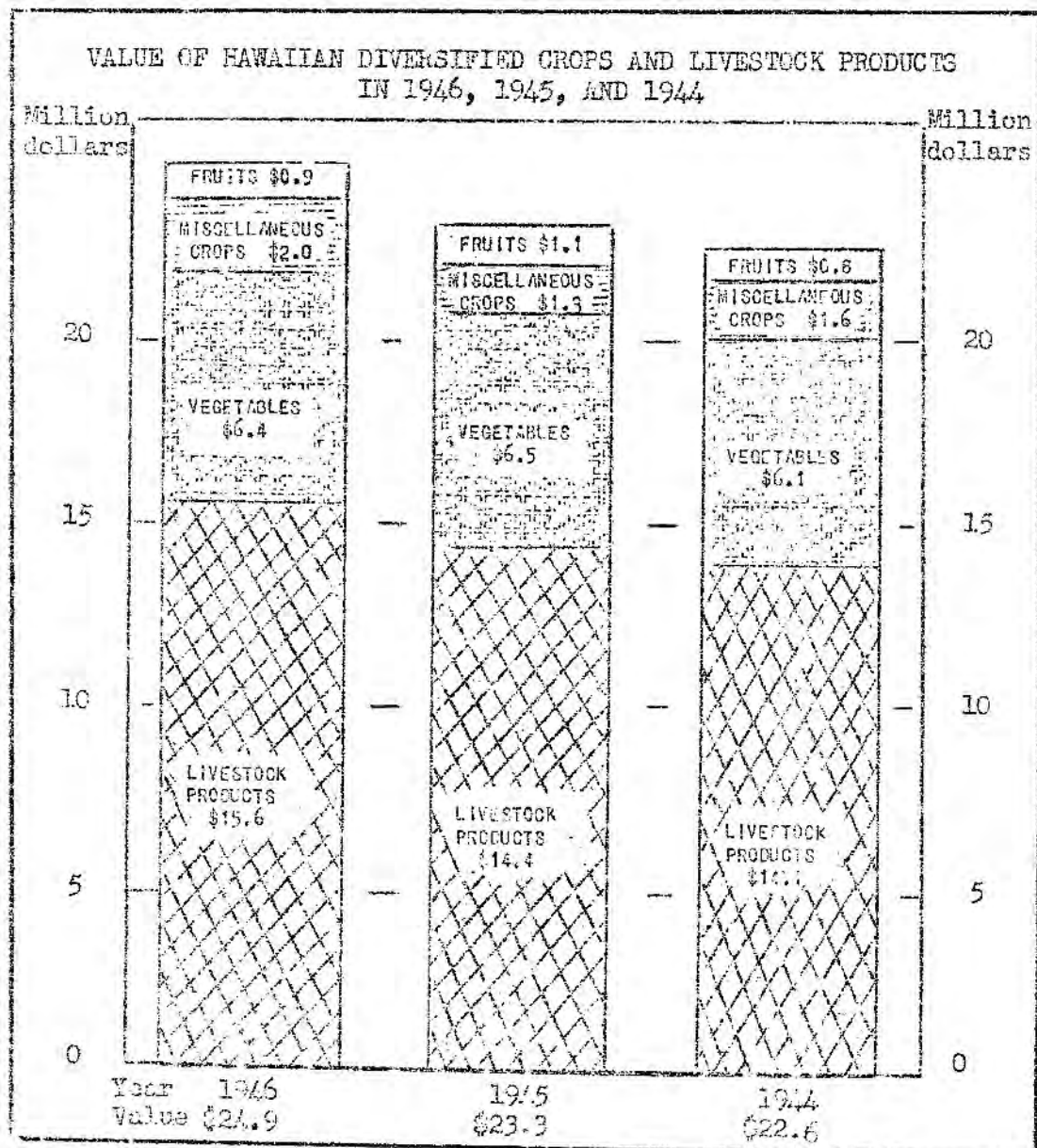


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HONOLULU 10, TERRITORY OF HAWAII
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
H. H. WARNER, DIRECTOR
ISSUED IN FURTHERANCE OF ACTS OF MAY 8 AND JUNE 30, 1914

1946 STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII



Agricultural Economics Project
Ralph Elliott in Charge

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DIVERSIFIED AGRICULTURE IN 1946

Land Utilization

Total land area of the Territory is 4,099,840 acres, but only 7 percent is in cultivated crops. Most of the remaining area is semi-arid, mountainous, or lava flows. Forest reserve takes up 26 percent, and beef cattle and sheep ranges, 34 percent of the total area. The remainder is waste land, parks, cities, roads, and military establishments.

Of the 285,000 acres under cultivation in 1946, sugar occupied about 73 percent; pineapples, 22 percent; and diversified crops, 5 percent. Vegetables are the largest diversified group--6,731 acres; coffee is second with 4,000 acres. Tree fruits, mostly bananas and papayas, occupy 2,046 acres. Approximately 800 acres are planted to macadamia nuts.

Production and Value of Livestock and Diversified Crops

Value of 1946 livestock and diversified crop marketings was \$24,906,000, compared to \$23,260,000 in 1945 and \$22,667,000 in 1944. Total value of livestock and diversified crops was 18 percent of all agricultural marketings in 1946, compared to 18 percent in 1945 and 17 percent in 1944.

Nearly all diversified crops in the Territory were affected in one way or another by competitive products and sustaining supplies from the Mainland. Consequently, the long interruption of shipping in the latter half of 1946 delayed the readjustment of diversified agriculture to postwar conditions. Truck crop plantings in the first half of 1946 were reduced because farmers experienced difficulty in meeting competition with some products from the coast. Total commercial fruit and vegetable production in 1946 was 86,377,000 pounds, compared to 107,072,000 in 1945, a decrease of 19 percent. Tomato and taro harvests were each about 5 million pounds less than in 1945; celery was 3½ million pounds less; and lettuce and potatoes, 2 million pounds below 1945 estimates. However, wholesale prices averaged considerably higher and the value of 1946 production was \$7,272,000, only slightly lower than the 1945 valuation of \$7,530,000. Production of other diversified crops, including coffee, rice, macadamia nuts, and honey was valued at \$2,008,000 in 1946, an increase of \$691,000 from the 1945 value. The increase resulted from higher prices.

Livestock and meat-poultry marketings were larger than usual, partly because of high prices, partly because feed shortages and prices led to strict culling of dairy herds and poultry flocks. Estimates indicate that the value of livestock products marketed in 1946 was \$15,626,000. This was 11 percent of total agricultural marketings, including plantation crops.

Beef cattle: The number of beef cattle marketed was approximately 39,000 in 1946, compared to 30,000 in 1945. Number of cattle on the larger ranches at the end of the year was estimated at 130,000, compared to 141,000 at the end of 1945. Although the cattle sold were generally lighter in weight than is customary, the greater number and higher prices brought value of marketings to more than 4½ million dollars, roughly 24 percent more than the 1945 value.

Dairy cattle: Herds were heavily culled during the fall because of the shortage of feed from the Mainland and to realize good prices for meat. However, replacements were effected later, and the dairy cows numbered approximately 10,500 in December 1946, a slight increase during the year. Milk production in 1946 totaled about 32,715,000 quarts, compared to 30,726,000 quarts in 1945. Increased prices for milk and the larger number of animals sold for meat purposes brought total value of marketings by the dairy industry to \$5,098,000, an 18 percent increase from the 1945 total.

Sheep: The number of sheep on ranches at the end of 1946 as well as the number marketed during the year were lower than in 1945 and 1944. Value of marketings in 1946 was estimated at \$59,000, compared to \$90,000 in 1945.

Swine: Shortages of both imported feeds and local garbage plus the necessity of relocating a part of the Oahu hog farms were contributing factors to the 1946 decrease in number of hogs. The number of swine of all ages on territorial farms was 56,900 at the end of 1946, compared to 80,000 at the end of 1945. Swine marketed during 1946 averaged lighter in weight than in previous years, but the number marketed was larger--66,000 head in 1946, compared to 64,000 in 1945 and 50,000 in 1944. Prices averaged higher and the value of 1946 marketings was \$3,319,000, compared to \$3,111,000 in 1945 and \$2,574,000 in 1944.

Poultry: Chickens of all ages in flocks of 100 or larger totaled 415,000 in December 1946, compared to 386,000 at the end of 1945. However, the number of layers as well as the rate of lay was apparently lower than in 1945. Egg marketings in 1946 are estimated at about 2,366,000 dozen. Prices for eggs were higher in the latter half of the year, and total value of marketings, including meatbirds, was about \$2,637,000.

Coffee: Production forecasts for the 1946-47 crop are about the same as 1945-46 marketings. Prices are averaging higher, and value of the current crop is expected to total over a million and a half dollars, compared to the 1945-46 estimated gross of \$1,028,000. Acreage remains about the same as a year ago.

Macadamia nuts: Production is increasing as a result of better care given to some of the older orchards, and to young trees coming of bearing age. Total 1946 marketings of unshelled nuts were 760,000 pounds, compared to 622,000 pounds in 1945 and 553,000 pounds in 1944. Acreage is rapidly increasing. Wholesale value of the crop, unshelled, was \$114,000 in 1946.

Honey: Production was heavier in 1946 than in the war years, and prices during the last few months of the year were double the 1945 average. Value of 1946 marketings was estimated at \$147,000.

SOURCES OF INFORMATION

The summaries presented in this curcular were collected from many sources with the assistance of county agents, livestockmen, poultrymen, the Board of Health, Board of Agriculture and Forestry, other territorial and federal agencies, steamship companies and airlines, importers, wholesalers, and farmer cooperatives. The 1944 livestock data are from C. C. D. reports; the land areas are from the 1940 census.

The agricultural economics section takes this opportunity of thanking all contributors for the cooperation and assistance that made these summaries possible. One purpose of the statistical material is to provide an accurate index to the changes that are occurring during the postwar transition period. Another is to show efficiency trends of Island production--milk production per cow, annual lay per hen, number of pigs weaned per litter, average yields per acre, etc.

Livestock statistics were summarized by Perry Philipp, fruit and vegetable data by Jack Ishida, and average prices by Shiro Takei.

Table 1.--VALUE OF HAWAIIAN CROP MARKETINGS -- 1946, 1945 AND 1944 1/

Commodity	1946	1945	1944
	Dollars	Dollars	Dollars
Sugar and byproducts 2/	62,875,297	62,106,731	64,418,063
Canned pineapples and byproducts 2/	49,033,699	41,460,228	47,861,412
Total plantation crops	111,908,996	103,566,959	112,279,475
Beef cattle 3/	4,513,000	3,636,000	3,490,000
Dairy cattle 3/ and milk 4/	5,098,000	4,318,000	4,236,000
Sheep and wool 3/	59,000	90,000	90,000
Swine 3/	3,319,000	3,111,000	2,574,000
Poultry and eggs 3/	2,637,000	3,258,000	3,740,000
Total livestock products	15,626,000	14,413,000	14,130,000
Fruits 5/	890,400	1,068,600	824,000
Vegetables 3/	6,381,800	6,461,200	6,092,000
Macadamia nuts 6/	114,000	87,600	77,000
Coffee, green 7/	1,562,500	1,028,200	1,250,000
Honey and beeswax 7/	146,600	70,600	80,000
Rice, rough 7/	137,300	73,500	90,000
Field corn and other miscellaneous crops 3/	47,800	57,500	124,000
Total diversified crops	9,280,400	8,847,200	8,537,000
Total diversified crops and livestock products	24,906,400	23,260,200	22,667,000
Total all agricultural products	136,815,396	126,827,159	134,946,475

1/ Revised estimates for 1945 and 1944.

2/ Value for gross income purposes, roughly equivalent to f.a.s. island port basis.

3/ Wholesale value, island of origin

4/ Value when received at bottling plant.

5/ Fresh pineapples for market not included.

6/ Unshelled, delivered at mill.

7/ Value f.a.s. island port basis, preliminary estimate.

Table 2.--HAWAIIAN CROP AND LIVESTOCK MARKETINGS 1946, 1945 AND 1944 .

Commodity	1946	1945	1944
Sugar 1/..... raw sugar, tons	678,909	820,628	874,347
Pineapples 2/..... (No. 2 cans) canned fruit, cases	9,050,898	10,030,836	10,981,496
(") canned juice, cases	8,671,204	1,891,793	8,229,898
Beef cattle..... head	38,835	30,290	28,270
Dairy products:..... meat, including calves, head	8,605	7,024	5,240
..... milk, 1,000 quarts	32,715	30,726	31,400
Sheep products:..... mutton, head	2,000	3,100	3,000
..... wool, 1,000 pounds	105	160	160
Swine..... head	66,140	63,800	49,750
Poultry products:..... meat, number	326,400	374,400	403,900
..... eggs, 1,000 dozens	2,366	3,547	4,141
Fruits (except pineapples)..... fresh, 1,000 pounds	17,687	18,324	15,143
Vegetables..... fresh, 1,000 pounds	68,690	88,748	87,225
Nuts, macadamia..... unshelled, 1,000 pounds	760	622	553
Coffee 3/..... green, 1,000 pounds	6,250	6,300	7,656
Field corn and miscellaneous crops..... 1,000 pounds	821	1,253	3,479
Rice..... rough, 1,000 pounds	572	735	910
Honey..... extracted, 1,000 pounds	720	589	667

1/ Hawaiian Sugar Planters' Association estimates.

2/ Pineapple Research Institute publication for 1945-46 fiscal year ending May 31.

3/ Agricultural Extension Service forecast for 1946-47 crop for fiscal year ending June 30.

Note: Other estimates are for calendar year 1946, Agricultural Extension Service, Agricultural Economics.

Table 3.--1946 UTILIZATION OF LAND FOR AGRICULTURE AND FOREST RESERVE

Commodity	Territory		Hawaii		Maui		Oahu		Kauai & Niihau		Molokai & Lanai	
	Acres	Per-cent	Acres	Per-cent	Acres	Per-cent	Acres	Per-cent	Acres	Per-cent	Acres	Per-cent
Forest reserve <u>1/</u>	1,071,360	26.13	583,040	22.66	156,800	31.74	118,400	31.41	160,000	40.13	53,120	20.70
Pasture <u>2/</u>	1,408,225	34.35	992,500	38.57	141,250	28.59	16,600	4.40	181,250	45.46	76,625	29.86
Sugar, raw <u>3/</u>	208,376	5.08	97,239	3.78	32,599	6.59	36,889	9.78	41,649	10.4	-	-
Pineapples <u>4/</u>	62,000	1.5	-	-	12,000	2.43	21,000	5.57	4,000	1.00	25,000	9.74
Diversified crops: <u>5/</u>												
Tree fruits <u>6/</u>	2,046	-	241	-	227	-	1,477	-	22	-	79	-
Vegetables <u>7/</u>	6,731	-	2,224	-	1,361	-	2,455	-	552	-	139	-
Macadamia nuts <u>6/</u>	755	-	555	-	6	-	114	-	78	-	2	-
Rice <u>7/</u>	182	-	-	-	-	-	-	-	182	-	-	-
Coffee <u>6/</u>	4,000	-	4,000	-	-	-	-	-	-	-	-	-
Corn, field and misc. crops <u>7/</u>	827	-	505	-	130	-	10	-	6	-	176	-
Total diversified crops	14,541	0.35	7,525	0.29	1,724	0.35	4,056	1.08	840	0.21	396	0.15
Total land in cultivated crops	284,917	6.95	104,764	4.07	46,323	9.37	61,945	16.43	46,489	11.66	25,396	9.89
Total crops, pasture and forest reserve <u>8/</u>	2,764,502	67.42	1,680,304	65.30	344,373	69.70	196,945	52.24	387,739	97.24	155,141	60.45
Total land area <u>9/</u>	4,099,840	-	2,573,440	-	494,080	-	376,960	-	398,720	-	256,640	-

1/ Public and private. 2/ Includes beef cattle pasture for herds of 20 or more and the larger sheep ranches. 3/ Acreage in crop at end of year reported by Hawaiian Sugar Planters' Association. 4/ Approximate acreage in crop at end of year based on unofficial reports. 5/ Agricultural Extension Economics project data. 6/ Average 1946 acreage in crop. 7/ Planted for 1946 harvest. 8/ Remainder is wasteland, parks, cities, roads and military installations. 9/ Acreage from 1940 census.

Table 4.--NUMBER OF FARMS IN 1946 BY MAJOR SOURCE* OF INCOME

County	Beef Cattle <u>1/</u>	Sheep <u>1/</u>	Dairy <u>2/</u>	Hogs <u>2/</u>	Poultry <u>3/</u>	Fruits, Vegetables, and Nuts	Rice or Coffee	Honey	Total Farms
North Hawaii	32	1	2	4	8	80	-	2	129
West Hawaii	31	-	2	3	9	130	700 <u>4/</u>	-	875
East Hawaii	<u>47</u>	-	<u>20</u>	<u>51</u>	<u>239</u>	<u>223</u>	-	<u>1</u>	<u>581</u>
Total Hawaii	110	1	24	58	256	433	700	3	1,585
Maui	52	-	9	70	54	302	-	17	504

Table 4 (continued)

County	Beef Cattle 1/	Sheep 1/	Dairy 2/	Hogs 2/	Poultry 3/	Fruits, Vegetables and Nuts	Rice or Coffee	Honey	Total Farms
East Oahu	3	-	17	15	25	350	-	-	410
West Oahu	11	-	1	58	23	142	-	13	248
South Oahu	-	-	24	228	309	213	-	2	776
Total Oahu	14	-	42	301	357	705	-	15	1,434
Kauai and Niihau	38	1	7	79	70	110	27 5/	4	336
Molokai and Lanai	14	-	1	13	11	18	-	6	63
Territory	228	2	83	521	748	1,568	727	45	3,922
1/ Herds over 20	2/ Herds over 10	3/ 100 layers or more	4/ Coffee	5/ Rice					

Table 5.--AVERAGE ANNUAL WHOLESALE PRICES OF LIVESTOCK AND POULTRY PRODUCTS

Commodity	1946		1945		1944
	Oahu	Outlying islands	Oahu	Outlying islands	Territory
	Cents	Cents	Cents	Cents	Cents
Beef cattle:					
Beef carcasses, pound 1/	23.6	22.5	22.8 2/	21.3 2/	21.4 2/
Offal, hide and tallow per beef animal 1/	1480.0	1480.0	1325.0	1325.0	1325.0
Dairy cattle and milk:					
Milk, quart 3/	15.0	13.0	13.6	11.7	12.6
Mature dairy cattle carcasses, pound 1/	20.7	19.7	20.3 2/	18.8 2/	19.8 2/
Dairy calf carcasses, pound 1/	24.5	23.3	24.0	22.5	23.4
Offal, hide and tallow per mature dairy animal 1/	1480.0	1480.0	1325.0	1325.0	1325.0
Offal and hide per dairy calf 1/	227.0	227.0	215.0	215.0	215.0
Sheep and wool:					
Mutton carcasses, pound 1/	-	17.0	-	17.0	17.0
Wool, pound 4/	-	40.0	-	40.0	40.0
Swine:					
Swine, liveweight, pound 5/	26.8	26.8	19.5	19.5	19.5
Poultry and eggs:					
Eggs, dozen 6/	95.0	86.0	75.0	75.0	75.0
Hens and roosters sold for meat, liveweight, pound 6/	55.0	48.0	41.0	41.0	41.0
Broilers, fryers, and roasters, liveweight, pound 6/	65.0	57.0	49.0	49.0	49.0

1/ Sales by slaughter house. 2/ Revised estimates. 3/ Delivered bottling plant. 4/ F.a.s. island port. 5/ Delivered slaughter house. 6/ Wholesale price.

STATISTICS OF COMMERCIAL CATTLE RANCHES 1/

Table 6.--Ranches, Number of Cattle, and Marketings in 1946

Island	Number of ranches	Acreage used for pasture	Number of cattle on ranches in December	Number of cattle mar- keted in 1946	Marketings as percent of number of cattle on ranches	Pasture per head at end of year
	Number	Acres	Number	Number	Percent	Acres
North Hawaii	32	353,800	39,300	15,200	39	9.0
West Hawaii	31	245,000	15,650	4,175	27	15.7
East Hawaii	47	363,700	27,780	6,885	25	13.1
Maui	52	141,250	24,600	6,780	28	5.7
East Oahu	3	1,600	405	295	73	4.0
West Oahu	11	15,000	3,355	1,110	33	4.5
Kauai and Niihau	38	135,250	13,860	2,490	18	9.8
Molokai and Lanai	14	76,625	5,360	1,900	35	14.3
Territory 1946	228	1,332,225	130,310	38,835	30	10.2
1945			140,690	30,290		
1944				28,870		

Table 7.--Weight and Value of Beef Cattle Marketings in 1946

Island	Number of head	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	26,260	11,817	2,659	389	3,048
Maui	6,780	3,051	686	100	786
Oahu	1,405	632	149	21	170
Kauai and Niihau	2,490	1,120	252	37	289
Molokai and Lanai	1,900	855	192	28	220
Territory 1946	38,835	17,475	3,938	575	4,513
1945 2/	30,290	15,145	3,235	401	3,636
1944 2/	28,870	14,545	3,107	383	3,490

1/ Ranches that carry 20 head or more are considered commercial.

2/ Revised estimates.

STATISTICS OF COMMERCIAL DAIRIES ^{1/}

Table 8.--Number of Dairies in Territory, August, 1946
by Island and Size of Herd

Number of mature dairy cows	Hawaii	Maui	Oahu	Kauai	Molokai	Territory
300 or more	-	2	8	-	-	10
150-299	1	1	6	1	-	9
50-149	4	2	19	2	-	27
10-49	19	4	9	4	1	37
Total	24	9	42	7	1	83

Table 9.--Average Daily Milk Production per Cow, by Months and Average for 1946

Island	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
							quarts						
Hawaii	7.6	7.8	7.3	7.0	6.9	6.9	6.7	6.8	6.6	6.4	6.8	7.3	7.0
Maui	6.7	7.1	7.5	7.4	7.5	7.5	7.0	6.9	6.8	6.3	6.6	6.7	7.0
Oahu	8.2	8.0	8.3	8.7	8.9	9.1	9.2	9.2	9.8	9.6	9.2	9.9	9.0
Kauai	5.8	6.4	6.6	6.1	6.5	5.6	5.4	6.4	5.7	4.7	5.0	5.4	5.7
Molokai	7.7	7.5	7.3	7.2	7.0	6.5	6.3	5.9	8.8	8.8	7.6	8.2	7.7
Territory	7.9	7.8	8.0	8.1	8.4	8.4	8.4	8.6	9.0	8.7	8.5	9.0	8.4

Table 10.--Average Daily Milk Production per Month and for 1946

Island	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
							quarts						
Hawaii	6,570	6,770	6,410	6,370	6,510	6,350	5,630	5,850	5,600	5,470	6,220	6,700	6,205
Maui	8,530	8,710	8,960	8,970	9,070	9,000	8,480	8,480	8,400	7,830	8,230	8,550	8,600
Oahu	63,220	63,960	66,330	68,240	70,430	73,360	74,040	76,160	76,920	76,220	74,190	76,220	71,610
Kauai	2,830	2,300	3,140	3,200	3,670	3,300	3,100	3,470	3,040	2,550	2,760	2,900	3,020
Molokai	270	270	160	110	110	110	110	100	150	150	130	140	150
Territory	81,420	82,010	85,000	86,890	89,790	92,120	91,360	94,060	94,110	92,220	91,530	94,510	89,585

^{1/} Dairies with 10 or more mature dairy cows are considered commercial.

Table 11.--Number of Mature Dairy Cows, Production and Value of Milk in 1946

Island	Number of Mature Dairy Cows, Dec. 31, 1946	Milk	
		Production per year	Value delivered bottling plant
		<u>1,000 quarts</u>	<u>1,000 dollars</u>
Hawaii	900	2,263	293
Maui	1,280	3,139	406
Oahu	7,720	25,153	3,926
Kauai	550	1,105	143
Molokai	17	55	7
Territory 1946	10,467	32,715	4,775
1945	9,577	30,726	4,031
1944	9,687	31,400	3,956

Table 12.--Dairy Cattle and Calves Sold for Meat in 1946

Island	Number Sold for Meat	Dressed Weight	Value at Slaughterhouse		
			Dressed carcasses	Offal, hides and tallow	Total
		<u>1,000 pounds</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Hawaii	276	88	18	3	21
Maui	334	124	24	4	28
Oahu	7,766	1,020	221	40	261
Kauai	167	54	10	2	12
Molokai	12	4	1	1	1
Territory 1946	8,605	1,290	274	49	323
1945 ^{1/}	7,024	1,212	251	36	287
1944 ^{1/}	5,240	1,205	247	33	280

^{1/} Revised estimates.

STATISTICS OF COMMERCIAL HOG FARMS ^{1/}

Table 13.-- Number of Hog Farms, August, 1946
by Island and Size of Herd

Number of swine, all ages	Hawaii	Maui	Oahu	Kauai	Molokai and Lanai	Territory
500 or over	-	1	5	-	1	7
300-499	2	-	9	1	-	12
100-299	16	13	109	10	-	148
10- 99	44	56	178	68	12	358
Total	62	70	301	79	13	525

Table 14.--Number of Hogs on Farms and Hog Marketings in 1946

Island	Hogs on Farms December 31, 1946			Hogs marketed for slaughter during year		
	Number of hogs and pigs 3 weeks old and over	Number of hogs 3 months old and over	Number of pigs 3 weeks to 3 months old	Delivered Slaughterhouse		
				Number	Live weight	Value
					1,000 pounds	1,000 dollars
Hawaii	4,200	2,900	1,300	4,600	658	176
Maui	3,700	2,500	1,200	5,030	820	220
Oahu	43,900	32,500	11,400	51,740	10,089	2,704
Kauai	3,600	2,300	1,300	3,330	506	136
Molokai and Lanai	1,500	1,000	500	1,440	309	83
Territory 1946	56,900	41,200	15,700	66,140	12,382	3,319
1945	80,000	52,100	27,900	63,800	15,952	3,111
1944	90,800	60,400	30,400	49,750	13,200	2,574

^{1/} Farms with 10 or more hogs of any age are considered commercial.

Table 15.--MISCELLANEOUS HOG STATISTICS BASED ON AUGUST 1946 SURVEY

Number of Swine over 3 Months Old Kept for Breeding Purposes and Grown for Market, August, 1946				Number of Farrowings, Pigs Born and Weaned in July and August, 1946			
Island	Market Hogs	Boars	Sows and Gilts	Sows farrowed	Live pigs born	Average live pigs born per farrowing	Pigs weaned
Hawaii	2,450	90	600	130	910	7.0	660
Maui	3,010	75	540	130	970	7.5	620
Oahu	27,970	690	5,920	1,520	9,990	6.6	6,810
Kauai	2,080	65	440	140	1,080	7.7	790
Molokai and Lanai	660	20	150	40	300	7.5	240
Territory	36,170	940	7,650	1,960	13,250	6.8	9,120

Table 16.--1946 SHEEP STATISTICS

Year	Number of Ranches	Number of Head on Ranches End of Year	Number of Head Marketed in 1946	Mutton		Wool		Value of Wool and Mutton
				Dressed weight	Value <u>1/</u>	Production	Value <u>2/</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>
1946	2	13,000	2,000	100	17	105	42	59
1945	2	20,000	3,000	153	26	160	64	90

1/ F.a.s. island port2/ At slaughter house

STATISTICS OF COMMERCIAL POULTRY FLOCKS 1/

Table 17.--Number of Poultry Farms in Territory, August 1946
By Island and Size of Flock

Number of hens 6 months old and over	Hawaii	Maui	Oahu	Kauai	Molokai	Territory
3,000 and over	-	3	17	-	-	20
1,500-2,999	6	2	30	-	-	38
500-1,499	20	7	95	3	-	125
100-499	230	42	215	67	11	565
Total	256	54	357	70	11	748

Table 18.--Production and Wholesale Value of Poultry Products in 1946

Island	Eggs		Meat Birds		
	Production	Wholesale value	Number	Live weight	Wholesale value
	1,000 dozens	1,000 dollars		1,000 pounds	1,000 dollars
Hawaii	554	324	71,900	260	135
Maui	317	265	34,200	129	66
Oahu	1,407	1,285	208,400	795	465
Kauai	79	67	10,600	40	21
Molokai	9	7	1,300	5	2
Territory 1946	2,366	1,948	326,400	1,229	689
1945	3,547	2,660	374,400	1,354	598
1944	4,141	3,106	403,900	1,406	634

1/ Poultry farms with 100 or more hens 6 months old or over are considered commercial.

Table 19.--NUMBER OF CHICKENS OF ALL AGES IN 1946

Island	1946						1945 ^{1/}
	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.	Dec.
Hawaii	93,000	106,500	83,800	78,800	66,400	64,000	69,700
Maui	46,600	53,800	43,000	35,700	31,400	31,900	34,200
Oahu	311,800	345,600	311,200	286,900	262,900	308,500	271,000
Kauai	11,900	17,800	14,700	12,300	11,100	9,400	9,600
Molokai	2,200	2,200	1,800	1,700	1,400	1,400	1,600
Territory 1946...	465,500	525,900	454,500	415,400	373,200	415,200	
1945...							386,100
1944...							386,200

^{1/}Revised estimates

Table 20.--NUMBER OF CHICKENS 6 MONTHS OLD OR OVER IN 1946

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
Hawaii	53,800	44,700	42,700	48,800	55,700	57,000
Maui	27,000	24,400	23,000	24,400	26,700	25,600
Oahu	176,800	150,700	141,900	149,300	144,500	152,200
Kauai	7,900	7,700	6,900	7,400	7,800	8,100
Molokai	1,000	900	800	800	800	900
Territory	266,500	228,400	215,300	230,700	235,500	244,600

Table 21.--NUMBER OF CHICKENS LESS THAN 6 MONTHS OLD IN 1946

Island	Feb.	Apr.	Jun.	Aug.	Oct.	Dec.
Hawaii	39,200	61,800	41,100	30,000	10,700	6,200
Maui	19,600	29,400	20,000	11,300	4,700	6,300
Oahu	135,000	194,900	169,300	137,600	118,400	156,300
Kauai	4,000	10,100	7,800	4,900	3,300	1,300
Molokai	1,200	1,300	1,000	900	600	500
Territory	199,000	297,500	239,200	184,700	137,700	170,600

Table 22.--EGG PRODUCTION BY MONTHS IN 1946

Island	Feb.	Apr.	June	Aug.	Oct.	Dec.
	dozen	dozen	dozen	dozen	dozen	dozen
Hawaii	55,400	55,100	47,800	39,500	33,900	34,800
Maui	30,000	32,000	27,600	22,700	19,200	21,400
Oahu	141,400	146,200	97,900	96,900	93,300	104,500
Kauai	5,800	9,200	7,400	5,300	4,700	6,100
Molokai	1,000	700	500	700	600	700
Territory	233,600	243,200	181,200	165,100	151,700	167,500

Table 23.--RATE OF LAY PER LAYING HEN IN THE TERRITORY IN 1946

Feb.	Apr.	June	Aug.	Oct.	Dec.	Year 1/
number of eggs						
10.5	12.8	10.1	8.6	7.7	8.2	119

1/ Number of eggs produced during year divided by the average number of layers during the year.

Table 24.--1946 STATISTICS OF HONEY AND BEESWAX

District	Apiaries	Colonies	Honey 1/	Value 2/	Yield per Colony
	number	number	1,000 pounds	1,000 dollars	pounds
Hawaii	3	716	120	24.0	167.6
Maui	17	1,302	141	28.2	108.3
Oahu	15	1,200	100	20.0	83.3
Kauai and Niihau	4	3,095	316	63.2	102.1
Molokai and Lanai	6	255	43	8.6	168.6
Total 1946	45	6,568	720	144.0	109.6
1945			589	70.6	
1944			667	80.0	
Beeswax					
Total 1946			7	2.6	
Beeswax and honey					
Total 1946			727	146.6	

1/ Extracted, in 5 gallon cans.

2/ F.a.s. island port. Honey valued at average of 20 cents per pound, beeswax at 37 cents.

Table 25.--1946, 1945, AND 1944 ACREAGE, PRODUCTION, AND WHOLESALE VALUE OF HAWAIIAN DIVERSIFIED CROPS 1/

Commodity	Acreage			Production			Value		
	1946	1945	1944	1946	1945	1944	1946	1945	1944
	acres			1,000 pounds			1,000 dollars		
Fruits 2/									
Avocados	264	271	279	1,360	2,362	2,148	132.7	239.7	215.0
Bananas 3/	976	986	958	8,174	8,434	6,293	404.5	480.9	283.0
Grapes	21	23	19	30	43	59	6.0	5.6	12.0
Limes	5	6	6	40	69	46	6.0	13.5	8.0
Mangos	222	150	84	80	143	122	12.0	28.3	31.0
Oranges	25	25	24	325	296	362	26.0	15.0	25.0
Papayas	518	579	546	7,563	6,847	6,020	282.5	272.6	241.0
Tangerines	15	15	15	115	130	93	20.7	13.0	9.0
Total fruits	2,046	2,055	1,931	17,687	18,324	15,143	890.4	1,068.6	824.0
Vegetables									
Asparagus	32	48	54	12	50	55	2.6	12.0	12.0
Beans, green lima	9	12	30	48	41	127	4.8	2.9	9.0
Beans, snap	358	376	700	2,750	2,490	3,512	331.2	278.3	261.0
Beets 4/	21	47	66	333	909	611	14.0	37.7	24.0
Broccoli	65	72	95	395	368	374	58.5	53.8	45.0
Burdock	37	14	12	477	226	273	167.8	32.0	41.0
Cabbage, head	667	306	904	9,271	9,929	9,584	473.7	362.3	383.0
Cabbage, oriental	232	300	254	2,925	3,086	2,915	208.5	171.5	175.0
Carrots 4/	305	370	463	3,487	3,175	3,555	284.3	191.6	213.0
Cauliflower	121	225	87	825	1,245	481	128.3	193.5	77.0
Celery	38	123	57	1,630	4,093	2,323	223.6	630.4	372.0
Corn, green	457	748	822	2,630	3,285	3,593	185.5	206.4	144.0
Cucumbers	663	663	545	4,535	5,188	3,934	390.1	463.9	315.0
Daikon 4/	207	171	188	2,990	2,968	2,971	109.8	106.8	119.0
Dasheens	34	22	17	280	208	293	64.6	10.2	13.0
Eggplant	51	78	68	825	1,032	1,149	48.8	47.2	63.0
Ginger root	23	16	10	550	350	277	101.5	38.2	25.0
Lettuce	428	757	653	3,895	5,844	4,885	435.0	603.1	586.0
Lotus root	45	49	40	370	364	323	92.5	50.8	39.0
Onions, dry	68	90	105	485	495	768	29.1	32.2	54.0
Onions, green	72	93	82	1,148	1,590	1,536	123.3	165.6	154.0
Peas (all types)	64	74	70	160	182	188	80.0	78.5	85.0
Peppers, sweet	79	109	91	580	702	512	116.0	105.8	77.0
Potatoes	165	604	1,289	995	3,150	7,831	49.8	157.5	392.0

Table 25 (continued)

Table 25 (continued)

Commodity	Acreage			Production			Value		
	1946	1945	1944	1946	1945	1944	1946	1945	1944
	acres			1,000 pounds			1,000 dollars		
<u>Vegetables (continued)</u>									
Pumpkins	39	108	72	235	510	525	17.0	19.1	24.0
Rhubarb	7	5	5	110	80	120	8.8	6.4	10.0
Squash, summer & Italian	26	68	81	345	648	822	25.9	39.6	58.0
Squash, misc.	38	65	23	490	631	399	27.3	31.8	20.0
Sweetpotatoes	320	313	294	2,430	2,070	2,000	166.5	106.3	90.0
Taro, (for mfr.)	815	882	910	11,480	16,150	15,435	568.5	574.5	542.0
Tomatoes	558	1,047	1,243	6,570	11,580	11,020	392.7	1,260.2	1,307.0
Turnips and rutabagas	10	68	66	170	925	609	6.8	32.0	24.0
Watercress	23	26	26	1,344	1,631	1,696	119.2	123.6	119.0
Watermelons	633	493	285	3,705	3,310	2,339	807.2	222.3	187.0
Yam bean root	21	13	10	215	243	190	13.1	13.2	10.0
Total vegetables	6,731	8,955	9,717	68,690	88,748	87,225	6,381.3	6,461.2	6,092.0
Total fruits and vegetables	8,777	11,010	11,648	86,377	107,072	102,368	7,272.2	7,529.8	6,916.0
<u>Miscellaneous Crops</u>									
Beans, dry	20	10	10	20	20	24	4.0	1.8	2.0
Coffee, green	4,000	4,000	4,000	6,250 ^{5/}	6,300	7,656	1,562.5	1028.2	1,250.0
Corn, shelled	789	1,250	3,850	755	1,115	3,300	34.6	37.9	99.0
Macadamia nuts, unshelled	755	770	696	760	622	553	114.0	87.6	77.0
Peanuts, unshelled	18	68	76	46	118	155	9.2	17.8	23.0
Rice, rough	182	116	175	572	735	910	137.3	73.5	90.0
Total miscellaneous crops	5,764	6,214	8,807	8,403	8,910	12,598	1,861.6	1,246.8	1,541.0
Total diversified crops	14,541	17,224	20,455	94,780	115,982	114,966	9,133.8	8,776.6	8,457.0

^{1/} Acreage for short-term crops consists of plantings that would normally be harvested in 1946. Acreage of tree and long-term crops is average acreage during the year. Production is calculated from recorded marketings, with adjustments for direct sales to retailers or consumers by farmers and for losses resulting from lack of market.

Value is calculated at average wholesale prices of marketings on the island of origin.

^{2/} Pineapples are not included. Production for fresh consumption estimated at approximately 2 million pounds in 1946.

^{3/} Includes cooking bananas.

^{4/} With tops on Oahu, topped on other islands.

^{5/} Preliminary estimate for 1946-47 crop.

TABLE 26.--ACREAGE, PRODUCTION, AND WHOLESALE VALUE OF HAWAIIAN DIVERSIFIED CROPS BY ISLAND OF ORIGIN^{1/}

COMMODITY	HAWAII			MAUI			OAHU			KAUAI			MOLOKAI		
	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															
A VOCADOS	132	905	81.5	17	95	9.5	110	310	37.2	5	50	4.5	-	-	-
BANANAS	41	530	21.2	50	310	14.0	850	7,085	354.9	12	160	7.2	1	10	0.5
BANANAS, COOKING	15	55	5.0	2	13	1.2	5	11	1.1	-	-	-	-	-	-
GRAPES	-	-	-	21	30	6.0	-	-	-	-	-	-	-	-	-
LIMES	-	-	-	-	-	-	5	40	6.0	-	-	-	-	-	-
MANGOS, CULTIVATED	-	-	-	119	30	4.5	27	50	7.5	-	-	-	76	-	-
ORANGES	25	325	26.1	-	-	-	-	-	-	-	-	-	-	-	-
PAPAYAS	13	195	6.8	18	180	6.3	480	7,125	267.2	5	45	1.6	2	18	0.6
TANGERINES	15	115	20.7	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL FRUITS 1946	241	2,125	161.2	227	658	41.5	1,477	14,621	673.3	22	255	13.3	79	28	1.1
1945	246	2,088	205.2	225	722	55.5	1,529	14,138	776.9	49	530	28.5	6	46	2.5
1944	223	2,279	188.0	196	760	65.0	1,489	11,652	542.0	22	442	28.0	1	10	1.0
VEGETABLES															
ASPARAGUS	-	-	-	-	-	-	32	12	2.6	-	-	-	-	-	-
BEANS, GREEN LIMA	2	13	1.3	-	-	-	7	35	3.5	-	-	-	-	-	-
BEANS, SNAP	81	615	61.5	58	330	33.0	199	1,605	216.7	15	160	16.0	5	40	4.0
BEETS 2/	8	155	6.2	6	90	3.6	7	88	4.2	-	-	-	-	-	-
BROCCOLI	25	105	13.7	7	55	7.2	33	235	37.6	-	-	-	-	-	-
BURDOCK	26	380	133.0	8	80	28.0	3	17	6.8	-	-	-	-	-	-
CABBAGE, HEAD	349	4,675	233.8	256	3,880	124.0	36	430	30.1	24	270	14.9	2	16	0.9
CABBAGE, ORIENTAL	65	640	38.4	46	605	36.3	114	1,615	129.2	4	45	3.2	3	20	1.4
CARROTS 2/	169	1,580	126.4	115	1,605	128.4	15	240	24.0	4	45	4.1	2	17	1.4
CAULIFLOWER	17	85	11.9	51	340	47.6	43	380	66.5	-	-	-	4	20	2.8
CELERY	17	925	120.3	9	295	38.4	11	375	60.0	1	35	4.9	-	-	-
CORN, GREEN	63	370	22.2	39	130	7.8	234	1,385	110.8	114	720	43.2	7	25	1.5
CUCUMBERS	266	1,685	134.8	123	865	69.2	131	1,365	136.5	71	570	45.6	12	50	4.0
DAIKON 2/	124	1,570	55.0	21	350	12.3	57	395	39.8	4	65	2.3	1	10	0.4
CASHEES	16	125	27.5	1	10	2.2	13	100	25.0	4	45	9.9	-	-	-
EGGPLANT	8	115	6.3	7	95	6.4	22	430	25.0	5	80	4.8	9	105	6.3
GINGER ROOT	13	425	76.5	2	50	10.0	3	15	3.0	5	60	12.0	-	-	-
LETTUCE	299	2,750	302.5	73	490	53.9	52	625	75.0	4	30	3.6	-	-	-
LOTUS ROOT	-	-	-	-	-	-	45	370	92.5	-	-	-	-	-	-
ONIONS, DRY	-	-	-	68	485	29.1	-	-	-	-	-	-	-	-	-
ONIONS, GREEN	15	215	21.5	3	55	5.5	52	850	93.5	1	16	1.6	1	12	1.2
PEAS (ALL TYPES)	9	30	15.0	21	60	30.0	34	70	35.0	-	-	-	-	-	-
PEPPERS, SWEET	24	175	35.0	12	85	17.0	27	220	44.0	16	100	20.0	-	-	-
POTATOES	56	330	16.5	101	595	29.8	6	50	2.5	2	20	1.0	-	-	-
PUMPKINS	5	45	2.0	25	115	5.2	6	50	2.5	1	10	0.5	2	15	6.8
RHUBARB	6	95	7.6	1	15	1.2	-	-	-	-	-	-	-	-	-
SQUASH, SUM. & IT.	24	320	24.0	2	25	1.9	-	-	-	-	-	-	-	-	-
SQUASH, MISC.	24	120	6.0	-	-	-	10	275	16.5	-	-	-	4	95	4.8
SWEET POTATOES	106	1,095	65.7	10	95	5.7	169	1,035	82.8	22	170	10.2	13	35	2.1

TABLE 26 (CONTINUED)

COMMODITY	HAWAII			MAUI			OAHU			KAUAI			MOLOKAI			
	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 (CONTINUED)																
TARO (FOR MGR.)	175	2,190	115.0	50	975	45.3	455	6,135	306.8	100	2,085	97.0	35	95	4.4	
TOMATOES	106	1,365	177.5	165	2,005	260.7	170	1,920	288.0	104	1,205	156.7	13	75	9.8	
TURNIPS & RUTABAGAS	6	110	4.4	4	60	2.4	-	-	-	-	-	-	-	-	-	
WATERCRESS	1	65	5.2	1	24	1.9	19	1,170	105.3	2	85	6.8	-	-	-	
WATERMELONS	118	610	122.0	76	440	88.0	378	2,205	507.2	35	380	76.0	26	70	14.0	
YAM BEAN ROOT	1	30	2.7	-	-	-	6	30	9.0	14	155	12.4	-	-	-	
TOTAL VEGETABLES	1946	2,224	23,008	1,991.4	1,361	14,304	1,202.0	2,455	24,327	2,575.9	552	6,351	546.7	139	700	65.8
	1945	2,809	29,335	1,940.2	1,825	15,067	1,053.9	2,969	32,691	2,704.3	1,062	9,664	673.0	290	1,391	89.8
	1944	2,628	26,377	1,694.7	1,855	13,328	950.3	3,819	36,359	2,721.1	1,215	9,512	671.9	240	986	54.0
TOTAL FRUITS & VEGETABLES	1946	2,465	25,133	2,062.6	1,588	14,962	1,243.5	3,932	38,948	3,249.2	574	6,606	560.0	218	728	66.9
	1945	3,055	32,823	2,145.4	2,050	15,789	1,109.4	4,498	46,829	3,481.2	1,111	10,194	701.5	296	1,437	92.3
	1944	2,851	29,256	1,882.7	2,051	14,088	1,015.3	5,308	48,011	3,263.1	1,237	9,954	699.9	241	996	55.0
MISCELLANEOUS CROPS																
BEANS, DRY	-	-	-	20	20	4.0	-	-	-	-	-	-	-	-	-	
COFFEE, GREEN	4,000	6,250	2/1,562.5	-	-	-	-	-	-	-	-	-	-	-	-	
CORN, SHELLED	497	515	23.6	110	135	6.2	-	-	-	6	5	0.2	176	100	4.6	
MACADAMIA NUTS 1/	555	560	84.0	6	10	1.5	114	20	3.0	78	170	25.5	2	-	-	
PEANUTS, UNSHELLED	8	16	3.2	-	-	-	10	30	6.0	-	-	-	-	-	-	
RICE, ROUGH	-	-	-	-	-	-	-	-	-	182	572	137.3	-	-	-	
TOTAL MISCELLANEOUS CROPS	1946	5,060	7,341	1,673.3	136	165	11.7	124	50	9.0	266	747	163.0	178	100	4.6
	1945	5,334	7,495	1,126.9	159	215	9.3	129	73	11.0	242	917	92.5	350	198	5.7
TOTAL DIVERSIFIED CROPS	1946	7,525	32,474	3,795.9	1,724	15,127	1,255.2	4,056	38,998	3,258.2	840	7,353	723.0	396	828	71.5
	1945	8,389	40,318	3,272.3	2,209	16,004	1,118.7	4,627	46,902	3,432.2	1,353	11,111	794.0	646	1,635	98.0

1/ ACREAGE FOR SHORT-TERM CROPS CONSISTS OF PLANTINGS THAT WOULD NORMALLY BE HARVESTED IN 1946. ACREAGE OF TREE AND LONG-TERM CROPS IS AVERAGE ACREAGE DURING THE YEAR. PRODUCTION IS CALCULATED FROM RECORDED MARKETINGS, WITH ADJUSTMENTS FOR DIRECT SALES TO RETAILERS OR CONSUMERS BY FARMERS AND FOR LOSSES RESULTING FROM LACK OF MARKET. VALUE IS CALCULATED AT AVERAGE WHOLESALE PRICES OF MARKETINGS ON THE ISLAND OF ORIGIN.

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

3/ PRELIMINARY ESTIMATE FOR 1946-47 CROP.

4/ UNSHELLED.

Table 27.--1946, 1945, AND 1944 AVERAGE YIELDS PER ACRE OF SPECIFIED CROPS

Commodity	Territory			Hawaii			Maui			Oahu			Kauai			Molokai	
	1946	1945	1944	1946	1945	1944	1946	1945	1944	1946	1945	1944	1946	1945	1944	1946	1945
	1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds	
Fruits																	
Avocados	5.2	6.7	7.7	6.9	11.3	8.9	5.6	6.0	6.5	2.3	5.5	6.5	10.0	7.5	6.3	-	-
Bananas	8.5	8.6	6.6	12.9	11.4	8.8	6.2	5.8	5.6	8.3	8.4	6.3	13.3	13.0	-	10.0	12.0
Oranges	13.0	11.8	15.1	13.0	12.0	16.9	-	9.0	-	-	-	-	-	12.0	-	-	-
Papayas	14.6	11.8	11.0	15.0	14.2	-	10.0	9.2	-	14.8	11.9	10.8	9.0	10.0	-	9.0	12.0
Tangerines	-	-	-	7.7	8.6	6.2	-	-	-	-	-	-	-	-	-	-	-
Vegetables																	
Beans, green lima	5.3	3.4	4.2	6.5	6.5	5.8	-	2.5	3.1	5.0	2.6	4.1	-	5.0	5.7	-	-
Beans, snap	7.7	6.6	5.2	7.6	10.6	7.7	5.7	4.1	4.2	8.1	6.7	4.7	10.7	9.3	5.7	8.0	4.4
Beets	15.9	19.3	9.3	19.4	22.3	12.4	15.0	16.7	12.3	12.6	12.5	10.0	-	10.0	3.3	-	9.0
Broccoli	6.1	5.1	3.9	4.2	3.4	2.9	7.8	5.0	3.3	7.1	5.9	6.5	-	4.2	3.2	-	-
Cabbage, head	13.9	12.3	10.6	13.4	15.1	12.2	15.1	11.2	9.4	11.9	7.9	8.3	11.2	8.6	10.0	8.0	7.0
Cabbage, oriental	12.6	10.3	11.5	9.8	9.8	10.5	13.1	9.8	6.3	14.2	10.6	14.0	11.2	11.3	9.5	6.7	6.7
Carrots	11.4	8.6	7.7	9.3	9.0	7.9	13.0	7.7	7.5	16.0	12.5	8.1	11.2	7.1	6.9	8.5	6.4
Cauliflower	6.8	5.6	5.5	5.0	3.9	3.7	6.7	4.5	5.2	7.8	3.3	9.7	-	5.0	-	5.0	4.1
Celery	42.9	36.2	40.7	54.4	52.4	30.4	32.8	29.3	23.5	34.1	24.7	32.2	35.0	26.5	-	-	-
Corn, green	5.7	4.4	4.4	5.9	6.5	-	3.3	4.3	3.4	5.9	4.1	3.8	6.3	3.6	4.6	3.8	-
Cucumbers	6.8	7.8	7.2	6.3	7.2	6.8	7.0	7.1	5.5	7.1	8.6	8.8	8.0	9.4	7.5	4.2	7.5
Daikon	14.4	17.4	15.8	12.7	16.6	14.4	16.7	18.5	-	17.5	13.3	16.8	16.3	18.3	-	10.0	14.2
Dasheens	8.2	9.5	17.2	7.8	10.2	17.5	10.0	11.0	-	7.7	9.0	15.0	11.3	8.7	-	-	-
Eggplant	16.2	13.2	16.8	14.4	12.1	-	13.6	12.4	-	19.5	13.2	16.9	16.0	14.4	17.1	11.7	13.8
Lettuce	9.1	7.7	7.5	9.2	7.9	7.3	6.7	5.9	6.6	12.0	9.9	9.6	7.5	8.0	6.6	8.0	9.0
Lotus root	-	-	-	-	-	-	-	-	-	8.2	7.4	8.1	-	-	-	-	-
Onions, dry	-	-	-	-	-	-	7.1	5.5	7.3	-	-	-	-	-	-	-	-
Onions, green	15.9	17.1	18.7	14.3	20.0	20.5	18.3	17.5	12.3	16.3	16.1	16.0	16.0	24.3	19.1	12.0	20.0
Peas (all types)	2.5	2.5	2.7	3.3	2.3	-	2.8	2.0	-	2.1	2.2	-	-	2.2	1.7	-	-
Peppers, sweet	7.3	6.4	5.6	7.3	6.5	5.2	7.1	4.9	5.1	8.1	6.3	5.4	6.3	7.8	7.5	-	-
Potatoes	6.0	5.2	6.1	5.9	5.1	6.1	5.9	5.9	3.1	8.3	5.8	7.1	10.0	9.2	10.1	-	2.3
Pumpkins	6.0	4.7	7.3	9.0	10.0	-	4.6	4.1	-	8.3	-	-	10.0	-	-	7.5	-
Rhubarb	15.7	16.0	24.0	15.8	16.3	24.5	15.0	15.0	22.0	-	-	-	-	-	-	-	-
Squash, sum. & It.	-	-	-	13.3	9.8	13.7	12.5	-	-	-	-	-	-	-	-	-	-
Sweetpotatoes	7.6	6.6	6.3	10.3	9.0	12.1	9.5	8.3	10.3	6.1	5.4	7.9	7.7	6.2	-	2.7	10.0
Taro (for mfr.)	14.1	18.3	17.0	12.6	15.9	17.1	15.5	18.0	13.4	13.5	20.4	18.4	20.8	19.6	15.3	2.7	-
Tomatoes	11.8	11.1	8.9	12.9	12.2	7.8	12.1	10.8	8.1	11.3	10.9	9.4	11.6	10.9	10.0	5.8	9.7
Turnips & rutabagas	17.0	13.6	9.2	18.3	18.0	12.0	15.0	10.1	-	-	-	-	-	12.5	5.4	-	-
Watercress	58.4	62.7	65.2	65.0	65.0	-	-	-	-	61.6	67.6	67.0	42.5	-	-	-	-

Table 27 (continued)

Commodity	Territory			Hawaii			Maui			Oahu			Kauai			Molokai	
	1946	1945	1944	1946	1945	1944	1946	1945	1944	1946	1945	1944	1946	1945	1944	1946	1945
	1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds			1,000 pounds	
Vegetables (continued)																	
Watermelons	5.9	6.7	8.2	5.2	6.0	5.7	5.8	10.1	8.3	5.8	6.2	8.4	10.8	10.7	12.3	2.7	1.0
Miscellaneous crops																	
Coffee	-	-	-	1.6	1.5	1.9	-	-	-	-	-	-	-	-	-	-	-
Corn, shelled	1.0	0.9	0.9	1.0	0.9	-	1.2	1.3	-	-	-	-	0.8	1.5	-	0.6	0.6
Macadamia nuts 1/	1.0	0.8	0.8	1.0	0.8	0.8	1.7	0.7	-	0.2	0.4	-	2.1	1.4	0.6	-	-
Peanuts, unshelled	2.6	1.7	2.0	2.0	1.6	2.6	-	3.0	-	3.0	2.0	-	-	1.7	-	-	-
Rice, rough	-	-	-	-	-	-	-	-	-	-	-	-	3.1	6.3	5.2	-	-

1/ Unshelled.

Table 28.--PRICES PER POUND USED IN CALCULATING AVERAGE 1946
WHOLESALE VALUE OF FRUITS, VEGETABLES, AND MISCELLANEOUS CROPS

Commodity	Hawaii Cents	Maui Cents	Oahu Cents	Kauai Cents	Molokai Cents
Fruits					
Avocados	9	10	12	9	-
Bananas	4	4.5	5	4.5	4.5
Bananas, cooking	9	9	10.25	-	-
Grapes	-	20	-	-	-
Limes	-	-	15	-	-
Mangoes, cultivated	-	15	20	-	-
Oranges	8	-	-	-	-
Papayas	3.5	3.5	3.75	3.5	3.5
Tangerines	18	-	-	-	-
Vegetables					
Asparagus	-	-	22	-	-
Beans, green lima	10	-	10	-	-
Beans, snap	10	10	13.5	10	10
Beets	4	4	4.75	-	-
Broccoli	13	13	16	-	-
Burdock	35	35	40	-	-
Cabbage, head	5	5	7	5.5	5.5
Cabbage, oriental	6	6	8	7	7
Carrots	8	8	10	9	8
Cauliflower	14	14	17.5	-	14
Celery	13	13	16	14	-
Corn, green	6	6	6	6	6

Table 28 (continued)

Commodity	Hawaii Cents	Maul Cents	Oahu Cents	Kauai Cents	Molokai Cents
<u>Vegetables (continued)</u>					
Cucumbers	8	8	10	8	8
Daikon	3.5	3.5	4	3.5	3.5
Dasheens	22	22	25	22	"
Eggplant, long	7	7	7.5	6	6
Eggplant, round	4	4	4.75	4	4
Ginger root	18	20	20	20	"
Lettuce	11	11	12	12	"
Lotus root	-	-	25	-	"
Onions, dry	-	6	-	-	"
Onions, green	10	10	11	10	10
Peas (all types)	50	50	50	-	"
Peppers, sweet	20	20	20	20	"
Potatoes	5	5	5	5	"
Pumpkins	4.5	4.5	5	4.5	4.5
Rhubarb	8	8	-	-	"
Squash, summer and Italian	7.5	7.5	-	-	"
Squash, misc.	5	-	6	5	"
Sweetpotatoes	6	6	8	6	6
Taro (for mfr.)	5.25	4.65	5	4.65	4.65
Tomatoes	13	13	15	13	13
Turnips and rutabagas	4	4	-	"	"
Watercress	8	8	9	8	"
Watermelons	20	20	23	20	20
Yam bean root	9	-	10	8	"
<u>Miscellaneous crops</u>					
Beans, dry	-	20	-	-	"
Coffee, green	-	-	25 1/	-	"
Corn, shelled	4.6	4.6	-	4.6	4.6
Macadamia nuts, 1/	15	15	15	15	"
Peanuts, unshelled	20	-	20	"	"
Rice, rough	-	-	-	24	"
Honey, extracted	18	18	18	18	18
Beeswax	37	37	37	37	37

1/ Unshelled

Table 29.--SUMMARY OF 1946 ESTIMATED HAWAIIAN FRUIT AND VEGETABLE PRODUCTION BY COMMODITIES AND MONTHS

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Fruits	1,000 pounds													
Avocados	144	103	134	97	80	60	125	140	108	128	106	135	1360	2353
Bananas	639	653	454	496	569	646	666	706	776	846	818	826	8095	8434*
Bananas, cooking	7	6	6	6	7	7	7	7	7	7	6	6	79	-
Grapes	-	-	-	-	1	5	4	10	10	-	-	-	30	40
Limes	4	2	2	1	1	2	6	9	4	6	2	1	40	56
Mangos	-	-	-	-	6	25	30	12	6	1	-	-	80	125
Oranges	10	2	2	-	-	-	1	5	40	65	160	40	325	275
Papayas	510	521	716	814	756	782	839	732	542	544	424	383	7563	6847
Tangerines	7	1	1	1	-	-	-	-	-	15	45	45	115	130
Total fruits 1946	1321	1288	1315	1415	1420	1527	1678	1621	1493	1612	1561	1436	17687	
1945	1080	1025	1130	1210	1428	1782	1884	1849	1723	1771	1782	1596		18260
Vegetables														
Asparagus	5	4	2	1	-	-	-	-	-	-	-	-	12	47
Beans, green lima	1	1	-	2	2	6	7	8	8	7	4	2	48	26
Beans, snap	238	168	189	274	340	279	184	194	234	236	197	217	2750	2490
Beets	23	48	26	26	55	50	23	15	14	24	16	13	333	890
Broccoli	25	27	39	55	50	44	33	41	23	20	18	20	395	355
Burdock	24	35	31	33	36	34	44	46	49	41	42	62	477	215
Cabbage, head	1068	973	828	972	1112	856	831	463	536	533	483	616	9271	9929
Cabbage, oriental	297	256	298	294	280	139	197	146	215	254	261	288	2925	3086
Carrots	173	207	282	395	423	412	308	368	281	246	189	203	3487	3175
Cauliflower	115	104	77	124	46	54	30	44	34	30	82	85	825	1165
Celery	190	175	220	200	175	165	140	120	80	70	47	48	1630	4093
Corn, green	134	196	250	210	212	242	224	282	192	270	270	148	2630	3285
Cucumbers	169	170	203	309	660	613	585	478	444	337	300	267	4535	5188
Daikon	268	234	247	273	315	243	212	207	232	288	220	251	2990	2968
Dasheens	18	10	8	5	16	15	19	16	23	66	43	41	280	208
Eggplant	67	43	33	47	45	66	90	96	96	78	92	72	825	1032
Ginger root	61	42	40	40	53	18	30	83	37	55	50	41	550	350
Lettuce	570	396	283	405	466	341	286	196	267	251	197	237	3895	5835
Lotus root	30	20	15	1	2	2	2	3	90	85	45	75	370	357
Onions, dry	-	-	-	2	35	130	140	120	45	8	3	2	485	495

* Includes cooking bananas

Table 29 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Onions, green	92	71	106	145	128	93	117	104	86	76	70	60	1148	1590
Peas (all types)	11	8	5	18	26	18	11	14	14	13	14	8	160	169
Peppers, sweet	30	30	26	28	56	57	87	65	68	61	43	29	580	702
Potatoes	67	117	146	86	120	166	99	75	36	27	25	31	995	3010
Pumpkins	15	12	4	11	24	30	35	18	19	27	27	13	235	510
Rhubarb	7	8	14	12	14	11	9	10	9	7	4	5	110	80
Squash, sum. & It.	11	5	11	13	25	71	85	45	28	22	11	18	345	640
Squash, misc.	43	25	16	25	30	59	83	62	46	50	35	16	490	603
Sweetpotatoes	179	152	164	215	168	237	165	212	303	256	199	180	2430	2070
Taro (for mfr.)	1310	1390	1210	950	729	809	899	764	734	753	1014	918	11480	16150
Tomatoes	457	376	376	562	982	956	545	375	315	578	551	497	6570	11580
Turnips & rutabagas	47	37	32	4	17	6	15	10	1	-	1	-	170	850
Watercress	100	101	127	117	124	122	107	108	110	98	108	122	1344	1595
Watermelons	-	-	-	25	247	725	1065	795	420	260	63	105	3705	3310
Yam bean root	13	18	32	26	30	20	20	8	11	6	10	21	215	243
Total Veg. 1946	5858	5459	5340	5905	7043	7089	6727	5591	5100	5133	4734	4711	68690	
1945	6239	6698	7142	7755	9012	9695	8871	7353	6432	6403	6290	6401		88291
Total Fruits & Vegetables 1946	7179	6747	6655	7320	8463	8616	8405	7212	6593	6745	6295	6147	86377	
1945	7319	7723	8272	8965	10440	11477	10755	9202	8155	8174	8072	7997		106551

Table 30.--1946 ESTIMATED MONTHLY PRODUCTION OF DIVERSIFIED CROPS - BY COMMODITIES AND ORIGIN

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Fruits 1/ Avocados	1,000 pounds													
Hawaii	100	65	95	60	40	45	70	80	70	110	75	95	905	1560
Maui	12	11	7	12	10	6	2	5	4	8	8	10	95	108
Oahu	30	25	30	25	30	5	45	45	25	5	20	25	310	610
Kauai	2	2	2	-	-	4	8	10	9	5	3	5	50	75
Total 1946	144	103	134	97	80	60	125	140	108	128	106	135	1360	
1945	193	164	155	133	87	155	271	304	250	249	195	197		2353
1944	181	181	191	159	64	145	250	199	227	192	191	168		2148

1/Fresh pineapples for market not included

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
<u>Fruits (continued)</u>	<u>1,000 pounds</u>													
Bananas														
Hawaii	30	20	20	45	55	45	50	55	55	50	50	55	530	625
Maui	25	25	25	20	30	30	20	25	30	30	25	25	310	285
Oahu	575	600	400	425	475	550	575	610	675	750	725	725	7085	7175
Kauai	8	8	8	5	8	20	20	15	15	15	18	20	160	325
Molokai	1	-	1	1	1	1	1	1	1	1	-	1	10	24
Total 1946	639	653	454	496	569	646	666	706	776	846	818	826	8095	
1945	476	426	522	526	677	777	817	857	849	833	842	832		8434*
1944	853	750	550	338	270	285	380	432	545	630	695	565		6293
Bananas, cooking														
Hawaii	4	4	4	4	5	5	5	5	5	5	4	5	55	
Maui	2	1	1	1	1	1	1	1	1	1	1	1	13	
Oahu	1	1	1	1	1	1	1	1	1	1	1	-	11	
Total 1946	7	6	6	6	7	7	7	7	7	7	6	6	79	
Grapes														
Maui 1946	-	-	-	-	1	5	4	10	10	-	-	-	30	
1945	-	-	-	-	1	4	10	25	-	-	-	-		40
1944	-	-	-	-	-	4	20	25	3	-	-	-		52
Limes														
Oahu 1946	4	2	2	1	1	2	6	9	4	6	2	1	40	
1945	2	3	5	5	5	4	5	5	4	8	5	5		56
1944	1	1	1	2	1	-	-	-	6	5	10	3		30

*Includes cooking bananas.

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
<u>Fruits (continued)</u>	<u>1,000 pounds</u>													
Mangos														
Maui	-	-	-	-	1	15	10	2	1	1	-	-	30	105
Oahu	-	-	-	-	5	10	20	10	5	-	-	-	50	20
Total 1946	-	-	-	-	6	25	30	12	6	1	-	-	80	
1945	-	-	-	1	8	64	45	7	-	-	-	-		125
1944	-	-	-	1	12	40	35	10	5	-	-	-		103
Oranges														
Hawaii 1946	10	2	2	-	-	-	1	15	40	65	160	40	325	
1945	15	10	5	-	-	-	-	-	40	55	100	50		275
1944	30	8	4	1	1	-	-	-	2	50	200	60		356
Papayas														
Hawaii	5	5	10	10	15	25	25	20	25	20	20	15	195	285
Maui	10	10	10	10	15	20	20	15	20	20	15	15	180	175
Oahu	490	500	690	790	720	730	790	690	490	500	385	350	7125	6275
Kauai	4	5	5	3	5	6	3	3	3	3	3	2	45	100
Molokai	1	1	1	1	1	1	1	4	4	1	1	1	18	12
Total 1946	510	521	716	814	756	782	839	732	542	544	424	383	7563	
1945	384	412	440	543	650	778	736	651	570	591	600	492		6847
1944	333	235	302	398	656	751	666	584	494	544	569	438		6020
Tangerines														
Hawaii 1946	7	1	1	1	-	-	-	-	-	15	45	45	115	
1945	10	10	3	2	-	-	-	-	10	35	40	20		130
1944	15	4	-	-	-	-	-	-	2	7	25	40		93

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
<u>1,000 pounds</u>														
<u>Vegetables</u>														
Asparagus														
Oahu 1946	5	4	2	1	-	-	-	-	-	-	-	-	12	
1945	8	7	5	5	5	2	1	-	2	3	4	5		47
1944	6	8	7	7	1	1	1	2	2	5	7	8		55
Beans, green lima														
Hawaii	-	-	-	-	-	1	3	3	2	2	1	1	13	13
Oahu	1	1	-	2	2	5	4	5	6	5	3	1	35	13
Total 1946	1	1	-	2	2	6	7	8	8	7	4	2	48	
1945	2	2	2	2	2	2	2	2	3	3	2	2		26
1944	8	8	6	5	9	13	9	8	13	7	6	6		98
Beans, snap														
Hawaii	40	30	45	70	75	70	45	45	45	50	50	50	615	520
Maui	45	30	20	30	50	30	15	10	30	30	20	20	330	485
Oahu	140	100	110	150	185	160	110	120	145	145	115	125	1605	940
Kauai	10	5	10	20	25	15	10	15	10	10	10	20	160	465
Molokai	3	3	4	4	5	4	4	4	4	1	2	2	40	80
Total 1946	238	168	189	274	340	279	184	194	234	236	197	217	2750	
1945	208	178	170	212	320	230	220	200	200	185	182	185		2490
1944	219	234	168	230	345	452	445	342	308	278	243	248		3512
Beets ^{1/}														
Hawaii	12	35	6	6	18	25	15	5	7	15	6	5	155	690
Maui	3	7	12	12	22	20	3	2	1	3	3	2	90	100
Oahu	8	6	8	8	15	5	5	8	6	6	7	6	88	100
Total 1946	23	48	26	26	55	50	23	15	14	24	16	13	333	
1945	16	54	85	120	142	97	192	67	22	33	30	32		890
1944	20	30	74	28	26	75	63	56	42	66	34	14		528

^{1/}With tops on Oahu, topped on other islands

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	<u>1,000 pounds</u>													
Broccoli														
Hawaii	5	6	7	8	5	15	12	20	8	8	7	4	105	65
Maui	5	6	12	12	5	4	1	1	-	-	3	6	55	30
Oahu	15	15	20	35	40	25	20	20	15	12	8	10	235	260
Total 1946	25	27	39	55	50	44	33	41	23	20	18	20	395	
1945	22	19	22	31	42	40	35	38	30	25	26	25		355
1944	18	24	32	31	38	26	24	34	25	20	19	20		311
Burdock														
Hawaii	20	30	25	25	30	25	35	35	40	30	35	50	380	185
Maui	2	3	5	7	5	8	8	10	8	10	4	10	80	20
Oahu	2	2	1	1	1	1	1	1	1	1	3	2	17	10
Total 1946	24	35	31	33	36	34	44	46	49	41	42	62	477	
1945	25	20	24	17	17	21	11	16	16	17	13	18		215
1944	8	9	18	24	21	24	38	33	18	23	24	22		262
Cabbage, head														
Hawaii	350	335	255	425	425	600	700	300	425	380	250	230	4675	5510
Maui	625	570	510	450	560	200	90	125	100	140	210	300	3880	3060
Oahu	80	50	35	60	100	15	6	13	1	8	7	55	430	780
Kauai	10	15	25	35	25	40	35	25	10	5	15	30	270	565
Molokai	3	3	3	2	2	1	-	-	-	-	1	1	16	14
Total 1946	1068	973	828	972	1112	856	831	463	536	533	483	616	9271	
1945	586	812	1034	927	1112	926	886	945	590	515	700	896		9929
1944	512	741	992	1075	880	840	655	750	1011	708	650	770		9584

Table 34 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1944	Total 1945
Vegetables (continued)	1,000 pounds													
Cabbage, oriental														
Hawaii	50	40	50	50	50	50	60	40	60	65	50	75	640	520
Maui	60	110	90	75	35	5	8	2	50	55	45	70	605	236
Oahu	175	100	150	165	190	80	125	100	100	130	160	140	1615	2110
Kauai	8	2	5	2	4	3	3	3	4	4	5	2	45	160
Molokai	4	4	3	2	1	1	1	1	1	-	1	1	20	60
Total 1946	297	256	298	294	280	139	197	146	215	254	261	288	2925	
1945	413	390	344	356	313	223	115	117	140	156	202	317		3086
1944	288	293	273	340	227	155	155	135	149	265	275	360		2915
Carrots ^{1/}														
Hawaii	100	120	115	130	160	190	175	200	150	100	65	75	1580	1770
Maui	55	70	140	235	235	180	100	145	110	125	105	105	1605	880
Oahu	15	15	25	25	20	25	20	20	20	20	15	20	240	250
Kauai	2	1	1	3	5	15	10	1	1	1	3	2	45	205
Molokai	1	1	1	2	3	2	3	2	-	-	1	1	17	70
Total 1946	173	207	282	395	423	412	308	368	281	246	189	203	3487	
1945	218	226	330	338	463	374	268	256	198	194	148	162		3175
1944	205	170	245	330	345	455	440	308	278	277	241	261		3555
Cauliflower														
Hawaii	10	10	5	3	5	3	3	10	8	8	10	10	85	90
Maui	30	50	40	65	10	20	10	15	5	10	40	45	340	485
Oahu	70	40	30	55	30	30	15	18	20	12	30	30	380	545
Molokai	5	4	2	1	1	1	2	1	1	-	2	-	20	45
Total 1946	115	104	77	124	46	54	30	44	34	30	82	85	825	
1945	78	63	63	54	91	95	70	89	172	103	127	160		1165
1944	16	21	21	31	32	33	34	57	54	47	60	75		481

^{1/} With tops on Oahu, topped on other islands

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Celery														
Hawaii	80	70	105	60	90	90	115	100	75	65	35	40	925	1835
Maui	40	30	30	70	30	25	20	20	5	5	12	8	295	575
Oahu	70	75	85	50	40	50	5	-	-	-	-	-	375	1630
Kauai	-	-	-	20	15	-	-	-	-	-	-	-	35	53
Total 1946	190	175	220	200	175	165	140	120	80	70	47	48	1630	
1945	360	441	510	695	745	474	273	95	95	105	115	185		4093
1944	80	82	170	180	159	373	212	147	265	232	183	240		2323
Corn, green														
Hawaii	4	6	10	5	5	35	50	50	25	70	70	40	370	975
Maui	25	15	20	15	10	10	7	5	-	10	10	3	130	265
Oahu	70	130	165	120	120	100	100	130	100	140	125	85	1385	1025
Kauai	35	40	50	65	75	95	65	95	65	50	65	20	720	1020
Molokai	-	5	5	5	2	2	2	2	2	-	-	-	25	-
Total 1946	134	196	250	210	212	242	224	282	192	270	270	148	2630	
1945	310	555	545	275	330	210	235	155	145	170	225	130		3285
1944	149	166	215	233	330	415	515	230	325	535	280	200		3593
Cucumbers														
Hawaii	60	55	90	90	160	200	220	270	210	155	80	95	1685	1785
Maui	12	55	40	50	110	150	120	85	125	70	8	40	865	960
Oahu	50	40	40	85	275	250	175	100	85	75	100	90	1365	1630
Kauai	35	15	30	80	110	110	65	20	20	35	10	40	570	715
Molokai	12	5	3	4	5	3	5	3	4	2	2	2	50	98
Total 1946	169	170	203	309	660	613	585	478	444	337	300	267	4535	
1945	359	228	244	391	660	660	590	559	505	415	235	342		5188
1944	139	172	165	180	380	675	550	465	410	271	297	230		3934
Daikon														
Hawaii	150	120	150	160	180	140	110	80	120	150	90	120	1570	1330
Maui	30	40	20	20	30	25	20	30	30	35	35	35	350	333
Oahu	85	70	75	90	100	65	75	90	75	90	90	90	995	1095
Kauai	2	3	1	2	4	12	6	6	6	13	5	5	65	110
Molokai	1	1	1	1	1	1	1	1	1	-	-	1	10	100
Total 1946	268	234	247	273	315	243	212	207	232	288	220	251	2990	
1945	257	192	242	278	330	232	227	217	215	208	275	295		2968
1944	245	222	174	230	225	212	305	230	258	320	245	305		2971

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Dasheens														
Hawaii	10	5	2	-	5	8	10	8	15	35	15	12	125	90
Maui	1	-	1	-	-	-	-	-	1	2	2	3	10	11
Oahu	6	4	5	5	8	2	3	3	4	20	20	20	100	81
Kauai	1	1	-	-	3	5	6	5	3	9	6	6	45	26
Total 1946	18	10	8	5	16	15	19	16	23	66	43	41	280	
1945	25	25	19	8	7	12	14	12	12	23	27	24		208
1944	28	24	20	15	11	14	16	20	24	28	38	55		293
Eggplant														
Hawaii	10	4	4	4	3	4	6	6	18	20	16	20	115	145
Maui	6	5	5	6	3	8	9	12	16	11	8	6	95	87
Oahu	40	28	18	30	32	32	55	55	35	20	50	35	430	435
Kauai	3	3	3	2	2	7	10	15	12	12	8	3	80	130
Molokai	8	3	3	5	5	15	10	8	15	15	10	8	105	235
Total 1946	67	43	33	47	45	66	90	96	96	78	92	72	825	
1945	43	50	63	58	67	86	74	84	126	163	115	101		1032
1944	75	92	74	63	68	85	86	126	139	137	106	98		1149
Ginger root														
Hawaii	55	30	35	35	50	15	25	60	25	40	30	25	425	285
Maui	1	1	1	4	2	3	3	8	8	8	8	3	50	12
Oahu	2	1	1	1	1	-	-	-	-	2	4	3	15	19
Kauai	3	10	3	-	-	-	2	15	4	5	8	10	60	34
Total 1946	61	42	40	40	53	18	30	83	37	55	50	41	550	
1945	41	31	58	17	22	21	6	22	13	21	31	67		350
1944	44	44	21	27	12	12	9	11	4	27	30	36		277
Lettuce														
Hawaii	455	325	180	235	355	295	210	90	175	160	110	160	2750	4115
Maui	35	30	50	110	65	20	25	25	40	45	20	25	490	860
Oahu	70	40	50	55	45	25	50	80	50	45	65	50	625	780
Kauai	10	1	3	5	1	1	1	1	2	1	2	2	30	80
Total 1946	570	396	283	405	466	341	286	196	267	251	197	237	3895	
1945	405	622	445	320	763	1040	543	307	347	322	343	378		5835
1944	195	309	428	510	580	515	370	425	545	495	250	263		4865

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Lotus root														
Oahu 1946	30	20	15	1	2	2	2	3	90	85	45	75	370	
1945	45	25	15	1	1	3	3	4	40	80	80	60		357
1944	28	23	9	7	3	1	10	10	75	60	50	40		316
Onions, dry														
Maui 1946	-	-	-	2	35	130	140	120	45	8	3	2	485	
1945	-	-	2	5	40	175	200	65	8	-	-	-		495
1944	-	1	1	12	65	285	210	115	70	9	-	-		768
Onions, green														
Hawaii	15	15	15	16	20	18	20	18	20	20	20	18	215	160
Maui	5	4	4	5	5	7	5	4	4	4	3	5	55	35
Oahu	70	50	85	120	100	65	90	80	60	50	45	35	850	1205
Kauai	1	1	1	3	2	2	1	1	1	1	1	1	16	170
Molokai	1	1	1	1	1	1	1	1	1	1	1	1	12	20
Total 1946	92	71	106	145	128	93	117	104	86	76	70	60	1148	
1945	112	111	110	129	137	120	149	162	158	157	135	110		1590
1944	99	92	96	117	118	133	143	131	193	133	132	149		1536
Peas (all types)														
Hawaii	1	1	-	2	3	3	3	3	3	4	4	3	30	35
Maui	6	3	2	6	8	5	5	4	6	6	6	3	60	36
Oahu	4	4	3	10	15	10	3	7	5	3	4	2	70	98
Total 1946	11	8	5	18	26	18	11	14	14	13	14	8	160	
1945	11	9	10	10	11	14	16	19	10	18	19	22		169
1944	4	7	7	23	20	22	16	19	15	14	10	11		168
Peppers, sweet														
Hawaii	8	15	15	15	8	6	8	15	30	15	25	15	175	110
Maui	5	-	1	1	1	1	8	20	15	25	5	3	85	97
Oahu	7	8	3	5	25	35	60	25	18	18	10	6	220	285
Kauai	10	7	7	7	22	15	11	5	5	3	3	5	100	210
Total 1946	30	30	26	28	56	57	87	65	68	61	43	29	580	
1945	59	43	37	43	52	52	48	45	70	100	88	65		702
1944	26	19	19	16	35	30	46	62	77	64	55	63		512

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Potatoes														
Hawaii	55	55	35	-	10	45	28	45	21	10	10	16	330	1370
Maui	10	60	110	70	75	110	70	30	15	15	15	15	595	770
Oahu	-	-	-	15	25	10	-	-	-	-	-	-	50	760
Kauai	2	2	1	1	10	1	1	-	-	2	-	-	20	110
Total 1946	67	117	146	86	120	166	99	75	36	27	25	31	995	
1945	105	250	230	880	273	492	310	180	50	55	75	110		3010
1944	255	260	466	2535	2260	325	356	376	155	43	60	40		7131
Pumpkins														
Hawaii	6	2	1	-	1	-	2	-	3	10	15	5	45	32
Maui	6	8	-	3	12	18	25	12	12	10	6	3	115	390
Oahu	-	1	1	5	8	10	7	5	3	5	3	2	50	80
Kauai	1	-	1	1	-	-	-	-	-	2	3	2	10	8
Molokai	2	1	1	2	3	2	1	1	1	-	-	1	15	-
Total 1946	15	12	4	11	24	30	35	18	19	27	27	13	235	
1945	30	12	7	7	6	50	102	71	35	55	90	45		510
1944	18	16	9	14	18	31	72	69	145	44	67	22		525
Rhubarb														
Hawaii	5	6	12	10	12	10	8	10	8	7	3	4	95	65
Maui	2	2	2	2	2	1	1	-	1	-	1	1	15	15
Total 1946	7	8	14	12	14	11	9	10	9	7	4	5	110	
1945	7	9	7	17	5	11	5	1	6	3	3	6		80
1944	3	3	7	23	18	13	15	12	4	2	9	11		120
Squash ^{1/}														
Hawaii	10	5	8	7	20	70	85	45	25	20	10	15	320	585
Maui	1	-	3	6	5	1	-	-	3	2	1	3	25	55
Total 1946	11	5	11	13	25	71	85	45	28	22	11	18	345	
1945	20	26	16	16	50	120	130	101	38	69	32	22		640
1944	22	19	25	47	66	120	94	82	72	112	102	22		783

^{1/} Summer and Italian

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Squash, misc.														
Hawaii	18	15	5	-	-	2	15	2	20	15	20	8	120	295
Oahu	15	7	8	12	10	50	55	50	20	30	15	3	275	253
Molokai	10	3	3	13	20	7	13	10	6	5	-	5	95	55
Total 1946	43	25	16	25	30	59	83	62	46	50	35	16	490	
1945	22	7	22	40	30	45	80	80	58	98	73	48		603
1944	17	11	11	6	9	17	31	39	32	60	65	58		356
Sweetpotatoes														
Hawaii	80	60	65	75	75	130	65	100	160	140	75	70	1095	680
Maul	8	8	8	8	4	6	8	5	6	7	12	15	95	150
Oahu	80	70	85	110	80	80	80	85	105	90	90	80	1035	820
Kauai	10	12	4	20	7	18	10	18	30	15	18	8	170	410
Molokai	1	2	2	2	2	3	2	4	2	4	4	7	35	10
Total 1946	179	152	164	215	168	237	165	212	303	256	199	180	2430	
1945	155	166	129	133	156	211	161	201	145	221	161	231		2070
1944	202	165	153	117	146	140	185	175	155	197	155	210		2000
Taro (for mfr.)														
Hawaii	230	260	230	195	225	215	180	115	125	140	145	130	2190	3615
Maul	80	85	85	80	50	60	75	100	85	90	80	105	975	1080
Oahu	735	760	660	500	325	445	510	390	400	320	600	490	6135	9315
Kauai	250	270	220	160	125	85	130	155	120	200	185	185	2085	1975
Molokai	15	15	15	15	4	4	4	4	4	3	4	8	95	165
Total 1946	1310	1390	1210	950	729	809	899	764	734	753	1014	918	11480	
1945	1309	1204	1424	1376	1383	1398	1371	1316	1343	1358	1292	1376		16150
1944	1274	1272	1242	1441	1291	1326	1293	1363	1224	1219	1192	1298		15435

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Tomatoes														
Hawaii	230	195	130	125	55	70	80	45	70	75	100	190	1365	2135
Maui	80	90	100	135	280	160	125	120	105	320	280	150	2005	2010
Oahu	55	35	65	150	440	420	260	120	100	85	115	75	1920	5110
Kauai	85	50	75	140	200	300	75	55	35	30	50	80	1205	2160
Molokai	7	6	6	12	7	6	5	5	5	8	6	2	75	165
Total 1946	457	376	376	562	982	956	545	375	315	578	551	497	6570	
1945	752	740	710	675	733	1203	1140	1187	1300	1313	1182	740		11580
1944	594	612	625	447	1005	1257	1462	1200	1070	1080	864	804		11020
Turnips and rutabagas														
Hawaii	35	15	12	4	15	4	15	10	-	-	-	-	110	505
Maui	12	22	20	-	2	2	-	-	1	-	1	-	60	345
Total 1946	47	37	32	4	17	6	15	10	1	-	1	-	170	
1945	110	45	70	95	150	135	85	35	20	45	30	30		850
1944	20	20	28	32	40	60	60	65	55	45	40	52		517
Watercress														
Hawaii	4	4	4	5	8	6	6	7	7	5	5	4	65	65
Maui	2	2	2	2	2	2	2	2	2	2	2	2	24	25
Oahu	90	90	115	100	105	105	90	90	95	85	95	110	1170	1420
Kauai	4	5	6	10	9	9	9	9	6	6	6	6	85	85
Total 1946	100	101	127	117	124	122	107	108	110	98	108	122	1344	
1945	117	124	134	161	164	156	154	102	114	126	126	117		1595
1944	140	120	120	118	144	160	159	155	123	138	153	166		1696
Watermelons														
Hawaii	-	-	-	-	17	65	95	95	150	100	8	80	610	360
Maui	-	-	-	15	150	200	75	-	-	-	-	-	440	1140
Oahu	-	-	-	-	50	400	800	600	200	100	50	5	2205	1185
Kauai	-	-	-	10	10	55	75	85	65	55	5	20	380	545
Molokai	-	-	-	-	20	5	20	15	5	5	-	-	70	80
Total 1946	-	-	-	25	247	725	1065	795	420	260	63	105	3705	
1945	-	2	3	43	365	732	1100	570	192	141	92	80		3310
1944	-	-	-	37	262	590	975	265	125	45	40	-		2339

Table 30 (continued)

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1946	Total 1945
Vegetables (continued)	1,000 pounds													
Yam bean root														
Hawaii	2	4	4	4	4	2	1	1	1	1	2	4	30	53
Oahu	6	4	3	2	1	-	1	1	2	1	7	2	30	-
Kauai	5	10	25	20	25	18	18	6	8	4	1	15	155	190
Total 1946	13	18	32	26	30	20	20	8	11	6	10	21	215	
1945	9	10	11	20	25	35	54	34	10	8	12	15		243
1944	1	5	8	13	24	31	42	26	13	12	5	10		190
Miscellaneous crops														
Corn, shelled														
Hawaii	65	65	5	10	100	10	-	100	5	55	5	95	515	655
Maui	-	-	-	10	15	10	100	-	-	-	-	-	135	188
Kauai	5	-	-	-	-	-	-	-	-	-	-	-	5	62
Molokai	-	-	-	-	100	-	-	-	-	-	-	-	100	210
Total 1946	70	65	5	20	215	20	100	100	5	55	5	95	755	
1945	152	203	17	60	136	170	100	172	39	21	8	37		1115
1944														3300
Macadamia nuts 1/														
Hawaii	30	25	25	40	35	50	60	65	60	65	60	45	560	465
Maui	3	-	-	-	-	-	-	1	1	1	1	3	10	4
Oahu	2	2	2	2	2	-	-	2	2	2	2	2	20	43
Kauai	5	3	3	3	3	3	75	15	20	20	12	8	170	110
Total 1946	40	30	30	45	40	53	135	83	83	88	75	58	760	
1945	57	46	32	33	32	41	48	65	55	78	79	56		622
1944	47	41	30	27	22	31	35	45	66	67	71	71		553
Peanuts, unshelled														
Hawaii	-	-	-	-	1	1	1	5	6	1	1	-	16	75
Oahu	4	3	1	1	1	4	3	3	2	3	2	3	30	30
Total 1946	4	3	1	1	2	5	4	8	8	4	3	3	46	
1945	20	4	8	8	1	6	5	5	19	12	7	10		105
1944	16	8	11	10	0	4	8	11	20	10	12	23		141
1/unshelled														