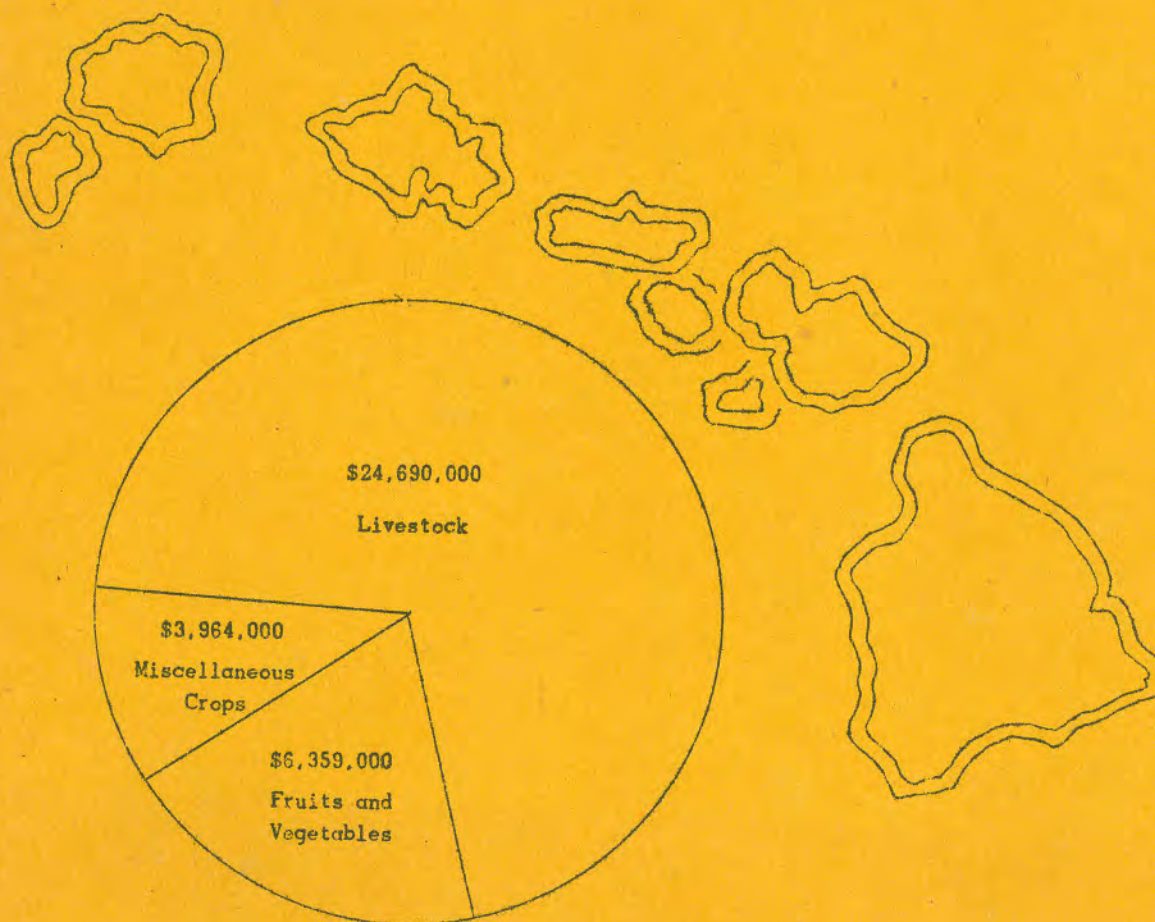


APRIL 1952

AGRICULTURAL ECONOMICS REPORT NO. 11

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
UNIVERSITY OF HAWAII, HONOLULU 14, HAWAII
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
DISTRIBUTED IN FURTHERANCE OF THE ACTS OF CONGRESS OF MAY 8 AND JUNE 30, 1914
H. A. WADSWORTH, DIRECTOR, HAWAII AGRICULTURAL EXTENSION SERVICE

1951 STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII



Value of 1951 Marketings

Agricultural Extension Service
College of Agriculture, University of Hawaii
Department of Agricultural Economics
Ralph Elliott - Agricultural Economist

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LIVESTOCK AND POULTRY

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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, value, 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. 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.

Assembly and Editing

Data were assembled and edited by N. Keith Roberts, Assistant Extension Economist and Ethel Nihei, statistician.



Ralph Elliott
Agricultural Economist

AGRICULTURE IN HAWAII IN 1951 1/

Agriculture in 1951

The total wholesale value of agricultural products produced and marketed in the Territory in 1951 (excluding flowers) was about \$271 million compared to \$240 million in 1950. The \$31 million increase for 1951 was the result of higher prices and increased marketings of sugar, pineapple, and livestock products.

The weather was favorable to fruit and vegetable crops during most of 1951, but heavy storms did considerable damage to plantings in March. About one-half of the acreage in papayas in the Territory was destroyed during the storms or abandoned later as a result of the damage suffered. Some damage to vegetable crops occurred during the March storms and the latter part of October.

Land Utilization

Total land area of the Territory is 4.1 million acres, but only 7.5 percent was in cultivated crops in 1951. Forest reserves comprise 29.5 percent, and beef and sheep graze on 34.1 percent of the total area. The remainder is in cities, towns, roads, military establishments, parks, and waste land.

The total land area in cultivated crops was 309,000 acres in 1951. This was about 3,000 acres more than in 1950. The area in sugar cane rose from 220,000 acres in 1950 to 221,000 acres in 1951. The pineapple acreage, which was 71,000 acres in 1950, rose to 74,000 acres in 1951. The amount of land used for diversified crops decreased from 14,500 acres in 1950 to 13,800 acres in 1951.

Number of Farms

About 5,500 farms produced livestock and crops (excluding flowers) on a commercial scale in the Territory in 1951. Of the 1,400 commercial livestock enterprises, 360 were beef cattle, 3 sheep, 560 hog, 400 poultry, and 74 dairy. Of the fruit and vegetable farmers, 315 raised taro commercially and 1,520 produced other vegetables and fruits. Coffee was a major product on 700 farms, macadamia nuts on 100, rice on 50, and honey on 30. Sugar cane was produced on 1,800 farms and plantations and pineapples on 275.

Sugar Cane and Pineapple

The value of sugar and byproducts was \$136 million in 1951 compared to \$124 million for 1950. Sugar production in 1951 totaled 996,000 tons, whereas 961,000 tons were produced in 1950. The 1951 pineapple export pack of 26 million cases of canned fruit and juices was valued at \$100 million contrasted with 24 million cases valued at \$88 million for 1950.

Crop and Livestock Marketings

The value of livestock and diversified crop marketings, based on wholesale prices, was estimated at \$35.0 million in 1951 compared with \$28.6 million in 1950, \$28.8 million in 1949, and \$30.3 million in 1948 (excluding flowers). Of the 1951 total, 70 percent or \$24.7 million was from livestock products and \$10.3 million or 30 percent from crops.

Fresh vegetables: The wholesale value of fresh vegetables marketed in 1951 was \$4.6 million compared with \$4.4 million in 1950. The volume of fresh vegetables produced in 1951 was 46.0 million pounds, a decrease from the 46.7 million in 1950. The value of taro marketed for poi manufacture increased to \$690,000 in 1951 from \$520,000 in 1950; production increased 100,000 pounds in 1951 to 11.8 million.

1/ MANY FIGURES ROUNDED IN TEXT. SEE TABLES FOR DETAILS.

Fresh fruits and nuts: Fresh fruits (except pineapples) increased in value from \$924,000 in 1950 to \$1.0 million in 1951, largely because of higher prices. The volume of fresh fruits decreased from 15.3 million pounds in 1950 to 13.4 million in 1951. Macadamia nuts worth \$144,000, unshelled basis, were marketed in 1951 compared with marketings worth \$128,000 in 1950. The quantity increased from 755,000 pounds in 1950 to 850,000 in 1951.

Miscellaneous crops: Green coffee marketed from the 1950-51 crop year ending June 30, 1951, was estimated at 7.5 million pounds, 3.2 million pounds more than in the light 1949-50 crop year. The big 1950-51 crop was the result of favorable weather during critical periods; higher prices also encouraged better care of fields. The value of the 1950-51 crop was \$3.7 million compared to \$1.8 million for the previous year's crop. The value of rice and field corn was \$160,000 in 1951, up \$4,000 from 1950.

Livestock: The number of beef cattle marketed in the Territory in 1951 rose to 32,700 head compared with 29,500 in 1950, and the value increased to \$8.3 million from \$7.2 million. The value of milk and dairy meat products was \$6.8 million in 1950 and \$7.9 million in 1951. Milk production in 1951 was 38.4 million quarts compared with 35.6 million in 1950. The number of Island hogs marketed increased from 53,400 head in 1950 to 60,200 in 1951; prices also increased in 1951. As a result, the value of swine marketed (delivered slaughterhouse) rose from \$3.0 million in 1950 to \$3.5 million in 1951. The value of mutton and wool marketings in 1951 was \$70,000 compared with \$74,000 in 1950. The wholesale value of egg and poultry meat marketings increased to \$4.8 million in 1951 from \$3.5 million in 1950. Egg production in 1951 amounted to 4.0 million dozens, 3.7 million more than in 1950. The number of chickens marketed for meat is increasing--790,000 in 1951, 583,000 in 1950, and 472,000 in 1949.

Honey and beeswax production in 1951 totaled 900,000 pounds with an estimated value of \$82,000 compared with 810,000 pounds valued at \$67,000 in 1950.

Flowers

The estimated value of flowers exported from the Territory in 1951 was about \$1.2 million, about \$200,000 less than for the previous year. However, the number of packages exported was greater--521,500 in 1951 compared with 499,700 in 1950.

About 860 growers produced flowers commercially in the Territory in 1951--397 on Hawaii, 25 on Maui, 6 on Molokai, 420 on Oahu, and 12 on Kauai; about 340 acres were used for flower production in 1951.

N. K. Roberts
Assistant Extension Economist

STATISTICS OF VALUE AND VOLUME OF AGRICULTURAL MARKETINGS
Table 1.--Volume of Hawaiian Agricultural Marketings, 1951, 1950^{2/}, and 1949^{1/}

Commodity	Unit	1951	1950 ^{2/}	1949 ^{1/}
Sugar, raw (960) ^{3/}	tons	995,759	960,961	955,890
Pineapples: ^{4/} canned fruit	1,000 cases	14,377	13,448	13,448
canned juice	1,000 cases	11,699	10,405	10,043
Beef cattle	head	32,670	29,470	33,690
Dairy: cows and calves	head	3,070	3,390	4,430
milk	1,000 quarts	38,436	35,624	31,735
Sheep	head	1,200	1,950	2,980
Wool	1,000 pounds	65	65	72
Swine ^{5/}	head	60,200	53,400	44,300
Poultry products: eggs	1,000 dozens	4,042	3,707	3,173
meat birds	number	790,500	583,400	471,700
Bee products: honey, extracted	1,000 pounds	888	795	738
beeswax	1,000 pounds	13	17	12
Fruits, fresh (except pineapples)	1,000 pounds	13,400	15,250	13,650
Vegetables, fresh	1,000 pounds	45,965	46,695	47,050
Taro (for manufacture)	1,000 pounds	11,830	11,740	13,900
Coffee, green ^{6/}	1,000 pounds	7,500	4,300	5,900
Corn, field (shelled)	1,000 pounds	735	965	795
Macadamia nuts, unshelled	1,000 pounds	850	755	680
Rice, milled	1,000 pounds	745	710	725

^{1/} MARKETINGS OF COMMERCIAL PRODUCERS.

^{2/} SOME ESTIMATES REVISED.

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

^{4/} PINEAPPLE RESEARCH INSTITUTE ESTIMATES OF EXPORT PACKS, FISCAL YEAR ENDING MAY 31 OF YEAR GIVEN.

^{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 Hawaiian Agricultural Marketings, 5-Year Comparison, 1947-1951^{1/}

Commodity	1951	1950 ^{2/}	1949 ^{2/}	1948	1947
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Sugar and by-products ^{3/}	136,052	123,900	112,278	99,645	128,340
Pineapples, canned fruit and juice ^{4/}	100,000	88,000	75,000	75,000	70,000
Total sugar and pineapple products.....	236,052	211,900	187,278	174,645	198,340
<u>Livestock, poultry, and bee products</u>					
Beef products.....	8,325	7,221	7,068	7,509	6,049
Sheep products.....	70	74	84	66	37
Dairy products: milk and meat.....	7,897	6,832	6,408	6,441	5,778
Swine.....	3,470	3,003	3,113	3,376	3,194
Poultry products.....	4,846	3,457	4,082	3,837	3,437
Bee products.....	82	67	60	56	120
Total livestock and bee products.....	24,690	20,654	20,817	21,285	18,615
<u>Fruits and vegetables</u>					
Fruits, fresh (except pineapples).....	1,029	924	1,034	1,128	1,130
Vegetables, fresh.....	4,643	4,377	4,637	5,118	4,457
Taro (for manufacture).....	687	524	437	697	814
Total fruits and vegetables.....	6,359	5,825	6,108	6,943	6,401
<u>Miscellaneous crops</u>					
Coffee, green ^{5/}	3,660	1,793	1,569	1,825	1,746
Corn, field (shelled).....	40	48	54	28	49
Macadamia nuts, unshelled.....	144	128	115	119	117
Rice, milled.....	120	108	143	157	167
Total miscellaneous crops.....	3,964	2,077	1,881	2,129	2,079
Total agricultural products.....	271,065	240,456	216,084	205,002	225,435

^{1/} MARKETINGS OF COMMERCIAL PRODUCERS. VALUE BASED ON WHOLESALE, PROCESSING PLANT, OR F.O.B. ISLAND PORT PRICES.^{2/} SOME ESTIMATES REVISED.^{3/} HAWAIIAN SUGAR PLANTERS' ASSOCIATION ESTIMATES.^{4/} VALUE OF EXPORT PACK, PINEAPPLE RESEARCH INSTITUTE ESTIMATES, FISCAL YEAR ENDING MAY 31, OF YEAR GIVEN.^{5/} ESTIMATES FOR CROP YEAR ENDING JUNE 30 OF YEAR GIVEN.

Table 3.--Value of Hawaiian Agricultural Marketings, by Commodity and Island of Origin, 1951, with 1950 and 1949 Comparisons^{1/}

Commodity	Hawaii	Maui	Molokai & Lanai	Oahu	Kauai & Niihau	Territory		
						1951	1950	1949
	1,000 dollars					1,000 dollars		
Sugar and by-products ^{2/}	45,455	31,068	-	30,724	28,805	136,052	123,900	112,278
Pineapples, canned fruit and juice ^{3/}	500	17,100	43,700	29,600	9,100	100,000	88,000	75,000
Total sugar and pineapple products	45,955	48,168	43,700	60,324	37,905	236,052	211,900	187,278
Beef cattle:								
Meat, hides, tallow, and offal	5,273	1,571	314	399	768	8,325	7,221	7,068
Sheep:								
Wool, mutton, offal, and hides	304 ^{4/}	-	-	-	404 ^{4/}	70	74	84
Dairy:								
Milk, meat, hides, tallow, and offal	500	636	154 ^{4/}	6,484	262	7,897	6,832	6,408
Swine:								
Pork	373	194	67	2,670	166	3,470	3,003	3,113
Poultry: ^{5/}								
Eggs and meat	855	509	24	3,245	213	4,846	3,457	4,084
Honey, extracted; and beeswax	8	23	7	4	40	82	67	60
Total livestock and bee products	7,039	2,933	427	12,802	1,489	24,690	20,654	20,817
Fruits, fresh (except pineapples)	192	135	5	683	14	1,029	924	1,034
Vegetables, fresh	1,634	1,011	36	1,667	295	4,643	4,377	4,637
Taro (for manufacture)	161	68	30	302	126	687	524	437
Total fruits and vegetables	1,987	1,214	71	2,652	435	6,359	5,825	6,108
Coffee, green ^{6/}	3,660	-	-	-	-	3,660	1,793	1,569
Corn, field (shelled)	18	13	7	-	2	40	48	54
Macadamia nuts, unshelled	98	3	-	17	26	144	128	115
Rice, milled	-	-	-	-	120	120	108	143
Total miscellaneous crops	3,776	16	7	17	148	3,964	2,077	1,881
Total agricultural products	58,757	52,331	44,205	75,795	39,977	271,065	240,456	216,084

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

^{2/} HAWAIIAN SUGAR PLANTERS' ASSOCIATION ESTIMATES.

^{3/} PINEAPPLE RESEARCH INSTITUTE ESTIMATES, GROSS VALUE OF EXPORT PACK, FISCAL YEAR ENDING MAY 31 OF YEAR GIVEN, PRORATED BY ISLAND ON BASIS OF ACREAGE.

^{4/} DATA ROUNDED TO AVOID DISCLOSURE.

^{5/} INCLUDING QUANTITY CONSUMED AT HOME.

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

Table 4.--Volume of Hawaiian Agricultural Marketings by Commodities
and Island of Origin, 1951, with 1950 and 1949 Comparisons 1/

Commodity	Unit	Hawaii	Maui	Molokai & Lanai	Oahu	Kauai & Niihau	Territory		
							1951	1950 2/	1949 2/
Sugar (96° raw) 3/		332,689	227,328		224,853	210,889	995,759	960,961	995,890
Pineapples, canned fruit and juice 4/	1,000 cases	130	4,459	11,395	7,718	2,374	26,076	23,853	23,491
Livestock, poultry, and bee products									
Beef cattle	head	19,900	6,800	1,360	1,440	3,170	32,670	29,470	33,640
Dairy:									
Meat animals	head	230	370	-	2,350	120	3,070	3,390	4,430
Milk	1,000 quarts	2,336	2,884	73	31,938	1,205	38,436	35,624	31,735
Sheep	head	380 5/	-	-	-	820 5/	1,200	1,950	2,980
Wool	1,000 pounds	35 5/	-	-	-	30 5/	65	65	72
Swine 6/	head	7,200	3,500	1,200	45,100	3,200	60,200	53,400	44,300
Poultry: 1/									
Eggs	1,000 dozens	823	492	22	2,522	183	4,042	3,707	3,173
Meat birds	number	104,700	56,100	3,100	592,700	33,900	790,500	583,400	471,700
Bee products:									
Honey, extracted	1,000 pounds	85	248	78	36	441	888	795	738
Beeswax	1,000 pounds	2	4	1	2	4	13	17	12
Fruits and vegetables									
Fruits, fresh (except pineapples)	1,000 pounds	2,505	670	95	9,940	190	13,400	15,250	13,650
Vegetables, fresh	1,000 pounds	15,650	13,985	380	13,440	2,510	45,965	46,695	47,050
Taro (for manufacture)	1,000 pounds	2,150	1,350	500	5,300	2,530	11,830	11,740	13,900
Total fruits and vegetables		20,305	16,005	975	28,680	5,230	71,195	73,685	74,600
Miscellaneous crops									
Coffee, green 8/	1,000 pounds	7,500	-	-	-	-	7,500	4,300	5,900
Corn, field (shelled)	1,000 pounds	335	240	130	-	30	735	965	795
Macadamia nuts, unshelled	1,000 pounds	575	20	-	100	155	850	755	680
Rice, milled	1,000 pounds	-	-	-	-	745	745	710	725
Total miscellaneous crops		8,410	260	130	100	930	9,830	6,730	8,100

1/ MARKETINGS OF COMMERCIAL PRODUCERS.

2/ SOME ESTIMATES REVISED.

3/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION ESTIMATES.

4/ PINEAPPLE RESEARCH INSTITUTE ESTIMATES OF EXPORT PACKS, FISCAL
YEAR ENDING MAY 31 OF YEAR GIVEN, PRORATED BY ISLAND ON BASIS OF ACREAGE.

5/ DATA ROUNDED TO AVOID DISCLOSURE.

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

7/ INCLUDES QUANTITY CONSUMED AT HOME.

8/ CROP YEAR ENDING JUNE 30 OF YEAR GIVEN.

STATISTICS OF LAND UTILIZATION AND DIVERSIFIED FARMS
Table 5.—Territorial Land Utilization, 1951, 1950, and 1949

Commodity	1951	Percentage of total land area	1950 ^{1/}	Percentage of total land area	1949 ^{1/}	Percentage of total land area
<u>Diversified crops:^{2/}</u>	<u>Acres</u>	<u>Percent</u>	<u>Acres</u>	<u>Percent</u>	<u>Acres</u>	<u>Percent</u>
Coffee ^{3/}	3,500		3,500		3,500	
Corn, field ^{4/}	625		788		860	
Fruits, tree ^{3/}	1,712		1,978		1,803	
Nuts, macadamia ^{5/}	2,197		1,767		1,402	
Rice ^{4/}	166		194		210	
Taro ^{3/}	871		874		944	
Vegetables ^{4/}	4,703		5,389		5,064	
Total diversified crops ^{6/}	13,770	0.3	14,490	0.4	13,780	0.3
<u>Plantation crops:</u>						
Sugar cane ^{7/}	221,210		220,380		213,350	
Pineapples ^{8/}	73,600		70,720		68,000	
Total plantation crops	294,810	7.2	291,100	7.1	281,350	6.9
Total cultivated crops ^{6/}	308,580	7.5	305,590	7.5	295,130	7.2
<u>Other agricultural uses:</u>						
Ranges: beef and sheep ^{2/}	1,397,000		1,400,000		1,440,000	
Territorial forest reserves ^{10/}	1,210,156		1,211,833		1,066,840	
Total other ^{6/}	2,607,160	63.6	2,611,830	63.7	2,506,840	61.1
Total agricultural utilization	2,915,740	71.1	2,917,420	71.2	2,801,970	68.3
Total land area ^{11/}	4,099,840					

1/SOME ESTIMATES REVISED.

2/COMMERCIAL ACREAGE ONLY: SOME MINOR CROPS OMITTED.

3/AVERAGE ACREAGE DURING YEAR.

4/PLANTINGS FOR HARVEST DURING YEAR.

5/END-OF-YEAR ACREAGE.

6/ROUNDED 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/ 1950 CENSUS DATA.

Table 6.--Land Utilization by Islands, 1951

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/}
<u>Diversified crops: ^{2/}</u>										
Coffee ^{3/}	3,500		-		-		-		-	
Corn, field	312		218		80		-		15	
Fruits, tree ^{3/}	289		99		12		1,292		20	
Nuts, macadamia ^{4/}	1,476		276		2		180		263	
Rice ^{5/}	-		-		-		-		166	
Taro ^{3/}	153		95		50		411		162	
Vegetables ^{5/}	1,323		1,484		56		1,595		245	
Total diversified crops ^{6/}	7,050	0.3	2,170	0.4	200	0.1	3,480	1.0	870	0.2
<u>Plantation crops</u>										
Sugar cane ^{7/}	101,380		38,925		-		35,230		45,680	
Pineapples ^{8/}	400		12,600		32,100		21,800		6,700	
Total plantation crops	101,780	3.9	51,525	10.4	32,100	12.5	57,030	15.1	52,380	13.1
Total cultivated land ^{6/}	108,830	4.2	53,695	10.8	32,300	12.6	60,510	16.1	53,250	13.3
<u>Other agricultural uses:</u>										
Ranges: beef and sheep ^{9/}	991,000		150,000		93,000		29,000		134,000	
Territorial forest reserve ^{10/}	716,250		160,055		52,805		120,425		160,620	
Total other ^{6/}	1,707,250	66.3	310,055	62.8	145,805	56.8	149,425	39.6	294,620	73.9
Total agricultural utilization ^{6/}	1,816,080	70.5	363,750	73.6	178,105	69.4	209,935	55.7	347,870	87.2
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 1951 HARVEST.^{6/} ROUNDED TOTALS.^{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/} 1950 CENSUS DATA.

Table 7.--Number of Commercial Scale Agricultural Enterprises and
Total Number of Farms, 1951, with 1950 and 1949 Comparisons^{1/}

Commodity	Hawaii	Maui	Molokai and Lanai	Oahu	Kauai and Niihau	Territory		
						1951	1950	1949
Sugar cane	1,777	3	-	4	20	1,804	1,805	1,805
Pineapples	2	49	181	3	40	275	270	270
Total sugar cane and pineapples..	1,779	52	181	7	60	2,079	2,075	2,075
Beef cattle.....	188	87	20	17	48	360	343	329
Sheep	2	-	-	-	1	3	3	3
Dairy	19	7	1	43	4	74	75	74
Hogs	91	78	26	325	40	560	518	481
Poultry	146	36	5	193	20	400	429	442
Total livestock	446	208	52	578	113	1,397	1,368	1,329
Fruits and vegetables	397	320	27	681	97	1,522	1,446	1,453
Taro	86	72	13	86	57	314	304	314
Total fruits and vegetables	483	392	40	767	154	1,836	1,750	1,767
Coffee	705	-	-	-	-	705	700	703
Macadamia nuts	60	7	4	3	30	104	84	70
Rice	-	-	-	-	55	55	58	59
Honey	4	10	4	6	3	27	22	23
Total miscellaneous crops	769	17	8	9	88	891	864	855
Total commercial-scale enterprises	3,477	669	281	1,361	415	6,203	6,057	6,026
Total farms ^{2/}	3,132	603	262	1,231	318	5,546	5,415	5,390

^{1/} NUMBER OF DAIRY, HOG, AND POULTRY ENTERPRISES AS OF AUGUST 31, 1951; NUMBER OF ALL OTHER ENTERPRISES AS OF DECEMBER 31, 1951.

^{2/} IN "TOTAL FARMS" EACH FARM IS LISTED ONCE BY MAJOR ENTERPRISE.

TABLE 8.--WEIGHTED AVERAGE ANNUAL WHOLESALE PRICES OF LIVESTOCK, POULTRY,
AND BEE PRODUCTS, 1951, 1950, AND 1949^{1/}

Commodity	Unit	1951		1950		1949	
		Oahu	Outlying islands	Oahu	Outlying islands	Oahu	Outlying islands
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Beef cattle:							
Beef carcasses ^{2/}	pound	.50	.45	.48	.44	.448	.398
Offal, hide, and tallow ^{2/}	per beef animal	30.10	28.50	26.10	25.00	19.50	18.20
Dairy cattle and milk:							
Milk ^{3/}	quart	.19	.20	.18	.19	.18	.19
Mature dairy cattle carcasses ^{2/}	pound	.42	.40	.41	.36	.404	.355
Dairy calf carcasses ^{2/}	pound	.35	.32	.23	.23	.27	.22
Offal, hide, and tallow ^{2/}	per mature dairy animal	28.50	26.80	23.90	22.80	18.00	16.70
Offal and hide ^{2/}	per dairy calf	5.00	4.80	3.20	3.10	3.00	2.90
Sheep and wool:							
Mutton carcasses ^{2/}	pound	-	.31	-	.31	-	.30
Wool ^{4/}	pound	-	-	-	.65	-	.50
Offal and hide ^{2/}	per animal	-	1.55	-	1.20	-	1.05
Swine ^{5/}	liveweight, pound	.37	.37	.34	.34	.42	.42
Poultry and eggs:							
Eggs in cases	dozen	.83	.80	.67	.64	.92	.89
Hens and roosters sold for meat	liveweight, pound	.50	.49	.41	.42	.57	.58
Broilers, fryers, and roasters	liveweight, pound	.56	.55	.50	.52	.65	.67
Bee products:							
Honey ^{4/}	extracted, pound	.085	.085	.075	.075	.075	.075
Beeswax ^{4/}	pound	.52	.52	.41	.41	.38	.38

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

^{2/} SALES BY SLAUGHTERHOUSE.

^{3/} DELIVERED BOTTLING PLANT.

^{4/} F.A.S. ISLAND PORT.

^{5/} 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, 1951, with 1950 and 1949 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	19,900	10,547	4,706	567	5,273
Maui	6,800	3,060	1,377	194	1,571
Molokai	1,360	612	275	39	314
Oahu	1,440	691	356	43	399
Kauai and Niihau	3,170	1,506	678	90	768
Territory 1951	32,670	16,446	7,392	933	8,325
1950	29,470	14,682	6,482	739	7,221
1949	33,640	16,171	6,453	615	7,068

Table 10.--Ranches, Pasture Acreage, Number of Cattle, and Marketings 1951, with 1950 and 1949 Comparisons

Island	Number of ranches	Acreage used for pasture	Beef cattle on ranches December 31	Beef cattle marketed in 1951	Marketings as percentage of number of cattle on ranches	Pasture per head at end of year
	<u>Number</u>	<u>Acres</u>	<u>Number</u>	<u>Number</u>	<u>Percent</u>	<u>Acres</u>
Hawaii						
East	121	459,000	32,800	6,650	20	14.0
West	39	179,000	16,200	3,520	22	11.1
North	28	353,000	44,900	9,730	22	8.9
Total	188	991,000	93,900	19,900	21	11.1
Maui	87	150,000	26,500	6,800	26	5.7
Molokai	20	93,000	7,200	1,360	19	12.9
Oahu	17	29,000	5,300	1,440	27	5.6
Kauai and Niihau	48	134,000	14,000	3,170	23	9.6
Territory 1951	360	1,397,000	146,900	32,670	22	9.5
1950	343	1,400,000 1/	142,200	29,470	21	9.8
1949	316	1,440,000 1/	141,200	33,640	24	10.2

1/ REVISED ACREAGE.

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, 1951, 1950, and 1949

Island	Number of mature dairy cows, August 31			M i l k					
				Yearly production			Yearly value		
	1951	1950 ^{1/}	1949	1951	1950	1949	1951	1950	1949
				<u>1,000 quarts</u>			<u>1,000 dollars</u>		
Hawaii.....	850	820	850	2,336	2,411	2,558	467	458	486
Maui.....	1,000	1,020	990	2,884	2,728	2,759	577	524	524
Molokai ^{2/}	30	20	20	73	73	73	15	15	15
Oahu.....	8,670	7,520	6,400	31,938	28,936	25,031	6,068	5,208	4,506
Kauai.....	540	520	470	1,205	1,476	1,314	241	244	250
Territory									
1951.....	11,090			38,436			7,368		
1950.....		9,900			35,624			6,449	
1949.....			8,730			31,735			5,781

1/ REVISED ESTIMATES

2/ DATA ROUNDED TO AVOID DISCLOSURE.

Table 12.--Dairy Cattle and Calves Sold for Meat, 1951, with 1950 and 1949 Comparisons

Island	Number sold for meat	Dressed weight	Value at slaughterhouse		
			Dressed carcasses	Offal, hides and tallow	Total
			<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Hawaii.....	230	71	29	4	33
Maui.....	370	130	52	7	59
Molokai.....	-	-	-	-	-
Oahu.....	2,350	881	369	47	416
Kauai.....	120	48	19	2	21
Territory 1951.....	3,070	1,130	469	60	529
1950.....	3,390	876	339	44	383
1949.....	4,430	1,365	577	50	627

Table 13.--Number of Commercial Dairies in Territory, by Islands and Size of Herds, August 1951, with 1950 and 1949 Comparisons

Number of mature dairy cows per farm	Hawaii	Maui	Molokai	Oahu	Kauai	Territory		
	August 1951					August		
						1951	1950	1949
300 or more.....	-	-	-	6	-	6	6	4
150 to 299.....	1	3	-	8	2	14	12	14
50 to 149.....	5	3	-	22	1	31	28	28
10 to 49.....	13	1	1	7	1	23	29	28
Territory								
1951.....	19	7	1	43	4	74		
1950.....	22	7	1	41	4		75	
1949.....	24	7	1	38	4			74

Table 14.--Number of Mature Dairy Cows, by Islands and Months, and Average for 1951

Island	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average 1951	Cows milking ^{1/} Percent
Hawaii.....	840	850	840	840	830	860	850	850	860	840	850	860	850	74
Maui.....	1,010	1,010	1,020	1,030	1,010	970	1,020	1,000	1,010	980	1,010	1,020	1,010	68
Molokai ^{2/}	20	30	30	20	30	30	30	30	30	20	30	30	30	-
Oahu.....	7,690	7,760	7,960	7,980	8,160	8,370	8,550	8,670	9,100	9,140	9,090	9,340	8,480	76
Kauai.....	470	480	490	490	500	510	530	540	540	530	520	510	510	72
Total.....	10,030	10,130	10,340	10,360	10,530	10,740	10,980	11,080	11,540	11,510	11,500	11,760	10,880	74

^{1/} AS PERCENTAGE OF ALL COWS.

^{2/} DATA ROUNDED TO AVOID DISCLOSURE.

Table. 15.--Average Daily Milk Production in 1951, by Islands and Months, and Yearly Average for 1951, 1950, and 1949

Island	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average		
													1951	1950	1949
	1,000 Quarts												1,000 Quarts		
Hawaii.....	6.1	6.2	6.2	6.3	6.5	6.6	6.8	6.5	6.2	6.4	6.5	7.0	6.4	6.6	7.0
Maui.....	7.3	7.6	7.6	7.8	8.1	8.2	8.0	8.0	7.9	7.9	8.2	8.1	7.9	7.5	7.6
Molokai ^{1/}	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Oahu.....	79.6	82.0	83.0	85.4	87.1	91.5	100.5	91.1	90.5	85.4	84.1	88.7	87.5	79.3	68.6
Kauai.....	3.2	3.2	3.3	3.3	3.2	3.3	3.4	3.4	3.3	3.2	3.3	3.4	3.3	4.0	3.6
Territory															
1951.....	96.4	99.2	100.3	103.0	105.1	109.8	118.9	109.2	108.1	103.1	102.3	107.7	105.6		
1950.....	91.6	94.9	99.2	100.7	103.1	103.3	98.8	96.8	96.2	97.7	95.1	93.7		97.6	
1949.....	86.1	86.3	90.3	93.2	90.6	88.7	87.1	84.3	83.5	83.9	83.4	85.9			87.0

^{1/} DATA ROUNDED TO AVOID DISCLOSURE.

Table 16.--Average Daily Milk Production per Cow in 1951, by Islands and Months, and Average for 1951, 1950, and 1949

Island	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average		
													1951	1950	1949
						Quarts							Quarts		
Hawaii.....	7.3	7.3	7.4	7.5	7.8	7.7	8.0	7.6	7.2	7.6	7.6	8.1	7.6	7.8	8.1
Maui.....	7.2	7.5	7.5	7.6	8.0	8.5	7.8	8.0	7.8	8.1	8.1	7.9	7.8	7.2	7.4
Oahu.....	10.4	10.6	10.4	10.7	10.7	10.9	11.7	10.5	9.9	9.3	9.3	9.5	10.3	10.9	10.2
Kauai.....	6.8	6.7	6.7	6.7	6.4	6.5	6.4	6.3	6.1	6.1	6.3	6.7	6.5	8.2	7.8
Territory															
1951 ^{1/}	9.4	9.8	9.7	9.9	10.0	10.1	10.8	9.9	9.4	9.0	8.9	9.2	9.7		
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

^{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 17.--Swine Slaughtered or Marketed for Slaughter in 1951, by Islands,
with 1950 and 1949 Comparisons

Island	Number ^{1/}	Average live weight per animal	Total live weight	Value delivered slaughterhouse
		Pounds	1,000 pounds	1,000 dollars
Hawaii	7,200	140	1,008	373
Maui	3,500	150	525	194
Molokai	1,200	150	180	67
Oahu	45,100	160	7,216	2,670
Kauai	3,200	140	448	166
Territory 1951	60,200	154	9,377	3,470
1950	53,400	163	8,829	3,003
1949	44,300	167	7,413	3,113

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

Table 18.--Number of Commercial Swine Farms by Islands and Size of Herd,
August 1951, with 1950 and 1949 Comparisons

Number of swine, all ages, per farm	N u m b e r o f f a r m s					T e r r i t o r y		
	Hawaii	Maui	Molokai	Oahu	Kauai			
						1951	1950	1949
500 or over	--	--	--	13	-	13	15	3
300 to 499	2	2	-	30	1	35	25	9
100 to 299	20	10	3	142	6	181	159	119
10 to 99	69	66	23	140	33	331	319	350
Total 1951	91	78	26	325	40	560		
1950	76	76	30	292	44		518	
1949	69	69	30	269	44			481

Table 19.--Swine Statistics Based on August 1951 Survey, by Islands,
with 1950 and 1949 Comparisons

Island	Swine on farms on August 31, 1951						Farrowing data for August 1951	
	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	6,700	1,610	900	110	4,080	5,090	160	7.4
Maui	4,650	1,150	650	90	2,760	3,500	140	7.1
Molokai	1,280	290	190	20	780	990	40	6.2
Oahu	52,410	11,910	7,560	800	32,140	40,500	1,120	6.1
Kauai	3,170	880	440	70	1,780	2,290	70	7.9
Territory 1951.....	68,210	15,840	9,740	1,090	41,540	52,370	1,530	6.4
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

^{1/} KEPT FOR BREEDING PURPOSES.

Table 20.--Number of Swine and Farrowings Classified by Size of Herd in August 1951

Number of swine, all ages, per farm	Swine on farms on August 31, 1951						Farrowing data for August 1951	
	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.....	11,190	1,640	1,240	110	8,200	9,550	140	4.8
300 to 499.....	13,190	2,840	1,790	170	8,390	10,350	280	5.8
100 to 299.....	30,120	7,630	4,450	440	17,600	22,490	700	6.8
10 to 99.....	13,710	3,730	2,260	370	7,350	9,980	410	6.4
Territory.....	68,210	15,840	9,740	1,090	41,540	52,370	1,530	6.4

^{1/} KEPT FOR BREEDING PURPOSES.

Table 21.--SHEEP STATISTICS, 1951, 1950, AND 1949

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 Value 1/	Mutton		Wool		Total Value of Sheep Products
						Dressed weight	Value 1/	Production	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>
1951	3	76,000 3/	13,500	1,200	2	55	17	65	52	71
1950	3	76,000 3/	13,000	1,950	2	98	30	65	42	74
1949	3	76,000 3/	13,500	2,980	3	149	45	72	36	84

1/ AT SLAUGHTERHOUSE.

2/ F.A.S. ISLAND PORT.

3/ 46,000 ACRES OF PASTURE LAND USED FOR BOTH SHEEP AND BEEF CATTLE.

STATISTICS OF COMMERCIAL POULTRY FARMS

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

Table 22.--Production and Wholesale Value of Poultry Products,
by Islands, 1951, with 1950 and 1949 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
	<u>1,000 dozens</u>	<u>1,000 dollars</u>	<u>1,000 birds</u>	<u>1,000 pounds</u>	<u>1,000 dollars</u>
Hawaii	823	658	104.7	369	197
Maui	492	394	56.1	224	115
Molokai	22	18	3.1	11	6
Oahu	2,522	2,093	592.7	2,125	1,152
Kauai	183	146	33.9	127	67
Territory 1951	4,042	3,309	790.5	2,856	1,537
1950	3,707	2,442	583.4	2,132	1,015
1949	3,173	2,987	471.7	1,765	1,097

1/ INCLUDES EGGS AND MEATBIRDS CONSUMED AT HOME AND FOR HATCHING.

Table 23.--Number of Commercial Poultry Farms in Territory, by Islands and Size of Flock,
August 1951, with 1950 and 1949 Comparisons

Size of flock	Hawaii	Maui	Molokai	Oahu	Kauai	T e r r i t o r y		
						1951	1950	1949
<u>Number of layers</u>								
<u>on farm:</u>								
3,000 and over.....	-	3	-	13	1	17	13	12
1,500 to 2,999.....	7	1	-	26	2	36	35	21
500 to 1,499.....	30	9	1	69	9	118	108	107
100 to 499.....	107	23	4	66	7	207	257	277
<u>Number of meatbirds</u>								
<u>on farm:</u>								
100 and over.....	2	-	-	19	1	22	16	25
Total 1951.....	146	36	5	193	20	400		
1950.....	166	40	5	196	22		429	
1949.....	169	37	5	208	23			442

Table 24.--Number of Chickens of All Ages in 1951, by Islands and Months,
with 1950 and 1949 Comparisons^{1/}

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.
Hawaii	108,400	114,700	103,500	98,600	96,500	90,300
Maui	63,500	67,400	63,800	59,300	58,900	53,500
Molokai	3,300	3,600	3,600	3,100	2,800	2,600
Oahu	472,000	473,700	485,200	485,000	454,600	493,500
Kauai	31,000	30,300	33,600	34,000	31,600	27,000
Territory 1951	678,200	689,700	689,700	680,000	644,400	666,900
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

^{1/} INCLUDES COCKERELS AND ROOSTERS.

Table 25.--Number of Layers in 1951, by Islands and Months, with 1950 and 1949 Comparisons

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.
Hawaii.....	55,600	53,500	53,900	55,200	52,200	58,000
Maui.....	31,000	30,500	33,300	36,000	36,400	29,400
Molokai.....	1,800	1,900	2,000	2,100	2,200	1,900
Oahu.....	193,000	193,800	197,600	202,700	206,800	205,600
Kauai.....	12,600	12,100	12,500	16,100	16,000	14,000
Territory 1951.....	294,000	291,800	299,300	312,100	319,600	302,900
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

Table 26.--Number of Pullets 6 Weeks to Laying Age in 1951, by Islands and Months, with 1950 and 1949 Comparisons

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.
Hawaii.....	16,000	29,500	23,800	18,600	14,200	10,000
Maui.....	14,400	20,700	18,500	12,500	11,400	14,100
Molokai.....	400	800	1,000	800	300	300
Oahu.....	62,900	79,400	88,600	84,400	63,200	91,500
Kauai.....	5,800	6,500	9,600	6,600	5,400	3,800
Territory 1951.....	99,500	136,900	141,500	122,900	94,500	119,700
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

Table 27.--Number of Baby Chicks up to 6 Weeks Old in 1951, by Islands and Months, with 1950 and 1949 Comparisons

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.
Hawaii	27,000	21,400	16,500	15,800	15,400	14,200
Maui	15,600	13,500	9,400	8,400	8,700	7,900
Molokai	1,000	800	500	200	200	300
Oahu	126,400	110,500	106,800	105,200	98,200	104,500
Kauai	8,300	7,500	6,800	6,600	5,800	5,400
Territory 1951	178,300	153,700	140,000	136,200	128,300	132,300
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

Table 28.--Egg Production in 1951, by Islands and Months, with 1950 and 1949 Comparisons^{1/}

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.
			1,000 dozens			
Hawaii	68.4	71.5	70.5	66.1	67.8	67.2
Maui	41.3	43.8	40.8	41.9	41.4	36.9
Molokai	1.8	2.0	1.8	1.7	1.7	1.8
Oahu	202.2	219.1	215.7	205.4	202.5	216.3
Kauai	15.9	14.5	15.1	16.0	15.0	14.9
Territory 1951	329.6	350.9	343.9	331.1	328.4	337.1
1950	310.8	318.4	305.6	326.1	287.0	305.2
1949	285.5	292.9	258.2	255.7	241.5	255.4

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

Table 29.--Eggs Laid per Layer per Month and Total for 1951 by Islands,
with 1950 and 1949 Comparisons

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.	Total for year	Average per month
	Number of eggs						Number of eggs	Number of eggs
Hawaii	14.8	16.0	15.7	14.4	14.0	14.0	177.8	14.8
Maui	16.0	17.2	14.7	14.0	13.6	15.1	181.1	15.1
Molokai	12.0	12.6	10.8	9.7	9.3	11.4	131.6	11.0
Oahu	12.8	13.0	13.1	12.2	11.7	12.6	151.2	12.6
Kauai	15.1	14.4	14.5	11.9	11.2	12.8	159.8	13.3
Territory 1951	13.5	15.3	13.6	12.7	12.0	13.1	159.4	13.3
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

Table 30.--Miscellaneous Poultry Statistics in 1951 by Islands, with 1950 and 1949 Comparisons

Island	Average number of layers and egg production in 1951				August 1951 survey statistics					
	Average number of layers in 1951		Average monthly egg production in 1951		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/}		Total	Average per farm
Hawaii	55,700	18.4	68,600	20.4	55,200	28,200	51.1	8,900	2,970	20.3
Maui	32,800	10.7	41,000	12.0	36,000	22,500	62.5	2,400	800	22.2
Molokai	2,000	0.7	1,800	0.6	2,100	1,000	47.6	100	120	24.0
Oahu	199,900	65.7	210,200	62.5	202,700	122,900	60.6	92,700	4,730	24.5
Kauai	13,900	4.5	15,200	4.5	16,100	9,200	57.1	4,700	530	26.5
Territory 1951	302,900	100.0	336,800	100.0	312,100	183,800	58.9	108,800	9,150	22.9
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

1/ AUGUST 31, 1951.

2/ INCLUDE ROOSTERS AND COCKERELS 6 WEEKS OLD OR OVER.

3/ MONTH OF AUGUST 1951.

4/ PERCENTAGE OF TERRITORIAL TOTAL.

5/ PULLETS LAYING AGE TO 18 MONTHS AS PERCENTAGE OF BIRDS
OF ALL AGES IN LAYING FLOCK.

Table 31.--Number of Chickens and Production of Poultry Products by Size of Flock, August 1951

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	204,200	100,000	38,300	34,400	31,500	111,400	64,400
1,500 to 2,999	114,800	66,500	22,200	16,200	9,900	65,100	32,000
500 to 1,499	190,000	92,000	36,300	36,600	25,100	99,200	68,900
100 to 499	87,600	45,100	16,600	14,100	11,800	51,100	32,200
<u>Number of meatbirds on farm:</u>							
100 and over	83,400	8,500	9,500	34,900	30,500	3,300	64,700
Territory	680,000	312,100	122,900	136,200	108,800	331,100	262,200

1/ AUGUST 31, 1951.

2/ INCLUDE COCKERELS 6 WEEKS OLD OR OVER, AND ROOSTERS.

3/ MONTH OF AUGUST 1951.

Table 32.--STATISTICS OF HONEY AND BEESWAX, 1951, WITH 1950 AND 1949 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	4	7	528	160	85	7.2	1.8	0.9	8.1
Maui	10	12	1,489	167	248	21.1	4.0	2.1	23.2
Molokai and Lanai ..	4	4	830 ^{2/}	94	78	6.6	1.3	0.7	7.3
Oahu	6	11	1,426	25	36	3.2	1.5	0.8	4.0
Kauai and Niihau	3	4	5,780 ^{2/}	68	441	37.5	4.1	2.1	39.6
Territory 1951	27	38	10,053	88	888	75.6	12.7	6.6	82.2
1950	22	35	8,900 ^{2/}	89	795	59.7	17.1	7.0	67.7
1949	23	30	8,500 ^{2/}	87	738	55.4	11.7	4.4	59.4

^{1/} EXTRACTED, IN 5-GALLON CANS.

^{2/} DATA ROUNDED TO AVOID DISCLOSURE.

STATISTICS OF FRUITS, VEGETABLES, AND MISCELLANEOUS CROPS

Table 33.--Average Annual Yield Per Acre of Specified Crops, 1951, 1950, and 1949

Commodity	Territory			Hawaii			Maui			Molokai			Oahu			Kauai		
	1951	1950	1949	1951	1950	1949	1951	1950	1949	1951	1950	1949	1951	1950	1949	1951	1950	1949
Fruits	<u>1,000 pounds</u>			<u>1,000 pounds</u>			<u>1,000 pounds</u>			<u>1,000 pounds</u>			<u>1,000 pounds</u>			<u>1,000 pounds</u>		
Avocados	6.4	6.2	4.6	6.5	6.3	5.8	5.3	4.7	5.0	-	-	-	-	8.3 ^{1/}	1.3	6.7	5.8	6.7
Bananas ^{2/}	6.1	5.7	6.0	8.2	5.8	11.3	6.7	6.3	6.5	6.0	6.2	7.5	6.0	5.6	5.7	9.4	9.3	10.8
Oranges	-	-	-	10.4	8.3	16.0	-	-	-	-	-	-	-	-	-	-	-	-
Papayas	16.3	17.5 ^{3/}	16.1 ^{3/}	17.1	18.1 ^{3/}	18.9 ^{3/}	13.5	10.0 ^{3/}	10.7 ^{3/}	12.0	12.5 ^{3/}	12.5 ^{3/}	16.3	17.7 ^{3/}	16.1 ^{3/}	16.2	16.7 ^{3/}	17.5 ^{3/}
Tangerines	-	-	-	12.3	8.2	12.3	-	-	-	-	-	-	-	-	-	-	-	-
Vegetables																		
Beans, snap	7.7	6.2	6.8	7.6	7.1	9.5	7.5	5.8	6.0	5.8	7.0	6.7	7.8	5.9	6.1	7.8	7.9	9.0
Beets	9.2	10.8	12.7	12.0	10.0	13.3	7.5	15.0	15.0	-	-	-	10.0	10.0	11.7	-	-	-
Broccoli	4.5	4.2	4.3	3.8	4.2	4.6	5.8	4.7	5.3	-	-	-	4.4	3.8	3.6	-	-	-
Burdock	-	-	-	15.2	15.5	-	7.5	8.0	-	-	-	-	-	-	-	-	-	-
Cabbage, head	14.2	12.7	13.3	16.4	13.0	16.2	13.8	12.7	12.5	8.0	7.5	-	16.0	12.0	13.2	10.2	12.8	10.0
Cabbage, oriental	8.6	8.2	9.0	9.8	10.2	12.0	7.8	7.4	9.3	-	-	-	8.4	7.6	8.1	8.8	9.4	8.3
Carrots	8.8	8.1	9.6	7.8	7.3	8.8	9.3	8.5	9.9	6.7	6.2	-	8.8	9.6	12.0	10.0	7.0	8.3
Cauliflower	-	5.2	6.4	-	4.0	5.0	8.1	5.3	6.7	-	-	-	-	-	5.7	-	-	-
Celery	26.1	29.4	35.4	28.2	30.4	42.2	20.0	25.0	20.0	-	-	-	17.5	25.0	20.0	-	-	-
Corn, green	4.0	4.2	4.2	3.5	4.0	4.4	3.8	4.1	3.4	5.0	5.7	-	3.7	4.0	4.2	6.1	5.0	6.5
Cucumbers	10.0	8.9	8.1	14.1	12.7	12.7	8.1	7.2	5.2	8.3	8.3	-	7.3	6.3	6.0	11.8	8.8	9.0
Daikon	13.8	14.2	14.1	13.4	13.8	14.2	14.6	15.8	13.5	-	-	-	15.9	15.9	14.2	12.5	10.0	10.0
Dasheens	11.1	11.4	10.3	11.9	13.3	13.3	10.0	10.0	10.0	-	-	-	8.8	8.6	5.8	11.0	9.0	11.7
Eggplant	13.2	13.4	14.8	12.1	11.7	12.0	11.2	12.5	12.5	12.0	11.7	13.3	14.6	14.7	16.7	11.3	12.5	10.0
Ginger root	27.9	35.9	-	28.6	38.5	-	25.0	25.0	-	-	-	-	-	-	-	25.0	25.0	-
Lettuce	9.8	9.0	10.0	9.8	8.7	9.7	8.6	6.1	6.9	-	-	-	11.7	12.5	13.3	6.0	6.2	6.3
Lotus root	-	-	-	-	-	-	10.0	-	-	-	-	-	6.6	7.5	6.4	-	-	-

continued

Table 33.--Continued

Commodity	Territory			Hawaii			Maui			Molokai			Oahu			Kauai		
	1951	1950	1949	1951	1950	1949	1951	1950	1949	1951	1950	1949	1951	1950	1949	1951	1950	1949
	1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds		
Vegetables--Contd.																		
Onions, dry	-	-	-	-	-	-	7.5	7.3	10.8	-	-	-	-	-	-	-	-	-
Onions, green	11.3	15.9	14.1	8.0	10.0 ^{4/}	10.0 ^{4/}	8.8	10.0 ^{4/}	10.0 ^{4/}	-	-	-	12.0	12.4 ^{4/}	13.7	-	10.0	12.5
Peppers, sweet	7.1	6.4	6.9	6.9	7.3	8.7	8.9	6.1	4.5	-	-	-	6.7	5.6	7.2	7.3	7.9	7.5
Potatoes	-	4.9	5.5	3.6	3.7	5.0	5.0	5.1	5.4	-	-	7.5	-	5.7	7.5	-	-	-
Pumpkins	9.9	9.3	9.8	9.2	8.3	10.0	10.0	10.0	10.0	-	-	-	10.0	8.0	8.6	-	-	-
Squash, summer and Italian	-	-	-	12.5	10.3	12.0	-	-	-	-	-	-	-	-	-	-	-	-
Sweetpotatoes	7.2	7.0	6.8	11.6	9.0	9.8	6.9	6.9	6.4	6.3	6.7	6.3	5.8	6.3	5.6	8.5	9.5	10.0
Taro (for mfr.)	13.6	13.4	14.7	14.1	15.8	13.2	14.2	15.4	14.9	10.0	10.0	10.3	12.9	12.4	14.3	15.6	13.3	18.3
Tomatoes	9.8	8.2	10.0	13.0	12.3	13.6	7.9	7.0	9.5	7.9	8.3	8.3	9.5	8.0	8.9	12.1	8.8	12.3
Watercress	52.0	50.7	49.3	23.3	30.0	40.0	50.0	40.0	40.0	-	-	-	59.0	56.7	54.2	22.5	20.0	-
Watermelons	6.5	5.5	6.0	9.3	5.8	6.9	6.0	6.7	6.7	5.0	3.4	2.5	6.3	5.1	5.5	8.5	10.8	10.7
Yam bean root	18.5	20.0	-	17.5	20.0	-	-	-	-	-	-	-	14.0	17.5	-	26.7	22.0	-
Misc. crops																		
Coffee, green	-	-	-	2.1	1.2	1.4	-	-	-	-	-	-	-	-	-	-	-	-
Corn, field ^{5/}	1.2	1.2	0.9	1.1	0.8	0.9	1.1	1.3	1.3	1.6	2.7	0.9	-	-	-	2.0	3.0	0.8
Macadamia nuts ^{6/}	1.0	0.9	0.8	0.9	0.8	0.8	1.4	1.8	1.4	-	-	-	0.9	0.8	0.4	2.0	1.8	1.5
Rice, milled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	3.7 ^{4/}	3.5

1/ INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

2/ COOKING BANANAS NOT INCLUDED.

3/ REVISED YIELDS, BASED ON BEARING ACREAGE.

4/ REVISED YIELDS.

5/ SHELLED.

6/ UNSHELLED, BASED ON BEARING ACREAGE.

Table 34.--Average Wholesale Prices of Fruits, Vegetables,
and Miscellaneous Crops for 1951^{1/}

Commodity	Hawaii	Maui	Molokai	Oahu	Kauai
<u>Fruits</u>	<u>Cents per pound</u>				
Avocados	8.9	9.9	-	-	8.9
Bananas	6.3	6.6	6.6	8.1	6.6
Bananas, cooking	8.0	-	-	-	-
Oranges	5.0	-	-	-	-
Papayas	5.4	5.4	5.4	5.6	5.4
Tangerines	13.5	-	-	-	-
<u>Vegetables</u>					
Beans, snap	15.5	15.5	15.5	17.8	15.5
Beets	-	5.0	-	5.5	-
Broccoli	19.5	19.5	-	21.7	-
Burdock	21.0	21.0	-	-	-
Cabbage, head	3.8	3.8	3.8	5.2	3.8
Cabbage, oriental	11.2	11.2	-	13.1	11.7
Carrots	5.3	5.3	5.3	7.5	5.7
Cauliflower	-	15.0	-	-	-
Celery	10.4	10.4	-	12.5	-
Corn, green	6.8	6.8	6.8	8.1	6.8
Cucumbers	12.1	12.1	12.1	14.2	12.1
Daikon	5.4	5.4	-	6.2	5.4
Dasheens	18.1	18.1	-	22.1	18.1
Eggplant	11.9	11.9	11.9	12.4	11.9
Ginger root	50.0	50.0	-	-	50.0
Lettuce	12.6	12.6	-	13.6	12.6
Lotus root	-	24.5	-	25.5	-
Onions, dry	-	7.3	-	-	-
Onions, green	15.2	15.2	-	16.2	-
Peppers, sweet	25.1	25.1	-	27.1	25.1

Continued

Table 34.--Continued

Commodity	Hawaii	Maui	Molokai	Oahu	Kauai
Cents per pound					
<u>Vegetables--Contd.</u>					
Potatoes	4.5	4.5	-	-	-
Pumpkins	7.5	7.5	-	9.0	-
Squash, summer and Italian	16.0	-	-	-	-
Squash, miscellaneous ^{2/}	8.0	-	-	8.0	-
Sweetpotatoes	6.5	6.5	6.5	8.0	6.5
Taro (for mfr.) ^{3/}	7.5	5.0	6.0	5.7	5.0
Tomatoes	14.8	14.8	14.8	16.2	14.8
Watercress	9.0	9.0	-	10.0	9.0
Watermelons	6.5	6.5	6.5	9.4	6.5
Yam bean root	12.9	-	-	14.4	12.7
<u>Miscellaneous crops</u>					
Coffee, green ^{4/}	48.8	-	-	-	-
Corn, field (shelled)	5.5	5.5	5.5	-	5.5
Macadamia nuts, unshelled	17.0	17.0	-	17.0	17.0
Rice, milled ^{5/}	-	-	-	-	16.1

^{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 35.--Acreage, Production, and Wholesale Value of Hawaiian Diversified Crops, 1951, 1950, and 1949^{1/}

Commodity	Acreage			Production			Value		
	1951	1950	1949	1951	1950	1949	1951	1950 2/	1949 2/
	Acres			1,000 pounds			1,000 dollars		
Fruits 3/									
Avocados	160	170	217	1,020	1,050 4/	980	181	97	92
Bananas 5/	984	1,011	1,012	6,085	5,870	6,115	480	455	496
Oranges	24	24	25	250	200	400	12	15	36
Papayas: Bearing	355	453	366	5,775	7,950	5,885	320	321	383
Non-bearing	167	298	161						
Tangerines	22	22	22	270	180	270	36	36	27
Total fruits	1,712	1,978	1,803	13,400	15,250	13,650	1,029	924	1,034
Vegetables									
Beans, snap	237	326	288	1,820	2,015	1,955	299	273	261
Beets 6/	12	12	11	110	130	140	6	6	7
Broccoli	49	77	74	220	320	315	45	49	51
Burdock	51	47	51	745	690	570	156	148	130
Cabbage, head	612	714	555	8,700	7,790	7,385	319	271	344
Cabbage, oriental	361	412	316	3,090	3,350	2,850	371	347	300
Carrots 6/	159	210	213	1,395	1,700	2,035	75	81	149
Cauliflower	31	52	56	250	270	360	38	50	63
Celery	14	17	13	365	500	460	38	45	95
Corn, green	224	309	296	890	1,285	1,240	68	77	79
Cucumbers	384	371	391	3,855	3,285	3,170	466	391	326
Daikon 6/	310	285	272	4,280	4,040	3,835	229	172	175
Dasheens	36	33	37	400	375	380	74	58	63
Eggplant	51	50	50	675	680	740	81	70	73
Ginger root	14	16	18	390	575	690	195	149	124
Lettuce	342	323	344	3,355	2,915	3,425	420	361	406
Lotus root	61	51	48	405	385	315	103	95	78
Onions, dry	78	120	30	595	875	325	43	38	39
Onions, green	46	41	44	520	490	575	83	66	63
Peppers, sweet	71	82	97	505	525	670	131	108	161

continued

Table 35.--Continued

Commodity	Acreage			Production			Value		
	1951	1950	1949	1951	1950	1949	1951	1950	1949
	<u>Acres</u>			<u>1,000 pounds</u>			<u>1,000 dollars</u>		
Vegetables--Contd.									
Potatoes	135	131	64	630	645	355	28	43	26
Pumpkins	45	29	41	445	270	400	34	21	31
Squash, summer and Italian	18	39	25	225	400	300	36	54	36
Squash, miscellaneous	15	22	28	180	250	360	15	24	25
Sweetpotatoes	139	209	211	1,000	1,455	1,445	70	70	127
Taro (for mfr.)	871	874	944	11,830	11,740	13,900	687	524	437
Tomatoes	519	603	601	5,090	4,960	6,005	702	733	732
Watercress	27	30	30	1,405	1,520	1,480	138	150	184
Watermelons	652	867	839	4,240	4,780	5,005	355	403	454
Yam bean root	10	11	21	185	220	265	25	19	35
Total vegetables	5,574	6,263	6,008	57,795	58,435	60,950	5,330	4,901	5,074
Total fruits and vegetables	7,286	8,241	7,811	71,195	73,685	74,600	6,359	5,825	6,108
Miscellaneous crops									
Coffee, green ^{1/}	3,500	3,500	3,500	7,500	4,300	5,900	3,660	1,793	1,569
Corn, shelled	625	788	860	735	965	795	40	48	54
Macadamia nuts, unshelled:									
Bearing	863	808	808	850	755	680	144	128	115
Non-bearing	1,334	959	594	-	-	-	-	-	-
Rice, milled	166	194	210	745	710	725	120	108	143
Total miscellaneous crops	6,488	6,249	5,972	9,830	6,730	8,100	3,964	2,077	1,881
Total diversified crops	13,774	14,490	13,783	81,025	80,415	82,700	10,323	7,902	7,989

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 YEAR GIVEN.

TABLE 36.--ACREAGE, PRODUCTION, AND WHOLESALE VALUE OF HAWAIIAN DIVERSIFIED CROPS, BY ISLAND OF ORIGIN,
1951, WITH 1950 AND 1949 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	135	880	78	19	100	99	-	-	-	-	-	-	6	40	4
BANANAS	36	295	19	65	435	29	6	35	2	848	5,075	411	9	85	6
BANANAS, COOKING	20	160	13	-	-	-	-	-	-	-	-	-	-	-	-
ORANGES	24	250	12	-	-	-	-	-	-	-	-	-	-	-	-
PAPAYAS:															
BEARING	38	650	34	10	135	7	5	60	3	298	4,865	272	4	65	4
NON-BEARING	14	-	-	5	-	-	1	-	-	146	-	-	1	-	-
TANGERINES	22	270	36	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL FRUITS 1951	289	2,505	192	99	670	135	12	95	5	1,292	9,940	683	20	190	14
1950	287	2,220	189	98	590	40	7	50	3	1,558	12,125	676	28	265	16
1949	277	2,550	204	96	635	46	4	40	3	1,400	10,175	762	26	250	19
VEGETABLES															
BEANS, SNAP	43	325	49	40	300	46	6	35	5	132	1,035	180	16	125	19
BEETS2/	-	-	-	4	30	2	-	-	-	8	80	4	-	-	-
BROCCOLI	20	75	15	13	75	15	-	-	-	16	70	15	-	-	-
BURDOCK	47	715	150	4	30	6	-	-	-	-	-	-	-	-	-
CABBAGE, HEAD	128	2,100	76	436	6,000	215	5	40	2	21	335	17	22	225	9
CABBAGE, ORIENTAL	88	860	95	92	715	80	-	-	-	173	1,445	188	8	70	8
CARROTS2/	49	380	20	101	940	50	3	20	1	4	35	3	2	20	1
CAULIFLOWER	-	-	-	31	250	38	-	-	-	-	-	-	-	-	-
CELERY	11	310	32	1	20	2	-	-	-	2	35	4	-	-	-
CORN, GREEN	20	70	5	41	155	11	5	25	2	135	506	140	23	140	10
CUCUMBERS	126	1,775	201	84	680	76	3	25	3	144	1,055	147	27	320	39
DAIKON2/	249	3,335	173	14	205	11	-	-	-	45	715	44	2	25	1
DASHEENS	21	250	45	6	60	11	-	-	-	4	35	8	5	55	10
EGGPLANT	12	145	17	4	45	5	5	60	7	26	380	47	4	45	5
GINGER ROOT	11	315	158	2	50	25	-	-	-	-	-	-	1	25	12
LETTUCE	246	2,400	295	45	385	48	-	-	-	46	540	73	5	30	4
LOTUS ROOT	-	-	-	1	10	2	-	-	-	60	395	101	-	-	-
ONIONS, DRY	-	-	-	78	595	43	-	-	-	-	-	-	-	-	-
ONIONS, GREEN	5	40	6	4	35	5	-	-	-	37	445	72	-	-	-
PEPPERS, SWEET	18	125	31	9	80	20	-	-	-	33	220	60	11	80	20
POTATOES	33	120	5	102	510	23	-	-	-	-	-	-	-	-	-
PUMPKINS	6	55	4	32	320	24	-	-	-	7	70	6	-	-	-
SQUASH, SUM. & ITALIAN	18	225	36	-	-	-	-	-	-	-	-	-	-	-	-
SQUASH, MISC.	7	60	5	-	-	-	-	-	-	8	120	10	-	-	-
SWEETPOTATOES	19	220	14	23	160	10	8	50	3	69	400	32	20	170	11
TARO (FOR MANUFACTURE)	153	2,150	161	95	1,350	68	50	500	30	411	5,300	302	162	2,530	126
TOMATOES	91	1,180	161	203	1,605	195	7	55	8	148	1,400	215	70	850	119

CONTINUED

TABLE 36.--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	3	70	6	1	50	4	-	-	-	21	1,240	124	2	45	4
WATERMELONS	50	465	30	113	680	44	14	70	5	451	2,820	263	24	205	13
YAM BEAN ROOT	2	95	5	-	-	-	-	-	-	5	70	10	3	80	10
TOTAL VEGETABLES 1951	1,476	17,800	1,795	1,579	15,335	1,079	106	880	66	2,006	18,740	1,969	407	5,040	421
1950	1,530	17,575	1,570	1,647	14,375	989	96	700	45	2,559	21,130	1,984	431	4,655	319
1949	1,420	17,340	1,534	1,540	14,360	1,103	65	580	35	2,536	22,610	2,007	445	6,040	394
TOTAL FRUITS AND VEGETABLES															
1951	1,765	20,305	1,987	1,678	16,005	1,214	118	975	71	3,298	28,680	2,652	427	5,230	435
1950	1,817	19,795	1,759	1,745	14,965	1,029	103	750	48	4,117	33,255	2,660	459	4,920	329
1949	1,697	19,890	1,738	1,636	15,015	1,150	69	620	38	3,938	32,785	2,769	471	6,290	413
MISCELLANEOUS CROPS															
COFFEE, GREEN ^{3/}	3,500	7,500	3,660	-	-	-	-	-	-	-	-	-	-	-	-
CORN, FIELD (SHELLED)	312	935	18	218	240	13	80	190	7	-	-	-	15	30	2
MACADAMIA NUTS, UNSHELLED:															
BEARING	655	575	98	14	20	3	2	-	-	114	100	17	78	155	26
NON-BEARING	821	-	-	262	-	-	-	-	-	66	-	-	185	-	-
RICE, MILLED	-	-	-	-	-	-	-	-	-	-	-	-	166	745	120
TOTAL MISCELLANEOUS CROPS															
1951	5,288	8,410	3,776	494	260	16	82	190	7	180	100	17	444	930	148
1950	5,034	5,150	1,896	491	375	22	72	190	8	180	90	15	472	925	136
1949	4,986	6,900	1,689	193	180	13	72	60	4	174	40	7	547	920	168
TOTAL DIVERSIFIED CROPS															
1951	7,053	28,715	5,763	2,172	16,265	1,230	200	1,105	78	3,478	28,780	2,669	871	6,160	583
1950	6,851	24,945	3,655	2,236	15,340	1,051	175	940	56	4,297	33,345	2,675	931	5,845	465
1949	6,683	26,790	3,427	1,829	15,195	1,163	141	680	42	4,112	32,825	2,776	1,018	7,210	581

1/ SOME 1950 AND 1949 ESTIMATES REVISED. ACREAGE FOR SHORT-TERM CROPS CONSISTS OF PLANTINGS THAT WOULD NORMALLY BE HARVESTED IN 1951. 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/ WITH TOPS ON OAHU, TOPPED ON OTHER ISLANDS.

3/ CROP YEAR ENDING JUNE 30, 1951.

Table 37.--Summary of Estimated Hawaiian Fruit and Vegetable Production by Commodities and Months for 1951, with Comparisons for 1950 and 1949

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Fruits															
Avocados	86	78	109	97	79	74	74	83	75	91	85	89	1020	1050 1/	980
Bananas	454	428	483	477	458	463	458	528	570	585	543	478	5925	5650	6005
Bananas, cooking	16	14	12	10	12	10	12	14	15	15	15	15	160	220	110
Oranges	35	10	8	2	-	-	-	-	5	45	100	45	250	200	400
Papayas	757	686	639	577	527	445	433	373	351	364	319	304	5775	7950	5885
Tangerines	25	15	12	5	3	3	2	-	-	15	80	110	270	180	270
Total fruits 1951	1373	1231	1263	1168	1079	995	979	998	1016	1115	1142	1041	13400		
1950	1260	1055	1094	977	1232	1230	1357	1436	1290	1554	1514	1251		15250	
1949	1236	1069	1033	957	1012	1079	1055	1136	1119	1304	1391	1259			13650
Vegetables															
Beans, snap	112	128	86	112	184	228	172	164	166	182	136	150	1820	2015	1955
Beets 2/	5	5	7	6	9	13	12	13	9	7	12	12	110	130	140
Broccoli	18	18	24	16	21	29	26	18	16	10	8	16	220	320	315
Burdock	62	62	67	52	61	62	52	62	53	59	59	94	745	690	570
Cabbage, head	635	662	615	711	844	884	766	873	689	754	662	605	8700	7790	7385
Cabbage, oriental	243	226	186	269	281	289	251	236	248	316	239	306	3090	3350	2850
Carrots 2/	91	95	98	129	123	140	151	131	130	91	116	100	1395	1700	2035
Cauliflower	20	20	15	35	20	15	25	20	15	20	15	30	250	270	360
Celery	46	37	32	48	39	40	31	26	21	15	15	15	365	500	460
Corn, green	75	65	103	111	89	68	72	60	64	52	69	62	890	1285	1240
Cucumbers	275	256	262	215	314	492	368	417	437	277	240	302	3855	3285	3170
Daikon 2/	296	300	334	387	460	372	374	359	320	354	330	394	4280	4040	3835
Dasheens	32	30	36	22	16	25	21	21	33	39	39	86	400	375	380
Eggplant	45	53	63	49	51	48	72	63	68	66	51	46	675	680	740
Ginger root	44	41	30	23	15	33	17	19	17	45	58	48	390	575	690
Lettuce	171	244	309	337	431	387	332	267	257	272	176	172	3355	2915	3425
Lotus root	37	37	32	16	6	5	10	50	50	40	45	77	405	385	315

Continued

Table 37.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Vegetables--Contd.															
Onions, dry	-	2	4	80	150	120	100	60	45	25	5	4	595	875	325
Onions, green	41	47	40	38	49	48	48	50	38	45	35	41	520	490	575
Peppers	37	35	26	33	48	57	62	46	41	38	34	48	505	525	670
Potatoes	46	37	30	63	62	108	71	60	65	50	15	23	630	645	355
Pumpkins	15	13	7	13	52	86	66	49	22	52	37	33	445	270	400
Squash, sum. & It.	20	20	20	30	20	12	25	14	12	20	20	12	225	400	300
Squash, misc.	6	9	14	1	12	18	32	31	16	14	20	7	180	250	360
Sweetpotatoes	78	53	64	82	103	110	94	78	95	88	80	75	1000	1455	1445
Taro (for mfr.)	960	980	960	980	990	1025	1015	1020	985	980	970	965	11830	11740	13900
Tomatoes	330	282	232	221	460	723	785	490	470	395	330	372	5090	4960	6005
Watercress	114	115	118	117	127	124	122	122	112	110	112	112	1405	1520	1480
Watermelons	5	-	4	5	244	795	1569	880	427	210	86	15	4240	4780	5005
Yam bean root	18	13	13	14	16	16	12	11	12	16	17	27	185	220	265
Total veg. 1951	3877	3885	3831	4215	5297	6372	6753	5710	4933	4642	4031	4249	57795		
1950	4209	4100	4739	5383	5667	5914	5627	5114	4643	4722	4421	3915		58435	
1949	4210	4038	4480	5157	6757	6877	5641	5184	4939	4828	4475	4364			60950
Total fruits and vegetables 1951	5250	5116	5094	5383	6376	7367	7732	6708	5949	5757	5173	5290	71195		
1950	5469	5155	5833	6360	6883	7144	6984	6547	5933	6276	5935	5166		73685	
1949	5446	5107	5513	6114	7769	7956	6696	6320	6058	6132	5866	5623			74600

1/ INCLUDES PRODUCTION FROM SOME NON-COMMERCIAL ACREAGE.

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

Table 38.--Estimated Monthly Production of Specified Fruits and Vegetables, 1951,
with Comparisons for 1950 and 1949, by Commodities and Origin

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Fruits															
Avocados															
Hawaii	75	70	100	90	70	65	60	70	65	75	70	70	880	875	775
Maui	8	6	8	6	8	8	6	5	5	8	14	18	100	90	90
Oahu	-	-	-	-	-	-	-	-	-	-	-	-	-	50 1/2	75
Kauai	3	2	1	1	1	1	8	8	5	8	1	1	40	35	40
Total 1951	86	78	109	97	79	74	74	83	75	91	85	89	1020		
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
Bananas															
Hawaii	20	20	25	25	25	25	20	25	20	35	25	30	295	220	475
Maui	25	25	25	20	25	25	25	40	60	65	60	40	435	400	375
Molokai	1	2	2	2	2	5	5	5	5	2	2	2	35	25	15
Oahu	400	375	425	425	400	400	400	450	475	475	450	400	5075	4875	5000
Kauai	8	6	6	5	6	8	8	8	10	8	6	6	85	130	140
Total 1951	454	428	483	477	458	463	458	528	570	585	543	478	5925		
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
Bananas, cooking															
Hawaii	16	14	12	10	12	10	12	14	15	15	15	15	160	220	100
Maui	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Total 1951	16	14	12	10	12	10	12	14	15	15	15	15	160		
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

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

continued

Table 38.--Continued

Commodity		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
														1951	1950	1949
1,000 pounds														1,000 pounds		
Fruits--Contd.																
Oranges																
Hawaii	1951	35	10	8	2	-	-	-	-	5	45	100	45	250		
	1950	15	5	5	-	-	-	-	-	20	30	75	50		200	
	1949	25	15	5	2	2	1	-	-	30	100	150	70			400
Papayas																
Hawaii		45	45	30	40	50	60	55	55	45	75	75	75	650	525	530
Maui		5	4	5	8	10	15	15	20	20	15	10	8	135	100	160
Molokai		2	2	2	2	1	4	5	10	10	8	8	6	60	25	25
Oahu		700	630	600	525	460	360	350	280	270	260	220	210	4865	7200	5100
Kauai		5	5	2	2	6	6	8	8	6	6	6	5	65	100	70
Total	1951	757	686	639	577	527	445	433	373	351	364	319	304	5775		
	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
Tangerines																
Hawaii	1951	25	15	12	5	3	3	2	-	-	15	80	110	270		
	1950	35	10	5	-	-	-	-	-	-	20	60	50		180	
	1949	20	10	2	-	-	-	-	-	-	18	100	120			270
Vegetables																
Beans, snap																
Hawaii		20	25	15	30	50	40	25	20	25	30	25	20	325	375	380
Maui		12	12	16	25	30	30	25	30	35	25	25	35	300	335	300
Molokai		-	1	4	4	2	2	2	4	4	5	5	2	35	35	20
Oahu		70	75	45	45	90	140	110	100	90	110	75	85	1035	1120	1075
Kauai		10	15	6	8	12	16	10	10	12	12	6	8	125	150	180
Total	1951	112	128	86	112	184	228	172	164	166	182	136	150	1820		
	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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
<u>Vegetables--Contd.</u>															
Beets ^{2/}															
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	40	40
Maui	2	2	3	3	4	3	2	3	3	1	2	2	30	30	30
Oahu	3	3	4	3	5	10	10	10	6	6	10	10	80	60	70
Total 1951	5	5	7	6	9	13	12	13	9	7	12	12	110		
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
Broccoli															
Hawaii	4	5	8	6	8	15	12	6	4	3	2	2	75	130	110
Maui	6	7	8	5	8	8	8	6	8	3	2	6	75	75	80
Oahu	8	6	8	5	5	6	6	6	4	4	4	8	70	115	125
Total 1951	18	18	24	16	21	29	26	18	16	10	8	16	220		
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
Burdock															
Hawaii	60	60	65	50	60	60	50	60	50	55	55	90	715	650	500
Maui	2	2	2	2	1	2	2	2	3	4	4	4	30	40	60
Oahu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Total 1951	62	62	67	52	61	62	52	62	53	59	59	94	745		
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

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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Vegetables--Contd.															
Cabbage, head															
Hawaii	145	130	120	150	190	185	180	210	190	250	170	180	2100	2150	2020
Maui	430	455	445	525	600	660	550	630	450	450	440	365	6000	4830	4630
Molokai	-	2	5	5	4	4	4	4	4	4	2	2	40	30	15
Oahu	30	40	25	25	40	15	20	15	35	20	30	40	335	550	500
Kauai	30	35	20	6	10	20	12	14	10	30	20	18	225	230	220
Total 1951	635	662	615	611	844	884	766	873	689	754	662	605	8700		
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
Cabbage, oriental															
Hawaii	70	50	40	65	85	135	85	65	60	80	55	70	860	900	600
Maui	40	60	40	100	70	50	50	55	60	70	50	70	715	750	700
Oahu	125	110	100	100	120	100	110	110	120	160	130	160	1445	1625	1500
Kauai	8	6	6	4	6	4	6	6	8	6	4	6	70	75	50
Total 1951	243	226	186	269	281	289	251	236	248	316	239	306	3090		
1950	302	224	340	258	215	288	264	262	293	385	290	229		3350	
1949	262	195	189	294	293	182	232	284	223	245	206	245			2850
Carrots ^{2/}															
Hawaii	20	20	20	20	25	40	55	35	30	25	45	45	380	525	700
Maui	65	70	70	100	90	95	90	90	95	60	65	50	940	1000	1090
Molokai	1	1	2	2	1	2	2	2	2	2	2	1	20	25	15
Oahu	3	2	4	6	6	2	3	2	1	2	2	2	35	115	180
Kauai	2	2	2	1	1	1	1	2	2	2	2	2	20	35	50
Total 1951	91	95	98	129	123	140	151	131	130	91	116	100	1395		
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

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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
<u>Vegetables--Contd.</u>															
Cauliflower															
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20
Maui	20	20	15	35	20	15	25	20	15	20	15	30	250	250	300
Oahu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Total 1951	20	20	15	35	20	15	25	20	15	20	15	30	250		
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
Celery															
Hawaii	30	30	25	40	30	35	30	25	20	15	15	15	310	425	380
Maui	1	2	3	4	5	2	1	1	1	-	-	-	20	25	40
Oahu	15	5	4	4	4	3	-	-	-	-	-	-	35	50	40
Total 1951	46	37	32	48	39	40	31	26	21	15	15	15	365		
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
Corn, green															
Hawaii	4	5	2	5	4	8	15	6	4	6	5	6	70	100	80
Maui	10	6	12	40	45	15	4	6	6	2	4	5	155	300	240
Molokai	1	1	4	4	2	3	2	2	2	1	2	1	25	40	10
Oahu	35	35	50	50	35	40	45	40	45	35	50	40	500	675	780
Kauai	25	18	35	12	3	2	6	6	7	8	8	10	140	170	130
Total 1951	75	65	103	111	89	68	72	60	64	52	69	62	890		
1950	113	129	154	128	168	101	79	70	65	91	102	85		1285	
1949	75	70	150	91	102	133	84	82	151	100	114	88			1240

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Vegetables--Contd.															
Cucumbers															
Hawaii	160	130	150	110	100	160	190	200	160	115	145	155	1775	1575	1520
Maui	10	20	20	20	60	110	50	120	150	40	30	50	680	460	470
Molokai	-	1	2	4	4	2	2	2	2	2	2	2	25	25	10
Oahu	60	65	75	65	120	175	110	85	60	105	55	80	1055	925	900
Kauai	45	40	15	16	30	45	16	10	65	15	8	15	320	300	270
Total 1951	275	256	262	215	314	492	368	417	437	277	240	302	3855		
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
Daikon ^{2/}															
Hawaii	230	235	260	300	375	290	290	270	250	280	250	305	3335	3000	2700
Maui	12	12	12	25	25	20	20	15	20	14	15	15	205	190	325
Oahu	50	50	60	60	60	60	60	70	50	60	65	70	715	810	780
Kauai	4	3	2	2	-	2	4	4	-	-	-	4	25	40	30
Total 1951	296	300	334	387	460	372	374	359	320	354	330	394	4280		
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
Dasheens															
Hawaii	20	18	20	12	6	12	12	10	20	25	25	70	250	240	200
Maui	5	6	8	5	3	3	3	2	5	8	6	6	60	30	40
Oahu	3	2	2	1	5	6	4	4	2	2	2	2	35	60	70
Kauai	4	4	6	4	2	4	2	5	6	4	6	8	55	45	70
Total 1951	32	30	36	22	16	25	21	21	33	39	39	86	400		
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

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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
<u>Vegetables--Contd.</u>															
Eggplant															
Hawaii	6	12	18	11	21	15	13	12	10	10	12	5	145	70	60
Maui	2	2	2	3	4	6	5	5	5	3	4	4	45	50	50
Molokai	3	5	5	5	4	5	6	6	6	6	4	5	60	70	80
Oahu	30	30	30	25	20	20	40	35	45	45	30	30	380	440	500
Kauai	4	4	8	5	2	2	8	5	2	2	1	2	45	50	50
Total 1951	45	53	63	49	51	48	72	63	68	66	51	46	675		
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
Ginger root															
Hawaii	40	35	25	20	12	30	15	8	10	30	50	40	315	500	590
Maui	2	1	1	1	2	2	1	10	6	14	6	4	50	50	50
Kauai	2	5	4	2	1	1	1	1	1	1	2	4	25	25	50
Total 1951	44	41	30	23	15	33	17	19	17	45	58	48	390		
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
Lettuce															
Hawaii	100	150	230	270	340	290	265	180	170	200	115	90	2400	1900	2430
Maui	20	35	40	30	45	45	20	35	25	30	25	35	385	250	240
Oahu	45	55	35	35	45	50	45	50	60	40	35	45	540	740	730
Kauai	6	4	4	2	1	2	2	2	2	2	1	2	30	25	25
Total 1951	171	244	309	337	431	387	332	267	257	272	176	172	3355		
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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
<u>Vegetables---Contd.</u>															
Lotus root															
Maui	2	2	2	1	1	-	-	-	-	-	-	2	10	10	15
Oahu	35	35	30	15	5	5	10	50	50	40	45	75	395	375	300
Total 1951	37	37	32	16	6	5	10	50	50	40	45	77	405		
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
Onions, dry															
Maui 1951	-	2	4	80	150	120	100	60	45	25	5	4	595		
1950	-	-	15	100	175	150	150	140	100	30	10	5		875	
1949	-	-	-	40	120	80	30	20	18	10	2	5			325
Onions, green															
Hawaii	4	5	2	4	4	4	5	4	2	4	1	1	40	40	50
Maui	2	2	3	4	5	4	3	1	1	1	4	5	35	20	20
Oahu	35	40	35	30	40	40	40	45	35	40	30	35	445	410	480
Kauai	-	-	-	-	-	-	-	-	-	-	-	-	-	20	25
Total 1951	41	47	40	38	49	48	48	50	38	45	35	41	520		
1950	37	37	36	46	46	47	45	45	36	38	37	40		490	
1949	50	41	39	48	58	57	46	46	47	47	48	48			575
Peppers, sweet															
Hawaii	8	6	4	4	8	18	30	15	10	8	6	8	125	110	130
Maui	5	2	2	2	5	6	10	14	12	10	6	6	80	110	90
Oahu	10	15	10	15	20	30	20	16	18	16	20	30	220	195	360
Kauai	14	12	10	12	15	3	2	1	1	4	2	4	80	110	90
Total 1951	37	35	26	33	48	57	62	46	41	38	34	48	505		
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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Vegetables---Contd.															
Potatoes															
Hawaii	6	7	-	3	2	8	1	10	30	35	10	8	120	100	40
Maui	40	30	30	60	60	100	70	50	35	15	5	15	510	425	270
Molokai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
Oahu	-	-	-	-	-	-	-	-	-	-	-	-	-	120	30
Total 1951	46	37	30	63	62	108	71	60	65	50	15	23	630		
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
Pumpkins															
Hawaii	8	8	1	3	1	2	1	1	8	8	4	10	55	50	140
Maui	3	3	2	5	45	70	60	40	12	40	25	15	320	180	200
Oahu	4	2	4	5	6	14	5	8	2	4	8	8	70	40	60
Total 1951	15	13	7	13	52	86	66	49	22	52	37	33	445		
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
Squash, summer and Italian															
Hawaii 1951	20	20	20	30	20	12	25	14	12	20	20	12	225		
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
Squash, misc.															
Hawaii	2	3	12	-	-	-	10	15	4	2	10	2	60	100	110
Maui	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Oahu	4	6	2	1	12	18	22	16	12	12	10	5	120	150	230
Total 1951	6	9	14	1	12	18	32	31	16	14	20	7	180		
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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Vegetables--Contd.															
Sweetpotatoes															
Hawaii	15	10	20	25	15	15	20	15	25	25	20	15	220	190	410
Maui	10	4	4	8	20	40	14	18	10	12	10	10	160	180	160
Molokai	2	2	2	4	5	5	5	5	5	5	5	5	50	40	25
Oahu	35	25	30	35	45	30	40	30	40	30	25	35	400	845	700
Kauai	16	12	8	10	18	20	15	10	15	16	20	10	170	200	150
Total 1951	78	53	64	82	103	110	94	78	95	88	80	75	1000		
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
Taro (mfr.)															
Hawaii	200	195	180	170	185	195	185	190	155	170	160	165	2150	2500	2500
Maui	100	105	100	100	100	105	125	110	110	140	125	130	1350	1400	1270
Molokai	40	50	60	40	40	35	35	40	40	40	40	40	500	300	330
Oahu	480	480	420	490	450	510	420	460	500	350	410	330	5300	5290	6600
Kauai	140	150	200	180	215	180	250	220	180	280	235	300	2530	2250	3200
Total 1951	960	980	960	980	990	1025	1015	1020	985	980	970	965	11830		
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
Tomatoes															
Hawaii	110	60	60	60	130	185	150	105	50	70	75	125	1180	950	750
Maui	50	30	30	60	150	245	260	200	250	140	95	95	1605	1680	2325
Molokai	-	2	2	6	10	8	5	5	5	5	5	2	55	50	50
Oahu	80	60	65	60	90	200	260	150	125	110	100	100	1400	1780	1960
Kauai	90	130	75	35	80	85	110	30	40	70	55	50	850	500	920
Total 1951	330	282	232	221	460	723	785	490	470	395	330	372	5090		
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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Vegetables---Contd.															
Watercress															
Hawaii	5	5	8	8	6	6	5	5	5	5	6	6	70	60	80
Maui	4	5	4	4	5	4	3	5	5	3	4	4	50	40	40
Oahu	100	100	100	100	110	110	110	110	100	100	100	100	1240	1360	1300
Kauai	5	5	6	5	6	4	4	2	2	2	2	2	45	60	60
Total 1951	114	115	118	117	127	124	122	122	112	110	112	112	1405		
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
Watermelons															
Hawaii	5	-	-	-	30	250	90	25	50	5	5	5	465	435	450
Maui	-	-	-	-	150	275	75	50	45	45	40	-	680	790	1000
Molokai	-	-	-	-	4	10	20	25	10	-	1	-	70	85	10
Oahu	-	-	-	-	10	200	1350	750	300	160	40	10	2820	3210	3225
Kauai	-	-	4	5	50	60	34	30	22	-	-	-	205	260	320
Total 1951	5	-	4	5	244	795	1569	880	427	210	86	15	4240		
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
Yam bean root															
Hawaii	4	4	4	2	2	2	2	1	-	-	2	12	35	40	50
Oahu	2	3	4	8	8	10	6	5	6	8	5	5	70	70	65
Kauai	12	6	5	4	6	4	4	5	6	8	10	10	80	110	150
Total 1951	18	13	13	14	16	16	12	11	12	16	17	27	185		
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

continued

Table 38.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l		
													1951	1950	1949
	1,000 pounds												1,000 pounds		
Miscellaneous Crops															
Corn, shelled															
Hawaii	25	5	1	3	4	8	5	14	2	14	240	14	335	350	500
Maui	-	-	-	20	65	90	5	10	35	-	15	-	240	350	160
Molokai	-	-	-	-	5	70	35	20	-	-	-	-	130	190	60
Kauai	4	5	5	6	2	4	4	-	-	-	-	-	30	75	75
Total 1951	29	10	6	29	76	172	49	44	37	14	255	14	735		
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
Macadamia nuts, unshelled															
Hawaii	30	35	35	40	40	40	40	65	70	70	60	50	575	500	500
Maui	3	2	1	1	-	-	-	1	1	3	4	4	20	25	20
Oahu	6	5	4	3	3	2	5	12	17	18	20	5	100	90	40
Kauai	6	8	5	4	4	5	6	12	20	30	30	25	155	140	120
Total 1951	45	50	45	48	47	47	51	90	108	121	114	84	850		
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