72,533

<sup>1/</sup> Includes land not in crop and pasture, such as farm house lots, roads, etc.

<sup>2/</sup> Excludes illegal crops, which are thought by some authorities to have sales greater than those of all legal crops. Shipments of pakalōlō (marijuana) from Hawaii County alone have been estimated at 250,000 pounds annually, with annual sales from these shipments running between \$250 million and \$750 million; see Honolulu Advertiser, August 15, 1978, p. A-4.

Source: Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture (annual).

Table 315.-- NUMBER OF FARMS, FARM ACREAGE, AND VALUE OF CROP AND LIVESTOCK SALES, BY GEOGRAPHIC AREAS:  
1968 TO 1978

Geographic area and year	Number of farms	Farm acreage <sup>1/</sup> (1,000)	Value of crop and livestock sales (\$1,000)				
			Crops and livestock	Sugar (un- processed cane)	Pineapples (fresh equivalent)	Other crops	Livestock
State total:							
1968 .....	4,700	2,330	203,051	111,200	35,900	18,066	37,885
1977 .....	4,100	2,300	325,459	144,200	62,500	53,751	65,008
1978 .....	4,100	2,290	378,922	182,700	63,000	60,689	72,533
Hawaii Co.:							
1968 .....	2,600	1,365	61,397	41,100	-	9,864	10,433
1977 .....	2,450	1,340	98,879	51,900	-	28,874	18,105
1978 .....	2,400	1,337	125,423	68,600	-	34,091	22,732
Maui Co.:							
1968 .....	710	530	56,514	26,000	23,000	2,746	4,768
1977 .....	500	526	83,984	37,100	30,700	9,076	7,108
1978 .....	500	524	90,191	43,600	28,300	10,368	7,923
Oahu:							
1968 .....	950	152	56,672	20,300	11,600	4,357	20,415
1977 .....	850	152	105,236	23,000	31,800	12,882	37,554
1978 .....	850	149	117,972	30,900	34,700	13,256	39,116
Kauai Co.:							
1968 .....	440	283	28,468	23,800	1,300	1,099	2,269
1977 .....	300	282	37,360	32,200	-	2,919	2,241
1978 .....	350	280	45,336	39,600	-	2,974	2,762

<sup>1/</sup> Includes land not in crop and pasture such as farm house lots, roads, wood lots, etc.

Source: Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture (annual).

Table 316.-- ACREAGE IN CROP, NUMBER OF CROP FARMS, VOLUME OF CROP MARKETINGS,  
AND VALUE OF CROP SALES: 1968 TO 1978

Subject	1968	1977	1978
Acreage in crop (1,000 acres):			
Sugarcane .....	242.5	220.7	220.7
Pineapples (land used for pineapple) .....	63.4	45.0	44.0
Vegetables and melons (harvested acreage) ...	3.2	3.8	4.0
Fruits, excluding pineapples .....	3.5	5.1	5.2
Coffee .....	4.4	2.4	2.3
Macadamia nuts .....	8.5	9.9	10.2
Miscellaneous crops .....	2.0	6.2	7.0
Number of crop farms:			
Sugar .....	768	520	480
Pineapples .....	63	16	16
Vegetables and melons .....	562	504	542
Fruits (excluding pineapples) .....	507	673	641
Coffee .....	800	780	750
Macadamia nuts .....	257	456	464
Taro .....	141	129	132
Flowers and nursery products .....	510	550	600
Volume of crop marketings:			
Sugar, unprocessed cane (1,000 tons) .....	11,280	8,994	9,263
Pineapples, fresh equivalent (1,000 tons) ...	921	690	675
Vegetables and melons (1,000 lb.) .....	51,050	68,340	71,990
Fruits, excluding pineapples (1,000 lb.) ....	36,883	76,830	78,220
Coffee, parchment (1,000 lb.) .....	5,700	2,270	1,780
Macadamia nuts, in shell (1,000 lb.) .....	10,444	19,680	22,000
Taro (1,000 lb.) .....	9,140	7,870	7,680
Value of crop sales (\$1,000):			
Sugar (unprocessed cane) .....	111,200	144,200	182,700
Pineapples (fresh equivalent) .....	35,900	62,500	63,000
Vegetables and melons .....	6,546	15,036	16,463
Fruits (excluding pineapples) .....	3,245	9,365	10,321
Coffee (parchment) .....	1,471	3,133	2,072
Macadamia nuts (in shell) .....	2,381	8,030	10,714
Taro .....	676	999	1,029
Field crops (not estimated separately) .....	606	3,055	2,512
Flowers and nursery products .....	3,000	14,003	17,458
Forest products .....	141	130	120

Source: Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture (annual).

Table 317.-- ACREAGE IN CROP, NUMBER OF CROP FARMS, VOLUME OF CROP MARKETINGS,  
AND VALUE OF CROP SALES, BY GEOGRAPHIC AREAS: 1978

Subject	Hawaii County	Maui County	Oahu	Kauai County
Acreage in crop (1,000 acres):				
Sugarcane .....	92.6	48.0	34.0	46.1
Pineapples (land used for pineapple) .....	-	32.0	12.0	-
Vegetables and melons (harvested acreage) ..	1.2	1.3	1.4	0.1
Fruits, excluding pineapples .....	3.4	0.6	0.7	0.5
Coffee .....	2.3	-	-	-
Macadamia nuts .....	10.1	(D)	(D)	(D)
Miscellaneous crops .....	2.7	2.8	1.0	0.5
Number of crop farms:				
Sugar .....	469	3	3	5
Pineapples .....	-	14	2	-
Vegetables and melons .....	187	72	232	51
Fruits (excluding pineapples) .....	393	33	152	63
Coffee .....	750	-	-	-
Macadamia nuts .....	459	1	1	3
Taro .....	47	31	2	52
Flowers and nursery products .....	300	95	180	25
Volume of crop marketings:				
Sugar, unprocessed cane (1,000 tons) .....	3,936	1,985	1,427	1,915
Pineapples, fresh equivalent (1,000 tons) ..	-	488	187	-
Vegetables and melons (1,000 lb.) .....	27,270	26,360	16,020	2,330
Fruits, excluding pineapples (1,000 lb.) ...	49,700	14,940	7,450	6,140
Coffee, parchment (1,000 lb.) .....	1,780	-	-	-
Macadamia nuts, in shell (1,000 lb.) .....	21,930	(D)	(D)	(D)
Taro (1,000 lb.) .....	1,550	1,210		4,920
Value of crop sales (\$1,000):				
Sugar (unprocessed cane) .....	68,600	43,600	30,900	39,600
Pineapples (fresh equivalent) .....		28,300	34,700	-
Vegetables and melons .....	5,614	4,888	5,302	659
Fruits (exluding pineapples) .....	6,496	1,564	1,389	872
Coffee (parchment) .....	2,072	-	-	-
Macadamia nuts (in shell) .....	10,680	(D)	(D)	(D)
Taro .....	264		150	615
Field crops (not estimated separately) .....	238	1,291	473	510
Flowers and nursery products .....	8,627	2,467	6,085	279
Forest products .....	100	8	7	5

D Withheld to avoid disclosure of individual operations.

Source: Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture 1978.

Table 318.-- VEGETABLES, FRUITS, COFFEE, NUTS, AND TARO: 1978

Crop <sup>1/</sup>	Acreage harvested	Yield per acre (1,000 lb.)	Production (1,000 lb.)	Farm price (cents per lb.)	Value of sales (\$1,000)
Vegetables:					
Snapbeans .....	200	6.5	1,300	57.5	748
Chinese cabbage	270	25.1	6,770	12.1	819
Head cabbage ..	460	30.0	13,800	10.5	1,449
Cucumbers .....	260	16.5	4,300	24.0	1,032
Eggplant .....	65	26.8	1,740	34.3	597
Ginger root ...	55	24.4	1,340	61.1	819
Lettuce (head, semi-head) ..	590	17.5	10,300	20.9	2,153
Dry onions ....	75	20.0	1,500	36.3	544
Green onions ..	100	9.8	980	70.5	691
Tomatoes .....	250	28.0	7,000	28.6	2,002
Fruits:					
Bananas .....	560	8.6	4,800	18.5	888
Papayas .....	2,190	29.2	64,000	13.0	8,304
Macadamia nuts ..	9,200	2.4	22,000	48.7	10,714
Coffee (1978-1979)	1,900	0.9	1,780	116.0	2,072
Taro .....	450	...	7,680	13.4	1,029

<sup>1/</sup> Data shown for crops with sales in excess of \$500,000.

<sup>2/</sup> Acreage bearing for macadamia nuts; acreage in crop for taro.

Source: Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture, 1978.

Table 319.-- NUMBER OF LIVESTOCK FARMS, VOLUME OF LIVESTOCK MARKETINGS,  
AND VALUE OF LIVESTOCK SALES: 1968 TO 1978

Subject	1968	1977	1978
Number of livestock farms, Dec. 31:			
Cattle <u>1/</u> .....	1,300	900	800
Hogs .....	710	640	650
Milk .....	150	80	70
Eggs .....	350	70	60
Broilers .....	34	10	10
Honey .....	29	23	28
Volume of livestock marketings:			
Beef (dressed weight; 1,000 lb.) .....	33,621	32,325	33,544
Pork (dressed weight; 1,000 lb.) .....	8,594	8,750	9,851
Milk (million lb.) .....	131.6	147.5	147.3
Eggs (million) .....	203	218	218
Broilers and chickens (1,000 lb. <u>2/</u> ) ...	5,363	6,158	6,786
Honey (1,000 lb.) .....	354	679	814
Value of livestock sales (\$1,000):			
Cattle <u>3/</u> .....	12,860	18,837	24,370
Hogs <u>3/</u> .....	3,873	7,105	7,947
Milk .....	12,489	23,158	23,715
Eggs .....	6,631	12,408	12,699
Broilers and chickens .....	1,934	3,125	3,335
Other .....	98	375	467

1/ Includes beef, dairy, and dairy replacement farms.

2/ Ready-to-cook weight.

3/ Excludes interfarm sales; includes out-of-State sales of slaughter cattle and feeder calves.

Source: Hawaii Agricultural Reporting System, Statistics of Hawaiian Agriculture (annual).



Table 320.-- NUMBER OF LIVESTOCK FARMS, VOLUME OF LIVESTOCK MARKETINGS, AND VALUE OF LIVESTOCK SALES, BY GEOGRAPHIC AREAS: 1978

Subject	Hawaii County	Maui County	Oahu	Kauai County
Number of livestock farms, Dec. 31:				
Cattle <u>1/</u> .....	355	205	85	155
Hogs .....	85	110	355	100
Milk .....	24	17	24	5
Eggs .....	23	5	26	5
Broilers .....	(D)	(D)	(D)	(D)
Honey .....	3	5	8	12
Volume of livestock marketings:				
Beef (dressed weight; 1,000 lb.) .....	21,979	6,657	1,738	3,170
Pork (dressed weight; 1,000 lb.) .....	1,190	1,879	6,290	492
Milk (million lb.) .....	(D)	(D)	119.6	(D)
Eggs (million) .....	13.2	(D)	186.8	(D)
Broilers and chickens (1,000 lb. <u>2/</u> ) ...	(D)	(D)	6,450	(D)
Honey (1,000 lb.) .....	(D)	(D)	(D)	(D)
Value of livestock sales (\$1,000):				
Cattle <u>3/</u> .....	16,004	5,050	1,064	2,252
Hogs <u>3/</u> .....	968	1,628	4,865	486
Milk .....	(D)	(D)	19,340	(D)
Eggs .....	858	(D)	10,663	(D)
Broilers and chickens .....	(D)	(D)	3,148	(D)
Other .....	340	67	36	24

D Withheld to avoid disclosure of individual operations.

1/ Includes beef, dairy, and dairy replacement farms.

2/ Ready-to-cook weight.

3/ Excludes interfarm sales; includes out-of-State sales of slaughter cattle and feeder calves.

Source: Hawaii Agricultural Reporting System, Statistics of Hawaiian Agriculture 1978.

Table 321.-- FLOWERS AND NURSERY PRODUCTS, 1976 TO 1978, AND BY ISLAND, 1978

Island and year	Number of farms	Area					Wholesale value (\$1,000)
		Total (acres)	Greenhouse (1,000 sq. ft.)	Artificial shade structure (1,000 sq. ft.)	Natural shade area (acres)	Open field (acres)	
<b>State total:</b>							
1976 .....	500	1,128	830	9,755	172	713	11,828
1977 .....	550	1,210	948	11,185	197	734	14,003
1978 .....	600	1,203	1,421	13,874	140	712	17,458
<b>Islands, 1978:</b>							
Hawaii .....	300	713	700	10,750	125	325	8,627
Kauai .....	25	19	16	84	2	15	279
Maui .....	95	185	130	390	3	170	2,467
Oahu .....	180	286	575	2,650	10	202	6,085

Source: Hawaii Agricultural Reporting Service, "Flowers and Nursery Products Industry Blooms in 1978," Hawaii Flowers & Nursery Products Annual Summary, April 24, 1979.

Table 322.-- FLOWERS AND NURSERY PRODUCTS, BY KIND OF FLOWER: 1978

Kind of flower	Number of farms	Number of flowers sold		Wholesale value (\$1,000)
		Unit	Number	
<b>Cut flowers:</b>				
Anthuriums .....	187	1,000 dozens	1,925	5,017
Birds of paradise .....	21	1,000 dozens	29	44
Carnations .....	10	1,000 dozens	42	80
Chrysanthemums, pompon .....	14	1,000 bunches	279	204
Chrysanthemums, other .....	4	1,000 dozens	8	39
Gingers .....	24	...	(NA)	75
Proteas, sunburst cordifolium ..	11	1,000 stems	461	165
Proteas, other .....	9	1,000 stems	59	56
Roses .....	4	1,000 dozens	466	738
Others .....	36	...	(NA)	254
<b>Cut orchids:</b>				
Cattleyas .....	21	1,000 flowers	54	28
Cymbidiums .....	16	1,000 flowers	746	273
Dendrobiums, sprays .....	24	1,000 dozens	31	136
Others .....	22	...	(NA)	99
<b>Lei flowers:</b>				
Carnations .....	21	Million flowers	38.8	1,043
Vanda Miss Joaquim .....	26	Million flowers	43.2	555
Plumerias .....	15	Million flowers	36.6	442
Tuberose .....	3	Million flowers	19.5	338
Pikake .....	6	1,000 strands	65	92
<b>Cut foliage:</b>				
Ti leaves .....	31	Million leaves	15.0	247
Other greens .....	27	...	(NA)	140
<b>Potted plants:</b>				
Chrysanthemums .....	9	1,000 pots	176	435
Orchids .....	62	1,000 pots	259	908
Potted foliage .....	71	...	(NA)	3,441
Other potted plants .....	49	...	(NA)	576
Ornamentals and trees .....	63	...	(NA)	811
Other nursery products .....	58	...	(NA)	1,222

NA Not available.

Source: Hawaii Agricultural Reporting Service, "Flowers and Nursery Products Industry Blooms in 1978," Hawaii Flowers & Nursery Products Annual Summary, April 24, 1979.

Table 323.-- MARKET SUPPLY OF SPECIFIED FOODS: 1968 TO 1978

Commodity and year	Total market supply <u>1/</u>			Per capita market supply <u>2/</u>	Percent from Hawaii
	Total	Inshipments	Hawaii		
Fresh market fruits:					
1968 .....	46,862	25,348	21,514	61.8	45.9
1977 .....	70,439	49,783	20,656	72.7	29.3
1978 .....	74,960	53,805	21,155	76.1	28.2
Fresh market melons:					
1968 .....	8,434	6,599	1,835	11.1	21.8
1977 .....	10,871	8,786	2,085	11.2	19.2
1978 .....	12,376	10,506	1,870	12.6	15.1
Fresh market vegetables:					
1968 .....	106,670	61,402	45,268	140.6	42.4
1977 .....	152,532	88,132	64,400	157.4	42.2
1978 .....	165,449	97,119	68,330	168.0	41.3
Beef and veal: <u>3/</u>					
1968 .....	66,295	32,674	33,621	87.4	50.7
1977 .....	93,142	60,817	32,325	96.1	34.7
1978 .....	91,931	58,387	33,544	93.4	36.5
Pork: <u>3/</u>					
1968 .....	25,398	16,804	8,594	33.5	33.8
1977 .....	31,971	23,221	8,750	33.0	27.4
1978 .....	32,427	22,576	9,851	32.9	30.4
Chickens: <u>4/</u>					
1968 .....	19,202	13,839	5,363	25.3	27.9
1977 .....	28,021	21,863	6,158	28.9	22.0
1978 .....	28,483	21,697	6,786	28.9	23.8
Eggs, shell:					
1968 .....	17,546	646	16,900	23.1	96.3
1977 .....	19,706	1,506	18,200	20.3	92.4
1978 .....	20,114	1,914	18,200	20.4	90.5

1/ Eggs in 1,000 dozens; other foods in 1,000 pounds.

2/ Eggs in dozens; other foods in pounds. Based on de facto population.

3/ Carcass weight equivalent.

4/ Ready-to-cook weight.

Source: Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture (annual).

Table 324.-- GROSS AND NET INCOME FROM FARMING AND FARM PRODUCTION EXPENSE:  
1975 TO 1977

[In millions of dollars]

Subject	1975	1976	1977
Gross farm income, total .....	410.8	355.7	379.0
Cash receipts from farm marketings .....	377.7	328.3	324.7
Government payments <u>1/</u> .....	8.6	0.4	24.7
Non-money income .....	11.5	12.8	13.3
Other farm income .....	12.9	14.2	16.3
Farm production expenses, total .....	268.4	284.0	308.1
Current farm operating expenses .....	230.8	248.6	270.6
Hired labor .....	110.7	120.4	140.1
Other current expenses <u>2/</u> .....	120.1	128.2	130.5
Other expenses <u>3/</u> .....	37.6	35.4	37.5
Net change in farm inventories .....	0.3	-1.1	-1.2
Net income after inventory adjustment .....	142.8	70.6	69.7

1/ Excludes amounts paid but allocated to the raw sugar processing and refining segment of the sugar industry (\$24.0 million in 1977).

2/ Feed, livestock, seed, fertilizer and lime, repairs and operation of capital items, and miscellaneous current operating expenses.

3/ Depreciation and other consumption of farm labor, taxes on farm property, interest on farm mortgage debt, and net rent to nonoperator landlords.

Source: U.S. Department of Agriculture estimates cited in the Hawaii Agricultural Reporting Service, Statistics of Hawaiian Agriculture 1978, p. 12.

Table 325.-- LAND USE PRODUCTIVITY RATINGS FOR MAJOR ISLANDS: 1968

[In acres]

Island	Agricultural productivity rating						
	Total	A (very good)	B (good)	C (moder- ate)	D (poor)	E (very poor)	Not rated for pro- ductivity <u>1/</u>
Six islands .....	4,050,176	68,037	128,833	312,558	783,817	2,668,515	88,416
Kauai .....	354,112	10,038	30,276	28,458	30,525	249,276	5,539
Oahu .....	388,928	24,584	32,286	21,986	19,728	228,218	62,126
Molokai .....	167,104	702	-	4,519	40,405	120,309	1,169
Lanai .....	89,280	-	-	4,849	20,219	63,777	435
Maui .....	466,432	32,713	20,067	38,467	99,806	268,726	6,653
Hawaii .....	2,584,320	-	46,204	214,279	573,134	1,738,209	12,494

1/ Quarry, water, or urban.

Source: Arthur Y. Ching and Tamotsu Sahara, Land Use and Productivity Rating, State of Hawaii, 1968, L.S.B. Circular No. 15 (University of Hawaii, Land Study Bureau, July 1969), pp. 20-21.