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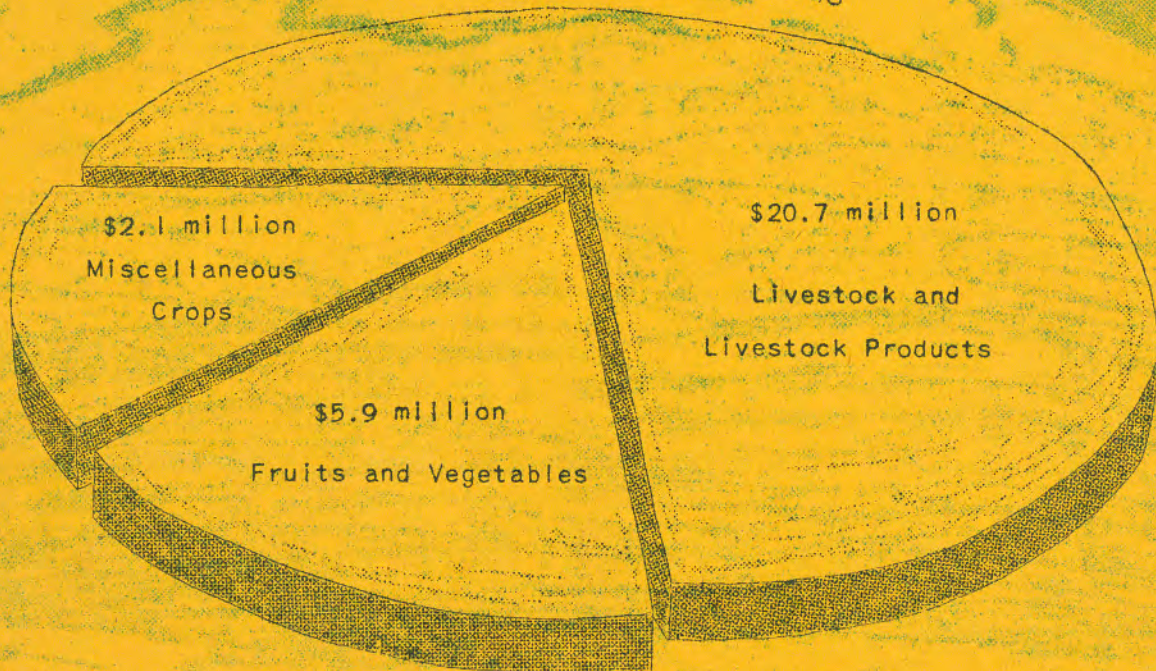
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AGRICULTURAL ECONOMICS REPORT NO. 7

1950 STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII

Prepared under the supervision
of Perry F. Philipp
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VALUE OF 1950 MARKETINGS



Department of Agricultural Economics
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University of Hawaii, College of Agriculture

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PREFACE

METHODS

Diversified crop and livestock statistics in this report represent commercial production only. Livestock and poultry are classified as commercial on an arbitrary basis of size of herd or flock as follows: beef cattle, herds over 20; swine, herds over 10; dairy cattle, over 10 mature dairy cows; and poultry, over 100 layers or meatbirds. Crops are listed as commercial where annual volume moving to market exceeds 10,000 pounds on a given island.

Livestock numbers are based on a survey of commercial producers by county agents in August or December. Other data on livestock are based on information supplied by representative producers on the various islands. Conversion of samples to total commercial is accomplished by the usual statistical procedure.

Acreage of *fruits, vegetables, and miscellaneous crops* is from crop reporters' records of plantings. Production is estimated from recorded marketings from each island, weighted to allow for direct, or otherwise unrecorded, sales by farmers to consumers or dealers. Estimates of production include tonnage lost for lack of market demand, but no value is included for this tonnage.

Prices of diversified export products are averages, free alongside ship, on island of origin. Other prices represent average annual wholesale prices for island of origin, weighted to allow for percentage of various grades and sizes sold. Fruit and vegetable prices are also weighted for seasonal volume.

Plantation crop estimates of acreage and volume are those given by the Pineapple Research Institute and the Hawaiian Sugar Planters' Association.

ACKNOWLEDGMENT

County agents of the Agricultural Extension Service furnished the bulk of information on acreage and production of diversified crops and livestock. The aid of the Hawaiian Sugar Planters' Association and the Pineapple Research Institute in providing information on sugar and pineapples has been valuable. Producers and dealers in diversified crops and livestock furnished both annual and periodic information. The cooperation of the Board of Agriculture and Forestry and the Territorial Board of Health is also gratefully acknowledged.

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Perry F. Philipp
Acting Extension Economist

DIVERSIFIED AGRICULTURE IN HAWAII IN 1950¹

Land Utilization

Total land area of the Territory is 4.1 million acres, but only 7.5 percent is in cultivated crops. Most of the remaining area is mountainous, semi-arid, or in lava flows. Forest reserves comprise 30 percent, and beef and sheep graze on 37 percent of the total area. The remainder is cities, towns, roads, military establishments, parks, and waste land.

Total land area in cultivated crops was 306,000 acres in 1950. This was about 10,000 acres more than in 1949, mainly because of increases in sugar and pineapple acreages. The area in sugar cane rose from 213,000 acres in 1949 to 220,000 in 1950. The pineapple acreage, which had remained unchanged at 68,000 acres since 1947, rose to 71,000 acres in 1950. The amount of land used for diversified crops increased from 14,000 to 14,700 acres, with expansion occurring in macadamia nuts, tree fruits, and vegetables.

Number of Farms

About 3,600 farms produced livestock and diversified crops on a commercial scale in the Territory in 1950. Some of these farms had both crop and livestock enterprises. Of the 1,370 livestock producers, 340 had beef cattle as a major enterprise, 2 sheep, 520 hogs, 430 poultry, and 75 dairies. Of the fruit and vegetable farmers, 300 raised taro as a major crop and 1,450 produced other vegetables and fruits. Coffee was a major product on 700 farms, macadamia nuts on 85, rice on 60, and honey on 20.

Agriculture in 1950

Rainstorms in January, April, August, November, and December 1950, reduced harvests of truck crops and bananas.

Maritime strikes, curtailing imports from the Mainland, resulted in better demand and prices for Island-produced agricultural products during 1949 than would otherwise have prevailed. With no transportation interruptions in 1950, prices of most territorial agricultural products were somewhat lower than in 1949. Major exceptions were beef and Kona coffee prices which increased in line with mainland prices. Taro prices also rose as a result of short supply.

Crop and Livestock Marketings

The value of livestock and diversified crop marketings, based on wholesale prices, was estimated at \$28.7 million in 1950 compared with \$28.9 million in 1949 and \$30.4 million in 1948. (The wholesale value of 1950 flower marketings, about \$2 million, was not included in this estimate.) Of the 1950 total, 72 percent or \$20.7 million was from livestock products and \$8.0 million or 28 percent from crops.

Fresh Vegetables

The wholesale value of fresh vegetable marketings in 1950 was \$4.4 million compared with \$4.6 in 1949. The volume of fresh vegetables produced was 46.9 million pounds, a slight decrease from the 47.1 million in 1949. The value of taro marketed for poi manufacture increased to \$520,000 in 1950 from \$440,000 in 1949 as a result of higher prices. The quantity decreased from 13.9 million pounds in 1949 to 11.7 million in 1950.

¹Many figures rounded in text. See tables for details.

Fresh Fruits and Nuts

Fresh fruits (except pineapples) declined in value from \$1.1 million in 1949 to \$0.95 million in 1950, largely because of lower prices for papayas. The volume of fresh fruits increased from 14.0 million pounds in 1949 to 15.4 million in 1950. Greater tonnage of papayas accounted for most of this increase. Macadamia nuts worth \$128,000, unshelled basis, were marketed in 1950 compared with marketings worth \$115,000 in 1949. The quantity increased from 680,000 pounds in 1949 to 755,000 pounds in 1950.

Miscellaneous Crops

Marketings of green coffee for the 1949-50 crop year ending June 30 were estimated at 4.3 million pounds, 1.6 million less than in the previous year. The small crop was caused by poor growing weather during the time the crop was setting and developing. However, as a result of higher prices, the value of green coffee, f.o.b. Kona mill, was \$1.8 million compared to \$1.6 million the year before. The value of rice and field corn, was \$0.2 million in 1950, unchanged from 1949.

Beef Cattle

Despite a decline in cattle marketings from 33,700 head in 1949 to 29,500 head in 1950, higher prices raised the value of beef products from \$7.1 million in 1949 to \$7.2 in 1950.

Dairy Products

Milk production in 1950 was 35.6 million quarts compared with 31.7 million in 1949. The value of milk and dairy meat products was \$6.8 million compared with \$6.4 million in 1949.

Swine

The number of Island hogs marketed rose from 44,300 in 1949 to 53,400 in 1950. However, lower prices brought about a decline in the value of marketings, delivered slaughterhouse, from \$3.1 million in 1949 to \$3.0 million in 1950.

Mutton and Wool

The value of mutton and wool marketings in 1950 was \$74,000 compared with \$84,000 in 1949.

Poultry

Egg production in 1950 amounted to 3.7 million dozens, an increase from the 3.2 million dozens produced in 1949. Lower prices reduced the wholesale value of eggs and poultry meat marketings from \$4.1 million in 1949 to \$3.5 million in 1950.

Honey

Honey and beeswax production in 1950 totaled 810,000 pounds with an estimated value of \$67,000 compared with 750,000 pounds valued at \$60,000 in 1949.

STATISTICS OF VALUE AND VOLUME OF AGRICULTURAL MARKETINGS
Table 1.--Volume of Hawaiian Agricultural Marketings, 1950, 1949, and 1948 ^{1/}

Commodity	Unit	1950	1949 ^{2/}	1948
Sugar, raw (96°), and by-products ^{3/}	tons	960,961	955,890	835,107
Pineapples: ^{4/} canned fruit	cases	13,448,329	13,696,908	11,429,144
canned juice	cases	10,404,518	10,043,475	8,893,631
Beef cattle	head	29,470	33,690	34,140
Dairy products: meat, including calves	head	3,390	4,430	6,010
milk	1,000 quarts	35,624	31,735	31,326
Sheep products: mutton	head	1,950	2,980	2,750
wool	1,000 pounds	65	72	75
Swine ^{5/}	head	53,400	44,300	43,100
Poultry products: eggs	1,000 dozens	3,707	3,173	3,290
meat birds	number	583,400	471,700	359,000
Bee products: honey, extracted	1,000 pounds	795	738	652
beeswax	1,000 pounds	17	12	12
Fruits, fresh (except pineapples)	1,000 pounds	15,400	13,950	18,505
Vegetables, fresh	1,000 pounds	46,855	47,095	48,385
Taro (for manufacture)	1,000 pounds	11,740	13,900	14,195
Coffee, green ^{6/}	1,000 pounds	4,300	5,900	6,990
Corn, field (shelled)	1,000 pounds	965	795	735
Macadamia nuts, unshelled	1,000 pounds	755	680	700
Rice, milled	1,000 pounds	1,030	725	555

^{1/} MARKETINGS OF COMMERCIAL PRODUCERS.

^{2/} REVISED ESTIMATES.

^{3/} HAWAIIAN SUGAR PLANTERS' ASSOCIATION ESTIMATES.

^{4/} PINEAPPLE RESEARCH INSTITUTE ESTIMATES OF PACKS, FISCAL YEAR ENDING MAY 31 OF YEAR GIVEN. FROZEN FRUIT PACKS NOT INCLUDED.

^{5/} FEEDERS IMPORTED FROM THE MAINLAND AND FATTENED ON TERRITORIAL FARMS ARE NOT INCLUDED.

^{6/} ESTIMATES FOR CROP YEAR ENDING JUNE 30 OF YEAR GIVEN.

Table 2.--Value of Diversified Agricultural Marketings, 5-Year Comparison, 1946-50 1/

Commodity	1950	1949 2/	1948 2/	1947	1946
	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
<u>Livestock, poultry, and bee products</u>					
Beef products	7,221	7,068	7,509	6,049	4,931
Sheep products	74	84	66	37	60
Dairy products: milk and meat	6,830	6,407	6,441	5,778	4,704
Swine	3,003	3,113	3,376	3,194	3,319
Poultry products	3,457	4,082	3,837	3,437	2,701
Bee products	67	60	56	120	159
Total livestock and bee products	20,652	20,816	21,285	18,615	15,874
<u>Fruits and vegetables</u>					
Fruits, fresh (except pineapples)	957	1,095	1,156	1,151	878
Vegetables, fresh	4,399	4,642	5,118	4,457	5,725
Taro (for manufacture)	524	437	697	814	568
Total fruits and vegetables	5,880	6,174	6,971	6,422	7,171
<u>Miscellaneous crops</u>					
Coffee, green 3/	1,793	1,569	1,825	1,746	1,028
Corn, field (shelled)	48	54	28	49	35
Macadamia nuts, unshelled	128	115	119	117	95
Rice, milled	156	143	157	167	137
Total miscellaneous crops	2,125	1,881	2,129	2,079	1,295
Total livestock and diversified agricultural products 4/	28,657	28,871	30,385	27,116	24,340

1/ MARKETINGS OF COMMERCIAL PRODUCERS. VALUE BASED ON WHOLESALE, PROCESSING PLANT, OR F.O.B. ISLAND PORT PRICES.

2/ REVISED ESTIMATES.

3/ ESTIMATES FOR CROP YEAR ENDING JUNE 30 OF GIVEN YEAR.

4/ VALUE OF FLOWERS AND FOLIAGE, ESTIMATED AT ABOUT \$2,000,000 WHOLESALE, NOT INCLUDED.

Table 3.—Value of Diversified Agricultural Product Marketings, by Commodity and Island of Origin, 1950, with 1949 and 1948 Comparisons^{1/}

Commodity	Hawaii	Maui	Molokai & Lanai	Oahu	Kauai & Niihau	Territory		
						1950	1949 ^{2/}	1948 ^{2/}
	1,000 dollars					1,000 dollars		
Beef cattle:								
Meat, hides, tallow, and offal	4,660	1,298	319	293	651	7,221	7,068	7,509
Sheep:								
Wool, mutton, offal, and hides	3 ^{1/}	-	-	-	3 ^{1/}	74	84	66
Dairy:								
Milk, meat, hides, tallow, and offal	489	569	3 ^{1/}	5,503	256	6,830	6,407	6,441
Swine:								
Pork	330	247	109	2,157	160	3,003	3,113	3,376
Poultry: ^{4/}								
Eggs and meat	641	402	18	2,231	165	3,457	4,084	3,837
Honey, extracted; and beeswax	7	19	2	9	30	67	60	56
Total livestock and bee products	6,181	2,535	461	10,193	1,282	20,652	20,816	21,285
Fruits, fresh (except pineapples)	189	73	3	676	16	957	1,095	1,156
Vegetables, fresh	1,426	927	32	1,780	234	4,399	4,642	5,118
Taro (for manufacture)	147	63	13	222	79	524	437	697
Total fruits and vegetables	1,762	1,063	48	2,678	329	5,880	6,174	6,971
Coffee, green ^{5/}	1,793	-	-	-	-	1,793	1,569	1,825
Corn, field (shelled)	18	18	8	-	4	48	54	28
Macadamia nuts, unshelled	85	4	-	15	24	128	115	119
Rice, milled	-	-	-	-	156	156	143	157
Total miscellaneous crops	1,896	22	8	15	184	2,125	1,881	2,129
Total livestock and diversified agricultural products	9,839	3,620	517	12,886	1,795	28,657	28,871	30,385

^{1/} MARKETINGS OF COMMERCIAL PRODUCERS. VALUE BASED ON WHOLESALE, PROCESSING PLANT, OR F.O.B. ISLAND PORT PRICES.

^{2/} REVISED ESTIMATES.

^{3/} DATA DELETED OR ROUNDED TO AVOID DISCLOSURE.

^{4/} INCLUDING QUANTITY CONSUMED AT HOME.

^{5/} ESTIMATES FOR CROP YEAR ENDING JUNE 30 OF GIVEN YEAR.

Table 4.--Volume of Marketings of Diversified Agricultural Products, by Commodities and Island of Origin, 1950, with 1949 and 1948 Comparisons 1/

Commodity	Unit	Hawaii	Maui	Molokai & Lanai	Oahu	Kauai & Niihau	Territory		
							1950	1949 2/	1948 2/
Livestock, poultry, and bee products									
Beef cattle	head	18,230	5,820	1,550	1,090	2,780	29,470	33,640	34,120
Dairy cows and calves									
Meat animals	head	190	300	-	2,820	80	3,390	4,430	6,010
Milk	1,000 quarts	2,411	2,728	3/	28,936	1,476	35,624	31,735	31,326
Sheep	head	3/	-	-	-	3/	1,950	2,980	2,750
Wool	1,000 pounds	3/	-	-	-	3/	65	72	75
Swine 4/	head	6,600	4,900	2,000	37,100	2,800	53,400	44,300	43,100
Poultry 5/									
Eggs	1,000 dozens	730	512	20	2,297	148	3,707	3,173	3,290
Meat birds	number	97,900	41,400	2,700	403,500	37,900	583,400	471,700	359,000
Bee products									
Honey, extracted	1,000 pounds	75	231	22	110	357	795	738	652
Beeswax	1,000 pounds	2	5	6/	2	7	17	12	12
Fruits and vegetables									
Fruits, fresh (except pineapples)									
pineapples)	1,000 pounds	2,220	740	50	12,125	265	15,400	13,950	18,505
Vegetables, fresh	1,000 pounds	15,095	12,985	400	15,970	2,405	46,855	47,095	48,385
Taro (for manufacture)	1,000 pounds	2,500	1,400	300	5,290	2,250	11,740	13,900	14,195
Total fruits and vegetables		19,815	15,125	750	33,385	4,920	73,995	74,945	81,085
Miscellaneous crops									
Coffee, green 7/	1,000 pounds	4,300	-	-	-	-	4,300	5,900	6,990
Corn, field (shelled)	1,000 pounds	350	350	190	-	75	965	795	735
Macadamia nuts, unshelled	1,000 pounds	500	25	-	90	140	755	680	700
Rice, milled	1,000 pounds	-	-	-	-	1,030	1,050	725	555
Total miscellaneous crops		5,150	375	190	90	1,245	7,050	8,100	8,980

1/ MARKETINGS OF COMMERCIAL PRODUCERS.

2/ REVISED ESTIMATES.

3/ DATA DELETED TO AVOID DISCLOSURE.

4/ FEEDERS IMPORTED FROM THE MAINLAND AND FATTENED ON TERRITORIAL FARMS ARE NOT INCLUDED.

5/ INCLUDES QUANTITY CONSUMED AT HOME.

6/ LESS THAN 1,000 POUNDS.

7/ CROP YEAR ENDING JUNE 30 OF YEAR GIVEN.

STATISTICS OF LAND UTILIZATION AND DIVERSIFIED FARMS
Table 5.--Territorial Land Utilization, 1950, 1949, and 1948

Commodity	1950	Percentage of total land area	1949 ^{1/}	Percentage of total land area	1948 ^{1/}	Percentage of total land area
	<u>Acres</u>	<u>Percent</u>	<u>Acres</u>	<u>Percent</u>	<u>Acres</u>	<u>Percent</u>
Diversified crops: ^{2/}						
Coffee ^{3/}	3,500		3,500		3,500	
Corn, field ^{4/}	788		860		700	
Fruits, tree ^{3/}	2,219		2,043		2,065	
Nuts, macadamia ^{5/}	1,767		1,317		1,166	
Rice ^{4/}	194		210		163	
Taro ^{3/}	874		944		1,015	
Vegetables ^{4/}	5,389		5,064		5,145	
Total diversified crops ^{6/}	14,730	0.4	14,020	0.3	13,820	0.3
Plantation crops:						
Sugar cane ^{7/}	220,380		213,350		206,550	
Pineapples ^{8/}	70,720		68,000		68,000	
Total plantation crops	291,100	7.1	281,350	6.9	274,550	6.7
Total cultivated crops ^{6/}	305,830	7.5	295,370	7.2	288,370	7.0
Other agricultural uses:						
Ranges: beef and sheep ^{9/}	1,533,000		1,577,000		1,600,000	
Territorial forest reserves ^{10/}	1,211,833		1,066,840		1,066,840	
Total other ^{6/}	2,744,835	66.9	2,643,840	64.5	2,666,840	65.0
Total agricultural utilization ^{6/}	3,050,665	74.4	2,939,210	71.7	2,955,290	72.0
Total land area ^{11/}	4,099,840					

1/ SOME FIGURES REVISED.

2/ COMMERCIAL ACREAGE ONLY; SOME MINOR CROPS OMITTED.

3/ AVERAGE ACREAGE DURING YEAR.

4/ PLANTINGS FOR HARVEST DURING THE GIVEN YEAR.

5/ END-OF-YEAR ACREAGE.

6/ ROUNDED SUBTOTALS AND TOTALS.

7/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION ESTIMATES; ACRES IN CROP, END OF YEAR, ROUNDED.

8/ PINEAPPLE RESEARCH INSTITUTE ESTIMATES FOR END OF YEAR, INCLUDING FALLOW LAND, CAMPSITES, AND ROADS.

9/ COUNTY AGENTS' ESTIMATES.

10/ BOARD OF AGRICULTURE AND FORESTRY DATA.

11/ 1940 CENSUS DATA.

Table 6.--Land Utilization by Islands, 1950

Commodity	Hawaii		Maui		Molokai-Lanai		Oahu		Kauai-Niihau	
	Acres	Per- cent ^{1/}	Acres	Per- cent ^{1/}	Acres	Per- cent ^{1/}	Acres	Per- cent ^{1/}	Acres	Per- cent ^{1/}
Diversified crops: ^{2/}										
Coffee ^{3/}	3,500		-		-		-		-	
Corn, field	420		273		70		-		25	
Fruits, tree ^{3/}	292		224		87		1,585		31	
Nuts, macadamia ^{4/}	1,114		218		2		180		253	
Rice ^{5/}	-		-		-		-		194	
Taro ^{3/}	158		91		30		426		169	
Vegetables ^{5/}	1,372		1,556		66		2,133		262	
Total diversified crops ^{6/}	6,855	0.3	2,360	0.5	255	0.1	4,325	1.1	935	0.2
Plantation crops:										
Sugar cane ^{7/}	100,650		38,715		-		35,870		45,145	
Pineapples ^{8/}	280		11,435		32,520		20,435		6,050	
Total plantation crops	100,930	3.9	50,150	10.2	32,520	12.7	56,305	14.9	51,195	12.8
Total cultivated land ^{6/}	107,785	4.2	52,510	10.7	32,775	12.8	60,630	16.0	52,130	13.0
Other agricultural uses:										
Ranges: beef and sheep ^{9/}	1,128,000		150,000		91,000		30,000		134,000	
Territorial forest reserve ^{10/}	721,064		160,055		52,805		117,254		160,655	
Total other ^{6/}	1,849,065	71.8	310,055	62.8	143,805	56.0	147,255	39.1	294,655	73.9
Total agricultural utilization ^{6/}	1,956,850	76.0	362,565	73.3	176,580	68.8	207,885	55.1	346,785	86.9
Total land area ^{11/}	2,573,440		494,080		256,640		376,960		398,720	

1/ PERCENTAGE OF TOTAL LAND AREA.

2/ COMMERCIAL ACREAGE ONLY. SOME MINOR CROPS OMITTED.

3/ AVERAGE ACREAGE DURING YEAR.

4/ END-OF-YEAR ACREAGE.

5/ PLANTINGS FOR 1950 HARVEST.

6/ ROUNDED SUBTOTALS AND TOTAL.

7/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION ESTIMATES; ACRES IN CROP AT END OF YEAR, ROUNDED.

8/ PINEAPPLE RESEARCH INSTITUTE ESTIMATES FOR END OF YEAR, INCLUDING FALLOW LAND, CAMPSITES, AND ROADS.

9/ COUNTY AGENTS' ESTIMATES.

10/ BOARD OF AGRICULTURE AND FORESTRY DATA.

11/ 1940 CENSUS DATA.

Table 7.-- Number of Commercial Scale Diversified Agricultural Enterprises and Total Number of Farms, 1950, with 1949 and 1948 Comparison 1/

Commodity	Hawaii	Maui	Molokai and Lanai	Oahu	Kauai and Niihau	Territory		
						1950	1949	1948
Beef cattle	173	85	20	17	48	343	329	291
Sheep	2	-	-	-	1	3	3	3
Dairy	22	7	1	41	4	75	74	75
Hogs	76	76	30	292	44	518	481	490
Poultry	166	40	5	196	22	429	442	481
Total livestock	439	208	56	546	119	1,368	1,329	1,340
Fruits and vegetables 2/	367	270	27	681	101	1,446	1,453	1,445
Taro	62	72	12	98	60	304	314	338
Total fruits and vegetables	429	342	39	779	161	1,750	1,767	1,783
Coffee	700	-	-	-	-	700	703	700
Macadamia nuts	37	7	4	6	30	84	70	65
Rice	-	-	-	-	58	58	59	49
Honey	3	8	2	7	2	22	23	29
Total miscellaneous crops	740	15	6	13	90	864	855	843
Total commercial-scale enterprises 3/ 4/	1,608	565	101	1,338	370	3,982	3,951	3,966
Total farms 5/	1,500	540	80	1,230	270	3,620	3,625	3,650

1/ NUMBER OF DAIRY, HOG, AND POULTRY ENTERPRISES AS OF AUGUST 31, 1950. NUMBER OF ALL OTHER ENTERPRISES AS OF DECEMBER 31, 1950.

2/ EXCEPT PINEAPPLES. IN DECEMBER 1950 THERE WERE 93 PINEAPPLE GROWING ENTERPRISES IN THE TERRITORY.

3/ SOME FARMS HAVE MORE THAN ONE ENTERPRISE.

4/ SUGAR CANE GROWERS ARE NOT INCLUDED. OF THE 1903 SUGAR CANE PRODUCING ENTERPRISES OPERATING IN THE TERRITORY ON DECEMBER 31, 1950, 1877 WERE LOCATED ON HAWAII, 18 ON KAUAI, 5 ON OAHU, AND 3 ON MAUI. FLOWER AND FOLIAGE PRODUCERS ARE ALSO NOT INCLUDED. IN 1950 THERE WERE ABOUT 2,000 COMMERCIAL OR POTENTIALLY COMMERCIAL FLORAL ENTERPRISES. OF THESE ABOUT 1,000 (INCLUDING HOBBYISTS) WERE LOCATED ON OAHU, 900 ON HAWAII, 85 ON KAUAI, AND 25 ON MAUI.

5/ IN "TOTAL FARMS" EACH FARM IS LISTED ONLY ONCE REGARDLESS OF NUMBER OF ENTERPRISES.

Table 8.--WEIGHTED AVERAGE ANNUAL WHOLESALE PRICES OF LIVESTOCK, POULTRY,
AND BEE PRODUCTS, 1950, 1949, AND 1948^{1/}

Commodity	Unit	1950		1949 ^{2/}		1948 ^{2/}	
		Oahu	Outlying islands	Oahu	Outlying islands	Oahu	Outlying islands
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Beef cattle:							
Beef carcasses ^{3/}	pound	.48	.44	.448	.398	.445	.395
Offal, hide, and tallow ^{3/}	per beef animal	26.10	25.00	19.50	18.20	24.70	23.40
Dairy cattle and milk:							
Milk ^{4/}	quart	.18	.19	.18	.19	.18	.19
Mature dairy cattle carcasses ^{3/}	pound	.41	.36	.404	.355	.40	.35
Dairy calf carcasses ^{3/}	pound	.23	.23	.27	.22	.25	.21
Offal, hide, and tallow ^{3/}	per mature dairy animal	23.90	22.80	18.00	16.70	22.70	21.40
Offal and hide ^{3/}	per dairy calf	3.20	3.10	3.00	2.90	3.20	3.15
Sheep and wool:							
Mutton carcasses ^{3/}	pound	-	.31	-	.30	-	.23
Wool ^{5/}	pound	-	.65	-	.50	-	.43
Offal and hide ^{3/}	per animal	-	1.20	-	1.05	-	1.05
Swine ^{6/}	liveweight, pound	.34	.34	.42	.42	.42	.42
Poultry and eggs:							
Eggs in cases	dozen	.67	.64	.92	.89	.91	.88
Hens and roosters sold for meat	liveweight, pound	.41	.42	.57	.58	.63	.50
Broilers, fryers, and roasters	liveweight, pound	.50	.52	.65	.67	.75	.60
Bee products:							
Honey ^{5/}	extracted, pound	.075	.075	.075	.075	.08	.08
Beeswax ^{5/}	pound	.41	.41	.38	.38	.43	.43

1/ PRICES WEIGHTED BY THE RELATIVE MARKETINGS OF EACH GRADE.

2/ SOME FIGURES REVISED.

3/ SALES BY SLAUGHTERHOUSE.

4/ DELIVERED BOTTLING PLANT.

5/ F.A.S. ISLAND PORT.

6/ DELIVERED SLAUGHTERHOUSE.

STATISTICS OF COMMERCIAL CATTLE RANCHES
(Ranches with 20 head or more are classified as commercial)

Table 9.--Weight and Value of Beef Cattle Marketings, 1950, with 1949 and 1948 Comparisons

Island	Number of head marketed	Dressed weight	Value at slaughterhouse		
			Dressed carcasses	Offal, hides and tallow	Total
		1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Hawaii	18,230	9,554	4,204	456	4,660
Maui	5,820	2,619	1,152	146	1,298
Molokai and Lanai	1,550	636	280	39	319
Oahu	1,090	553	265	28	293
Kauai and Niihau	2,780	1,320	581	70	651
Territory	1950	29,470	14,682	739	7,221
	1949 ^{1/}	33,640	16,171	615	7,068
	1948 ^{1/}	34,120	16,941	799	7,509

^{1/} SOME ESTIMATES REVISED.

Table 10.--Ranches, Pasture Acreage, Number of Cattle, and Marketing, 1950, with 1949 and 1948 Comparisons

Island	Number of ranches	Acreage used for pasture	Beef cattle on ranches December 31	Beef cattle marketed in 1950	Marketings as percentage of number of cattle on ranches	Pasture per head at end of year
	Number	Acres	Number	Number	Percent	Acres
Hawaii						
East	113	473,000	31,300	6,000	19	15.1
West	35	224,000	17,500	3,450	20	12.8
North	25	401,000	43,700	8,780	20	9.2
Total	173	1,098,000	92,500	18,230	20	11.9
Maui	85	150,000	25,300	5,820	23	5.9
Molokai and Lanai	20	91,000 ^{1/}	6,500	1,550	24	14.0
Oahu	17	30,000	4,300	1,090	25	7.0
Kauai and Niihau	48	134,000 ^{2/}	13,600	2,780	20	9.9
Territory 1950	343	1,503,000	142,200	29,470	21	10.6
1949 ^{3/}	316	1,547,000	141,200	33,640	24	11.0
1948 ^{3/}	321	1,570,000	141,500	34,120	24	11.1

^{1/} INCLUDES MOLOKAI ACREAGE ONLY. RANCHING ON LANAI DISCONTINUED DURING 1950.

^{2/} ACREAGE USED FOR BOTH BEEF CATTLE AND SHEEP.

^{3/} REVISED ESTIMATES.

STATISTICS OF COMMERCIAL DAIRIES
(Dairies with 10 or more mature dairy cows are classified as commercial)

Table 11.--Number of Mature Dairy Cows, and Production and Value of Milk,
by Islands, 1950, 1949, and 1948

Island	Number of mature dairy cows, August 31			M i l k					
				Yearly production			Yearly value ^{1/}		
	1950	1949	1948	1950	1949	1948	1950	1949 ^{2/}	1948
				1,000 quarts			1,000 dollars		
Hawaii	780	850	840	2,411	2,558	2,557	458	486	486
Maui	1,020	990	1,100	2,728	2,759	3,048	524	524	579
Molokai	20 ^{3/}	20 ^{3/}	20 ^{3/}	73	73	68	^{3/}	^{3/}	^{3/}
Oahu	7,520	6,400	7,100	28,936	25,031	24,371	5,208	4,506	4,460
Kauai	520	470	460	1,476	1,314	1,282	244	250	244
Territory									
1950	9,860			35,624			6,450 ^{3/}		
1949		8,730			31,735			5,780 ^{3/}	
1948			9,520			31,326			5,780 ^{3/}

^{1/} DELIVERED BOTTLING PLANT.

^{2/} SOME FIGURES REVISED.

^{3/} DATA DELETED OR ROUNDED TO AVOID DISCLOSURE.

Table 12.--Dairy Cattle and Calves Sold for Meat, 1950, with 1949 and 1948 Comparisons

Island	Number sold for meat	Dressed weight	Value at slaughterhouse		
			Dressed carcasses	Offal, hides and tallow	Total
		1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Hawaii	190	76	27	4	31
Maui	300	112	40	5	45
Molokai	-	-	-	-	-
Oahu	2,820	657	261	34	295
Kauai	80	31	11	1	12
Territory 1950	3,390	876	339	44	383
1949	4,430	1,365	577	50	627
1948	6,010	1,567	587	74	661

Table 13.--Number of Commercial Dairies in Territory, by Islands and Size of Herds, August 1950, with 1949 and 1948 Comparisons

Number of mature dairy cows per farm	Hawaii	Maui	Molokai	Oahu	Kauai	Territory		
	August 1950					1950	August 1949	1948
300 or more	0	1	0	5	0	6	4	5
150 to 299	1	1	0	9	1	12	14	15
50 to 149	4	4	0	18	2	28	28	27
10 to 49	17	1	1	9	1	29	28	28
Territory								
1950	22	7	1	41	4	75		
1949	24	7	1	38	4		74	
1948	24	7	1	39	4			75

Table 14.--Number of Mature Dairy Cows, by Islands and Months, and Average for 1950

Island	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average 1950
Hawaii	920	920	930	910	920	870	810	780	760	790	790	790	850
Maui	1,050	1,050	1,050	1,040	1,050	1,050	1,050	1,020	1,040	1,060	1,020	1,010	1,040
Molokai 1/	20	30	20	20	20	20	20	20	20	20	20	20	20
Oahu	7,000	7,100	7,060	7,000	7,010	7,200	7,200	7,520	7,660	7,500	7,620	7,770	7,300
Kauai	460	460	470	470	500	510	520	520	520	500	500	470	490
Total	9,450	9,560	9,530	9,440	9,500	9,650	9,600	9,860	10,000	9,870	9,950	10,060	9,700

1/ DATA ROUNDED TO AVOID DISCLOSURE.

Table 15.--Average Daily Milk Production in 1950, by Islands and Months, and Yearly Average for 1950, 1949, and 1948

Island	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average		
													1950	1949	1948
	Quarts												Quarts		
Hawaii	7,400	7,300	7,300	7,100	7,500	6,900	6,400	6,000	5,400	5,700	6,000	6,300	6,600	7,000	7,000
Maui	7,600	7,600	7,900	7,700	7,800	7,600	7,400	7,100	7,400	7,400	7,000	7,200	7,500	7,600	8,300
Molokai ^{1/}	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Oahu	72,700	76,000	80,000	82,000	83,500	84,400	80,400	79,100	78,700	80,100	77,700	76,600	79,300	68,600	66,600
Kauai	3,700	3,800	3,800	3,700	4,100	4,200	4,400	4,400	4,500	4,300	4,200	3,400	4,000	3,600	3,500
Territory															
1950	91,600	94,900	99,200	100,700	103,100	103,300	98,800	96,800	96,200	97,700	95,100	93,700	97,600		
1949	86,100	86,300	90,300	93,200	90,600	88,700	87,100	84,300	83,500	83,900	83,400	85,900		87,000	
1948	85,400	85,600	85,700	87,300	87,900	83,400	87,400	87,400	82,900	84,100	84,300	85,600			85,600

^{1/} DATA ROUNDED TO AVOID DISCLOSURE.

Table 16.--Average Daily Milk Production per Cow in 1950, by Islands and Months, and Average for 1950, 1949, and 1948

Island	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average		
													1950	1949	1948
	Quarts												Quarts		
Hawaii	8.0	7.9	7.8	7.8	8.2	7.9	7.9	7.7	7.1	7.2	7.6	8.0	7.8	8.1	8.5
Maui	7.2	7.2	7.5	7.4	7.4	7.2	7.0	7.0	7.1	7.0	6.9	7.1	7.2	7.4	7.3
Oahu	10.4	10.7	11.3	11.7	11.9	11.7	11.2	10.5	10.3	10.7	10.2	9.9	10.9	10.2	9.7
Kauai	8.0	8.3	8.1	7.9	8.2	8.2	8.5	8.5	8.7	8.6	8.4	7.2	8.2	7.8	7.5
Territory															
1950 ^{1/}	9.7	9.9	10.4	10.7	10.9	10.7	10.3	9.8	9.6	9.9	9.6	9.3	10.1		
1949	9.4	9.5	9.8	9.7	9.7	9.7	9.8	9.7	9.6	9.6	9.4	9.3		9.6	
1948	9.0	8.7	9.0	9.2	9.4	9.3	9.8	9.2	9.0	9.2	9.3	9.3			9.2

^{1/} ONE SMALL DAIRY ON MOLOKAI NOT INCLUDED.

Table 17.--Cows Milking as Percentage of All Mature Dairy Cows in 1950, by Islands and Months, and Average for 1950, 1949, and 1948

Island	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average		
													1950	1949	1948
	Percent												Percent		
Hawaii.....	71	71	68	69	76	72	72	71	71	70	67	73	71	71	72
Maui.....	70	70	65	69	66	68	66	69	68	67	66	67	68	69	69
Oahu.....	73	76	76	79	78	76	79	74	75	75	74	74	76	74	75
Kauai.....	69	64	69	68	68	70	69	65	65	72	73	78	69	69	73
Territory															
1950 1/.....	72	74	74	76	76	74	76	73	73	74	73	73	74		
1949.....	71	72	71	71	75	74	73	77	76	74	72	72		73	
1948.....	72	74	71	73	73	76	75	72	72	75	75	76			74

1/ ONE SMALL DAIRY ON MOLOKAI NOT INCLUDED.

STATISTICS OF COMMERCIAL SWINE FARMS

(Farms with 10 or more swine of any age are classified as commercial)

Table 18.--Swine Slaughtered or Marketed for Slaughter in 1950, by Islands, with 1949 and 1948 Comparisons

Island	Number 1/	Average live weight per animal	Total live weight	Value delivered slaughterhouse
		Pounds	1,000 pounds	1,000 dollars
Hawaii	6,600	147	970	330
Maui	4,900	148	725	247
Molokai and Lanai	2,000	160	320	109
Oahu	37,100	171	6,344	2,157
Kauai	2,800	168	470	160
Territory 1950	53,400	163	8,829	3,003
1949	44,300	167	7,413	3,113
1948	43,100	187	8,041	3,376

1/ FEEDERS IMPORTED FROM THE MAINLAND AND FATTENED ON TERRITORIAL FARMS ARE NOT INCLUDED.

Table 19.--Number of Commercial Swine Farms by Islands and Size of Herd,
August 1950, with 1949 and 1948 Comparisons

Number of swine, all ages, per farm	Number of farms						Territory		
	Hawaii	Maui	Molokai and Lanai	Oahu	Kauai		1950	1949	1948
500 or over	-	-	-	14	1		15	3	11
300 to 499	-	2	-	23	-		25	9	20
100 to 299	16	9	4	122	8		159	119	147
10 to 99	60	65	26	133	35		319	350	312
Territory 1950	76	76	30	292	44		518		
1949	69	69	30	269	44			481	
1948	83	65	22	273	47				490

Table 20.--Swine Statistics Based on August 1950 Survey, by Islands,
with 1949 and 1948 Comparisons

Island	Swine on farms on August 31, 1950						Farrowing data for August 1950	
	Number of swine of all ages	Number of suckling pigs	Number of hogs above weaning age				Number of sows farrowed	Average number of live pigs born per farrowing
			Sows and gilts 1/	Boars 1/	Market hogs	Total		
Hawaii	4,870	1,170	690	100	2,910	3,700	120	7.3
Maui	4,790	1,030	660	70	3,030	3,760	120	7.4
Molokai and Lanai	1,540	330	230	20	960	1,210	50	6.5
Oahu	48,780	13,500	6,350	680	28,250	35,280	1,080	7.3
Kauai	3,420	790	440	70	2,120	2,630	80	7.1
Territory 1950	63,400	16,820	8,370	940	37,270	46,580	1,450	7.2
1949	53,180	14,730	7,530	890	30,030	38,450	1,340	6.9
1948	54,250	14,100	7,730	920	31,500	40,150	1,220	7.0

1/ KEPT FOR BREEDING PURPOSES.

Table 21.--Number of Swine and Farrowings Classified by Size of Herd in August 1950

Number of swine, all ages, per farm	Swine on farms on August 31, 1950						Farrowing data for August 1950	
	Number of swine of all ages	Number of suckling pigs	Number of hogs above weaning age				Number of sows farrowed	Average number of live pigs born per farrowing
			Sows and gilts ^{1/}	Boars ^{1/}	Market hogs	Total		
500 or over.....	11,160	2,080	1,070	90	7,920	9,080	150	7.1
300 to 499.....	10,510	3,910	1,140	120	5,340	6,600	260	7.6
100 to 299.....	27,340	6,860	3,810	390	16,280	20,480	620	7.3
10 to 99.....	14,390	3,970	2,350	340	7,730	10,420	420	7.0
Territory.....	63,400	16,820	8,370	940	37,270	46,580	1,450	7.2

^{1/} KEPT FOR BREEDING PURPOSES.

Table 22.--SHEEP STATISTICS, 1950, 1949, AND 1948

Year	Number of Ranches	Acreage Used for Pasture	Number of Head on Ranches End of Year	Number of Head Marketed during Year	Offal and Hides	Mutton		Wool		Total Value of Sheep Products
					Value ^{1/}	Dressed weight	Value ^{1/}	Produc- tion	Value ^{2/}	
		<u>Acres</u>			<u>1,000 dollars</u>	<u>1,000 pounds</u>	<u>1,000 dollars</u>	<u>1,000 pounds</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
1950	3	76,000 ^{3/}	13,000	1,950	2	98	30	65	42	74
1949 ^{4/}	3	76,000 ^{3/}	13,500	2,980	3	149	45	72	36	84
1948 ^{4/}	3	76,000 ^{3/}	13,100	2,750	3	135	31	75	32	66

^{1/} AT SLAUGHTERHOUSE.^{2/} F.A.S. ISLAND PORT.^{3/} 46,000 ACRES OF PASTURE LAND USED BOTH FOR SHEEP AND BEEF CATTLE.^{4/} SOME FIGURES REVISED.

STATISTICS OF COMMERCIAL POULTRY FARMS

(Farms with 100 or more layers or 100 or more meatbirds of all ages are classified as commercial)

Table 23.--Production and Wholesale Value of Poultry Products,
by Islands, 1950, with 1949 and 1948 Comparisons 1/

Island	E g g s		M e a t b i r d s M a r k e t e d		
	Production	Wholesale value	Number	Live weight	Wholesale value
	1,000 dozens	1,000 dollars		1,000 pounds	1,000 dollars
Hawaii	730	467	97,900	347	174
Maui	512	328	41,400	165	74
Molokai and Lanai	20	13	2,700	10	5
Oahu	2,297	1,539	403,500	1,472	692
Kauai	148	95	37,900	146	70
Territory 1950	3,707	2,442	583,400	2,132	1,015
1949 2/	3,173	2,987	471,700	1,765	1,097
1948 2/	3,290	2,953	359,000	1,357	884

1/ INCLUDES EGGS AND MEATBIRDS CONSUMED AT HOME.

2/ SOME FIGURES REVISED.

Table 24.--Number of Commercial Poultry Farms in Territory, by Islands and Size of Flock,
August 1950, with 1949 and 1948 Comparisons

Size of flock	Hawaii	Maui	Molokai and Lanai	Oahu	Kauai	T e r r i t o r y		
						1950	1949	1948
<u>Number of layers</u> <u>on farm:</u>								
3,000 and over	-	3	-	10	-	13	12	11
1,500 to 2,999	6	3	-	25	1	35	21	22
500 to 1,499	27	7	1	68	5	108	107	101
100 to 499	129	27	4	82	15	257	277	342
<u>Number of meatbirds</u> <u>on farm:</u>								
100 and over	4	-	-	11	1	16	25	5
Total 1950	166	40	5	196	22	429		
1949	169	37	5	208	23		442	
1948	193	43	5	221	18			481

Table 25.--Number of Chickens of All Ages in 1950, by Islands and Months,
with 1949 and 1948 Comparisons.1/

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
Hawaii	107,800	113,200	112,400	97,500	90,700	74,700
Maui	65,400	68,800	65,000	62,300	52,900	48,900
Molokai and Lanai	3,100	2,800	2,800	2,800	1,900	2,300
Oahu	352,300	367,600	364,500	419,700	374,200	423,300
Kauai	25,600	28,300	27,300	28,300	23,900	22,500
Territory 1950	554,200	580,700	572,000	610,600	543,600	571,700
1949	525,500	587,700	531,400	579,700	558,700	507,700
1948	486,500	497,900	507,800	461,400	394,300	390,200

1/ INCLUDES COCKERELS AND ROOSTERS.

Table 26.--Number of Layers in 1950, by Islands and Months, with 1949 and 1948 Comparisons

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
Hawaii	49,000	50,500	54,300	57,300	58,000	56,600
Maui	33,600	32,500	30,600	37,300	37,400	32,100
Molokai and Lanai	1,600	1,500	1,600	2,200	1,600	1,700
Oahu	165,000	170,000	173,800	190,900	179,300	194,000
Kauai	10,000	9,900	10,000	10,300	11,000	12,800
Territory 1950	259,200	264,400	270,300	298,000	287,300	297,200
1949	242,400	237,700	232,100	253,200	273,800	253,000
1948	262,200	245,700	241,800	243,700	229,100	211,500

Table 27.--Number of Pullets 6 Weeks to Laying Age in 1950, by Islands and Months,
with 1949 and 1948 Comparisons

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
Hawaii	11,500	25,000	37,000	19,400	12,000	3,000
Maui	6,700	12,000	20,000	15,000	7,200	8,200
Molokai and Lanai	300	400	500	200	200	300
Oahu	70,000	85,000	87,000	76,300	60,000	101,000
Kauai	6,000	7,000	10,000	7,100	6,000	2,000
Territory 1950	94,500	129,400	154,500	118,000	85,400	114,500
1949	93,400	131,400	166,500	133,700	100,700	111,900
1948	70,300	112,600	134,100	103,600	75,700	86,700

Table 28.--Number of Baby Chicks up to 6 Weeks Old in 1950, by Islands and Months,
with 1949 and 1948 Comparisons

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
Hawaii	40,000	30,000	13,500	14,200	14,500	10,000
Maui	21,000	20,000	10,300	6,100	5,000	5,500
Molokai and Lanai	1,000	700	500	200	-	200
Oahu	75,000	68,500	60,000	102,000	90,000	77,500
Kauai	6,500	8,000	4,000	7,500	4,000	5,000
Territory 1950	143,500	127,200	88,300	130,000	113,500	98,200
1949	133,000	155,200	75,500	130,000	124,000	88,000
1948	106,900	91,400	82,600	69,400	51,300	54,100

Table 29.--Egg Production in 1950, by Islands and Months, with 1949 and 1948 Comparisons^{1/}

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
	<u>Dozens</u>					
Hawaii.....	58,200	57,700	57,600	62,900	67,200	61,200
Maui.....	44,900	46,100	38,600	45,400	43,500	37,500
Molokai and Lanai.....	1,800	1,700	1,600	1,600	1,500	1,600
Oahu.....	194,200	201,400	196,600	204,600	162,900	189,000
Kauai.....	11,700	11,500	11,200	11,600	11,900	15,900
Territory 1950.....	310,800	318,400	305,600	326,100	287,000	305,200
1949.....	285,500	292,900	258,200	255,700	241,500	255,400
1948.....	331,200	330,000	290,800	252,200	219,100	212,800

^{1/} INCLUDES EGGS USED IN THE HOME.

Table 30.--Eggs Laid per Layer per Month and Total for 1950 by Islands, with 1949 and 1948 Comparisons

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.	Total for year	Average per month
	<u>Number of eggs</u>						<u>Number of eggs</u>	<u>Number of eggs</u>
Hawaii.....	14.3	13.7	12.7	13.2	13.9	13.0	162.0	13.5
Maui.....	16.0	17.0	15.1	14.6	14.0	14.0	181.2	15.1
Molokai and Lanai.....	13.5	13.6	12.0	8.7	11.2	11.3	140.4	11.7
Oahu.....	14.1	14.2	13.6	12.9	10.9	11.7	154.8	12.9
Kauai.....	14.0	13.9	13.4	13.5	13.0	14.9	165.6	13.8
Territory 1950.....	14.4	14.4	13.6	13.1	12.0	12.3	159.6	13.3
1949.....	14.1	14.8	13.3	12.1	10.6	12.1	154.2	12.9
1948.....	15.2	16.1	14.4	12.4	11.5	12.1	162.7	13.6

Table 31.--Miscellaneous Poultry Statistics in 1950 by Islands, with 1949 and 1948 Comparisons

Island	Average number of layers and egg production in 1950				August 1950 survey statistics					
	Average number of layers in 1950		Average monthly egg production in 1950		Layers of all ages on farms ^{1/}	Pullets, laying age to 18 months ^{1/}		Male birds on farms ^{1/ 2/}	Eggs eaten on farms or given away ^{3/}	
	Number	Percent ^{4/}	Dozens	Percent ^{4/}		Number	Percent ^{5/}	Number	Total	Average per farm
Hawaii	54,300	19.4	60,800	19.7	57,300	33,800	59.0	6,600	2,680	16.1
Maui	33,900	12.2	42,700	13.8	37,300	29,600	79.4	3,900	830	20.8
Molokai and Lanai	1,700	0.6	1,600	0.5	2,200	1,100	50.0	200	110	22.0
Oahu	178,800	64.0	191,400	62.0	190,900	93,800	49.1	50,500	4,550	23.2
Kauai	10,700	3.8	12,300	4.0	10,300	5,000	48.5	3,400	380	17.3
Territory 1950	279,400	100.0	308,800	100.0	298,000	163,300	54.8	64,600	8,550	19.9
1949	247,700	100.0	264,400	100.0	253,200	157,400	62.2	62,800	8,700	19.8
1948	241,600	100.0	274,200	100.0	243,700	110,300	45.3	44,800	9,010	18.7

^{1/} AUGUST 31, 1950.^{2/} INCLUDE ROOSTERS AND COCKERELS 6 WEEKS OLD OR OVER.^{3/} MONTH OF AUGUST 1950.^{4/} PERCENTAGE OF TERRITORIAL TOTAL.^{5/} PULLETS LAYING AGE TO 18 MONTHS AS PERCENTAGE OF BIRDS OF ALL AGES IN LAYING FLOCK.

Table 32.--Number of Chickens and Production of Poultry Products by Size of Flock, August 1950

Size of flock	Chickens of all ages and sexes ^{1/}	Layers ^{1/}	Pullets six weeks to laying age ^{1/}	Baby chicks up to 6 weeks old ^{1/}	Male birds ^{1/ 2/}	Eggs produced ^{3/}	Poultry meat produced ^{3/}
	Number	Number	Number	Number	Number	Dozens	Pounds, liveweight
<u>Number of layers on farm:</u>							
3,000 and over	137,400	82,900	22,600	22,400	9,500	99,000	29,200
1,500 to 2,999	136,000	70,000	31,000	23,400	11,600	68,400	38,700
500 to 1,499	180,800	88,800	34,700	37,600	19,700	96,200	57,800
100 to 499	121,900	55,800	25,600	29,600	10,900	62,000	47,400
<u>Number of meatbirds on farm:</u>							
100 and over	34,500	500	4,100	17,000	12,900	500	26,200
Territory	610,600	298,000	118,000	130,000	64,600	326,100	199,300

^{1/} AUGUST 31, 1950.^{2/} INCLUDE COCKERELS 6 WEEKS OLD OR OVER, AND ROOSTERS.^{3/} MONTH OF AUGUST, 1950.

Table 33.--STATISTICS OF HONEY AND BEESWAX, 1950, WITH 1949 AND 1948 COMPARISONS

Island	Honey Producers	Apiaries	Colonies	H o n e y			Beeswax		Honey and Beeswax
				Yield per colony	Total yield 1/	Value	Total yield	Value	Value
	Number	Number	Number	Pounds	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars
Hawaii	3	5	630	119	75	5.6	2.4	1.0	6.6
Maui	8	13	1,940	119	231	17.3	4.7	1.9	19.2
Molokai and Lanai ..	2	2/	2/	32	22	1.7	0.8	0.3	2.0
Oahu	7	14	1,690	65	110	8.3	2.1	0.9	9.2
Kauai and Niihau	2	2/	2/	89	357	26.8	7.1	2.9	29.7
Territory 1950	22	352/	8,9002/	89	795	59.7	17.1	7.0	67
1949	23	302/	8,5002/	87	738	55.4	11.7	4.4	60
1948	29	50	9,000	72	652	52.1	11.9	5.1	56

1/ EXTRACTED, IN 5-GALLON CANS.

2/ DATA DELETED OR ROUNDED TO AVOID DISCLOSURE.

STATISTICS OF FRUITS, VEGETABLES, AND MISCELLANEOUS CROPS

Table 34.--Average Annual Yield Per Acre of Specified Crops, 1950, 1949, and 1948

Commodity	Territory			Hawaii			Maui			Molokai			Oahu			Kauai		
	1950	1949	1948	1950	1949	1948	1950	1949	1948	1950	1949	1948	1950	1949	1948	1950	1949	1948
Fruits	1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds		
Avocados	6.2	4.6	4.8	6.3	5.8	6.4	4.7	5.0	4.7	-	-	-	8.3 ^{1/}	1.3	1.2	5.8	6.7	6.7
Bananas ^{2/}	5.7	6.0	9.5	5.8	11.3	11.1	6.3	6.5	6.6	6.2	7.5	10.0	5.6	5.7	9.6	9.3	10.8	6.9
Oranges	-	-	-	8.3	16.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Papayas	10.6	11.2	13.0	11.9	13.6	14.9	6.2	8.4	6.5	8.3	12.5	7.5	10.6	11.1	13.2	12.5	10.0	10.0
Tangerines	-	-	-	8.2	12.3	10.5	-	-	-	-	-	-	-	-	-	-	-	-
Vegetables																		
Beans, snap	6.2	6.8	7.0	7.1	9.5	7.8	5.8	6.0	6.5	7.0	6.7	6.7	5.9	6.1	6.5	7.9	9.0	8.3
Beets	10.8	12.7	12.3	10.0	13.3	13.3	15.0	15.0	15.0	-	-	-	10.0	11.7	10.8	-	-	-
Broccoli	4.2	4.3	4.7	4.2	4.6	4.6	4.7	5.3	7.5	-	-	-	3.8	3.6	3.8	-	-	-
Burdock	-	-	-	15.5	-	-	8.0	-	-	-	-	-	-	-	-	-	-	-
Cabbage, head	12.7	13.3	13.6	13.0	16.2	14.4	12.7	12.5	13.6	7.5	-	-	12.0	13.2	13.8	12.8	10.0	8.9
Cabbage, oriental	8.2	9.0	9.8	10.2	12.0	10.4	7.4	9.3	11.3	-	-	-	7.6	8.1	9.0	9.4	8.3	8.3
Carrots	8.1	9.6	10.3	7.3	8.8	8.7	8.5	9.9	11.3	6.2	-	-	9.6	12.0	13.3	7.0	8.3	8.8
Cauliflower	5.2	6.4	6.6	4.0	5.0	5.0	5.3	6.7	7.0	-	-	-	-	5.7	7.1	-	-	-
Celery	29.4	35.4	31.2	30.4	42.2	35.0	25.0	20.0	20.0	-	-	-	25.0	20.0	25.0	-	-	-
Corn, green	4.2	4.2	4.5	4.0	4.4	4.8	4.1	3.4	4.3	5.7	-	-	4.0	4.2	4.3	5.0	6.5	5.8
Cucumbers	8.9	8.1	8.0	12.7	12.7	9.9	7.2	5.2	6.9	8.3	-	-	6.3	6.0	5.7	8.8	9.0	8.8
Daikon	14.2	14.1	12.9	13.8	14.2	12.0	15.8	13.5	15.9	-	-	-	15.9	14.2	15.2	10.0	10.0	12.5
Dasheens	11.4	10.3	10.7	13.3	13.3	11.7	10.0	10.0	13.3	-	-	-	8.6	5.8	7.5	9.0	11.7	11.7
Eggplant	13.4	14.8	13.4	11.7	12.0	11.4	12.5	12.5	13.3	11.7	13.3	12.5	14.7	16.7	14.3	12.5	10.0	12.0
Ginger root	35.9	-	-	38.5	-	-	25.0	-	-	-	-	-	-	-	-	25.0	-	-
Lettuce	9.0	10.0	9.2	8.7	9.7	9.3	6.1	6.9	6.5	-	-	-	12.5	13.3	10.9	6.2	6.3	6.3
Lotus root	-	-	-	-	-	-	10.1	-	-	-	-	-	7.5	6.4	6.3	-	-	-

continued

Table 34.--Continued

Commodity	Territory			Hawaii			Maui			Molokai			Oahu			Kauai		
	1950	1949	1948	1950	1949	1948	1950	1949	1948	1950	1949	1948	1950	1949	1948	1950	1949	1948
Vegetables--Contd.	1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds		
Onions, dry	-	-	-	-	-	-	7.3	10.8	7.1	-	-	-	-	-	-	-	-	-
Onions, green	15.9	14.1	14.7	15.0	15.0	15.0	15.0	20.0	16.7	-	-	-	16.4	13.7	14.6	10.0	12.5	12.0
Peppers, sweet	6.4	6.9	6.6	7.3	8.7	7.1	6.1	4.5	6.7	-	-	-	5.6	7.2	5.6	7.9	7.5	7.1
Potatoes	4.9	5.5	5.8	3.7	5.0	6.8	5.1	5.4	5.5	-	7.5	5.7	5.7	7.5	-	-	-	-
Pumpkins	9.3	9.8	8.7	8.3	10.0	10.0	10.0	10.0	8.6	-	-	-	8.0	8.6	7.5	-	-	-
Squash, summer and Italian	-	-	-	10.3	12.0	11.4	-	-	-	-	-	-	-	-	-	-	-	-
Sweetpotatoes	7.0	6.8	7.9	9.0	9.8	11.3	6.9	6.4	9.0	6.7	6.3	6.3	6.3	5.6	5.4	9.5	10.0	8.8
Taro (for mfr.)	13.4	14.7	14.0	15.8	13.2	11.1	15.4	14.9	19.2	10.0	10.3	10.0	12.4	14.3	13.9	13.3	18.3	15.9
Tomatoes	8.2	10.0	9.8	12.3	13.6	11.8	7.0	9.5	9.0	8.3	8.3	8.3	8.0	8.9	9.3	8.8	12.3	11.8
Watercress	50.7	49.3	51.1	30.0	40.0	35.0	40.0	40.0	40.0	-	-	-	56.7	54.2	57.3	20.0	-	-
Watermelons	5.5	6.0	6.1	5.8	6.9	6.6	6.7	6.7	7.3	3.4	2.5	3.3	5.1	5.5	5.6	10.8	10.7	10.7
Yam bean root	20.0	-	-	20.0	-	-	-	-	-	-	-	-	17.5	-	-	22.0	-	-
Misc. crops																		
Coffee, green	-	-	-	1.2	1.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-
Corn, field ^{3/}	1.2	0.9	1.1	0.8	0.9	1.0	1.3	1.3	1.5	2.7	0.9	0.7	-	-	-	3.0	0.8	0.9
Macadamia nuts ^{4/}	0.9	0.8	0.9	0.8	0.8	0.9	1.8	1.4	1.3	-	-	-	0.8	0.4	0.3	1.8	1.5	1.3
Rice, milled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	3.5	3.4

1/ INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

2/ COOKING BANANAS NOT INCLUDED.

3/ SHELLED.

4/ UNSHELLED, BASED ON BEARING ACREAGE.

Table 35.--Average Wholesale Prices of Fruits, Vegetables,
and Miscellaneous Crops for 1950^{1/}

Commodity	Hawaii	Maui	Molokai	Oahu	Kauai
Cents per pound					
<u>Fruits</u>					
Avocados	9.0	10.0	-	12.1	9.0
Bananas	6.1	6.4	6.4	7.9	6.4
Bananas, cooking	9.5	-	-	-	-
Mangos, cultivated	-	22.0	-	-	-
Oranges	7.5	-	-	-	-
Papayas	4.8	4.8	4.8	5.0	4.8
Tangerines	19.8	-	-	-	-
<u>Vegetables</u>					
Beans, snap	12.5	12.5	12.5	14.8	12.5
Beets	4.5	4.5	-	5.0	-
Broccoli	14.8	14.8	-	17.0	-
Burdock	22.5	22.5	-	-	-
Cabbage, head	3.5	3.5	3.5	4.6	3.5
Cabbage, oriental	9.4	9.4	-	11.3	9.9
Carrots	4.6	4.6	4.6	6.8	5.0
Cauliflower	18.5	18.5	-	-	-
Celery	9.0	9.0	-	10.9	-
Corn, green	5.4	5.4	5.4	6.7	5.4
Cucumbers	11.3	11.3	11.3	13.4	11.3
Daikon	4.2	4.2	-	5.0	4.2
Dasheens	15.2	15.2	-	19.4	15.0
Eggplant	10.1	10.1	10.1	10.7	10.1
Ginger root	26.0	26.0	-	-	26.0
Lettuce	12.2	12.2	-	13.2	12.2
Lotus root	-	22.0	-	24.9	-
Onions, dry	-	4.3	-	-	-
Onions, green	12.7	12.7	-	13.7	12.7
Peppers, sweet	19.7	19.7	-	21.7	19.7

Continued

Table 35.--Continued

Commodity	Hawaii	Maui	Molokai	Oahu	Kauai
Cents per pound					
Vegetables--Contd.					
Potatoes	6.5	6.5	-	7.0	-
Pumpkins	7.5	7.5	-	9.0	-
Squash, summer and Italian	13.5	-	-	-	-
Squash, miscellaneous 2/	9.5	-	-	9.7	-
Sweetpotatoes	4.0	4.0	4.0	5.5	4.0
Taro (for mfr.) 3/	5.9	4.5	4.5	4.2	3.5
Tomatoes	14.3	14.3	14.3	15.7	14.3
Watercress	9.0	9.0	-	10.0	9.0
Watermelons	6.5	6.5	6.5	9.4	6.5
Yam bean root	8.3	-	-	9.8	8.1
Miscellaneous crops					
Coffee, green 4/	41.7	-	-	-	-
Corn, field (shelled)	5.0	5.0	5.0	-	5.0
Macadamia nuts, unshelled	17.0	17.0	-	17.0	17.0
Rice, milled 5/	-	-	-	-	15.2

1/ WEIGHTED FOR GRADE AND SEASONAL VOLUME.

2/ MOSTLY HUBBARD SQUASH ON HAWAII AND CHINESE SQUASH ON OAHU.

3/ F.O.B. ROADSIDE PRICE TO MILLERS.

4/ F.O.B. KONA MILL PRICE FOR PRIME COFFEE.

5/ INCLUDING "MOCHI" (GLUTEN) RICE.

Table 36.--Acreage, Production, and Wholesale Value of Hawaiian Diversified Crops, 1950, 1949, and 1948^{1/}

Commodity	Acreage			Production			Value		
	1950	1949	1948	1950	1949	1948	1950	1949 ^{2/}	1948 ^{2/}
	<u>Acres</u>			<u>1,000 pounds</u>			<u>1,000 dollars</u>		
Fruits^{3/}									
Avocados	170	217	220	1,050 ^{4/}	980	1,055	97	92	102
Bananas ^{5/}	1,011	1,012	1,015	5,870	6,115	9,510	455	496	605
Mangos, cultivated	241	240	237	150	300	120	33	61	28
Oranges	24	25	25	200	400	500 ^{4/}	15	36	43
Papayas	751	527	547	7,950	5,885	7,100	321	383	339
Tangerines	22	22	21	180	270	220 ^{4/}	36	27	39
Total fruits	2,219	2,043	2,065	15,400	13,950	18,505	957	1,095	1,156
Vegetables									
Beans, snap	326	288	334	2,015	1,955	2,325	278	261	360
Beets ^{6/}	12	11	11	130	140	135	6	7	6
Broccoli	77	74	47	320	315	220	49	51	35
Burdock	47	51	50	690	570	640	148	130	192
Cabbage, head	614	555	687	7,790	7,385	9,335	271	344	430
Cabbage, oriental	412	316	316	3,350	2,850	3,110	347	300	339
Carrots ^{6/}	210	213	194	1,700	2,035	1,995	81	149	206
Cauliflower	52	56	47	270	360	310	50	63	48
Celery	17	13	17	500	460	530	45	95	70
Corn, green	309	296	296	1,285	1,240	1,165	77	79	85
Cucumbers	371	391	422	3,285	3,170	3,360	391	326	390
Daikon ^{6/}	285	272	294	4,040	3,835	3,795	172	175	178
Dasheens	33	37	37	375	380	395	58	63	62
Eggplant	50	50	58	680	740	780	70	73	79
Ginger root	16	18	27	575	690	765	149	124	137
Lettuce	323	344	314	2,915	3,425	2,875	361	406	363

continued

Table 36.--Continued

Commodity	Acreage			Production			Value		
	1950	1949	1948	1950	1949	1948	1950	1949 ^{2/}	1948 ^{2/}
Vegetables--Contd.	<u>Acres</u>			<u>1,000 pounds</u>			<u>1,000 dollars</u>		
Lotus root	51	48	44	385	315	280	95	78	74
Onions, dry	120	30	66	875	325	470	38	39	38
Onions, green	41	44	52	650	620	765	88	68	107
Peppers, sweet	82	97	59	525	670	390	108	161	113
Potatoes	131	64	89	645	355	520	43	26	34
Pumpkins	29	41	31	270	400	270	21	31	21
Squash, summer and Italian	39	25	22	400	300	250	54	36	38
Squash, miscellaneous	22	28	35	250	360	360	24	25	28
Sweetpotatoes	209	211	152	1,455	1,445	1,200	70	127	95
Taro (for mfr.)	874	944	1,015	11,740	13,900	14,195	524	437	697
Tomatoes	603	601	541	4,960	6,005	5,300	733	732	758
Watercress	30	30	28	1,520	1,480	1,430	150	184	178
Watermelons	867	839	849	4,780	5,005	5,185	403	454	625
Yam bean root	11	21	26	220	265	230	19	35	29
Total vegetables	6,263	6,008	6,160	58,595	60,995	62,580	4,923	5,079	5,815
Total fruits and vegetables	8,482	8,051	8,225	73,995	74,945	81,085	5,880	6,174	6,971
Miscellaneous crops									
Coffee, green ^{7/}	3,500	3,500	3,500	4,300	5,900	6,990	1,793	1,569	1,825
Corn, shelled	788	860	700	965	795	735	48	54	28
Macadamia nuts, unshelled:									
Bearing	808	808	808	755	680	700	128	115	119
Non-bearing	959	594	424	-	-	-	-	-	-
Rice, milled	194	210	163	1,030	725	555	156	143	157
Total miscellaneous crops	6,249	5,972	5,595	7,050	8,100	8,980	2,125	1,881	2,129
Total diversified crops	14,731	14,023	13,820	81,045	83,045	90,065	8,005	8,055	9,100

1/ ACREAGE FOR SHORT-TERM CROPS CONSISTS OF PLANTINGS THAT WOULD NORMALLY BE HARVESTED DURING GIVEN YEAR. ACREAGE OF TREE AND LONG-TERM CROPS (EXCEPT MACADAMIA NUTS) IS AVERAGE ACREAGE DURING THE YEAR. MACADAMIA NUT ACREAGE IS ACREAGE AT THE END OF YEAR. PRODUCTION IS CALCULATED FROM RECORDED MARKETINGS, WITH ADJUSTMENTS FOR DIRECT SALES TO RETAILERS OR CONSUMERS BY FARMERS. LOSSES RESULTING FROM LACK OF MARKET ARE INCLUDED IN THE PRODUCTION ESTIMATES. VALUE IS CALCULATED AT AVERAGE WHOLESALE PRICES OF MARKETINGS ON THE ISLAND OF ORIGIN. NO VALUE IS INCLUDED FOR TONNAGE LOST FROM LACK OF MARKET.

2/ SOME ESTIMATES REVISED.

3/ PINEAPPLES ARE NOT INCLUDED.

4/ INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

5/ INCLUDING COOKING BANANAS.

6/ WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

7/ CROP YEAR ENDING JUNE 30 OF GIVEN YEAR.

TABLE 37.--ACREAGE, PRODUCTION, AND WHOLESALE VALUE OF HAWAIIAN DIVERSIFIED CROPS, BY ISLAND OF ORIGIN,
1950, WITH 1949 AND 1948 COMPARISONS^{1/}

COMMODITY	HAWAII			MAUI			MOLOKAI			OAHU			KAUAI		
	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE
		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS
FRUITS															
AVOCADOS	139	875	79	19	90	9	-	-	-	6	50 2/	6	6	35	3
BANANAS	38	220	13	63	400	26	4	25	2	872	4,875	385	14	130	8
BANANAS, COOKING	20	220	21	-	-	-	-	-	-	-	-	-	-	-	-
MANGOS, CULTIVATED	5	-	-	126	150	33	80	-	-	27	-	-	3	-	-
ORANGES	24	200	15	-	-	-	-	-	-	-	-	-	-	-	-
PAPAYAS	44	525	25	16	100	5	3	25	1	680	7,200	285	8	100	5
TANGERINES	22	180	36	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL FRUITS 1950	292	2,220	189	224	740	73	87	50	3	1,585	12,125	676	31	265	16
1949	282	2,580	210	221	845	88	84	40	3	1,427	10,215	771	29	270	23
1948	284	2,735	226	220	655	47	86	35	2	1,446	14,880	870	29	200	11
VEGETABLES															
BEANS, SNAP	53	375	47	58	335	42	5	35	4	191	1,120	166	19	150	19
BEETS ^{3/}	4	40	2	2	30	1	-	-	-	6	60	3	-	-	-
BROCCOLI	31	130	19	16	75	11	-	-	-	30	115	19	-	-	-
BURDOCK	42	650	139	5	40	9	-	-	-	-	-	-	-	-	-
CABBAGE, HEAD	165	2,150	75	381	4,830	162	4	30	1	46	550	25	18	230	8
CABBAGE, ORIENTAL	88	900	85	102	750	71	-	-	-	214	1,625	184	8	75	7
CARROTS ^{3/}	72	525	24	117	1,000	46	4	25	1	12	115	8	5	35	2
CAULIFLOWER	5	20	4	47	250	46	-	-	-	-	-	-	-	-	-
CELERY	14	425	38	1	25	2	-	-	-	2	50	5	-	-	-
CORN, GREEN	25	100	5	74	300	16	7	40	2	169	675	45	34	170	9
CUCUMBERS	124	1,575	178	64	460	52	3	25	3	146	925	124	34	300	34
DAIKON ^{3/}	218	3,000	122	12	190	8	-	-	-	51	810	40	4	40	2
DASHEENS	18	240	36	3	30	4	-	-	-	7	60	11	5	45	7
EGGPLANT	6	70	7	4	50	5	6	70	7	30	440	47	4	50	4
GINGER ROOT	13	500	130	2	50	13	-	-	-	-	-	-	1	25	6
LETTUCE	219	1,900	230	41	250	30	-	-	-	59	740	98	4	25	3
LOTUS ROOT	-	-	-	1	10	2	-	-	-	50	375	93	-	-	-
ONIONS, DRY	-	-	-	120	875	38	-	-	-	-	-	-	-	-	-
ONIONS, GREEN	4	60	8	2	30	4	-	-	-	33	540	74	2	20	2
PEPPERS, SWEET	15	110	22	18	110	22	-	-	-	35	195	42	14	110	22
POTATOES	27	100	7	83	425	28	-	-	-	21	120	8	-	-	-
PUMPKINS	6	50	4	18	180	13	-	-	-	5	40	4	-	-	-
SQUASH, SUM. & ITALIAN	39	400	54	-	-	-	-	-	-	-	-	-	-	-	-
SQUASH, MISC.	7	100	10	-	-	-	-	-	-	15	150	14	-	-	-
SWEET POTATOES	21	190	8	26	180	7	6	40	2	135	845	46	21	200	7
TARO (FOR MFR.)	158	2,500	147	91	1,400	63	30	300	13	426	5,290	222	169	2,250	79
TOMATOES	77	950	136	240	1,680	240	6	50	7	223	1,780	279	57	500	71

CONTINUED

TABLE 37.--CONTINUED

COMMODITY	HAWAII			MAUI			MOLOKAI			OAHU			KAUAI		
	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE	ACREAGE	PRODUC- TION	VALUE
		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS		1,000 POUNDS	1,000 DOLLARS
VEGETABLES--CONTD.															
WATERCRESS	2	60	5	1	40	4	-	-	-	24	1,360	136	3	60	5
WATERMELONS	75	435	28	118	790	51	25	85	5	625	3,210	302	24	260	17
YAM BEAN ROOT	2	40	3	-	-	-	-	-	-	4	70	7	5	110	9
TOTAL VEGETABLES 1950	1,530	17,595	1,573	1,647	14,385	990	96	700	45	2,559	21,260	2,002	431	4,655	313
1949	1,420	17,365	1,537	1,540	14,400	1,106	65	580	35	2,538	22,610	2,007	445	6,040	394
1948	1,662	18,305	1,774	1,490	15,665	1,230	102	540	43	2,382	21,755	2,267	524	6,315	501
TOTAL FRUITS AND VEGETABLES 1950	1,822	19,815	1,762	1,871	15,125	1,063	183	750	48	4,144	33,385	2,678	462	4,920	329
1949	1,702	19,945	1,794	1,761	15,245	1,244	149	620	38	3,965	32,825	2,863	474	6,310	433
1948	1,946	21,040	2,056	1,710	16,320	1,328	188	575	45	3,828	36,635	3,226	553	6,515	531
MISCELLANEOUS CROPS															
COFFEE, GREEN ^{4/}	3,500	4,300	1,793	-	-	-	-	-	-	-	-	-	-	-	-
CORN, FIELD (SHELLED)	420	350	18	273	350	18	70	190	8	-	-	-	25	75	4
MACADAMIA NUTS, UNSHELLED:															
BEARING	600	500	85	14	25	4	2	-	-	114	90	15	78	140	24
NON-BEARING	514	-	-	204	-	-	-	-	-	66	-	-	175	-	-
RICE, MILLED	-	-	-	-	-	-	-	-	-	-	-	-	194	1,030	156
TOTAL MISCELLANEOUS CROPS 1950	5,034	5,150	1,896	491	375	22	72	190	8	180	90	15	472	1,245	184
1949	4,986	6,900	1,689	193	180	13	72	60	4	174	40	7	547	920	168
1948	4,735	8,015	1,937	154	170	9	72	50	2	174	30	5	460	715	176
TOTAL DIVERSIFIED CROPS 1950	6,856	24,965	3,658	2,362	15,500	1,085	255	940	56	4,324	33,475	2,693	934	6,165	513
1949	6,688	26,845	3,436	1,954	15,425	1,207	221	680	42	4,139	32,865	2,785	1,021	7,230	585
1948	6,681	29,055	3,937	1,864	16,490	1,286	260	625	47	4,002	36,665	3,142	1,013	7,230	688

^{1/}SOME 1949 AND 1948 ESTIMATES REVISED. ACREAGE FOR SHORT-TERM CROPS CONSISTS OF PLANTINGS THAT WOULD NORMALLY BE HARVESTED IN 1950. ACREAGE OF TREE AND LONG-TERM CROPS (EXCEPT MACADAMIA NUTS) IS AVERAGE ACREAGE DURING THE YEAR. MACADAMIA NUT ACREAGE IS ACREAGE AT THE END OF YEAR. PRODUCTION IS CALCULATED FROM RECORDED MARKETINGS, WITH ADJUSTMENTS FOR DIRECT SALES TO RETAILERS OR CONSUMERS BY FARMERS. LOSSES RESULTING FROM LACK OF MARKET ARE INCLUDED IN THE PRODUCTION ESTIMATES. VALUE IS CALCULATED AT AVERAGE WHOLESALE PRICES OF MARKETINGS ON THE ISLAND OF ORIGIN. NO VALUE IS INCLUDED FOR TONNAGE LOST FROM LACK OF MARKET.

^{2/}INCLUDING PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

^{3/}WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

^{4/}CROP YEAR ENDING JUNE 30, 1950.

Table 38.--Summary of Estimated Hawaiian Fruit and Vegetable Production by Commodities and Months for 1950, with Comparisons for 1949 and 1948

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total		
													1950	1949	1948
	1,000 pounds												1,000 pounds		
Fruits															
Avocados	81	107	89	83	87	79	80	91	88	84	102	79	1050 ^{1/}	980	1055
Bananas	562	417	462	412	460	439	539	539	461	543	424	392	5650	6005	9435
Bananas, cooking	15	20	35	28	25	18	15	15	15	12	12	10	220	110	75
Mangos, cultivated	-	-	-	20	60	20	25	10	10	5	-	-	150	300	120
Oranges	15	5	5	-	-	-	-	-	20	30	75	50	200	400	500 ^{1/}
Papayas	552	496	498	454	660	694	723	791	706	865	841	670	7950	5885	7100
Tangerines	35	10	5	-	-	-	-	-	-	20	60	50	180	270	220 ^{1/}
Total fruits 1950	1260	1055	1094	997	1292	1250	1382	1446	1300	1559	1514	1251	15400		
1949	1236	1069	1033	961	1023	1148	1158	1232	1132	1308	1391	1259		13950	
1948	1366	1299	1634	1553	1462	1592	1545	1402	1544	1757	1817	1534			18505
Vegetables															
Beans, snap	168	145	158	173	203	184	177	179	212	185	136	95	2015	1955	2325
Beets 2/	16	13	12	23	12	11	10	7	6	9	7	4	130	140	135
Broccoli	30	28	34	37	30	23	21	22	27	29	24	15	320	315	220
Burdock	64	69	53	53	53	48	53	63	53	53	53	75	690	570	640
Cabbage, head	732	722	695	618	688	708	623	677	540	662	623	502	7790	7385	9335
Cabbage, oriental	302	224	340	258	215	288	264	262	293	385	290	229	3350	2850	3110
Carrots 2/	111	115	143	199	180	163	129	154	155	137	113	101	1700	2035	1995
Cauliflower	21	21	36	26	21	21	21	21	12	21	27	22	270	360	310
Celery	34	50	42	53	40	33	52	51	30	31	48	36	500	460	530
Corn, green	113	129	154	128	168	101	89	70	65	81	102	85	1285	1240	1165
Cucumbers	225	267	342	267	287	322	286	253	282	291	282	181	3285	3170	3360
Daikon 2/	314	294	376	339	371	321	356	338	332	319	353	327	4040	3835	3795
Dasheens	20	25	24	27	29	30	29	30	35	31	26	69	375	380	395
Eggplant	49	28	48	67	58	68	70	69	64	66	62	31	680	740	780
Ginger root	45	55	46	42	63	39	34	45	49	37	68	52	575	690	765

Continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total			
													1950	1949	1948	
	1,000 pounds												1,000 pounds			
Vegetables--Contd.																
Lettuce	172	237	337	362	228	247	317	172	237	292	207	107	2915	3425	2875	
Lotus root	51	31	22	10	5	5	15	31	41	51	51	72	385	315	280	
Onions, dry	-	-	15	100	175	150	150	140	100	30	10	5	875	325	470	
Onions, green	50	50	49	58	58	60	57	57	49	52	58	52	650	620	765	
Peppers	40	48	43	45	34	31	45	48	43	51	62	35	525	670	390	
Potatoes	11	15	26	125	100	70	95	40	40	30	43	50	645	355	520	
Pumpkins	23	17	14	22	28	8	14	13	22	42	39	28	270	400	270	
Squash, sum. & It.	20	25	45	35	30	30	25	35	45	45	35	30	400	300	250	
Squash, misc.	20	25	10	10	18	22	42	27	27	22	12	15	250	360	360	
Sweetpotatoes	122	119	139	125	132	129	128	115	101	92	130	123	1455	1445	1200	
Taro (for mfr.)	880	860	990	970	995	1050	1025	970	950	975	965	1110	11740	13900	14195	
Tomatoes	434	340	373	466	425	448	514	463	408	394	393	302	4960	6005	5300	
Watercress	113	113	122	125	123	137	144	133	132	132	133	113	1520	1480	1430	
Watermelons	25	30	40	620	870	1165	835	620	295	170	70	40	4780	5005	5185	
Yam bean root	17	18	24	12	24	15	19	18	11	21	20	21	220	265	230	
Total veg. 1950	4222	4113	4752	5395	5663	5927	5639	5123	4656	4736	4442	3927	58595			
1949	4214	4043	4485	5162	6760	6881	5646	5188	4943	4831	4477	4365		60995		
1948	4192	3824	4429	4857	5847	6484	6389	5268	5413	5490	5527	4860				62580
Total fruits and vegetables 1950	5482	5168	5846	6392	6955	7177	7021	6569	5956	6295	5956	5178	73995			
1949	5450	5112	5518	6123	7783	8029	6804	6420	6075	6139	5868	5624		74945		
1948	5558	5123	6063	6410	7309	8076	7934	6670	6957	7246	7344	6394				81085

1/ INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

2/ WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

Table 39.--Estimated Monthly Production of Specified Fruits and Vegetables, 1950,
with Comparisons for 1949 and 1948, by Commodities and Origin

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
	1,000 pounds												1,000 pounds		
Fruits															
Avocados															
Hawaii	70	90	75	75	75	60	50	70	75	75	90	70	875	775	860
Maui	5	10	10	5	8	12	15	5	3	4	8	5	90	90	85
Oahu	4	5	3	2	3	5	10	8	5	2	1	2	50 ^{1/}	75	70
Kauai	2	2	1	1	1	2	5	8	5	3	3	2	35	40	40
Total 1950	81	107	89	83	87	79	80	91	88	84	102	79	1050		
1949	82	107	104	75	54	47	66	94	92	85	105	69		980	
1948	99	93	106	82	79	51	66	62	104	117	112	84			1055
Bananas															
Hawaii	15	15	20	20	18	18	18	18	20	20	20	18	220	475	500
Maui	35	40	30	30	30	35	30	30	30	35	40	35	400	375	425
Molokai	2	2	2	2	2	1	1	1	1	3	4	4	25	15	20
Oahu	500	350	400	350	400	375	475	475	400	475	350	325	4875	5000	8400
Kauai	10	10	10	10	10	10	15	15	10	10	10	10	130	140	90
Total 1950	562	417	462	412	460	439	539	539	461	543	424	392	5650		
1949	576	451	406	386	406	456	456	557	537	641	581	552		6005	
1948	716	717	777	777	781	802	826	821	847	822	797	752			9435
Bananas, cooking															
Hawaii	15	20	35	28	25	18	15	15	15	12	12	10	220	100	75
Maui	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
Total 1950	15	20	35	28	25	18	15	15	15	12	12	10	220		
1949	6	6	7	9	9	8	9	10	10	11	13	11		110	
1948	6	5	6	6	6	6	6	6	6	8	8	6			75

^{1/} INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

continued

Table 39.--Continued

Commodity		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l			
														1950	1949	1948	
1,000 pounds														1,000 pounds			
Fruits--Contd.																	
Mangos, cultivated																	
Hawaii		-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	
Maui		-	-	-	20	60	20	25	10	10	5	-	-	150	210	60	
Oahu		-	-	-	-	-	-	-	-	-	-	-	-	-	40	30	
Kauai		-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	
Total		1950	-	-	-	20	60	20	25	10	10	5	-	-	150		
		1949	-	-	-	4	3	69	103	96	13	4	-	-	300		
		1948	-	-	-	7	9	25	52	22	5	-	-	-		120	
Oranges																	
Hawaii		1950	15	5	5	-	-	-	-	20	30	75	50	200			
		1949	25	15	5	2	2	1	-	30	100	150	70		400		
		1948	30	15	5	2	2	2	-	4	50	170	180	40		500 1/	
Papayas																	
Hawaii			40	35	40	45	45	50	50	60	30	40	40	50	525	530	550
Maui			5	4	4	4	5	8	10	15	15	10	10	10	100	160	85
Molokai			2	2	2	2	2	1	1	1	1	3	4	4	25	25	15
Oahu			500	450	450	400	600	625	650	700	650	800	775	600	7200	5100	6380
Kauai			5	5	2	3	8	10	12	15	10	12	12	6	100	70	70
Total		1950	552	496	498	454	660	694	723	791	706	865	841	670	7950		
		1949	527	480	509	485	541	567	524	475	449	449	442	437		5885	
		1948	490	459	737	677	585	706	595	487	532	630	640	562			7100
Tangerines																	
Hawaii		1950	35	10	5	-	-	-	-	-	-	20	60	50	180		
		1949	20	10	2	-	-	-	-	-	-	18	100	120		270	
		1948	25	10	3	2	-	-	-	-	-	10	80	90			220 1/

1/ INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l			
													1950	1949	1948	
	1,000 pounds												1,000 pounds			
Vegetables																
Beans, snap																
Hawaii	25	25	30	25	25	30	40	40	50	30	30	25	375	380	540	
Maui	20	20	25	30	30	30	35	25	30	35	35	20	335	300	240	
Molokai	3	2	3	3	3	4	4	4	2	2	3	2	35	20	20	
Oahu	110	90	90	90	120	100	90	100	120	110	60	40	1120	1075	1275	
Kauai	10	8	10	25	25	20	8	10	10	8	8	8	150	180	250	
Total	1950	168	145	158	173	203	184	177	179	212	185	136	95	2015		
	1949	136	86	142	217	212	137	151	201	177	172	147	177		1955	
	1948	152	117	222	227	185	187	227	231	206	207	172	192			2325
Beets ^{2/}																
Hawaii	4	6	4	8	4	4	2	2	2	2	1	1	40	40	40	
Maui	2	2	4	5	3	2	3	2	2	2	2	1	30	30	30	
Oahu	10	5	4	10	5	5	5	3	2	5	4	2	60	70	65	
Total	1950	16	13	12	23	12	11	10	7	6	9	7	4	130		
	1949	6	9	8	11	11	10	13	15	15	14	14	14		140	
	1948	11	12	17	16	13	13	12	9	8	8	8	8			135
Broccoli																
Hawaii	12	8	12	10	12	8	10	10	15	15	12	6	130	110	60	
Maui	10	10	12	12	8	5	3	2	2	4	4	3	75	80	60	
Oahu	8	10	10	15	10	10	8	10	10	10	8	6	115	125	100	
Total	1950	30	28	34	37	30	23	21	22	27	29	24	15	320		
	1949	34	31	25	21	25	25	23	22	24	30	30	25		315	
	1948	20	16	14	34	19	16	14	16	16	19	17	19			220

2/ WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	1,000 pounds												1,000 pounds		
Burdock															
Hawaii	60	65	50	50	50	45	50	60	50	50	50	70	650	500	580
Maui	4	4	3	3	3	3	3	3	3	3	3	5	40	60	50
Oahu	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10
Total 1950	64	69	53	53	53	48	53	63	53	53	53	75	690		
1949	32	57	49	50	45	56	40	54	41	44	45	56		570	
1948	31	46	57	40	44	50	59	44	48	53	65	103			640
Cabbage, head															
Hawaii	325	225	200	100	100	100	150	175	225	250	175	125	2150	2020	2450
Maui	315	425	400	430	510	525	410	450	285	360	400	320	4830	4650	6050
Molokai	2	2	3	3	3	3	3	2	2	2	3	2	30	15	20
Oahu	60	50	80	70	50	50	50	40	20	30	25	25	550	500	540
Kauai	30	20	12	15	25	30	10	10	8	20	20	30	230	220	275
Total 1950	732	722	695	618	688	708	623	677	540	662	623	502	7790		
1949	731	802	763	684	711	581	636	556	516	416	457	532		7385	
1948	682	584	677	736	691	846	851	886	886	847	882	767			9335
Cabbage, oriental															
Hawaii	60	45	75	60	35	100	90	60	110	100	90	75	900	600	840
Maui	40	75	170	70	30	80	40	50	25	100	40	30	750	700	770
Oahu	200	100	90	120	140	100	130	150	150	175	150	120	1625	1500	1400
Kauai	2	4	5	8	10	8	4	2	8	10	10	4	75	50	100
Total 1950	302	224	340	258	215	268	264	262	293	385	290	229	3350		
1949	262	195	189	294	293	182	232	284	223	245	206	245		2850	
1948	303	222	228	333	233	202	212	330	305	251	254	237			3110
Carrots ^{2/}															
Hawaii	50	40	40	50	40	45	40	60	45	40	35	40	525	700	660
Maui	50	60	85	130	125	100	80	75	100	85	60	50	1000	1090	1050
Molokai	2	1	2	2	2	2	2	2	2	3	3	2	25	15	15
Oahu	6	10	15	15	12	12	5	15	3	6	10	6	115	180	200
Kauai	3	4	1	2	1	4	2	2	5	3	5	3	35	50	70
Total 1950	111	115	143	199	180	163	129	154	155	137	113	101	1700		
1949	143	133	182	173	223	260	255	191	108	126	132	109		2035	
1948	138	163	191	173	186	156	170	118	131	183	233	153			1995

^{2/} WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	1,000 pounds												1,000 pounds		
Cauliflower															
Hawaii	1	1	1	1	1	1	1	1	2	6	2	2	20	20	50
Maui	20	20	35	25	20	20	20	20	10	15	25	20	250	300	210
Oahu	-	-	-	-	-	-	-	-	-	-	-	-	-	40	50
Total 1950	21	21	36	26	21	21	21	21	12	21	27	22	270		
1949	39	27	42	38	40	28	27	28	29	21	22	19		360	
1948	56	29	34	23	38	14	20	11	12	18	28	27			310
Celery															
Hawaii	20	25	30	45	35	30	50	50	30	30	45	35	425	380	420
Maui	4	5	2	3	3	1	1	1	-	1	3	1	25	40	60
Oahu	10	20	10	5	2	2	1	-	-	-	-	-	50	40	50
Total 1950	34	50	42	53	40	33	52	51	30	31	48	36	500		
1949	3	5	3	17	62	86	43	34	48	48	67	44		460	
1948	30	28	32	50	73	68	74	42	50	52	17	14			530
Corn, green															
Hawaii	15	10	5	10	5	5	15	5	5	5	10	10	100	80	120
Maui	2	8	70	40	80	20	10	15	10	10	20	15	300	240	275
Molokai	1	1	1	10	8	6	4	2	2	1	2	2	40	10	30
Oahu	80	75	60	50	60	60	40	40	40	60	60	50	675	780	600
Kauai	15	35	18	18	15	10	10	8	8	15	10	8	170	130	140
Total 1950	113	129	154	128	168	101	89	70	65	81	102	85	1285		
1949	75	70	150	91	102	133	84	82	151	100	114	88		1240	
1948	93	145	115	78	101	118	53	53	68	142	97	102			1165
Cucumbers															
Hawaii	125	100	130	125	100	100	175	160	150	160	150	100	1575	1520	1740
Maui	25	65	60	30	20	30	55	30	40	35	55	15	460	470	470
Molokai	1	2	2	2	2	2	2	3	4	2	2	1	25	10	-
Oahu	70	80	80	70	125	150	50	50	80	90	50	30	925	900	800
Kauai	4	20	70	40	40	40	4	10	8	4	25	35	300	270	350
Total 1950	225	267	342	267	287	322	286	253	282	291	282	181	3285		
1949	121	146	166	251	358	267	341	365	290	300	285	280		3170	
1948	175	145	270	275	305	260	360	300	425	285	310	250			3360

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	1,000 pounds												1,000 pounds		
Daikon ^{2/}															
Hawaii	225	225	275	235	275	240	275	250	250	225	275	250	3000	2700	2600
Maui	18	18	20	20	18	15	15	12	12	15	15	12	190	325	350
Oahu	70	50	80	80	70	60	60	75	70	75	60	60	810	780	820
Kauai	1	1	1	4	8	6	6	1	-	4	3	5	40	30	25
Total 1950	314	294	376	339	371	321	356	338	332	319	353	327	4040		
1949	302	297	312	332	312	317	327	352	338	318	313	315		3835	
1948	332	277	312	353	327	332	292	287	307	307	332	337			3795
Dasheens															
Hawaii	10	15	20	20	12	10	10	20	25	18	20	60	240	200	210
Maui	2	3	1	1	3	2	3	3	3	4	2	3	30	40	40
Oahu	4	2	2	5	10	10	8	5	5	5	2	2	60	70	75
Kauai	4	5	1	1	4	8	8	2	2	4	2	4	45	70	70
Total 1950	20	25	24	27	29	30	29	30	35	31	26	69	375		
1949	25	30	25	18	29	20	35	33	37	34	34	60		380	
1948	23	36	26	20	20	26	30	37	44	49	32	52			395
Eggplant															
Hawaii	5	2	3	3	3	6	10	10	10	8	5	5	70	60	80
Maui	3	2	5	6	4	5	5	4	5	4	5	2	50	50	40
Molokai	4	2	8	6	4	6	10	10	8	5	5	2	70	80	100
Oahu	35	20	30	50	45	45	35	35	35	45	45	20	440	500	500
Kauai	2	2	2	2	2	6	10	10	6	4	2	2	50	50	60
Total 1950	49	28	48	67	58	68	70	69	64	66	62	31	680		
1949	67	25	47	75	66	71	70	75	72	66	54	52		740	
1948	61	38	44	54	60	68	84	81	85	84	64	57			780
Ginger root															
Hawaii	40	50	40	35	60	35	30	40	40	30	60	40	500	590	635
Maui	4	4	3	3	2	2	2	3	8	6	5	8	50	50	80
Kauai	1	1	3	4	1	2	2	2	1	1	3	4	25	50	50
Total 1950	45	55	46	42	63	39	34	45	49	37	68	52	575		
1949	49	64	58	50	59	47	46	75	56	47	78	61		690	
1948	68	51	68	54	49	63	68	67	68	54	87	68			765

^{2/} WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	1,000 pounds												1,000 pounds		
Lettuce															
Hawaii	100	175	225	225	150	160	225	100	150	210	120	60	1900	2430	1850
Maui	20	20	30	45	15	25	20	10	15	20	25	5	250	240	300
Oahu	50	40	80	90	60	60	70	60	70	60	60	40	740	730	700
Kauai	2	2	2	2	3	2	2	2	2	2	2	2	25	25	25
Total 1950	172	237	337	362	228	247	317	172	237	292	207	107	2915		
1949	177	167	360	437	422	322	297	282	272	307	194	188		3425	
1948	246	188	207	217	293	333	368	217	222	222	171	191			2875
Lotus root															
Maui	1	1	2	-	-	-	-	1	1	1	1	2	10	15	10
Oahu	50	30	20	10	5	5	15	30	40	50	50	70	375	300	270
Total 1950	51	31	22	10	5	5	15	31	41	51	51	72	385		
1949	42	27	18	6	2	3	5	21	27	41	51	72		315	
1948	36	26	11	2	2	2	3	13	31	41	51	62			280
Onions, dry															
Maui 1950	-	-	15	100	175	150	150	140	100	30	10	5	875		
1949	-	-	-	40	120	80	30	20	18	10	2	5		325	
1948	-	5	10	40	80	70	70	70	100	20	5	-			470
Onions, green															
Hawaii	6	5	5	3	5	5	3	3	5	8	4	8	60	75	90
Maui	3	4	3	3	2	3	2	2	2	2	2	2	30	40	50
Oahu	40	40	40	50	50	50	50	50	40	40	50	40	540	480	600
Kauai	1	1	1	2	1	2	2	2	2	2	2	2	20	25	25
Total 1950	50	50	49	58	58	60	57	57	49	52	58	52	650		
1949	54	46	44	53	61	61	51	50	51	50	50	49		620	
1948	68	61	63	54	61	63	64	61	64	73	71	62			765

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	1,000 pounds												1,000 pounds		
Peppers, sweet															
Hawaii	10	8	5	5	6	8	15	15	8	6	12	12	110	130	150
Maui	5	5	5	10	5	3	12	15	15	15	15	5	110	90	40
Oahu	15	25	15	15	15	15	10	10	15	25	25	10	195	360	100
Kauai	10	10	18	15	8	5	8	8	5	5	10	8	110	90	100
Total 1950	40	48	43	45	34	31	45	48	43	51	62	35	525		
1949	56	35	45	57	44	44	62	59	58	82	71	57		670	
1948	23	17	24	28	27	32	31	28	37	59	47	37			390
Potatoes															
Hawaii	6	-	1	45	20	10	5	-	-	-	3	10	100	40	150
Maui	5	15	25	50	60	40	40	40	40	30	40	40	425	270	330
Molokai	-	-	-	-	-	-	-	-	-	-	-	-	-	15	40
Oahu	-	-	-	30	20	20	50	-	-	-	-	-	120	30	-
Total 1950	11	15	26	125	100	70	95	40	40	30	43	50	645		
1949	23	14	22	36	36	72	12	17	49	37	21	16		355	
1948	19	14	55	105	74	41	45	32	36	34	35	30			520
Pumpkins															
Hawaii	12	12	8	6	-	-	3	2	-	1	1	5	50	140	90
Maui	10	4	5	15	25	5	8	8	20	35	30	15	180	200	120
Oahu	1	1	1	1	3	3	3	3	2	6	8	8	40	60	60
Total 1950	23	17	14	22	28	8	14	13	22	42	39	28	270		
1949	16	39	17	31	75	35	21	38	33	22	47	26		400	
1948	4	9	5	6	26	47	23	14	8	33	78	17			270
Squash, summer and Italian															
Hawaii 1950	20	25	45	35	30	30	25	35	45	45	35	30	400		
1949	10	5	25	30	30	35	25	50	20	20	30	20		300	
1948	10	10	20	20	40	10	35	20	10	20	30	25			250

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	1,000 pounds												1,000 pounds		
Squash, misc.															
Hawaii	10	15	-	-	8	12	12	12	12	12	2	5	100	110	180
Maui	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-
Oahu	10	10	10	10	10	10	30	15	15	10	10	10	150	230	180
Total 1950	20	25	10	10	18	22	42	27	27	22	12	15	250		
1949	14	22	12	11	36	39	30	31	66	41	26	32		360	
1948	37	45	20	3	6	35	42	22	23	50	44	33			360
Sweetpotatoes															
Hawaii	25	10	25	15	15	10	10	10	15	15	20	20	190	410	450
Maui	10	12	12	10	10	25	30	15	12	12	12	20	180	160	180
Molokai	2	2	2	2	2	4	8	5	4	3	3	3	40	25	25
Oahu	70	80	80	90	90	70	60	60	60	50	75	60	845	700	370
Kauai	15	15	20	8	15	20	20	25	10	12	20	20	200	150	175
Total 1950	122	119	139	125	132	129	128	115	101	92	130	123	1455		
1949	64	91	91	115	118	168	119	147	138	125	157	112		1445	
1948	89	77	109	87	114	106	66	86	97	116	126	127			1200
Taro (for mfr.)															
Hawaii	150	160	180	250	300	300	200	180	200	200	180	200	2500	2500	2650
Maui	80	90	140	115	150	120	115	130	130	130	100	100	1400	1270	1575
Molokai	20	20	20	25	25	30	30	30	30	25	25	20	300	330	230
Oahu	430	380	350	380	350	400	520	430	450	420	520	660	5290	6600	6400
Kauai	200	210	300	200	170	200	160	200	140	200	140	130	2250	3200	3340
Total 1950	880	860	990	970	995	1050	1025	970	950	975	965	1110	11740		
1949	1075	1080	1170	1160	1135	1210	1210	1270	1180	1220	1120	1070		13900	
1948	975	1000	1175	1090	1331	1145	1348	1323	1323	1265	1095	1125			14195
Tomatoes															
Hawaii	160	120	125	75	50	65	45	40	60	60	75	75	950	750	850
Maui	110	120	140	180	170	100	190	250	180	110	80	50	1680	2325	1750
Molokai	4	5	8	6	5	3	4	3	3	4	3	2	50	50	50
Oahu	120	80	80	130	150	220	200	150	125	200	200	125	1780	1960	1850
Kauai	40	15	20	75	50	60	75	20	40	20	35	50	500	920	800
Total 1950	434	340	373	466	425	448	514	463	408	394	393	302	4960		
1949	524	400	300	524	662	569	501	451	592	557	457	468		6005	
1948	355	321	274	411	495	535	388	287	352	571	701	610			5300

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
Vegetables--Contd.	<u>1,000 pounds</u>												<u>1,000 pounds</u>		
Watercress															
Hawaii	5	5	5	5	5	5	5	5	5	5	5	5	60	80	70
Maui	3	4	3	5	3	4	3	3	3	3	3	3	40	40	40
Oahu	100	100	110	110	110	120	130	120	120	120	120	100	1360	1300	1260
Kauai	5	4	4	5	5	8	6	5	4	4	5	5	60	60	60
Total 1950	113	113	123	125	123	137	144	133	132	132	133	113	1520		
1949	101	102	131	132	124	127	129	129	129	126	125	125		1480	
1948	122	118	134	139	135	126	131	106	110	108	98	103			1430
Watermelons															
Hawaii	20	30	40	10	50	100	80	15	10	50	10	20	435	450	450
Maui	-	-	-	400	350	-	-	5	15	10	5	5	790	1000	1025
Molokai	-	-	-	5	50	25	5	-	-	-	-	-	85	10	10
Oahu	-	-	-	200	400	1000	700	500	250	100	50	10	3210	3225	3400
Kauai	5	-	-	5	20	40	50	100	20	10	5	5	260	320	300
Total 1950	25	30	40	620	870	1165	835	620	295	170	70	40	4780		
1949	2	13	68	187	1326	1872	815	237	170	190	95	30		5005	
1948	10	-	-	171	797	1504	1232	466	325	300	355	25			5185
Yam bean root															
Hawaii	2	6	8	4	4	3	1	2	1	1	2	6	40	50	50
Oahu	5	2	6	2	10	4	8	8	6	8	6	5	70	65	80
Kauai	10	10	10	6	10	8	10	8	4	12	12	10	110	150	100
Total 1950	17	18	24	12	24	15	19	18	11	21	20	21	220		
1949	31	25	21	20	21	24	16	19	15	22	33	18		265	
1948	23	24	15	18	22	16	17	11	16	19	22	27			230

continued

Table 39.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1950	1949	1948
	1,000 pounds												1,000 pounds		
Miscellaneous Crops															
Corn, shelled															
Hawaii	10	6	3	15	15	15	8	3	10	10	60	195	350	500	475
Maui	-	-	-	-	8	150	125	25	30	8	4	-	350	160	150
Molokai	-	5	50	50	50	35	-	-	-	-	-	-	190	60	50
Kauai	10	6	5	5	5	6	2	15	4	8	5	4	75	75	60
Total 1950	20	17	58	70	78	206	135	43	44	26	69	199	965		
1949	17	61	31	56	84	60	75	90	68	60	110	83		795	
1948	107	20	55	65	45	64	29	25	39	59	210	17			735
Macadamia nuts, unshelled															
Hawaii	35	35	35	40	30	40	45	60	60	50	40	30	500	500	550
Maui	3	3	3	3	2	1	-	-	2	3	3	2	25	20	20
Oahu	5	2	1	1	1	1	4	4	20	25	18	8	90	40	30
Kauai	5	5	4	2	2	4	8	15	25	25	25	20	140	120	100
Total 1950	48	45	43	46	35	46	57	79	107	103	86	60	755		
1949	49	44	43	38	38	47	57	69	81	87	69	58		680	
1948	60	60	40	42	48	58	74	68	68	64	64	54			700