

JUNE 1954

Agricultural Statistician
University of Hawaii
Honolulu 14, Hawaii

AGRICULTURAL ECONOMICS REPORT No. 22

1953

STATISTICS OF HAWAIIAN AGRICULTURE

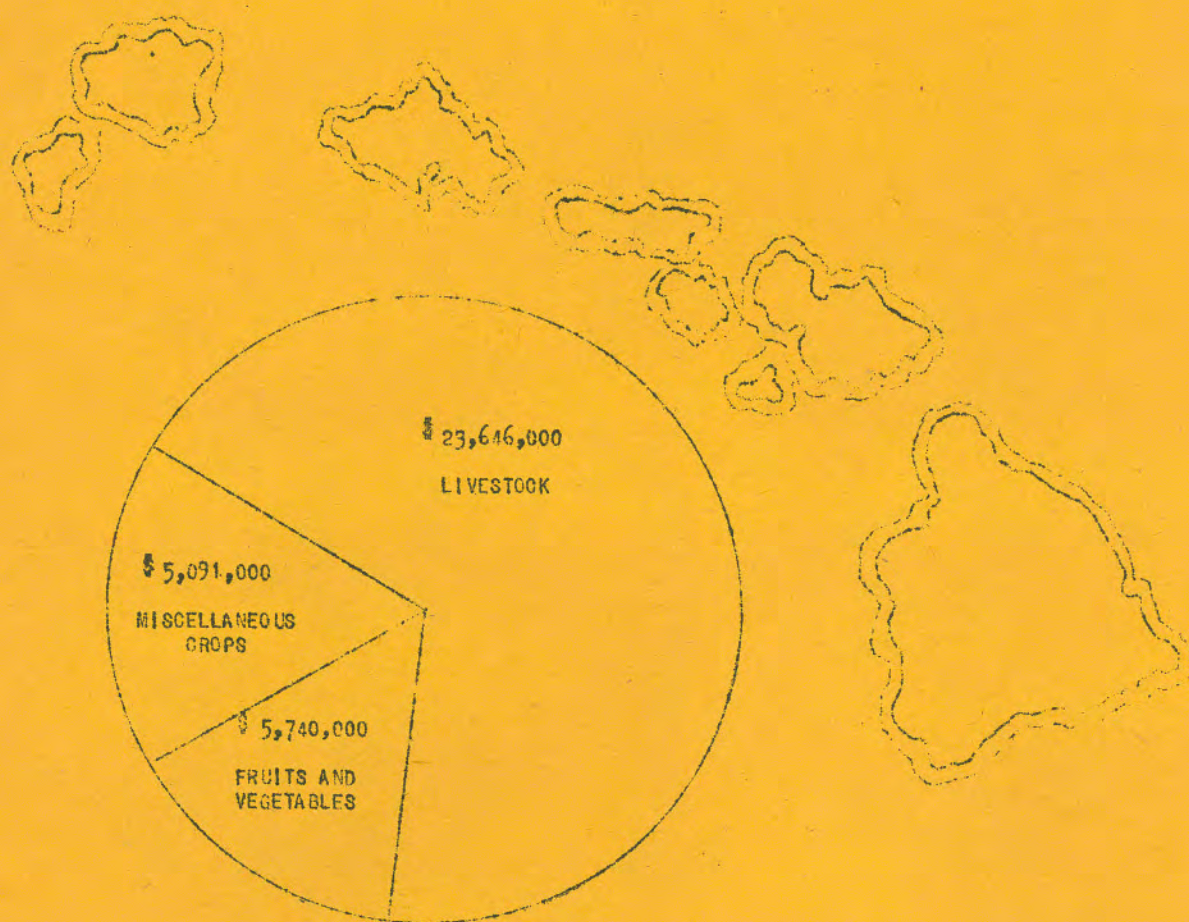
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VALUE OF 1953 MARKETINGS

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
UNIVERSITY OF HAWAII, HONOLULU 14, HAWAII
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

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Acknowledgement

To the many individuals, firms, and government agencies who furnished information for this report, mahalo. We are also indebted to the county agents who made the field reports, and to Ethel Nihei for the statistical editing.

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PREFACE

The statistics of production and value in this publication relate principally to "diversified" agriculture, diversified being used in the sense of non-plantation crops. Statistical material on the two plantation crops, sugar and pineapples, was furnished by the Hawaiian Sugar Planters' Association and the Pineapple Research Institute.

Data on diversified agriculture are for "commercial" production, which excludes very small farm enterprises, some of the minor crops, and products consumed on farms. A few crops for which production or acreage data are unreliable, e.g., Chinese squash, yam bean root, and pineapples harvested for the fresh fruit market, are not included. Commercial production of livestock products is defined as the portion originating from beef cattle herds of 20 or more head, dairy and swine herds of 10 or more, and poultry flocks of 100 or more layers or meat birds.

Sources

Basic livestock data are collected in August or December by mailed questionnaires and enumeration by county agents. Monthly estimates of dairy, poultry, and hog production are obtained from stratified samples of enterprises, supplemented by slaughter records. Production of fruits and vegetables is estimated from recorded wholesale marketings, adjusted for direct sales to retail stores or to consumers, and for field losses of mature crops resulting from market gluts. Coffee, rice, and taro production is estimated from milling records. Acreage of diversified crops is obtained by monthly enumeration.

Data on receipts and exports are derived from records of steamship and airline companies, importers, wholesalers, and plant quarantine agencies. Products imported in annual quantities of less than 1,000 pounds are excluded. Direct imports by the Armed Forces are also excluded.

Monthly wholesale prices in Honolulu are medians from quotations in the Tuesday or Thursday Federal-Territorial market reports. Annual average wholesale prices are weighted for volume sold by season and grade. Prices of export products are free alongside ship, island port. Prices of meats are "at slaughterhouse"; milk prices are "delivered bottling plant."

Values are calculated at the wholesale or processing plant level for products consumed in the Territory, and free alongside ship, island port, for diversified export products. Values of diversified crops and livestock are for marketings and exclude the value of products consumed on farms or not harvested because of marketing factors.

The 1941-43 Base Period

The years 1941 through 1943 were taken as a base for determining postwar trends because there are serious gaps in the data for earlier years. The war years, 1944 and 1945, were abnormal because of the large military population and many postwar

years were affected by maritime strikes. For some export crops, 1940 and 1941 Department of Commerce data have been substituted as the base. Otherwise, the averages are generally satisfactory for deriving relative changes in postwar years, although no single year of the base is normal. Business activity in 1941 was above the 1935-39 average because of the expanded construction of military installations. After Pearl Harbor and through the first half of 1942, imports were tightly restricted. From the summer of 1942 through the war, the importation of foods continued under government regulation but cargo space was usually adequate. Hawaii's production of diversified crops and livestock began to build up in late 1942 and was definitely on the increase by 1943.

Prices were controlled by the O.P.A. from December 1941 to mid-1946. Some controls were exercised by the O.P.S. from January 1951 through March 1953. During 1946 a prolonged maritime strike created some shortages of food products and livestock feeds. Other maritime strikes in 1948, 1949, and 1952 had a noticeable effect on prices and marketings. The year 1951 was marked by a severe cyclonic storm that was destructive principally to truck and fruit crops. Drought conditions during 1953 reduced the production of truck and fruit crops, and cattle ranges were impaired to such an extent that several islands were declared disaster areas.

HAWAIIAN AGRICULTURE, 1953

Agricultural production was valued at \$284,696,000 in 1953, 3 percent more than in 1952. The increase in value resulted principally from a higher production of processed sugar and pineapple products. Sugar accounted for \$149,880,000, processed pineapples approximately \$100,000,000, livestock products \$23,646,000, fresh fruits and vegetables, including exports, \$6,079,000 and other diversified crops, principally coffee, \$5,091,000.

Diversified Crops

Coffee took on added importance as an export crop. The value of green coffee, f.o.b. mill basis, for the crop year ending June 1953, was \$4,382,000. The 1951-52 crop was worth \$3,900,000 and the 1950-51 production was valued at \$3,660,000. Macadamia nuts marketed in 1953, in-shell basis, were valued at \$164,000 as compared with \$165,000 in 1952 and \$144,000 in 1951. The value of the 1953 rice crop from Kauai was \$116,000 compared with \$93,000 in 1952, and \$120,000 in 1951. Taro marketings amounted to 11 million pounds in 1953. Value of the product in 1953 was \$419,000. In 1952 the value was \$520,000, and in 1951, \$637,000.

The market volume of island fruits and melons has increased in recent years. In 1953, 21,266,000 pounds were marketed, compared with 20,124,000 in 1952. Vegetable production in 1953 was 42,725,000 pounds, slightly lower than in 1952 because

of the drought. Prices of fruits and vegetables averaged lower in 1953 than in 1952. The value of 1953 island fruits and vegetables for territorial markets was \$5,632,000, slightly less than in 1952 but more than in 1951 and 1950. Increased exports of fresh pineapples and papayas made a record high in 1953, \$447,000.

Livestock

Beef Cattle: Approximately 30,000 head were sold for slaughter in 1953, 11 percent less than in 1952. Drought made it difficult to fatten stock for market and the average dressed weight was less than in former years. Prices also declined in 1953, averaging about 20 percent below 1952. The value of 1953 beef and by-products dropped to \$6,121,000, the lowest since 1947. Value in 1952 was \$8,067,000 and in 1951 was \$8,450,000. However, the number of cattle on ranches at the end of 1953 was 9 percent more than a year earlier, indicating that next year's marketings will be higher.

Dairy Products: Milk production totaled 40,442,000 quarts, the highest on record, but marketings of cattle and calves were lower than normal. The value of all dairy product marketings in 1953 was \$7,858,000, compared with \$7,956,000 in 1952 and \$7,897,000 in 1951.

Mutton and Wool: The value of mutton and wool marketed was \$45,000 in 1953 compared with \$72,000 in 1952. Because of the drought, 1953 mutton marketings were at lighter weights than in 1952.

Swine: The number of hogs slaughtered in 1953 was the largest in the last 5 years, 78,700 head, but prices were sharply lower than in recent years. The 1953 value of hog slaughter was \$3,853,000 as compared with \$3,951,000 in 1952 and \$3,470,000 in 1951.

Poultry Products: The number of layers on farms increased in 1953 and the rate of lay was higher than in previous years. Egg marketings set a new record of 5,244,000 dozen. Meat bird production also increased and the 1953 value of poultry products totaled \$5,769,000 compared with \$5,067,000 in 1952 and \$4,661,000 in 1951.

HAWAIIAN AGRICULTURE SINCE WORLD WAR II

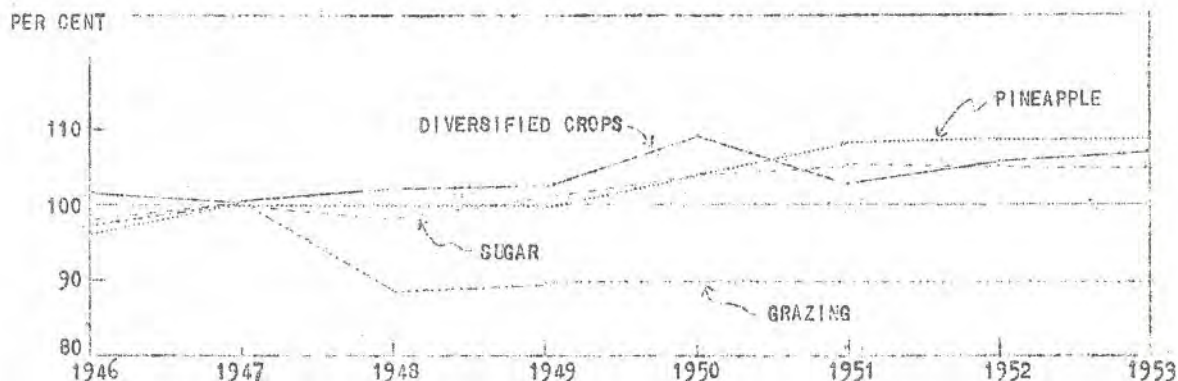
Land Utilization

The total land area of the Territory is 4,099,840 acres but much of it is unsuitable for cultivated crops because of mountains, steep slopes, lava flows and aridity. Since the end of World War II, approximately 22,000 additional acres have been brought under cultivation, bringing the total cultivated area to 7.5 percent (table 1). All of the increase in cultivated acreage is from export crops. The acreage in taro, rice, and similar crops has been declining or static. As culti-

vated crops produce 90 percent of the agricultural income, there is a continued search for new economic combinations that will profitably bring more land under cultivation.

Range lands occupied about 39 percent of the land area in 1946 but the grazed portion was reduced to 35 percent by 1950. Favorable economic conditions in 1950 and 1951 spurred the development of additional pasturage. The land used for grazing amounted to 37 percent in 1953. There was also an increase in the number of ranches during this period. Forest reserves occupied 26 percent of the land in 1953.

Chart 1. Agricultural Land Utilization, 1946-1953
1947 = 100



Source: Table 3

Agricultural Enterprises

Commercial enterprises, as these terms are used in this publication, are not comparable with farms as defined by the agricultural census.^{1/} Occasionally a farm will have two commercial scale enterprises and will appear in each category. However, the smaller enterprises are not included and it is probable that the total number of farms in the Territory has not changed greatly from the 1950 census count of 5,750.

The number of fruit, vegetable and taro enterprises has been decreasing since 1951 but coffee enterprises have increased (table 4). The lessening number of poultry enterprises since 1946 reflects the trend to larger flocks, not to a reduction in poultry production. The increase in number of cattle ranches occurred principally on the island of Hawaii. The decline in number of swine enterprises was significant on all islands in 1953 and there was also a decline in the number of hogs on farms.

Markets and Production

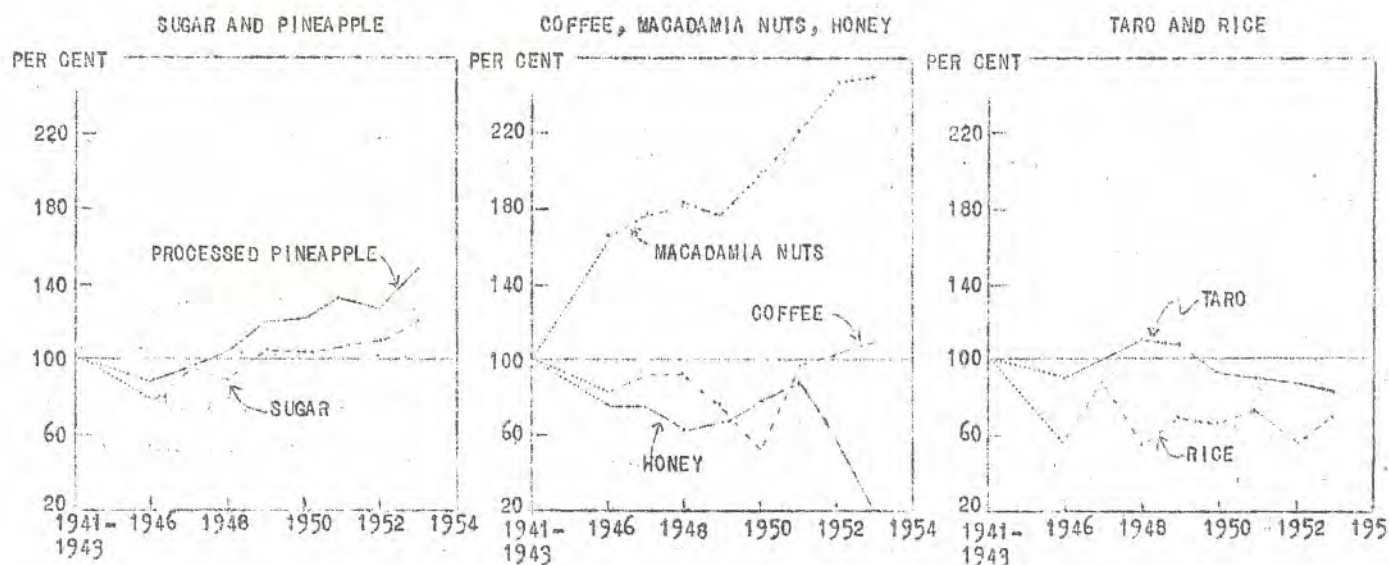
Export crops: The increases in macadamia nut and coffee production have so far been principally from better culture, and the re-establishment of abandoned plantings (chart 2). During the next 5 years, production of both crops will increase materially as young plantings come into bearing. Honey production has declined rapid-

^{1/} See preface for definitions.

ly in the last 2 years. Prices have not been favorable and in 1953 a moth destroyed most of the algaroba blossoms, the principal nectar source.

Quarantine regulations against the tropical fruit fly hindered the postwar resumption of fresh papaya and pineapple shipments to the U. S. Mainland. Shipments were permitted from 1950 on, after fumigation or vapor-heat treatment, but another 2 years were required to re-establish the market. Storm losses in 1951 and the maritime strike of 1952 handicapped shippers, but by 1953 fresh pineapple shipments were 60 percent above the volume of 1940-41 and papaya exports had more than doubled their prewar volume (table 8).

Chart 2. Production
1941-1943 = 100

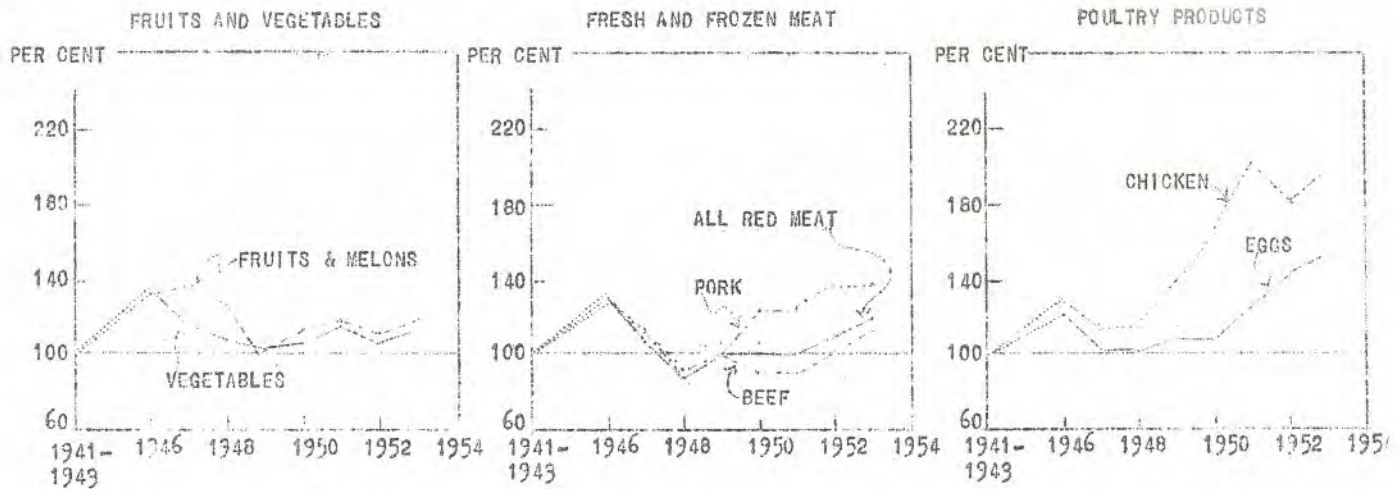


Source: Table 12

Territorial Markets: Hawaii's market volume is greatly influenced by transients, both military and tourist. The high 1946 level was partly due to the number of military personnel returning home and it will be noted that consumption levels were significantly lower in 1948 and 1949 (chart 3). From 1950 on, increasing numbers of tourists and renewed military activity in the Pacific area helped to establish new highs in the consumption of meats and poultry products.

Changes in the consumption pattern of the resident population have undoubtedly had some effect on markets since the 1941-43 period. Although the increase in frozen food imports since World War II has affected the demand for some fresh fruits and vegetables, territorial consumption of fresh produce from all sources has increased 18 percent, compared with the 1941-43 base. During the same period, red meat consumption (beef, pork and lamb) has increased 19 percent; fresh milk, 44 percent; eggs, 55 percent; and chicken, 100 percent.

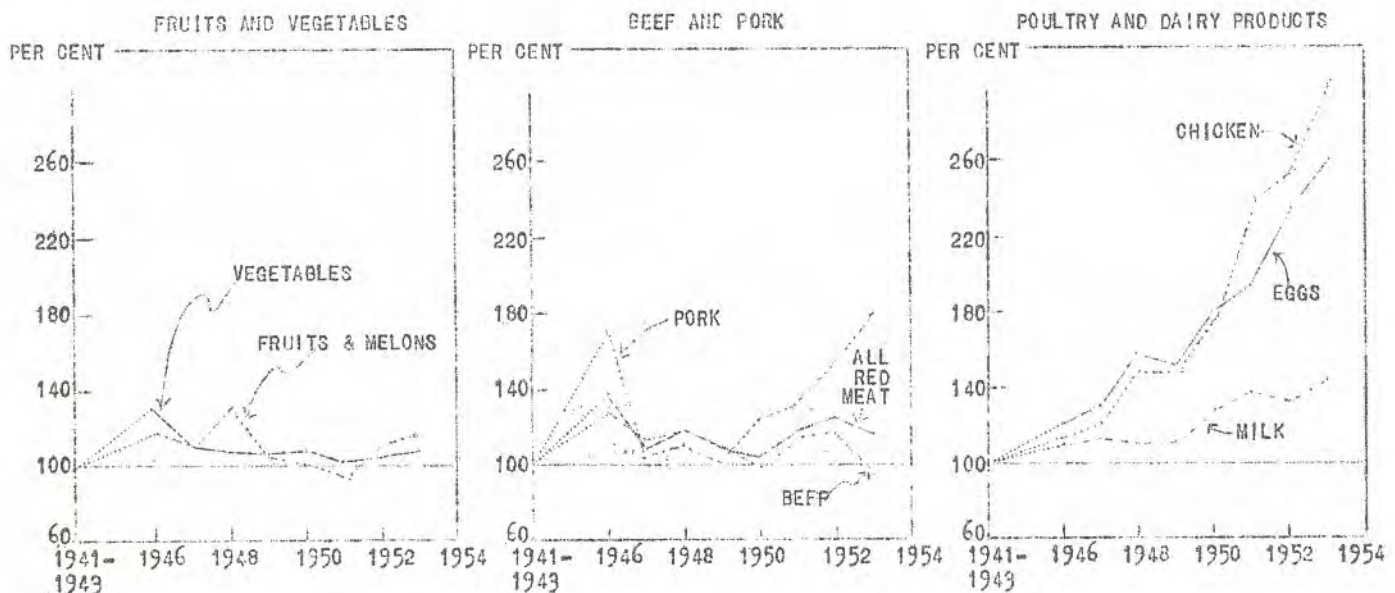
Chart 3. Market Supplies from all Sources
1941-1943 Average = 100



Source: Table 12

Island farmers have not failed to take advantage of their expanding market, and the record shows that they have been most successful with poultry products, pork and milk. Except for the drought, it is probable that beef production would also have increased. Marketings of island fruits and vegetables in 1953 were 12 percent above the 1941-43 level.

Chart 4. Marketings of Island Grown Products
1941-1943 Average = 100



Source: Table 12

Over the 1949-53 period, Hawaii furnished half of the fresh fruits and vegetables for home markets; 67 percent of its beef and veal; 55 percent of unprocessed pork; 12 percent of its lamb and mutton; 64 percent of the eggs and 41 percent of the chicken (table 10).

Prices and Purchasing Power

Prices, in their effect on profits, are one of the principal determinants of production shifts. However, the farmer deals with two types of prices, those that he receives for his product, and those that he pays for the materials to produce it. Both sets of prices have increased since 1940 and the farmer's position is more clearly revealed by examining their relative change than by considering only the price he receives. To this end, market price indices have been adjusted by the index of prices of commodities purchased by U. S. farmers. In the accompanying charts, the result is termed the farmer's purchasing power.

This adjustment minimizes the effects of inflation but does not give exact comparability between the various crops and livestock products. For one reason the items that have to be purchased for production vary considerably from one type of product to another. Furthermore, marketing costs, which also affect farmer profits, are not included in the adjustment. It should also be noted that the purchasing power of product is not the only determinant of profitable production. Changes in management practices and technological improvements affect the production costs of some commodities more than of others, and it is apparent from the accompanying charts that some industries have been able to reduce costs sufficiently to increase production, although the prices received have a relatively low purchasing power.

As may be noted in table 13, shortages during maritime strikes have had an abnormal effect on prices of some products. The high point of fruit and vegetable purchasing power occurred in 1946 during the maritime strike and after the removal of O.P.A. ceilings (chart 5). Rice purchasing power was high during some of the strike years, notably 1946 and 1948. Taro purchasing power has been low since 1948.

Coffee is an example of the effect of increased purchasing power on production (chart 5). Although purchasing power has not been particularly favorable, macadamia nut acreage has continued to expand, partly because growers expect that the new high-yielding varieties will lower production costs.

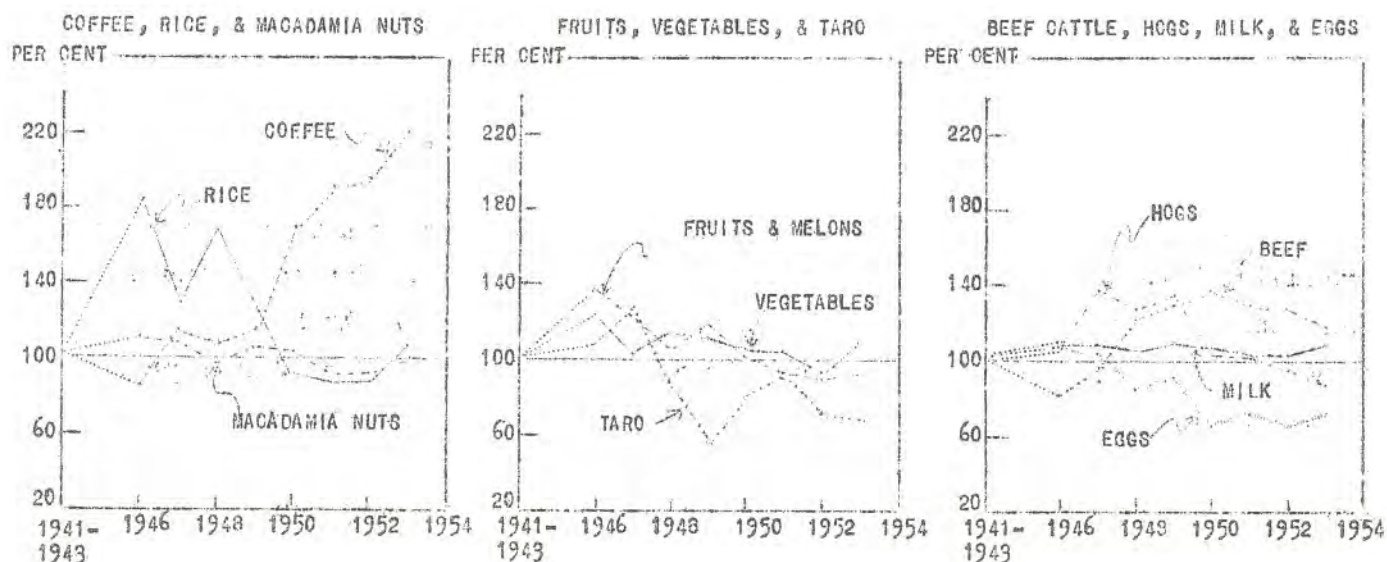
Although milk prices have increased since 1941-43, purchasing power has varied less than 10 percent from the 1941-43 base. Better management has increased output per cow from 8.4 quarts a day in 1946 to 9.9 in 1953, a gain of 18 percent.

Egg production has increased in spite of relatively lower purchasing power. Apparently the cost of production has been decreased by improvement management; the rate of lay has advanced from 120 eggs in 1945 to 168 in 1953.

From 1947 to 1949, high prices for hogs contributed to an expansion of production which came to a peak in 1953. Price, in terms of purchasing power, declined

after 1949 and went below the base level in 1952. By 1953, many producers had difficulty in realizing a profit from their operations. Cattle prices have generally followed the price pattern of the mainland market. Prices came to a peak in 1950 and were regulated by O.P.S. in 1951 and 1952. Despite the sharp decline in 1953, the purchasing power of beef is still above the 1941-43 base.

Chart 5. Prices Adjusted for Purchasing Power
1941-1943 Average = 100.



Source: Table 15

Income from Agriculture

The 1953 value of all island crops and livestock was approximately double the average 1941-43 value. However, when the 1953 value is adjusted to the equivalent 1941-43 purchasing power, the income increase shrinks to 18 percent. This increase in real income has been earned by a greater volume of production. Compared with the 1941-43 base, raw sugar production in 1953 increased 22 percent; canned pineapples and juice, 50 percent; livestock and diversified crops, 17 percent.

Purchasing power, adjusted to the 1941-43 base, was up 20 percent for the sugar industry, 6 percent for the pineapple industry, and 18 percent for livestock and diversified crops. Most noteworthy income increases in the livestock and diversified crop group are from coffee, poultry, dairies and macadamia nuts.

STATISTICAL SUMMARIES

Table 1.—Agricultural Land Utilization, 1946-53 1/

Year	Sugar	Pine-apples	Coffee	Macadamia nuts	Fruits and vegetables	Taro	Rice	All diversified crops	Total cultivated area	Grazing lands	Forest reserve
	Acres		A c r e s					1,000 acres	1,000 acres	1,000 acres	
1946	208,375	65,000	3,400	953	7,490	800	186	12.8	286.2	1,580	1,070
1947	211,630	68,000	3,400	1,279	6,920	930	217	12.7	292.4	1,650	1,070
1948	206,550	68,000	3,400	1,422	6,905	1,015	163	12.9	287.5	1,720	1,065
1949	213,350	68,000	3,400	1,592	6,810	944	210	13.0	294.3	1,475	1,065
1950	220,380	70,720	3,400	1,957	7,335	874	194	13.8	304.9	1,430	1,210
1951	221,210	73,600	3,450	2,197	6,425	871	166	13.1	307.9	1,480	1,110
1952	221,990	73,500	3,500	2,349	6,460	834	158	13.3	308.8	1,485	1,065
1953	221,540	73,200	3,750	2,578	6,195	745	202	13.5	308.2	1,510	1,058

1/ TOTAL LAND AREA 4,099,840 ACRES.

Table 2.—Agricultural Land Utilization, by Islands, 1953 1/

Island	Sugar	Pine-apples	Coffee	Macadamia nuts	Fruits and vegetables	Taro	Rice	All diversified crops	Total cultivated area	Grazing lands	Forest reserve
	Acres		A c r e s					1,000 acres	1,000 acres	1,000 acres	
Hawaii	101,694	-	3,750	1,883	1,457	137	-	7.2	108.9	1,040	567
Maui	39,139	12,600	-	270	1,221	83	-	1.6	53.3	168	161
Molokai-											
Lanai	-	32,100	-	2	38	30	-	0.1	32.2	100	53
Oahu	34,342	21,800	-	180	3,227	340	-	3.7	59.9	37	119
Kauai-											
Niihau	46,367	6,700	-	243	252	155	202	0.9	53.9	165	158
Total	221,542	73,200	3,750	2,578	6,195	745	202	13.5	308.2	1,510	1,058

1/ SUGAR AND PINEAPPLES: ACREAGE AT END OF YEAR; PINEAPPLE ACREAGE INCLUDES CAMPSITES, ROADS, ETC.; TREE CROPS: ACREAGES OF ALL AGES; RICE, FRUITS, AND VEGETABLES: ACREAGE HARVESTED; TARO: AVERAGE ACREAGE IN CROP DURING YEAR; GRAZING LANDS FOR BEEF CATTLE AND SHEEP.

Table 3.--Agricultural Land Utilization, 1946-53
Index Numbers - 1947 = 100

Year	Sugar	Pineapple	Diversified crops	Total cultivated	Range lands
	P e r c e n t				
1946	98	96	101	97	98
1947	100	100	100	100	100
1948	98	100	102	98	89
1949	101	100	102	101	87
1950	104	104	109	105	90
1951	105	108	103	106	90
1952	105	108	105	106	90
1953	105	108	106	106	90

Table 4.--Number of Diversified
Commercial-size Enterprises, 1946-53 ^{1/}

C r o p s							
Year	Fruits and vegetables 2/	Coffee	Macadamia nuts 2/	Rice	Taro 2/	Honey 2/	Total
	N u m b e r						
1946	1,612	700	48	39	325	30	2,754
1947	1,499	700	48	46	330	30	2,653
1948	1,445	700	65	49	338	29	2,626
1949	1,453	703	70	59	314	23	2,622
1950	1,446	700	84	58	304	22	2,614
1951	1,722	705	98	55	290	27	2,897
1952	1,709	706	98	53	280	27	2,873
1953	1,638	712	98	52	266	27	2,793

L i v e s t o c k						
Year	Beef	Sheep ^{2/}	Dairy	Swine	Poultry	Total
	N u m b e r					
1946	261	3	83	525	748	1,620
1947	255	3	78	487	677	1,500
1948	291	3	75	490	481	1,340
1949	329	3	74	481	442	1,329
1950	343	3	75	518	429	1,368
1951	360	3	74	560	400	1,397
1952	405	3	76	588	378	1,450
1953	468	3	80	516	341	1,408

^{1/} See preface for meaning of diversified and commercial.

^{2/} Revised data.

Table 5.--Number of Diversified
Commercial-size Enterprises, by Islands, 1953

C r o p s

Island	Fruits and vegetables	Coffee	Macadamia nuts	Rice	Taro	Honey	Total
	N u m b e r						
Hawaii	347	712	61	-	54	6	1,180
Maui	408	-	7	-	82	12	509
Molokai/Lanai	29	-	3	-	11	2	45
Oahu	755	-	5	-	65	5	830
Kauai/Niihau	99	-	22	52	54	2	229
Territory	1,638	712	98	52	266	27	2,793

L i v e s t o c k

Island	Beef	Sheep	Dairy	Swine	Poultry	Total
	N u m b e r					
Hawaii	284	2	20	87	122	515
Maui	89	-	5	63	33	190
Molokai/Lanai	19	-	2	30	6	57
Oahu	28	-	49	297	160	534
Kauai/Niihau	48	1	4	39	20	112
Territory	468	3	80	516	341	1,408

Table 6.--Value of Agricultural Production, 1946-53^{1/}

A. All Agricultural Production

Year	Sugar products ^{2/}	Processed pineapple products ^{3/}	Exports of fresh fruits ^{4/}		Coffee, green ^{5/}	Other diversified ^{6/}	Livestock products ^{7/}	All diversified crops and livestock	All agricultural products
			Pine-apples	Papayas					
	1,000 dollars				1,000 dollars			1,000 dollars	1,000 dollars
1941-43 average	72,966	55,000	170	22	1,052	3,408	8,350	13,002	140,968
1946	62,875	63,000	-	-	1,028	7,474	15,618	24,120	149,995
1947	128,340	70,000	-	-	1,746	6,758	18,375	26,879	225,219
1948	99,645	75,000	43	-	1,825	7,237	21,439	30,544	205,189
1949	112,278	75,000	-	4	1,569	6,379	20,609	28,561	215,839
1950	123,900	88,000	44	40	1,793	6,039	20,458	28,374	240,274
1951	137,890	100,000	78	44	3,660	6,526	24,549	34,857	272,747
1952	140,370	100,000	181	46	3,900	6,498	25,113	35,738	276,108
1953	149,880	100,000	339	108	4,382	6,341	23,646	34,816	284,696

B. Other Diversified Crops

	Macadamia nuts (in shell)	Honey and beeswax ^{2/}	Rice (milled)	Taro for manufacture	Fruits and vegetables ^{3/}	Total
						1,000 dollars
1941-43 average	38	40	80	350	2,900	3,408
1946	95	159	137	568	6,515	7,474
1947	117	120	167	814	5,540	6,758
1948	119	57	157	697	6,207	7,237
1949	115	60	143	437	5,624	6,379
1950	128	67	108	524	5,212	6,039
1951	144	82	120	687	5,493	6,526
1952	165	59	93	520	5,661	6,498
1953	164	10	116	419	5,632	6,341

continued

Table 6.--Continued

C. Livestock Products

Year	Beef	Dairy	Sheep	Swine	Poultry	Total
		Milk and meat	Wool and mutton		Eggs and meat	
		1,000 dollars				
1941-43 Average	3,200	2,300	50	1,000	1,800	8,350
1946	4,931	4,704	59	3,319	2,605	15,618
1947	6,049	5,778	37	3,194	3,317	18,375
1948	7,509	6,441	66	3,376	4,047	21,439
1949	7,068	6,408	84	3,113	3,936	20,609
1950	7,221	6,832	74	3,003	3,328	20,458
1951	8,450	7,897	71	3,470	4,661	24,549
1952	8,067	7,956	72	3,951	5,067	25,113
1953	6,121	7,858	45	3,853	5,769	23,646

1/ CALENDAR YEARS EXCEPT AS OTHERWISE SPECIFIED; SOME DATA REVISED.

2/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION DATA; INCLUDES RAW SUGAR 96° DELIVERED AT COAST REFINERY, MOLASSES, BAGASSE AND OTHER BY-PRODUCTS.

3/ PINEAPPLE RESEARCH INSTITUTE DATA; CROP YEARS ENDING MAY 31; INCLUDES CANNED FRUIT, JUICE, AND INDUSTRY BY-PRODUCTS.

4/ VALUE F.A.S. ISLAND PORT; BASE YEARS ARE 1940 AND 1941.

5/ VALUE F.O.B. KONA MILL, CROP YEAR ENDING JUNE 30.

6/ WHOLESALE VALUE, ISLAND OF ORIGIN (SEE TABLE B).

7/ VALUES AT SLAUGHTERHOUSE, BOTTLING PLANT, OR WHOLESALE (SEE TABLE C).

8/ WHOLESALE VALUE, ISLAND OF ORIGIN; FRESH PINEAPPLES AND PAPAYA EXPORTS EXCLUDED.

Table 7.--Value of Diversified Agricultural Marketings,
by Islands, 1953

Island	Crops						Total
	Coffee green ^{1/}	Macadamia nuts (in shell) ^{1/}	Honey and beeswax ^{2/}	Rice (milled) ^{1/}	Taro for manu- facture ^{1/}	Fruits and vegetables ^{2/}	
	1,000 dollars						
Hawaii	4,382	110	3	-	133	1,276	5,904
Maui	-	4	2	-	43	911	960
Molokai/Lanai	-	-	-	-	10	22	32
Oahu	-	25	4	-	110	3,239	3,378
Kauai/Niihau	-	25	1	116	123	292	557
Territory	4,382	164	10	116	419	5,740	10,831
	Livestock						
	Beef ^{4/}	Dairy, milk and meat ^{4/} , ^{5/}	Sheep, wool and mutton ^{4/}	Swine ^{4/}	Poultry, eggs and meat ^{6/}	Total	
	1,000 dollars						
Hawaii	3,816	547	38	381	1,011	5,793	
Maui	1,183	484	-	220	462	2,349	
Molokai/Lanai	251	17	-	46	24	338	
Oahu	448	6,541	-	3,044	3,956	13,989	
Kauai/Niihau	423	269	7	162	316	1,177	
Territory	6,121	7,858	45	3,853	5,769	23,646	

^{1/} F.O.B. MILL.

^{2/} F.A.S. ISLAND PORT.

^{3/} WHOLESALE, ISLAND OF ORIGIN; INCLUDING EXPORTS OF PAPAYAS BUT EXCLUDING FRESH PINEAPPLES.

^{4/} AT SLAUGHTERHOUSE; CATTLE AND SHEEP VALUE INCLUDES HIDES, OFFAL, AND TALLOW.

^{5/} MILK DELIVERED AT BOTTLING PLANT.

^{6/} WHOLESALE, ISLAND OF ORIGIN.

Table 8.--Volume of Agricultural Production, 1946-53 1/

Crops						
Year	Sugar, raw 960 2/	Pineapples		Fresh fruit exports		Coffee, green 5/
		Processed fruit 3/	Juice 3/	Pineapples 4/	Papayas 4/	
	Tons	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds
1941-43 average	900,976	10,314	9,400	3,000	280	7,503
1946	698,909	9,051	8,671	1,676	-	6,300
1947	872,187	10,237	8,207	1,420	-	6,900
1948	835,107	11,429	8,894	614	2	6,990
1949	955,890	13,697	10,043	-	28	5,900
1950	960,961	13,448	10,405	636	286	4,300
1951	995,759	14,377	11,699	1,125	313	7,500
1952	1,020,000	14,690	10,185	2,589	331	7,700
1953	1,099,316	16,915	12,561	4,838	774	8,230

Crops--continued						
Year	Macadamia nuts (in shell)	Bee products		Rice (milled)	Taro (for mfr.) 6/	Fruits and vegetables 7/
		Honey (extracted)	Beeswax			
		1 , 0 0 0 p o u n d s				
1941-43 average	380	1,000	-	1,000	12,500	57,300
1946	630	761	15	570	11,480	73,200
1947	680	758	15	890	12,615	63,700
1948	700	652	12	555	14,195	66,045
1949	680	738	12	725	13,900	59,907
1950	755	795	17	710	11,740	59,173
1951	850	888	13	745	11,830	57,171
1952	965	584	7	580	11,640	62,449
1953	970	68	6	685	11,120	63,991

continued

Table 8.--Continued

Livestock

Year	Beef	D a i r y		S h e e p		Swine	P o u l t r y	
	Slaughter ^{2/}	Slaughter ^{2/}	Milk	Slaughter	Wool	Slaughter	Slaughter	Eggs
	Number	Number	1,000 qts.	Number	1,000 pounds	Number	1,000 birds	1,000 dozens
1946	38,840	5,000	30,317	2,000	105	66,100	290	2,395
1947	33,800	4,980	32,245	1,050	66	43,100	323	2,633
1948	34,140	6,010	31,326	2,750	75	43,100	336	3,205
1949	33,640	4,430	31,735	2,980	72	44,300	441	3,091
1950	29,470	3,390	35,624	1,950	65	53,400	545	3,611
1951	33,400	3,070	38,436	1,200	65	60,200	740	3,935
1952	33,650	2,620	37,442	2,460	65	66,900	793	4,753
1953	30,030	1,770	40,442	1,670	40	78,700	807	5,244

1/ SOME DATA REVISED; CALENDAR YEARS UNLESS OTHERWISE SPECIFIED.

2/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION.

3/ PINEAPPLE RESEARCH INSTITUTE; CROP YEARS ENDING MAY 31.

4/ 1940-41 BASE.

5/ CROP YEARS ENDING JUNE 30.

6/ EXCLUDES FIELD LOSSES RESULTING FROM MARKET GLUTS.

7/ EXCLUDES FRESH PINEAPPLES, PAPAYA EXPORTS, AND FIELD LOSSES RESULTING FROM MARKET GLUTS.

8/ CATTLE AND CALVES.

Table 5.--Volume of Diversified Agricultural Marketings,
by Islands, 1953

Island	Crops						Fruits and vegetables 1/	
	Coffee	Macadamia nuts	Honey and beeswax	Rice	Taro			
	1,000 pounds							
Hawaii	8,230	650	24	-	2,550		15,483	
Maui	-	25	20	-	1,260		11,045	
Molokai/Lanai	-	-	1	-	350		265	
Oahu	-	145	23	-	3,450		35,272	
Kauai/Niihau	-	150	6	685	3,510		2,700	
Territory	8,230	970	74	685	11,120		64,765	
	Livestock							
	Beef 2/	Mutton	Wool	Dairy cattle 2/	Milk	Swine	Eggs	Meat birds
	Number	Number	1,000 pounds	Number	1,000 quarts	Number	1,000 dozens	1,000 birds
Hawaii	18,125	1,435	33	90	2,774	8,200	1,023	110
Maui	6,300	-	-	175	2,336	4,900	472	46
Molokai/Lanai	1,365	-	-	15	73	1,000	20	4
Oahu	2,050	-	-	1,455	33,872	61,000	3,420	609
Kauai/Niihau	2,190	235	7	35	1,387	3,600	309	38
Territory	30,030	1,670	40	1,770	40,442	78,700	5,244	807

1/ INCLUDES EXPORT PAPAYAS; EXCLUDES PINEAPPLE AND FIELD LOSSES.

2/ INCLUDES CALVES.

Table 10.--Market Supplies of Selected Agricultural Products from All Sources, 1946-53

A. Fruits and Vegetables, Fresh ^{1/}

Year	Fruits and Melons			Vegetables			All Fruits and Vegetables		
	Imports	Hawaii	Total	Imports	Hawaii	Total	Imports	Hawaii	Total
	Million pounds			Million pounds			Million pounds		
1941-43 average	23.0	18.0	41.0	29.7	39.3	69.0	52.7	57.3	110.0
1946	32.2	21.2	53.4	42.2	51.9	94.1	74.4	73.1	147.5
1947	36.1	20.7	56.8	42.9	42.9	85.8	79.0	63.6	142.6
1948	28.7	23.6	52.3	33.3	42.4	75.7	62.0	66.0	128.0
1949	22.0	18.6	40.6	29.4	41.3	70.7	51.4	59.9	111.3
1950	29.5	18.2	47.7	32.9	40.9	73.8	62.4	59.1	121.5
1951	32.7	17.3	50.0	38.8	39.9	78.7	71.5	57.2	128.7
1952	25.8	20.1	45.9	31.2	42.3	73.5	57.0	62.4	119.4
1953	28.0	21.3	49.3	37.5	42.7	80.2	65.5	64.0	129.5
1949-53 average	59	Percent 41	100	45	Percent 55	100	50	Percent 50	100

B. Meats, Fresh and Frozen

Year	Beef and Veal ^{2/}			Pork ^{3/}			Lamb and Mutton			Total Red Meats Million pounds
	Imports	Hawaii	Total	Imports	Hawaii	Total	Imports	Hawaii	Total	
	Million pounds			Million pounds			Million pounds			
1941-43 average	9.0	16.0	25.0	5.0	5.0	10.0	1.3	0.1	1.4	36.4
1946	13.1	20.5	33.6	4.5	8.5	13.0	1.3	0.1	1.4	48.0
1947	10.6	17.7	28.3	6.1	5.2	11.3	0.9	0.1	1.0	40.6
1948	5.0	18.5	23.5	3.8	5.5	9.3	0.4	0.1	0.5	33.3
1949	7.8	17.5	25.3	5.0	5.1	10.1	0.6	0.1	0.7	36.1
1950	7.7	15.6	23.3	6.4	6.1	12.5	0.7	0.1	0.8	36.6
1951	5.2	17.9	23.1	6.0	6.5	12.5	0.7	0.1	0.8	36.4
1952	7.5	18.3	25.8	5.9	7.6	13.5	0.8	0.1	0.9	40.2
1953	13.4	14.9	28.3	5.0	8.9	13.9	0.9	0.1	1.0	43.2
	Percent			Percent			Percent			
1949-53 average	33	67	100	45	55	100	88	12	100	-

Table 10.--Continued
C. Poultry Products and Fresh Milk

Year	Chickens ^{1/}			Turkeys	Total poultry meat	Eggs			Milk
	Imports	Hawaii	Total	Imports ^{4/}		Imports	Hawaii	Total	Hawaii
	<u>Million pounds</u>					<u>1,000 cases</u>			<u>Million quarts</u>
1941-43 average	2.0	1.0	3.0	0.5	3.5	100.0	66.7	166.7	28.0
1946	2.9	1.1	4.0	0.5	4.5	123.1	79.8	202.9	30.3
1947	2.3	1.2	3.5	0.6	4.1	84.0	87.8	171.8	32.2
1948	2.3	1.2	3.5	0.4	3.9	60.9	106.8	167.7	31.3
1949	2.7	1.5	4.2	0.4	4.6	78.9	103.0	181.9	31.7
1950	3.2	1.8	5.0	0.7	5.7	63.2	120.4	183.6	35.6
1951	3.9	2.4	6.3	0.8	7.1	79.7	131.2	210.9	38.4
1952	3.0	2.5	5.5	1.1	6.6	81.1	158.4	239.5	37.4
1953	3.0	3.0	6.0	1.6	7.6	83.3	174.8	258.1	40.4
	<u>Percent</u>				<u>Percent</u>	<u>Percent</u>			
1949-53 average	59	41	100	100	-	36	64	100	-

1/ EXCLUDING SOME PRODUCTS OF MINOR IMPORTANCE.

2/ INCLUDES BEEF AND DAIRY CATTLE, AND CALVES.

3/ INCLUDES LIVE HOG IMPORTS CONVERTED TO DRESSED WEIGHT.

4/ Eviscerated and New York dressed.

Table 11.--Imports of Feed Grains and Feedstuffs, by Classes, 1948-53

Year	Feed grains	Mill feeds	Mixed feeds	Protein feeds	Miscel- laneous	Total
	<u>1,000 tons</u>					
1948	15.8	7.2	30.9	13.9	0.1	67.9
1949	23.6	9.6	37.2	14.2	0.1	84.7
1950	26.2	10.6	39.6	16.4	0.1	92.9
1951	26.4	11.7	46.1	16.6	0.6	101.4
1952	27.0	10.4	49.5	17.1	0.2	104.2
1953	25.8	12.9	46.9	22.2	0.1	107.9

Table 12.--Production and Marketings, 1946-53^{1/}
Index Numbers (1941-43 = 100)

A. Production of Export Crops

Year	Sugar	Processed pineapple	Fresh fruit exports ^{2/}		Coffee, green	Macadamia nuts	Honey
			Pineapple	Papayas			
1941-43 average	100	100	100	100	100	100	100
1946	78	90	56	-	84	166	76
1947	97	94	47	-	92	179	76
1948	93	103	20	-	93	184	65
1949	106	120	-	10	79	179	74
1950	107	121	21	102	57	199	80
1951	111	132	38	112	100	224	89
1952	113	126	86	118	103	254	58
1953	122	150	161	276	110	255	7

B. Marketings of Island Grown Products

Year	Beef	Pork	All red meats	Milk	Eggs	Chickens	Fruits and melons ^{2/}	Vege- tables	All fruits and vegetables	Taro	Rice
1941-43 average	100	100	100	100	100	100	100	100	100	100	100
1946	128	170	138	108	120	110	118	132	128	92	57
1947	111	104	109	115	132	120	115	109	111	101	89
1948	116	110	114	112	160	120	131	108	115	114	56
1949	109	102	108	113	154	150	103	105	105	111	73
1950	98	122	103	127	181	180	101	104	103	94	71
1951	112	130	116	137	197	240	96	102	100	95	75
1952	114	152	123	134	237	250	112	108	109	93	58
1953	93	178	113	144	262	300	118	109	112	89	69

C. Market Supplies from All Sources

Year	Beef	Pork	All red meats	Eggs	Chickens	Fruits and melons	Vegetables	All fruits and vegetables
1941-43 average	100	100	100	100	100	100	100	100
1946	134	130	132	122	133	130	136	134
1947	113	112	111	103	117	139	124	130
1948	94	93	91	101	117	128	110	116
1949	101	101	99	109	140	99	102	101
1950	93	125	101	110	167	116	107	110
1951	92	125	100	127	210	122	114	117
1952	103	135	110	144	183	112	107	109
1953	113	139	119	155	200	120	116	118

^{1/} FOR QUANTITIES SEE TABLES 8 AND 10.

^{2/} BASE YEARS 1940-41; EXPORT QUANTITIES ONLY.

^{3/} EXCEPT PINEAPPLES.

Table 13.--Prices: Selected Agricultural Products, 1946-53
Index Numbers (1941-43 = 100)

Crops						
Year	Coffee	Macadamia nuts	Rice	Taro	Fruits and melons	Vegetables
1941-43 average	100	100	100	100	100	100
1946	116	150	253	149	186	170
1947	179	170	197	194	196	162
1948	185	170	297	147	180	197
1949	189	170	205	94	194	189
1950	296	170	160	134	170	174
1951	346	170	169	174	174	192
1952	360	170	169	134	174	180
1953	377	170	179	113	160	181

Livestock Products						
Year	Beef	Hogs	Milk	Chickens	Eggs	Honey
1941-43 average	100	100	100	100	100	100
1946	112	142	150	139	145	194
1947	153	218	170	160	164	161
1948	211	218	180	163	148	86
1949	214	221	180	146	152	81
1950	232	176	180	119	113	81
1951	243	190	190	122	133	91
1952	243	183	195	120	124	102
1953	204	150	185	120	125	86

Table 14.--Prices Paid by U. S. Farmers
and U. S. Wholesale Prices of All Commodities, 1946-53 1/
Index Numbers (1941-43 = 100)

Prices Paid by U. S. Farmers 2/		Wholesale Prices of All Commodities	
Year	Percent	Year	Percent
1941-43 average	100	1941-43 average	100
1946	137	1946	126
1947	158	1947	153
1948	172	1948	166
1949	165	1949	158
1950	169	1950	165
1951	186	1951	183
1952	189	1952	179
1953	171	1953	174

1/ BASE 1910-14 CONVERTED TO 1941-43.

2/ FOR COMMODITIES, INTERESTS, TAXES, AND WAGE RATES.

SOURCE: AGRICULTURAL STATISTICS, 1953, BUREAU OF AGRICULTURAL ECONOMICS, U.S. DEPARTMENT OF AGRICULTURE.

Table 15.--Purchasing Power of Selected Agricultural Products, 1946-53
Index Numbers (1941-43 = 100)

Crops						
Year	Coffee	Macadamia nuts	Rice	Taro	Fruits and melons	Vegetables
1941-43 average	100	100	100	100	100	100
1946	85	109	185	109	136	124
1947	113	108	125	123	124	103
1948	108	99	173	85	105	115
1949	115	103	124	57	118	115
1950	175	101	95	79	101	103
1951	186	91	91	94	94	103
1952	190	90	89	71	92	95
1953	220	99	105	66	94	106

Livestock Products					
Year	Beef	Milk	Hogs	Chickens	Eggs
1941-43 average	100	100	100	100	100
1946	82	109	104	101	106
1947	97	108	138	101	104
1948	123	105	127	95	86
1949	130	109	134	88	92
1950	137	107	104	70	67
1951	131	102	102	66	72
1952	129	103	97	63	66
1953	119	108	88	70	73

PRICES
Table 16.--Prices: Selected Agricultural Products, 1946-53^{1/}

A. Miscellaneous Crops					
Year	Coffee 2/	Macadamia nuts2/	Rice2/	Taro 2/	Honey 3/
	Cents per pound				
1941-43 average	14.1	10	9.5	3.33	9.0
1946	16.3	15	24.0	4.95	18.0
1947	25.3	17	18.7	6.45	15.0
1948	26.1	17	28.2	4.91	8.0
1949	26.6	17	19.7	3.14	7.5
1950	41.7	17	15.2	4.46	7.5
1951	48.8	17	16.1	5.81	8.5
1952	50.7	17	16.1	4.45	9.5
1953	53.2	17	17.0	3.77	8.0

B. Fruits and Melons4/				
Year	Avocados	Bananas	Papayas	Watermelons
	Cents per pound			
1941-43 average	9.1	3.8	3.2	8.2
1946	13.0	6.5	4.5	20.0
1947	13.5	7.4	6.8	18.1
1948	13.4	6.9	5.1	14.0
1949	12.6	8.3	7.0	11.9
1950	12.6	8.0	5.2	11.6
1951	12.8	8.1	6.6	9.1
1952	12.6	7.4	7.8	9.9
1953	12.7	7.2	6.1	9.5

C. Vegetables4/										
Year	Snap beans	Broccoli	Cabbage	Wong bok	Carrots	Cucumbers	Lettuce	Dry onions	Peppers	Tomatoes
	Cents per pound									
1941-43 average	9.1	12.1	4.1	6.5	4.0	9.7	9.9	5.3	16.2	10.0
1946	14.9	16.7	8.3	13.4	11.1	14.3	13.4	6.4	20.6	17.9
1947	17.1	16.4	6.0	12.0	7.3	18.7	12.1	6.4	26.6	17.9
1948	17.1	17.6	6.4	13.2	12.8	14.9	14.9	9.4	32.0	19.5
1949	16.4	17.8	6.5	13.1	9.8	14.5	13.6	14.5	26.9	17.3
1950	16.3	17.1	4.8	12.3	7.2	13.7	13.5	4.6	22.0	17.1
1951	20.0	21.6	5.6	14.1	7.9	16.0	14.1	7.4	28.9	19.0
1952	18.1	20.9	6.3	12.4	9.5	12.5	13.6	12.6	21.8	18.2
1953	15.4	21.7	7.1	11.8	7.4	12.6	12.9	5.4	19.3	16.2

D. Livestock Products					
Year	Beef 5/	Milk6/	Hogs 7/	Chickens8/	Eggs 2/
	Cents per pound	Cents per quart	Cents per pound	Cents per pound	Cents per dozen
1941-43 average	21.5	10.0	20.0	54	67
1946	24.0	15.0	28.3	75	97
1947	33.0	17.0	43.5	86	110
1948	45.4	18.0	43.5	88	99
1949	46.1	18.0	44.1	79	102
1950	49.8	18.0	35.1	64	76
1951	52.2	19.0	38.0	66	89
1952	52.3	19.5	36.5	65	83
1953	43.8	18.5	29.9	65	84

1/ SOME DATA REVISED. 5/ TOP STEERS, DRESSED WEIGHT. 8/ BROILERS AND FRYERS, N. Y. DRESS.
2/ F.O.B. MILL. 6/ DELIVERED BOTTLING PLANT. 9/ LARGE SIZE, GRADE A, IN CASES.
3/ F.A.S. ISLAND PORT. 7/ HONOLULU SALES TO SLAUGHTERHOUSES, ALL CLASSES.
4/ HONOLULU WHOLESALE PRICE, FAIR TO GOOD QUALITY.

TABLE 17.—ISLAND FRUITS, VEGETABLES, AND MISCELLANEOUS CROPS: AVERAGE WHOLESALE PRICES, BY ISLANDS, 1953 ^{1/}

COMMODITY	HAWAII	MAUI	MOLOKAI	OAHU	KAUAI
	CENTS PER POUND				
FRUITS AND MELONS					
AVOCADOS.....	7.5	8.2	-	-	6.9
BANANAS.....	6.1	4.4	-	7.2	4.7
ORANGES.....	5.4	-	-	-	-
PAPAYAS.....	4.3	5.7	-	5.6	5.1
TANGERINES.....	14.2	-	-	-	-
WATERMELONS.....	10.0	9.5	9.5	8.8	8.6
VEGETABLES					
BEANS, SNAP.....	13.0	13.3	-	14.4	14.1
BROCCOLI.....	15.1	15.0	-	21.4	-
BURDOCK.....	17.0	23.4	-	-	-
CABBAGE, HEAD.....	4.7	6.0	-	6.7	6.9
CABBAGE, ORIENTAL.....	9.3	10.8	-	10.6	10.7
CARROTS.....	6.6	6.4	-	-	6.4
CAULIFLOWER.....	-	15.0	-	-	-
CELERY.....	11.7	-	-	11.7	-
CORN, GREEN.....	6.6	7.2	7.2	8.0	6.3
CUCUMBERS.....	9.0	10.0	10.0	11.7	11.3
DAIKON.....	4.5	6.2	-	6.0	-
DASHEENS.....	14.5	13.0	-	-	-
EGGPLANT.....	11.1	6.6	6.6	10.0	11.3
GINGER ROOT.....	25.8	28.0	-	-	-
LETTUCE.....	9.0	14.0	-	12.2	-
LOTUS ROOT.....	-	-	-	24.5	-
ONIONS, DRY.....	-	6.1	-	-	-
ONIONS, GREEN.....	12.2	-	-	13.5	-
PEPPERS, SWEET.....	20.3	16.5	-	18.2	18.3
POTATOES.....	6.0	9.5	-	-	-
PUMPKINS.....	-	4.6	-	9.0	-
SQUASH, ITALIAN.....	10.5	-	-	-	-
SWEET POTATOES.....	6.6	7.6	7.6	8.4	6.8
TOMATOES.....	13.2	12.4	12.4	13.8	14.0
WATERCRESS.....	-	-	-	9.7	-
MISCELLANEOUS CROPS					
RICE, MILLED ^{2/}	-	-	-	-	17.0
TARO (FOR MANUFACTURE) ^{3/}	5.2	3.4	3.0	3.2	3.5
COFFEE, GREEN ^{4/}	53.25	-	-	-	-
MACADAMIA NUTS, IN SHELL.....	17.0	17.0	-	17.0	17.0
HONEY ^{5/}	10.9	10.9	10.9	10.9	10.9
BEESWAX ^{5/}	39.0	39.0	39.0	39.0	39.0

^{1/} WEIGHTED FOR GRADE AND SEASONAL VOLUME.

^{2/} MOSTLY "MOCHI" (GLUTEN) RICE.

^{3/} F.O.B. ROADSIDE PRICE TO MILLERS.

^{4/} F.O.B. KONA MILL.

^{5/} F.O.B. ISLAND PORT.

TABLE 18.—ISLAND FRUITS AND VEGETABLES: HONOLULU WHOLESALE PRICES, MONTHLY AVERAGES, 1953 ^{1/}

COMMODITY	CONTAINER	GRADE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE		
															1953	1952	
CENTS PER POUND																CENTS PER POUND	
AVOCADOS	LUGS & CRTS	A	12.5	12.5	12.5	12.3	12.2	12.5	12.5	13.0	12.8	13.5	13.4	12.7	12.7	12.6	
BANANAS, BLUEFIELD	HANDS		8.0	8.5	8.8	8.7	8.5	8.5	8.2	7.5	7.3	6.7	7.5	8.2	8.0	8.1	
BANANAS, APPLE	HANDS		5.9	6.5	6.8	6.7	6.4	6.2	5.8	5.5	5.3	4.9	5.5	6.1	6.0	6.5	
BANANAS, CHINESE	HANDS		5.9	6.4	7.0	7.0	6.7	6.2	5.8	5.6	5.5	5.4	5.4	5.8	6.1	5.9	
BEANS, SNAP	SKS & CRTS	A	13.2	18.7	22.7	11.2	10.7	15.6	16.3	14.6	18.5	13.4	19.9	9.9	15.4	18.1	
BROCCOLI	CRTS		24.0	24.0	23.0	21.4	21.0	18.3	18.5	18.5	22.1	22.6	22.8	23.8	21.7	20.9	
CABBAGE, HEAD	SKS	A	8.3	9.5	5.1	5.4	2.2	4.9	6.0	7.9	9.2	8.2	10.0	8.2	7.1	6.3	
CABBAGE, ORIENTAL:																	
KAI CHOI	CRTS		8.5	6.7	9.5	11.2	10.0	10.8	14.8	13.4	8.6	10.9	12.7	10.0	10.6	11.5	
PAK CHOI	CRTS		7.1	6.5	8.3	7.5	6.5	6.4	13.6	8.5	8.2	8.8	8.8	6.8	8.1	8.3	
WONG BOK	CRTS		7.3	10.3	13.4	13.5	10.7	11.7	7.2	14.9	16.1	14.5	13.1	9.4	11.8	12.4	
CARROTS (TOPPED)	SKS	A	8.5	8.9	7.2	6.9	6.4	7.0	6.5	7.2	7.5	7.5	7.5	7.5	7.4	9.5	
CELERY	CRTS	A	-	-	-	-	12.3	13.3	11.5	12.0	10.3	10.5	11.8	12.1	11.7	-	
CORN, GREEN	SKS	A	-	8.5	8.5	-	8.0	8.5	8.5	8.0	7.8	8.2	8.8	8.9	8.4	8.2	
CUCUMBERS	CRTS	A	11.6	14.0	18.9	10.8	10.6	15.8	11.0	9.4	9.0	13.3	14.1	12.1	12.6	12.5	
DAIKON (BUNCHED)	SKS		6.2	5.7	6.6	6.5	5.8	5.6	6.6	6.3	5.5	5.5	5.7	5.9	6.0	5.6	
DASHEENS	SKS		-	-	-	-	-	-	25.5	25.0	23.0	22.5	22.2	20.6	23.1	23.8	
EGGPLANT, LONG	CRTS		13.7	13.5	12.0	11.5	10.5	11.0	10.2	9.0	9.1	9.2	9.3	9.5	10.7	12.0	
EGGPLANT, ROUND	SKS		7.6	6.0	6.0	6.9	6.5	6.5	7.8	6.2	9.2	8.8	9.0	9.0	7.6	9.0	
GINGER ROOT	CRTS		45.0	39.0	35.0	33.0	32.5	35.0	38.0	41.0	38.0	35.0	38.0	32.0	36.3	47.8	
LETTUCE:																	
ICEBERG TYPE	CRTS	A	15.0	14.0	12.9	12.8	12.0	12.0	12.1	12.4	14.5	14.6	15.8	15.5	13.6	13.9	
SEMI-HEAD	CRTS	A	11.8	12.4	16.0	9.7	9.1	10.1	13.7	12.8	14.9	14.9	14.0	8.2	12.2	13.1	
LOTUS ROOT	LOOSE		22.0	23.0	24.7	29.0	29.0	33.5	-	27.8	24.0	23.0	23.0	24.0	25.7	26.0	
ONIONS, DRY	SKS		-	-	-	7.5	5.5	5.1	4.4	4.7	-	-	-	-	5.4	12.6	
ONIONS, GREEN (BUNCHED)	SKS		18.8	18.5	16.3	14.6	11.5	11.1	11.3	11.3	11.0	11.9	12.6	12.8	13.5	14.9	
PAPAYAS	CRTS	A	6.2	6.4	7.5	7.4	4.1	3.2	9.9	5.5	6.4	7.5	7.3	7.6	6.1	7.8	
PEAS, CHINESE (SMALL)	LOOSE		85.0	83.0	64.0	57.0	38.0	72.0	77.0	82.0	88.5	72.0	80.0	82.0	73.4	65.3	
PEPPERS, SWEET	CRTS	A	18.6	19.2	24.2	27.0	23.3	23.7	20.5	19.5	16.5	12.2	14.1	13.0	19.3	21.8	
SWEETPOTATOES:																	
REDS	SKS & CRTS	A	9.0	9.0	9.4	9.0	9.0	9.0	9.0	9.0	9.2	9.4	9.5	9.5	9.2	9.6	
YELLOWS	SKS & CRTS	A	-	7.3	7.5	7.0	6.6	6.5	6.3	5.7	5.5	7.5	-	-	6.7	8.2	
BAKER VARIETIES	SKS & CRTS		9.5	9.5	9.8	10.8	10.3	9.6	9.3	9.1	9.0	11.0	10.8	11.0	10.0	10.0	
TANGERINES	LUGS & CRTS		13.5	14.0	-	-	-	-	-	-	-	24.1	24.0	13.8	-	-	
TOMATOES (PLACE PACKS)	LUGS	A	23.8	20.3	20.0	20.0	15.5	15.0	-	-	14.3	15.6	-	-	18.1	19.8	
TOMATOES (LOOSE)	LUGS & CRTS	A	20.7	18.3	15.2	15.7	10.5	13.7	15.2	15.1	10.5	13.2	9.8	14.0	14.3	16.6	
TOMATOES (LOOSE)	LUGS & CRTS	B	15.9	12.2	11.7	12.5	7.5	9.7	12.5	11.7	7.6	10.8	6.9	10.7	10.8	13.3	
WATERMELONS	LOOSE		-	-	-	16.2	11.9	8.2	7.2	7.8	7.5	7.4	9.8	-	9.5	9.9	
YAM BEAN ROOT	CRTS		15.5	15.0	14.3	14.5	14.5	14.8	15.0	15.2	15.0	15.0	15.0	14.8	14.9	-	

^{1/} PART TRUCKLOTS OR TRUCKLOT QUANTITIES SOLD TO RETAILERS AND RESTAURANTS.

Table 19.--Island Livestock Products: Average Wholesale Prices, by Islands, 1953 1/

Commodity	Unit	Hawaii	Maui	Molokai	Oahu	Kauai
Dollars						
Cattle (carcasses) 2/						
Steers	pound	.42	.44	.45	.43	.44
Heifers	pound	.42	.43	.42	.42	.43
Cows	pound	.32	.35	.35	.32	.34
Bulls	pound	.36	.33	.31	.32	.35
Offal, hide, and tallow	per animal	16.65	19.65	19.65	18.65	15.65
Milk 3/	quart	.184	.198	.205	.185	.191
Sheep						
Mutton (carcasses) 2/	pound	.305	-	-	-	.305
Wool 4/	pound	.50	-	-	-	.50
Offal and hide	per animal	1.28	-	-	-	1.28
Swine 5/	liveweight pound	.31	.35	.34	.29	.35
Poultry						
Eggs (in cases)	dozen	.74	.75	.73	.78	.80
Hens, roosters (N.Y. dressed)	pound	.45	.55	.55	.50	.77
Fryers, roasters, broilers (N.Y. dressed)	pound	.55	.65	.65	.61	.80

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

2/ SALES BY SLAUGHTERHOUSE.

3/ DELIVERED BOTTLING PLANT.

4/ F.A.S. ISLAND PORT.

5/ DELIVERED SLAUGHTERHOUSE.

Table 20.--Island Beef: Honolulu Prices, Monthly Averages, by Classes, 1953 1/

Class	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average	
													1953	1952
Cents per pound - dressed weight													Cents per pound	
Steers	50.8	46.2	44.7	43.0	43.5	43.4	43.8	43.8	43.2	41.9	40.3	40.6	43.8	52.3
Heifers	50.8	46.2	44.7	43.0	43.5	43.4	43.5	43.8	43.2	41.9	39.3	39.6	43.6	51.3
Cows	41.8	40.2	38.7	36.5	35.2	33.6	33.2	31.3	29.2	29.2	31.3	32.4	34.4	44.9
Bulls	42.6	41.5	40.2	37.5	37.2	35.7	33.7	31.0	29.2	29.2	29.3	29.3	34.7	45.1

1/ SALES BY SLAUGHTERHOUSES FOR TOP GRADES.

Table 21.--Island Hogs: Honolulu Wholesale Prices, Monthly Averages, 1953 1/

Weight range	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average	
													1953	1952
Cents per pound - live weight													Cents per pound	
Pounds														
175-200	34.8	34.0	30.8	27.5	27.0	27.8	29.0	29.3	30.5	30.2	29.9	28.3	29.9	36.5

1/ DELIVERED SLAUGHTERHOUSES.

TABLE 22.--POULTRY: HONOLULU WHOLESALE PRICES, MONTHLY AVERAGES, BY CLASSES, 1953 ^{1/}

ORIGIN AND CLASS	GRADE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE	
														1953	1952
														CENTS PER POUND	
ISLAND (CHICKENS)														CENTS PER POUND	
EVISCERATED 2-9 LBS.		78.0	79.8	80.0	80.0	76.0	70.7	70.5	73.5	75.0	74.5	77.5	76.0	76.0	78.7
N.Y. DRESSED:															
FRYERS AND ROASTERS		63.2	64.3	64.3	63.8	62.8	61.2	60.7	57.8	58.3	59.0	60.5	61.0	61.4	64.8
COLORED STEWERS		50.0	52.5	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.0	52.0	52.0	52.1	54.5
WHITE STEWERS		42.5	43.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	44.8
MAINLAND															
EVISCERATED:															
BROILERS	A	71.0	71.0	72.0	65.0	66.0	64.3	61.5	64.0	67.0	65.1	64.5	66.5	66.5	72.0
FRYERS	A	68.0	68.0	64.2	60.0	62.5	64.5	65.9	65.8	70.0	70.3	70.5	67.5	66.4	62.1
ROASTERS	A	77.0	71.0	70.5	63.6	62.7	65.9	68.3	67.5	69.0	67.1	66.5	72.0	68.4	67.6
FOWL	A	58.2	59.5	59.5	58.5	61.5	62.0	61.5	62.3	63.0	62.4	61.5	61.5	60.9	59.3
TURKEYS:															
HENS	A	64.2	62.5	63.7	64.2	64.7	65.2	66.5	66.5	66.5	64.2	63.0	63.5	64.6	68.4
TOMS	A	60.2	58.0	58.0	59.0	60.0	61.5	62.5	63.4	65.0	59.8	58.3	58.3	60.3	61.7
DUCKS	A	64.7	65.5	65.5	64.7	63.3	63.1	62.6	62.0	62.5	62.5	62.5	63.5	63.5	2/
DRESSED:															
BROILERS	A	51.5	51.5	50.2	52.0	53.5	51.3	50.7	50.5	50.5	50.5	50.5	49.5	51.0	53.2
FRYERS	A	53.0	53.0	53.0	51.0	51.5	52.6	51.0	50.5	53.0	51.8	51.7	50.0	51.8	48.4
ROASTERS	A	52.0	52.0	52.0	53.0	54.0	52.5	52.0	52.0	52.0	52.4	52.0	52.0	52.3	51.1
FOWL	A	40.0	44.7	43.2	41.5	43.6	44.0	44.0	43.8	44.0	43.2	43.0	41.5	43.0	42.6
DUCKS	A	47.0	48.0	49.0	46.4	45.5	45.5	45.5	45.5	46.0	46.0	46.0	46.0	46.4	2/

^{1/} SALES TO RETAILERS.^{2/} NOT COMPUTED.TABLE 23.--EGGS: HONOLULU WHOLESALE PRICES, MONTHLY AVERAGES, BY ORIGIN, 1953 ^{1/}

ORIGIN	CONTAINER	GRADE AND SIZE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	AVERAGE		
															1953	1952	
																CENTS PER DOZEN	
ISLAND	CARTONS	A LARGE	90.0	83.1	75.2	83.0	86.0	86.0	87.6	92.5	95.0	90.9	89.1	81.5	86.7	84.7	
		A MEDIUM	81.0	76.4	69.5	73.6	76.0	76.0	77.1	83.0	85.0	77.4	75.3	71.5	76.8	77.6	
		A SMALL	62.0	61.0	57.0	59.2	61.2	61.2	61.1	63.5	65.8	62.0	61.0	61.0	61.3	62.6	
																CENTS PER DOZEN	
MAINLAND	CASES	A LARGE	72.2	62.1	65.2	69.6	69.8	68.4	72.7	78.1	81.2	81.2	75.8	72.6	72.4	66.3	
		A MEDIUM	68.3	58.1	61.7	66.8	67.3	65.6	69.1	73.6	74.7	70.4	65.3	64.4	67.1	60.6	

^{1/} SALES TO RETAILERS.

RECEIPTS AND SHIPMENTS

Table 24.--Fresh Fruits and Vegetables: Receipts by Destination, 1953, Totals 1949-53 1/

Commodity	Destination				Total Receipts				
	Hawāii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	1,000 pounds				1,000 pounds				
Apples	583	294	5,095	208	6,180	5,422	6,281	6,312	6,581
Apples, crab	1	1	24	-	26	59	29	28	38
Apricots	1	-	12	-	13	-	14	21	-
Artichokes	-	-	84	-	84	60	65	85	46
Asparagus	-	-	41	-	41	22	34	41	22
Broccoli	6	-	82	-	88	125	212	96	110
Brussels sprouts	-	-	10	-	10	11	11	26	34
Cabbage, head	8	-	802	20	830	168	309	167	477
Cabbage, oriental	-	-	6	-	6	35	46	15	49
Carrots	173	1	2,254	104	2,532	2,074	2,489	2,043	1,775
Cauliflower	28	-	241	10	279	291	398	448	301
Celery	114	85	2,167	89	2,455	2,379	2,797	2,281	1,753
Cherries	7	5	111	4	127	77	127	195	28
Cranberries	-	-	12	-	12	11	12	14	10
Cucumbers	-	-	24	-	24	18	10	9	5
Garlic	5	16	183	17	221	216	218	193	205
Ginger root	-	-	1	-	1	10	47	-	-
Grapefruit	86	64	1,272	28	1,450	1,238	1,688	1,244	1,235
Grapes	198	108	1,581	49	1,936	2,212	2,182	2,052	1,406
Lemons	36	35	1,232	23	1,326	1,159	1,575	1,103	914
Lettuce	1	6	1,719	11	1,737	1,285	1,825	1,389	653
Limes	-	-	14	-	14	4	16	6	2
Melons:									
Cantaloups	28	8	577	4	617	541	815	841	14
Honeydews/Honeyballs	4	6	481	4	495	340	471	442	108
Casabas, etc.	5	-	62	2	69	60	113	133	26
Watermelons	24	42	449	-	515	588	1,378	1,610	212
Nectarines	66	23	465	7	561	480	593	491	30
Onions, dry	885	237	5,252	359	6,733	6,100	7,193	6,905	6,913
Onions, green	-	-	11	-	11	55	25	17	1
Oranges	765	828	9,688	608	11,889	10,696	14,146	12,212	10,001
Peaches	24	8	412	4	448	333	597	619	94
Pears	121	32	1,090	29	1,272	1,354	1,399	1,101	1,008

continued

Table 24.—Continued

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	1,000 pounds					1,000 pounds			
Peas (all types)	-	-	4	-	4	4	10	9	4
Peppers	7	-	133	3	143	312	441	428	99
Persimmons	7	1	68	1	77	623	121	156	189
Plums	33	3	728	11	775	455	877	731	16
Potatoes	1,613	885	18,723	674	21,895	16,586	20,376	17,266	16,436
Pumpkins	-	-	6	-	6	7	4	5	-
Squash ^{2/}	-	3	151	-	154	126	186	156	103
Sweetpotatoes	3	6	291	-	300	270	516	380	341
Tangerines	3	6	204	6	219	158	278	209	119
Tomatoes	30	-	820	-	850	1,512	2,118	1,383	524
Turnips/rutabagas	-	-	39	-	39	24	57	82	92
Total	4,865	2,703	56,621	2,275	66,464	57,500	72,099	62,944	51,974

1/ INCLUDES SHIP AND PLANE RECEIPTS FROM ALL SOURCES.

2/ ALL TYPES.

Table 25.—Frozen Fruits, Vegetables, and Juices: Receipts from the U. S. Mainland, by Destination, 1953, Totals 1949-53

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	1,000 pounds					1,000 pounds			
Fruits									
Apples/apple sauce	-	-	14	1	15	10	7	12	22
Berries: strawberries	9	4	425	4	442	304	395	330	267
other berries	-	-	48	-	48	24	30	49	25
Cherries	-	-	21	-	21	41	27	30	25
Melon balls	1	-	9	-	10	11	5	3	4
Peaches	2	2	42	-	46	37	40	24	28
Total fruits	12	6	559	5	582	427	504	448	371
Vegetables									
Asparagus	-	-	35	-	35	15	16	22	32
Beans, lima	6	1	107	-	114	125	94	67	61
Beans, snap	2	1	152	-	155	131	99	59	83
Broccoli	2	-	106	1	109	88	80	53	60

Table 25.--Continued

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	<u>1,000 pounds</u>				<u>1,000 pounds</u>				
<u>Vegetables--cont'd</u>									
Brussels sprouts	-	-	35	-	35	34	25	25	13
Carrots	-	-	2	-	2	-	3	2	1
Cauliflower	1	-	53	-	54	38	29	22	23
Corn	-	-	98	-	98	94	80	97	130
Peas	13	5	237	4	259	248	237	196	178
Peas/carrots	4	1	60	-	65	51	36	22	25
Potatoes	-	-	44	-	44	27	15	22	9
Rhubarb	-	-	13	-	13	14	6	4	6
Spinach	3	-	78	-	81	82	82	47	23
Squash	-	-	-	-	-	10	12	7	12
Succotash	-	-	13	-	13	13	14	17	15
Mixed vegetables	6	2	105	-	113	88	61	80	33
Total vegetables	37	10	1,138	5	1,190	1,058	889	740	704
Unspecified fruits and vegetables	-	-	30	-	30	65	102	40	27
Total fruits and vegetables	49	16	1,727	10	1,802	1,550	1,495	1,230	1,102
	<u>Gallons</u>				<u>Gallons</u>				
<u>Juices</u>									
Apple	-	-	-	-	-	168	368		
Grape	320	496	5,524	85	6,425	3,641	1,543		
Grapefruit	-	-	854	11	865	340	253		
Lemon	77	51	3,845	41	4,014	3,105	2,948		
Lemonade	152	275	10,165	35	10,627	2,176	1,504		
Lime	-	-	576	-	576	274	107		
Limeade	-	-	84	-	84	-	34		
Orange	1,343	1,600	42,183	994	46,120	55,235	48,736		
Orangeade	90	45	1,744	11	1,890	189	49		
Tangerine	-	-	722	-	722	392	-		
Unspecified juices	-	-	1,086	8	1,094	1,443	999		
Total juices	1,982	2,467	66,783	1,185	72,417	66,963	56,541		

Data

not

compiled

Table 26.--Peanuts, Rice and Soybeans: Receipts from All Sources, by Destination, 1953, Totals 1949-53 1/

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	1,000 pounds					1,000 pounds			
Peanuts, sacked									
Shelled/unshelled	4	14	435	-	453	517	354	231	405
Rice									
Brown	35	23	92	-	150	219	247	385	473
Clean	11,935	6,506	38,887	5,426	62,754	62,565	63,428	64,637	59,160
Mochi	60	3	216	-	279 2/	180	156	14	-
Soybeans	439	125	1,952	2	2,518	1,659	1,267	1,558	2,593

1/ UNLESS OTHERWISE STATED, RECEIPTS WERE FROM THE U.S. MAINLAND.

2/ 50,000 POUNDS FROM THE ORIENT.

Table 27.--Peanuts, Rice and Soybeans: Receipts from All Sources, by Months, 1953 1/

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 pounds												
Peanuts, sacked													
Shelled/unshelled	40	26	50	17	16	133	-	7	112	6	3	43	453
Rice													
Brown	15	7	9	20	14	13	10	5	15	-	23	19	150
Clean	4,292	5,480	7,370	4,688	5,089	8,581	2,623	2,582	4,413	5,161	7,481	4,994	62,754
Mochi	-	12	30	6	21	9	11	-	46	11	2	131 2/	279
Soybeans	-	320	50	277	296	573	10	142	60	89	150	551	2,518

1/ UNLESS OTHERWISE STATED, RECEIPTS WERE FROM THE U.S. MAINLAND.

2/ 50,000 POUNDS FROM THE ORIENT.

Table 28.--Feed Grains and Feedstuffs: Receipts from All Sources, by Destination, 1953, Totals 1949-53

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	Tons				Tons				
Feed Grains									
Barley 1/	2,369	1,870	7,990	1,217	13,446	13,504	15,618	15,905	11,956
Corn 2/	1,321	292	6,557	23	8,193	7,633	6,065	6,631	5,263
Oats 1/	23	48	1,235	50	1,356	713	529	565	626
Wheat 1/	113	105	967	-	1,185	930	997	1,086	1,309
Sorghums	451	64	1,059	50	1,624	4,254	3,155	1,977	4,411
Total feed grains	4,277	2,379	17,808	1,340	25,804	27,034	26,364	26,164	23,565
Millfeeds									
Rice bran	1	-	600	-	601	568	272	230	270
Wheat bran	1	-	87	23	111	322	71	42	877
Middlings	1,224	946	4,312	376	6,858	5,134	5,446	4,813	3,969
Millrun	1,117	199	3,792	17	5,125	4,132	5,899	5,279	4,412
Wheat meal	-	-	-	-	-	-	-	-	32
Other	37	115	82	-	234	254	49	211	67
Total millfeeds	2,380	1,260	8,873	416	12,929	10,410	11,737	10,575	9,627
Mixed Feeds									
Dairy	977	46	2,516	152	3,691	3,754	2,599	1,724	1,580
Poultry 3/	3,968	4,074	16,700	4,339	29,081	29,934	30,846	27,210	27,114
Poultry scratch 3/	1,708	777	1,584	793	4,862	6,109	5,621	5,261	4,182
Pigeon	16	66	560	14	656	735	532	479	366
Rabbit 3/	182	141	1,079	118	1,520	2,343	1,705	1,223	690
Swine	421	400	4,380	722	5,923	5,575	4,132	3,257	3,317
Other	189	76	871	61	1,197	1,065	627	464	-
Total mixed feeds	7,461	5,580	27,690	6,199	46,930	49,515	46,062	39,618	37,249

continued

Table 28.--Continued

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950	1949
	Tons				Tons				
<u>Protein Feeds</u>									
Alfalfa meal ^{2/}	462	346	6,837	59	7,704	5,501	2,412	4,929	3,611
Copra meal	-	-	1,750	-	1,750	2,005	1,286	1,018	1,107
Cottonseed meal	65	844	2,278	306	3,493 ^{4/}	2,346	950	1,217	863
Fish meal	79	11	427	11	537	425	618	790	336
Linseed meal	-	-	100	5	105	3	20	43	221
Meat and bone meal	82	61	278	5	426	184	76	205	372
Peanut meal	-	-	80	-	80	60	80	40	220
Soybean meal	1,016	189	6,309	12	7,526	6,019	7,231	7,347	7,401
Whey	-	-	36	-	36	13	48	38	91
Other	93	22	466	-	581	590	859	779	-
Total protein feeds	1,797	1,473	18,561	407	22,238	17,146	16,580	16,406	14,222
<u>Miscellaneous Feedstuffs</u>									
Beet pulp	-	-	12	-	12	1	32	107	58
Brewers' grain	-	-	70	-	70	160	590	-	5 ^{1/}
Total miscellaneous feeds	-	-	82	-	82	161	622	107	58
Total All Feeds	1953	15,915	10,692 ^{5/}	73,014	8,362	107,983			
	1952	14,114	11,072	71,189	7,891		104,266		
	1951	15,890	11,698	64,444	9,333			101,365	
	1950	13,964	10,200	61,109	7,597				92,870
	1949	10,146	5,614	63,085	5,876				84,721

1/ ROLLED, GROUND, AND WHOLE.

2/ CRACKED, GROUND, WHOLE, AND GRITS.

3/ INCLUDING PELLETS.

4/ INCLUDING THE FOLLOWING IMPORTS UNDER THE FEDERAL EMERGENCY DROUGHT RELIEF PROGRAM (TONS): 60 TO HAWAII, 376 TO MAUI (INCLUDING 40 TO MOLOKAI), 35 TO HONOLULU, AND 25 TO KAUAI.

5/ NOT COMPILED.

6/ INCLUDING THE FOLLOWING QUANTITIES TO MOLOKAI (TONS): 26 BARLEY, 26 MIDDINGS, 3 POULTRY SCRATCH, 2 SWINE, AND 40 COTTONSEED MEAL; AND TO LANAI, 1 BARLEY, 4 POULTRY SCRATCH, AND 4 SWINE.

Table 29.—Feed Grains and Feedstuffs: Receipts from All Sources, by Months, 1953

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
T o n s													
Feed Grains													
Barley 1/	1,342	1,050	1,191	664	1,091	1,688	765	1,008	1,509	870	1,001	1,267	13,446
Corn 2/	956	888	448	476	761	662	1,210	485	603	835	440	429	8,193
Oats 1/	198	78	124	125	257	137	2	108	121	59	63	84	1,356
Wheat 1/	201	122	151	90	138	103	61	36	71	60	83	69	1,185
Sorghums	120	215	67	148	287	211	136	20	78	64	153	125	1,624
Total feed grains	2,817	2,353	1,981	1,503	2,534	2,801	2,174	1,657	2,382	1,888	1,740	1,974	25,804
Mill Feeds													
Rice bran 3/	54	70	6	47	45	95	14	4	-	126	130	10	601
Wheat bran	2	4	34	7	2	17	-	27	8	3	2	5	111
Middlings	876	810	658	471	506	666	286	510	689	311	553	522	6,858
Millrun	664	354	205	336	735	438	193	385	509	295	476	535	5,125
Other	13	30	15	4	27	19	17	9	16	23	36	25	234
Total mill feeds	1,609	1,268	918	865	1,315	1,235	510	935	1,222	758	1,197	1,097	12,929
Mixed Feeds													
Dairy	552	352	293	399	391	223	216	113	287	212	293	360	3,691
Poultry 3/	2,714	2,138	2,036	2,326	3,041	3,776	1,704	1,918	2,884	1,853	2,066	2,625	29,081
Poultry scratch 3/	525	409	423	405	408	464	238	271	539	279	409	492	4,862
Pigeon	51	49	65	32	41	107	41	29	68	51	41	81	656
Rabbit 3/	129	126	120	124	173	190	70	90	156	113	94	135	1,520
Swine	996	446	416	368	557	540	296	332	806	240	334	592	5,923
Other 3/	144	134	68	54	166	67	43	79	137	65	114	126	1,197
Total mixed feeds	5,111	3,654	3,421	3,708	4,777	5,367	2,608	2,832	4,877	2,813	3,351	4,411	46,930
Protein Feeds													
Alfalfa meal 3/	358	435	424	469	807	996	875	482	808	504	687	859	7,704
Copra meal	330	-	200	130	115	340	5	-	200	140	100	190	1,750
Cottonseed meal 3/	328	188	146	236	275	251	40	155	16	511	407	940	3,493
Fish meal	52	83	21	52	76	25	35	74	29	15	33	42	537
Linseed meal	3	-	-	-	50	50	-	2	-	-	-	-	105
Meat and bone meal	9	12	22	27	53	31	49	39	6	75	52	51	426
Peanut meal	-	-	-	-	-	-	-	-	-	80	-	-	80

continued

Table 29.--Continued

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	T o n s												
<u>Protein Feeds--cont</u>													
Soybean meal	552	708	323	561	792	861	539	496	336	846	567	945	7,526
Whey	13	-	1	-	1	-	10	-	11	-	-	-	36
Other	117	95	113	60	102	85	-	-	2	2	5	-	581
Total protein feeds	1,762	1,521	1,250	1,535	2,271	2,639	1,553	1,248	1,408	2,173	1,851	3,027	22,238
<u>Miscellaneous Feedstuffs</u>													
Beet pulp	-	-	1	-	-	-	-	1	-	6	4	-	12
Brewers' grain	-	20	-	-	-	30	-	-	-	-	-	20	70
Total miscellaneous feeds	-	20	1	-	-	30	-	1	-	6	4	20	82
Total All Feeds													
1953	11,299	8,816	7,571	7,611	10,897	12,072	6,845	6,673	9,889	7,638	8,143	10,529	107,983
1952	8,745	8,125	9,596	7,166	10,503	1,907	12,510	14,383	7,697	8,222	8,016	7,396	104,266
1951	8,759	9,185	8,057	6,662	8,499	12,600	7,493	7,006	9,344	7,403	9,720	6,047	101,365
1950	5,672	5,636	7,597	6,420	8,265	9,231	9,254	11,858	8,228	5,231	7,679	7,799	92,870
1949	8,113	5,356	5,544	6,722	2,246	11,861	5,804	10,483	4,877	8,796	8,989	5,930	84,721

- 1/ ROLLED, GROUND, AND WHOLE.
2/ CRACKED, GROUND, WHOLE, AND GRIT.
3/ INCLUDING PELLETS.
4/ INCLUDING CALF FEED.

Table 30.--Feed Grains and Feedstuffs: Receipts from Foreign Countries, by Months, 1953 1/

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total Receipts	
													1953	1952
	Tons													
Feed Grains														
Barley	-	-	40	-	-	-	-	30	30	30	30	72	232	194
Oats	157	-	98	65	155	100	-	90	115	40	-	70	890	80
Wheat	150	-	23	-	-	-	-	15	15	15	-	-	218	30
Total feed grains	307	-	161	65	155	100	-	135	160	85	30	142	1,340	304
Mill Feeds														
Wheat bran	-	-	30	-	-	15	-	25	-	-	-	-	70	192
Middlings	320	-	220	30	60	200	60	90	135	60	-	90	1,265	871
Millrun	-	-	40	30	-	-	-	-	5	-	-	-	75	-
Other mill feeds	-	-	-	-	-	-	-	-	-	-	-	18	18	-
Total mill feeds	320	-	290	60	60	215	60	115	140	60	-	108	1,428	1,063
Mixed Feeds														
Dairy	15	-	1	-	-	-	3	-	-	-	-	-	19	5
Poultry	209	-	128	15	70	283	-	-	-	40	-	-	745	709
Poultry scratch	32/	-	8	-	-	-	-	-	-	-	-	40	51	25
Rabbit	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Swine	3192/	-	120	-	30	50	63	50	195	-	-	-	827	180
Other mixed feeds	15	-	-	-	-	-	-	25	40	-	30	-	110	-
Total mixed feeds	561	-	257	16	100	333	66	75	235	40	30	40	1,753	919
Protein Feeds														
Copra meal	330	-	200	130	100	340	-	-	200	140	100	190	1,730	-
Fish meal	-	-	-	-	-	-	-	-	-	-	-	32	32	78
Linseed meal	-	-	-	-	50	50	-	-	-	-	-	-	100	-
Total protein feeds	330	-	200	130	150	390	-	-	200	140	100	222	1,862	78
Total All Feeds	1,518	-	908	271	465	1,038	126	325	735	325	160	512	6,383	2,364

1/ RECEIPTS WERE AT HONOLULU UNLESS OTHERWISE INDICATED. ALL FEEDS WERE FROM CANADA EXCEPT COPRA MEAL (FROM PHILIPPINES) AND LINSEED MEAL (FROM ORIENT). INCLUDED IN TOTALS OF TABLES 28 AND 29.

2/ INCLUDING 2 TONS TO LANAI.

2/ INCLUDING 2 TONS TO LANAI.

Table 31.—Livestock: Receipts from All Sources, by Months, 1953, Totals 1949-53

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	T o t a l				
													1953	1952	1951	1950	1949
						</											

Table 32.—Hatching Eggs and Chicks: Receipts from All Sources, by Months, 1949-53

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Hatching Eggs--Dozens													
1949	13,650	14,030	22,540	15,760	3,030	450	390	180	-	-	11,430	16,500	97,960
1950	17,400	13,740	17,670	17,400	10,410	7,440	11,100	7,980	3,480	13,980	11,640	7,800	140,040
1951	19,920	16,050	12,970	12,570	14,220	13,590	9,060	9,030	6,810	12,930	14,370	13,710	155,230
1952	22,440	18,450	18,060	20,430	14,880	600	1,260	7,200	11,700	14,280	11,310	13,920	154,530
1953	17,640	24,210	20,220	18,330	15,480	11,940	6,450	3,930	4,770	8,940	11,730	18,060	161,700
5-year average	18,210	17,296	18,292	16,898	11,604	6,804	5,652	5,664	5,352	10,026	12,096	13,998	141,892
Chicks--Number													
1949	93,200	73,580	76,110	88,030	42,130	27,790	95,180	143,310	114,040	142,140	115,180	51,130	1,061,820
1950	51,300	37,570	54,900	38,000	38,070	27,530	22,730	34,990	28,310	34,860	24,620	25,250	418,130
1951	24,019	35,632	39,104	28,983	29,815	28,813	45,973	50,480	58,996	71,977	42,700	39,417	495,909
1952	36,475	53,164	48,907	42,409	21,867	28,975	61,149	85,432	53,163	33,812	37,841	31,409	534,603
1953	38,845	36,439	37,532	29,558	15,825	19,137	15,725	36,716	46,298	55,825	39,000	51,275	422,175
5-year average	48,768	47,277	51,311	45,396	29,541	26,449	48,151	70,186	60,161	67,723	51,868	39,696	586,527
Hatching Eggs and Chicks--1,000 chicks 1/													
1949	168	151	200	175	59	30	97	145	114	142	178	142	1,601
1950	147	113	152	134	95	68	84	79	47	112	89	68	1,188
1951	134	124	110	98	108	104	96	100	96	143	122	114	1,349
1952	160	154	148	154	104	32	68	126	117	113	100	108	1,384
1953	134	170	149	130	101	85	51	58	73	105	104	151	1,311
5-year average	149	142	152	138	93	64	79	102	89	123	119	117	1,367

1/ HATCHING EGGS CONVERTED TO CHICKS AT 5.5 CHICKS PER DOZEN FROM ABOVE DATA.

SOURCE: TERRITORIAL BOARD OF AGRICULTURE AND FORESTRY.

Table 33.--Meats, Dairy and Poultry Products: Receipts from All Sources, by Destination, 1953, Totals 1949-53 1/

Commodity	Destination				Total Receipts				
	Hawaii	Maui	Honolulu	Kauai	1953	1952	1951	1950 2/	1949
	1,000 pounds					1,000 pounds			
<u>Meats 3/</u>									
Beef and veal 4/	510	85	12,767	84	13,446	7,496	5,204	7,709	7,791
Pork	293	157	4,423	109	4,982	5,677	5,478	4,185	3,221
Lamb and mutton	23	6	860	-	889	806	684	712	574
Total meats	826	248	18,050	193	19,317	13,979	11,366	12,606	11,586
<u>Specified dairy products and oleomargarine</u>									
Butter, table	285	196	1,725	119	2,325 5/	2,305	2,546	2,545	2,897
Butterfat (for mfr.)	53	5	795	4	857	1,157	892	1,020	761
Cheese	104	44	1,085	32	1,265 6/	1,593	1,350	429 7/	358 7/
Oleomargarine	177	131	1,928	65	2,301	2,154	1,472	8/	8/
<u>Specified poultry products</u>									
Chickens, dressed	257	183	2,503	92	3,035 2/	3,030	3,863	3,204	2,714
Turkeys, dressed	112	65	1,368	36	1,581 10/	1,149	754	674	419
	Cases (30 dozens)					Cases (30 dozens)			
Eggs, shell	134	968	81,903	285	83,290	81,110	79,746	63,227	78,952

1/ INCLUDING SHIP AND PLANE RECEIPTS; SOME DATA FOR YEARS PRIOR TO 1953 REVISED.

2/ DATA FOR DESTINATIONS OTHER THAN HONOLULU ARE FOR 10 MONTHS ONLY; MAY AND JUNE RECORDS DESTROYED BY FIRE.

3/ INCLUDING ONLY FRESH, FROZEN, AND CHILLED CARCASSES AND CUTS.

4/ GROUND BEEF INCLUDED FROM 1952.

5/ INCLUDING 240,000 POUNDS IMPORTED UNDER THE AGRICULTURAL PRICE SUPPORT PROGRAM.

6/ INCLUDING 47,000 POUNDS IMPORTED UNDER THE AGRICULTURAL PRICE SUPPORT PROGRAM.

7/ DATA INCOMPLETE; INCLUDE ONLY ICEHOUSE CARGO.

8/ NOT COMPILED.

9/ INCLUDING 29,000 POUNDS IMPORTED UNDER THE AGRICULTURAL PRICE SUPPORT PROGRAM.

10/ INCLUDING 170,000 POUNDS IMPORTED UNDER THE AGRICULTURAL PRICE SUPPORT PROGRAM.

Table 34.--Shipments of Specified Products to the U. S. Mainland, by Months, 1950-53

		A. Papayas and Pineapples--1,000 pounds ^{1/}												Total
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
Papayas	1953	45	34	36	41	125	87	70	40	39	51	85	121	774
	1952	12	16	18	32	42	2/	2/	36	33	50	49	43	331
	1951	38	63	71	26	19	21	25	5	8	10	11	16	313
	1950	15	42	37	19	12	16	8	11	13	23	45	45	286
Pineapples	1953	254	358	644	560	425	361	301	271	309	435	542	378	4,838
	1952	111	141	236	252	333	2/	2/	414	265	170	392	275	2,589
	1951	96	41	51	100	68	26	47	47	124	156	151	218	1,125
	1950	-	-	-	23	39	70	62	11	70	83	43	235	636
		B. Floral Material--No. of packages												Total
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
1953		20,692	23,691	33,856	42,150	104,422	47,459	35,248	32,822	34,408	32,247	31,753	75,945	514,693
1952		44,147	56,688	43,354	86,239	70,414	28,546	23,477	23,590	28,426	29,369	26,508	40,684	499,410
1951		32,013	42,749	70,620	38,338	75,274	35,997	31,777	34,274	35,388	37,318	37,380	50,406	521,534
1950		28,788	33,484	38,652	53,237	73,610	51,078	30,786	25,579	30,926	37,227	37,761	58,610	499,738
		C. Misc. Vegetables and Coconuts												Total
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
Misc. vegetables (1,000 pounds)		29	31	26	32	23	23	23	44	50	44	53	74	452
Coconuts (1,000 nuts)		6	7	1	4	1	4	16	4	3	8	8	14	76

^{1/} 1950 AND 1952 DATA INCLUDE GIFT SHIPMENTS BY NON-COMMERCIAL SHIPPERS; DATA FOR SUBSEQUENT YEARS INCLUDE ONLY BULK AND GIFT SHIPMENTS BY COMMERCIAL SHIPPERS.

^{2/} MARITIME STRIKE MONTH.

SOURCES: FEDERAL AND TERRITORIAL PLANT QUARANTINE AGENCIES AND STEAMSHIP COMPANIES.

STATISTICS OF DIVERSIFIED CROPS

Table 35.--Fruits, Vegetables, and Miscellaneous Crops: Acreage, Production, and Wholesale Value of Marketings, Average 1947-51, Annual 1952 and 1953

Commodity	Acreage ^{1/}			Production ^{2/}			Value ^{3/}		
	Average 1947-51	1952 ^{4/}	1953	Average 1947-51	1952 ^{4/}	1953	Average 1947-51	1952 ^{4/}	1953
	Acres			1,000 pounds			1,000 dollars		
Fruits and Melons									
Avocados	207	156	157	1,036	1,010	910	99	83	69
Bananas: 5/									
Bearing	868	932	902	7,411	7,250	7,710	537	528	533
Non-bearing	144	76	66						
Oranges	25	24	24	339	200	220	23	13	10
Papayas:									
Bearing	384	320	406	6,447	7,055	9,240	350	465	499
Non-bearing	184	247	192						
Tangerines	21	22	22	218	235	205	32	36	26
Watermelons	782	635	647	4,681	4,755	3,975	485	385	356
Total fruits and melons	2,615	2,412	2,416	20,132	20,505	22,260	1,526	1,510	1,493
Vegetables									
Beans, snap	297	302	246	2,078	2,440	2,275	298	375	319
Broccoli	62	49	55	270	265	330	44	48	62
Burdock	49	55	39	638	725	645	156	146	112
Cabbage, head	642	609	504	8,475	8,430	6,770	350	272	389
Cabbage, oriental	338	397	345	3,013	3,625	3,700	319	392	381
Carrots	201	147	117	1,929	1,405	1,230	130	90	75
Cauliflower	52	53	41	344	420	325	53	76	49
Celery	17	5	15	551	150	495	70	14	58
Corn, green	291	295	357	1,174	1,245	1,370	79	94	106
Cucumbers	400	354	295	3,359	3,915	3,370	401	396	349
Daikon	277	338	322	3,806	4,550	4,345	177	181	210
Dasheens	41	29	21	423	335	355	64	64	51
Eggplant	53	48	51	716	685	805	71	70	76
Ginger root	21	12	8	658	365	405	152	164	106
Lettuce	327	314	277	3,071	3,230	2,950	362	352	303

Table 35.—continued

Commodity	Acreage			Production			Value		
	Average 1947-51	1952	1953	Average 1947-51	1952	1953	Average 1947-51	1952	1953
	<u>Acres</u>			<u>1,000 pounds</u>			<u>1,000 dollars</u>		
<u>Vegetables—cont'd</u>									
Lotus root	49	58	59	354	375	485	92	97	119
Onions, dry	73	85	92	565	900	970	37	91	59
Onions, green	49	34	32	648	440	485	87	60	64
Peppers, sweet	77	83	84	512	660	840	121	125	152
Potatoes	98	116	158	518	815	970	31	72	69
Pumpkins	40	36	34	362	355	305	26	28	18
Squash, Italian	26	20	18	288	255	240	39	37	25
Sweetpotatoes	206	128	181	1,391	1,250	1,665	90	99	125
Tomatoes	550	448	406	5,261	5,080	5,745	693	697	766
Watercress	28	27	22	1,447	1,580	2,100	165	157	204
Total vegetables	4,264	4,047	3,779	41,851	43,495	43,175	4,107	4,197	4,247
Total fruits, melons and vegetables	6,879	6,459	6,195	61,983	64,000	65,435	5,633	5,707	5,740
<u>Miscellaneous crops</u>									
Coffee: ^{6/}									
Bearing	3,410	3,500	3,500	6,318	7,700	8,230	2,118	3,900	4,382
Non-bearing			250						
Macadamia nuts:									
Bearing	863	863	953	733	965	970	125	165	164
Non-bearing	826	1,486	1,625						
Rice	190	158	202	725	580	685	139	93	116
Taro (for manufacture)	927	834	745	12,856	11,640	11,120	632	520	419
Total miscellaneous crops	6,216	6,841	7,275	20,632	20,885	21,005	3,014	4,678	5,081
Total diversified crops	13,095	13,300	13,470	82,615	84,885	86,440	8,647	10,385	10,821

1/ ACREAGE OF TREE FRUITS, LOTUS ROOT, TARO, AND WATERCRESS IS AVERAGE ACREAGE FOR YEAR. ACREAGE OF OTHER VEGETABLES AND RICE IS PLANTINGS HARVESTED DURING THE YEAR. ACREAGE OF COFFEE AND MACADAMIA NUTS IS THAT AT END OF YEAR.

2/ PRODUCTION IS CALCULATED FROM RECORDED MARKETINGS, WITH ADJUSTMENTS FOR DIRECT SALES TO RETAILERS OR CONSUMERS BY FARMERS. FIELD LOSSES RESULTING FROM MARKET GLUTS ARE INCLUDED IN THE PRODUCTION ESTIMATES.

3/ VALUE IS CALCULATED AT AVERAGE WHOLESALE PRICES OF MARKETINGS ON THE ISLAND OF ORIGIN. NO VALUE IS INCLUDED FOR QUANTITIES NOT HARVESTED BECAUSE OF MARKET CONDITIONS.

4/ SOME DATA REVISED.

5/ INCLUDING COOKING BANANAS.

6/ CROP YEAR ENDING JUNE 30 OF YEAR GIVEN FOR PRODUCTION AND VALUE.

TABLE 36.--FRUITS, VEGETABLES, AND MISCELLANEOUS CROPS:
ACREAGE, PRODUCTION, AND WHOLESALE VALUE OF MARKETINGS, BY ISLANDS, 1953

COMMODITY	HAWAII			MAUI			MOLOKAI			OAHU			KAUAI		
	ACREAGE1/	PRODUC- TION2/	VALUE3/	ACREAGE1/	PRODUC- TION2/	VALUE3/	ACREAGE1/	PRODUC- TION2/	VALUE3/	ACREAGE1/	PRODUC- TION2/	VALUE3/	ACREAGE1/	PRODUC- TION2/	VALUE3/
		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 AND MELONS															
AVOCADOS	131	710	53	20	160	13	-	-	-	-	-	-	6	40	3
BANANAS: 4/															
BEARING	42	500	30	66	480	21	-	-	-	786	6,640	478	8	90	4
NON-BEARING	13			19			-	-	-	34			-		
ORANGES	24	220	10	-	-	-	-	-	-	-	-	-	-	-	-
PAPAYAS:															
BEARING	62	775	32	15	190	11	-	-	-	325	8,175	451	4	100	5
NON-BEARING	54			5			-	-	-	132			1		
TANGERINES	22	205	26	-	-	-	-	-	-	-	-	-	-	-	-
WATERMELONS	28	260	26	94	365	35	5	25	2	502	3,075	271	18	250	22
TOTAL FRUITS AND MELONS 1953	376	2,670	177	219	1,195	80	5	25	2	1,779	17,890	1,200	37	480	34
1952 5/	334	2,935	220	205	1,270	84	31	240	14	1,801	15,630	1,166	41	430	26
AVERAGE 1947-51	360	2,960	239	217	1,404	105	21	93	6	1,966	15,201	1,139	51	474	36
VEGETABLES															
BEANS, SNAP	27	215	28	42	365	47	-	-	-	157	1,570	226	20	125	18
BROCCOLI	18	75	11	8	55	8	-	-	-	29	200	43	-	-	-
BURDOCK	37	615	105	2	30	7	-	-	-	-	-	-	-	-	-
CABBAGE, HEAD	90	1,580	74	333	4,060	239	-	-	-	57	1,815	54	24	315	22
CABBAGE, ORIENTAL	75	735	68	57	530	56	-	-	-	201	2,335	246	12	100	11
CARROTS	39	410	27	75	795	46	-	-	-	-	-	-	3	25	2
CAULIFLOWER	-	-	-	41	325	49	-	-	-	-	-	-	-	-	-
CELERY	7	215	25	-	-	-	-	-	-	8	280	33	-	-	-
CORN, GREEN	13	50	3	35	70	5	7	25	2	283	1,125	90	19	100	6
CUCUMBERS	60	910	79	53	550	49	4	25	2	141	1,455	170	37	430	49
DAIKON	269	3,385	152	8	130	8	-	-	-	45	830	50	-	-	-
DASHEENS	18	330	48	3	25	3	-	-	-	-	-	-	-	-	-
EGGPLANT	9	120	13	4	65	4	8	90	6	25	470	46	5	60	7
GINGER ROOT	7	335	86	1	70	20	-	-	-	-	-	-	-	-	-
LETTUCE	192	1,810	163	19	215	30	-	-	-	66	925	110	-	-	-
LOTUS ROOT	-	-	-	-	-	-	-	-	-	59	485	119	-	-	-
ONIONS, DRY	-	-	-	92	970	59	-	-	-	-	-	-	-	-	-
ONIONS, GREEN	6	60	7	-	-	-	-	-	-	26	425	57	-	-	-
PEPPERS, SWEET	10	100	20	17	135	22	-	-	-	41	475	86	16	130	24
POTATOES	92	640	38	66	330	31	-	-	-	-	-	-	-	-	-
PUMPKINS	-	-	-	25	200	9	-	-	-	9	105	9	-	-	-
SQUASH, ITALIAN	18	240	25	-	-	-	-	-	-	-	-	-	-	-	-
SWEET POTATOES	42	390	22	13	115	9	8	50	4	97	945	79	21	165	11
TOMATOES	52	815	105	108	1,085	130	6	50	6	182	3,025	417	58	770	108
WATERCRESS	-	-	-	-	-	-	-	-	-	22	2,100	204	-	-	-
TOTAL VEGETABLES 1953	1,081	13,030	1,099	1,002	10,120	831	33	240	20	1,448	17,565	2,039	215	2,220	258
1952 5/	1,176	14,375	1,262	1,291	12,790	984	65	475	42	1,302	13,790	1,650	213	2,145	259
AVERAGE 1947-51	1,322	15,179	1,467	1,304	12,396	941	51	282	28	1,349	11,758	1,424	236	2,236	249

TABLE 36.—CONTINUED

COMMODITY	HAWAII			MAUI			MOLOKAI			OAHU			KAUAI		
	ACREAGE	PRODUCTION		ACREAGE	PRODUCTION		ACREAGE	PRODUCTION		ACREAGE	PRODUCTION		ACREAGE	PRODUCTION	
		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
TOTAL FRUITS AND VEGETABLES 1953	1,457	15,700	1,276	1,221	11,515	911	38	265	22	3,227	35,455	3,239	252	2,700	292
1952 5/	1,510	17,310	1,482	1,496	14,060	1,068	96	715	56	3,103	29,420	2,816	254	2,575	285
AVERAGE 1947-51	1,682	18,140	1,700	1,521	13,800	1,047	72	375	33	3,315	26,959	2,562	289	2,710	285
MISCELLANEOUS CROPS															
COFFEE: 6/															
BEARING	3,500	8,230	4,382	-	-	-	-	-	-	-	-	-	-	-	-
NON-BEARING	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACADAMIA NUTS:															
BEARING	745	650	110	14	25	4	2	-	-	114	145	25	78	150	25
NON-BEARING	1,138	-	-	256	-	-	-	-	-	66	-	-	165	-	-
RICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TARO	137	2,550	133	83	1,250	43	30	350	10	340	3,450	110	202	685	116
TOTAL MISCELLANEOUS CROPS 1953	5,770	11,430	4,625	353	1,285	47	32	350	10	520	3,595	135	600	4,345	264
1952 5/	5,312	11,085	4,157	359	1,345	60	27	250	13	584	4,345	133	559	3,862	256
AVERAGE 1947-51	4,745	9,317	2,365	210	1,401	67	33	321	16	620	5,936	285	609	3,657	282
TOTAL DIVERSIFIED CROPS 1953	7,227	27,130	5,901	1,574	12,600	958	70	615	32	3,747	39,050	3,374	852	7,045	556
1952 5/	6,822	28,395	5,639	1,855	15,405	1,128	123	965	69	3,687	33,765	3,009	813	6,437	543
AVERAGE 1947-51	6,227	27,456	4,071	1,731	15,201	1,114	104	696	48	3,935	32,895	2,847	898	6,367	567

1/ ACREAGE OF TREE FRUITS, LOTUS ROOT, TARO, AND WATERCRESS IS AVERAGE ACREAGE FOR YEAR. ACREAGE OF OTHER VEGETABLES AND RICE IS PLANTINGS HARVESTED DURING THE YEAR. ACREAGE OF COFFEE AND MACADAMIA NUTS IS THAT AT END OF YEAR.

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4/ INCLUDING COOKING BANANAS.

5/ SOME DATA REVISED.

6/ CROP YEAR ENDING JUNE 30 OF YEAR GIVEN FOR PRODUCTION AND VALUE.

TABLE 37.—FRUITS AND VEGETABLES: PRODUCTION, BY MONTHS, 1953

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	TOTAL 1953
	1,000 POUNDS												1,000 POUNDS
FRUITS AND MELONS													
AVOCADOS.....	87	90	103	109	87	72	54	58	48	55	83	64	910
BANANAS 1/.....	628	638	638	623	638	658	670	688	680	660	609	580	7,710
ORANGES.....	20	15	10	-	-	-	-	5	10	35	50	75	220
PAPAYAS.....	670	624	650	710	977	930	920	710	693	820	810	726	9,240
TANGERINES.....	30	20	10	-	-	-	-	-	-	10	70	65	205
WATERMELONS.....	-	2	12	347	839	971	715	544	279	205	55	15	3,975
TOTAL FRUITS AND MELONS	1,435	1,389	1,423	1,789	2,541	2,631	2,359	2,005	1,701	1,785	1,677	1,525	22,260
VEGETABLES													
BEANS, SNAP.....	220	235	165	225	205	185	175	165	175	180	165	180	2,275
BROCCOLI.....	19	22	25	27	31	35	33	25	25	30	29	29	330
BURDOCK.....	37	37	52	42	42	63	53	63	58	48	62	88	645
CABBAGE, HEAD.....	490	525	620	705	720	650	600	505	495	555	440	465	6,770
CABBAGE, ORIENTAL.....	391	331	266	392	295	308	278	270	270	289	323	348	3,700
CARROTS.....	77	82	113	154	117	132	122	117	106	96	72	62	1,230
CAULIFLOWER.....	30	30	25	25	30	30	45	25	15	30	15	25	325
CELERY.....	24	27	23	31	60	38	32	60	60	40	55	45	495
CORN, GREEN.....	99	108	101	116	163	129	152	98	90	122	78	114	1,370
CUCUMBERS.....	282	212	287	362	277	267	301	351	274	255	262	263	3,370
DAIKON.....	330	355	375	360	340	355	340	345	395	410	405	335	4,345
DASHEENS.....	12	32	32	32	17	17	28	32	37	37	37	42	355
EGGPLANT.....	73	71	73	62	64	53	80	67	66	79	60	57	805
GINGER ROOT.....	31	25	31	27	30	25	45	40	25	40	41	45	405
LETTUCE.....	235	250	240	240	320	300	270	220	215	235	230	195	2,950
LOTUS ROOT.....	40	35	25	15	10	5	20	50	65	60	60	100	485
ONIONS, DRY.....	-	-	25	95	200	240	210	115	70	15	-	-	970
ONIONS, GREEN.....	40	40	40	40	35	40	40	40	45	40	45	40	485
PEPPERS, SWEET.....	65	73	63	70	72	72	80	60	65	75	65	80	840
POTATOES.....	25	40	20	100	145	210	180	140	15	10	10	75	970
PUMPKINS.....	14	5	7	19	33	42	23	27	30	53	30	22	305
SQUASH, ITALIAN.....	10	10	15	20	20	30	25	15	15	30	30	20	240
SWEET POTATOES.....	139	121	153	168	149	142	160	142	127	132	107	125	1,665
TOMATOES.....	410	491	523	520	556	494	513	392	462	412	483	489	5,745
WATERCRESS.....	165	170	165	165	180	180	180	180	180	180	180	175	2,100
TOTAL VEGETABLES	3,258	3,327	3,444	3,932	4,111	4,042	3,985	3,544	3,377	3,452	3,284	3,419	43,175
TOTAL FRUITS, MELONS, AND VEGETABLES	4,693	4,716	4,867	5,721	6,652	6,673	6,344	5,549	5,078	5,237	4,961	4,944	65,435
RICE, MILLED.....	-	-	-	-	-	60	50	75	200	300	-	-	685
TARO (FOR MANUFACTURE).....	860	850	965	925	920	965	1,010	1,010	950	955	855	865	11,120

1/ INCLUDING COOKING BANANAS.

TABLE 38.--FRUITS, VEGETABLES, AND MISCELLANEOUS CROPS:
ACRE-YIELDS, AVERAGES 1947-51, ANNUAL 1952 AND 1953

COMMODITY	TERRITORY			HAWAII			MAUI			MOLOKAI			OAHU			KAUAI		
	AVERAGE			AVERAGE			AVERAGE			AVERAGE			AVERAGE			AVERAGE		
	1947-51 ^{1/}	1952 ^{1/}	1953	1947-51	1952	1953	1947-51	1952	1953	1947-51	1952	1953	1947-51	1952	1953	1947-51	1952	1953
	1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS		
FRUITS AND MELONS																		
AVOCADOS	6.1	6.5	5.8	6.2	6.4	5.4	5.0	6.9	8.0	-	-	-	-	-	-	6.2	6.7	6.7
BANANAS ^{2/ 3/}	8.7	7.3	3.5	12.4	11.6	11.9	10.5	7.7	7.3	-	-	-	8.4	7.5	8.4	10.2	10.0	11.2
ORANGES	-	-	-	12.1	8.3	9.2	-	-	-	-	-	-	-	-	-	-	-	-
PAPAYAS ^{3/}	16.8	22.0	22.8	19.4	19.5	12.5	9.0	13.2	12.7	-	-	-	16.9	23.3	25.2	16.9	20.0	25.0
TANGERINES	-	-	-	10.3	10.7	9.3	-	-	-	-	-	-	-	-	-	-	-	-
WATERMELONS	6.0	7.5	6.1	6.8	10.0	9.3	6.5	5.4	3.9	3.4	5.8	5.0	5.7	7.7	6.1	9.8	10.5	13.9
VEGETABLES																		
BEANS, SNAP	7.1	8.1	9.2	8.3	7.7	8.0	6.4	7.3	8.7	-	-	-	6.7	8.6	10.0	8.2	8.1	6.2
BROCCOLI	4.4	5.4	6.0	4.4	5.0	4.2	5.8	5.3	6.9	-	-	-	3.8	5.9	6.9	-	-	-
BURDOCK	-	-	-	-	13.8	16.6	-	7.0	15.0	-	-	-	-	-	-	-	-	-
CABBAGE, HEAD	13.2	14.1	13.4	14.6	16.8	17.6	13.0	13.1	12.2	-	-	-	12.8	17.5	14.3	10.3	10.9	13.1
CABBAGE, ORIENTAL	9.0	9.1	10.7	10.0	11.2	9.8	9.4	6.7	9.3	-	-	-	8.6	9.7	11.6	8.6	9.5	8.3
CARROTS	9.6	9.6	10.5	8.7	9.3	10.5	10.1	9.9	10.6	-	-	-	10.9	10.0	-	8.5	8.3	8.3
CAULIFLOWER	-	-	-	-	-	-	7.1	7.9	7.9	-	-	-	-	-	-	-	-	-
CELERY	32.6	30.0	33.0	36.4	31.2	30.7	22.8	-	-	-	-	-	25.0	25.0	35.0	-	-	-
CORN, GREEN	4.3	4.2	3.8	4.3	3.9	3.8	4.0	3.6	2.0	-	4.6	3.6	4.1	4.2	4.0	5.6	5.3	5.3
CUCUMBERS	8.5	11.0	11.4	11.4	15.7	15.2	6.9	9.5	10.4	-	7.0	6.2	6.3	9.8	10.3	9.3	12.0	11.6
DAIKON	13.8	13.5	13.5	13.2	13.0	12.6	15.6	13.8	16.2	-	-	-	15.4	16.0	18.4	11.2	-	-
DASHEENS	10.5	11.6	16.9	12.0	13.7	13.3	10.7	9.0	8.3	-	-	-	7.3	7.5	-	11.8	10.0	-
EGGPLANT	13.5	14.3	15.8	11.7	13.3	13.3	12.3	11.7	16.2	11.8	12.1	11.2	15.0	16.3	18.8	11.7	11.0	12.0
GINGER ROOT	-	-	-	-	39.1	47.9	-	-	70.0	-	-	-	-	-	-	-	-	-
LETTUCE	9.4	10.3	10.6	9.3	9.9	9.4	7.0	8.5	11.3	-	-	-	11.8	13.8	14.0	6.2	6.7	-
LOTUS ROOT	-	-	-	-	-	-	-	-	-	-	-	-	7.2	6.4	8.2	-	-	-
ONIONS, DRY	-	-	-	-	-	-	8.1	10.6	10.5	-	-	-	-	-	-	-	-	-
ONIONS, GREEN	12.0	11.9	15.2	10.8	11.7	10.0	12.3	12.5	-	-	-	-	13.4	13.3	16.3	-	-	-
PEPPERS, SWEET	6.6	7.5	10.0	7.3	6.8	10.0	6.4	8.6	7.9	-	-	-	5.9	7.4	11.6	7.2	7.1	8.1
POTATOES	-	-	-	5.4	8.2	7.0	5.3	5.5	5.0	-	-	-	-	-	-	-	-	-
PUMPKINS	9.1	9.9	9.0	9.4	10.0	-	9.3	9.7	8.0	-	-	-	8.5	10.0	11.7	-	-	-
SQUASH, ITALIAN	-	-	-	11.1	12.7	13.3	-	-	-	-	-	-	-	-	-	-	-	-
SWEETPOTATOES	6.9	9.8	9.2	10.7	9.6	9.3	7.6	7.3	8.8	6.1	6.5	6.2	5.8	11.8	9.7	9.2	7.9	7.9
TOMATOES	9.6	11.3	14.2	12.5	13.5	15.7	8.7	9.6	10.0	8.4	8.5	8.3	9.0	12.1	16.6	11.1	11.7	13.3
WATERCRESS	-	-	-	-	-	-	-	-	-	-	-	-	56.8	66.6	95.5	-	-	-
MISCELLANEOUS CROPS																		
COFFEE, GREEN	-	-	-	1.7	2.2	2.4	-	-	-	-	-	-	-	-	-	-	-	-
MACADAMIA NUTS ^{4/}	0.9	1.1	1.0	0.9	1.0	0.9	1.4	1.3	1.8	-	-	-	0.5	1.3	1.3	1.4	2.1	1.9
RICE ^{5/}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	3.7	3.4
TARO (FOR MFR.)	13.8	14.0	14.9	13.1	17.2	18.6	16.9	15.0	15.2	10.8	10.0	11.7	13.5	10.4	10.1	15.9	19.7	22.6

1/ INCLUDES MOLOKAI YIELDS ON CROPS NOT SHOWN FOR THE ISLAND.

2/ COOKING BANANAS INCLUDED.

3/ BEARING ACRE-YIELD.

4/ IN SHELL; BASED ON BEARING ACREAGE.

5/ MILLED BASIS.

TABLE 39.--HONEY AND BEESWAX: APIARIES, NUMBER OF COLONIES, PRODUCTION AND VALUE OF PRODUCTS, 1946-53

YEAR	PRODUCERS	APIARIES	COLONIES	H O N E Y			B E E S W A X		TOTAL VALUE
				YIELD PER COLONY	TOTAL YIELD ^{1/}	VALUE	YIELD	VALUE	
	NUMBER	NUMBER	NUMBER	POUNDS	1,000 POUNDS	1,000 DOLLARS	1,000 POUNDS	1,000 DOLLARS	
1946	30	53	7,200	106	761	152.2	15.0	7.0	159.2
1947	30	54	8,700	87	758	113.7	15.0	6.6	120.3
1948	29	50	9,000	72	652	52.1	11.9	5.1	57.2
1949	23	30	8,500	87	738	55.4	11.7	4.4	59.8
1950	22	35	8,900	89	795	59.7	17.1	7.0	66.7
1951	27	38	10,053	88	888	75.6	12.7	6.6	82.2
1952	27	39	11,911	49	584	55.5	7.3	3.3	58.8
1953	27	30	9,270	7	68	7.1	6.0	2.4	9.5

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

TABLE 40.--HONEY AND BEESWAX: APIARIES, NUMBER OF COLONIES, PRODUCTION AND VALUE OF PRODUCTS, BY ISLANDS, 1953

ISLAND	PRODUCERS	APIARIES	COLONIES	H O N E Y			B E E S W A X		TOTAL VALUE
				YIELD PER COLONY	TOTAL YIELD ^{1/}	VALUE	YIELD	VALUE	
	NUMBER	NUMBER	NUMBER	POUNDS	1,000 POUNDS	1,000 DOLLARS	1,000 POUNDS	1,000 DOLLARS	
HAWAII	6	6	710	32	23	2.4	1.2	0.5	2.9
KAUAI	12	12	1,525	13	20	2.1	0.3	0.1	2.2
MOLOKAI/LANAI	2	2	475	2	1	0.1	0.1	-	0.1
MAUI	5	7	1,560	12	19	2.0	4.0	1.6	3.6
KAUAI/NIHAU	2	3	5,000	1	5	0.5	0.4	0.2	0.7
TERRITORY 1953	27	30	9,270	7	68	7.1	6.0	2.4	9.5

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

STATISTICS OF LIVESTOCK

TABLE 41.—BEEF CATTLE: ACREAGE GRAZED, SLAUGHTER, AND CARCASS VALUE, 1946-53

YEAR	ACREAGE USED FOR PASTURE ^{1/}	CATTLE ON RANCHES ^{1/}	ANNUAL SLAUGHTER			RATIO OF SLAUGHTER TO NUMBER ON RANCHES
			NUMBER	DRESSED WEIGHT	VALUE ^{2/}	
	1,000 ACRES	HEAD	HEAD	1,000 POUNDS	1,000 DOLLARS	PERCENT
1946	1,550	130,300	38,840	19,258	4,931	30
1947	1,619	132,800	33,800	16,489	6,049	25
1948	1,693	141,500	34,140	16,941	7,509	24
1949	1,440	141,200	33,640	16,171	7,068	24
1950	1,400	142,200	29,470	14,682	7,221	21
1951 ^{3/}	1,450	146,900	33,400	16,801	8,450	23
1952 ^{3/}	1,455	147,300	33,650	16,915	8,067	23
1953	1,478	155,310	30,030	13,983	6,121	19

^{1/} DECEMBER 31.

^{2/} SALES BY SLAUGHTERHOUSE. INCLUDES OFFAL, HIDE, AND TALLOW.

^{3/} SOME ESTIMATES REVISED.

TABLE 42.—BEEF CATTLE: RANCHES, NUMBERS, SLAUGHTER, AND CARCASS VALUE, BY ISLANDS, 1953

ISLAND	RANCHES ^{1/}	ACREAGE USED ^{1/}	CATTLE ON RANCHES ^{1/}	ANNUAL SLAUGHTER			RATIO OF SLAUGHTER TO NUMBER ON RANCHES
				NUMBER	DRESSED WEIGHT	VALUE ^{2/}	
	NUMBER	1,000 ACRES	NUMBER	HEAD	1,000 POUNDS	1,000 DOLLARS	PERCENT
HAWAII	284	1,040	100,370	18,125	8,918	3,816	18
MAUI	89	168	28,295	6,300	2,583	1,183	22
MOLOKAI/LAHAI	19	100	5,740	1,365	546	251	24
KAHU	28	37	6,845	2,050	1,005	448	30
KAUAI/NIIHAU	48	133	14,060	2,190	991	423	16
TERRITORY 1953	468	1,478	155,310	30,030	13,983	6,121	19

^{1/} DECEMBER 31.

^{2/} SALES BY SLAUGHTERHOUSE. INCLUDES OFFAL, HIDE, AND TALLOW.

TABLE 43.--SHEEP: RANCHES, NUMBERS, SLAUGHTER, AND VALUE, 1946-53

YEAR	RANCHES ^{1/}	ACREAGE USED FOR PASTURE ^{2/}	NUMBER OF HEAD ON RANCHES ^{1/}	ANNUAL SLAUGHTER			W O O L		TOTAL VALUE OF SHEEP PRODUCTS
				NUMBER	DRESSED WEIGHT	VALUE ^{3/}	PRODUCTION	VALUE ^{4/}	
	NUMBER	1,000 ACRES			1,000 POUNDS	1,000 DOLLARS	1,000 POUNDS	1,000 DOLLARS	1,000 DOLLARS
1946	3	76	13,000	2,000	100	17	105	42	59
1947	3	76	14,500	4,050	52	11	66	26	37
1948	3	76	13,100	2,750	135	34	75	32	66
1949	3	76	13,500	2,980	149	48	72	36	84
1950	3	76	13,000	1,950	98	32	65	42	74
1951	3	76	13,500	1,200	55	19	65	52	71
1952	3	74	13,900	2,460	120	40	65 ^{5/}	32 ^{5/}	72 ^{5/}
1953	3	78	10,800	1,670	75	25	40	20	45

^{1/} DECEMBER 31.^{2/} APPROXIMATELY 46,000 ACRES OF PASTURE LAND, USED FOR BOTH SHEEP AND BEEF CATTLE, INCLUDED.^{3/} SALES BY SLAUGHTERHOUSE. INCLUDES OFFAL, HIDE, AND TALLOW.^{4/} F.A.S. ISLAND PORT.^{5/} REVISED DATA.

TABLE 44.--SWINE: NUMBERS, SLAUGHTER, AND LIVEWEIGHT VALUE, 1946-53

YEAR	NUMBER OF FARMS	SWINE ABOVE WEANING AGE ^{1/}				SUCKLING PIGS ^{1/}	ANNUAL SLAUGHTER ^{2/}			
		TOTAL	BOARS	SOYS & GILTS	MARKET HOGS		NUMBER	AVERAGE LIVE WEIGHT	LIVE WEIGHT	VALUE
				NUMBER		NUMBER		POUNDS	1,000 POUNDS	1,000 DOLLARS
1946	525	44,760	940	7,650	36,170	16,200	66,100	187	12,382	3,319
1947	487	38,370	890	6,850	30,630	15,600	43,100	176	7,605	3,194
1948	490	40,150	920	7,790	31,500	14,100	43,100	187	8,041	3,376
1949	481	38,450	890	7,530	30,030	14,730	44,300	167	7,413	3,113
1950	518	46,580	940	8,370	37,270	16,820	53,400	163	8,829	3,003
1951	560	52,370	1,090	9,740	41,540	15,840	60,200	154	9,577	3,470
1952	588	61,230	1,190	10,310	49,730	18,620	66,900	164	10,975	3,951
1953	516	59,548	1,052	9,140	49,356	18,004	78,700	165	12,982	3,853

^{1/} AUGUST 31.^{2/} FEEDER PIGS IMPORTED FROM THE MAINLAND ARE NOT INCLUDED.

TABLE 45.—SWINE: NUMBERS, SLAUGHTER, AND LIVE WEIGHT VALUE, BY ISLANDS, 1953

ISLAND	SWINE ABOVE WEANING AGE ^{1/}				SUCKLING PIGS ^{1/}	ANNUAL SLAUGHTER ^{2/}			
	TOTAL	BOARS	SOWS & GILTS	MARKET HOGS		NUMBER	AVERAGE LIVE WEIGHT	LIVE WEIGHT	VALUE
			NUMBER		NUMBER		POUNDS	1,000 POUNDS	1,000 DOLLARS
HAWAII	4,101	113	814	3,174	1,156	8,200	150	1,230	381
MAUI	4,175	69	530	2,621	955	4,900	145	710	220
MOLOKAI/LANAI	651	23	137	491	254	1,000	150	150	46
OAHU	48,690	779	7,258	40,653	14,810	61,000	170	10,370	3,044
KAUAI/NIIHAU	2,886	68	401	2,417	829	3,600	145	522	162
TERRITORY 1953	59,548	1,052	9,140	49,356	18,004	78,700	165	12,982	3,853

^{1/} AUGUST 31.^{2/} THERE WERE NO IMPORTS OF FEEDER PIGS FROM THE MAINLAND BECAUSE OF QUARANTINE RESTRICTIONS.

TABLE 46.—SWINE: FARMS, HERDS BY SIZE, AND FARROWINGS, BY ISLANDS, AUGUST, 1953

ISLAND	NUMBER OF FARMS	SIZE OF HERD ^{1/}				NUMBER OF SOWS FARROWED	AVERAGE LIVE PIGS PER LITTER
		500 AND OVER	300 TO 499	100 TO 299	10 TO 99		
HAWAII	87	-	2	13	72	103	8.4
MAUI	63	-	1	8	54	104	8.0
MOLOKAI/LANAI	30	-	-	1	29	33	6.9
OAHU	297	22	38	134	103	1,077	7.4
KAUAI/NIIHAU	39	-	2	10	27	82	8.4
TERRITORY 1953	516	22	43	166	285	1,399	7.6

^{1/} AUGUST 31.

TABLE 47.--DAIRIES: NUMBER OF COWS, MILK MARKETING, SLAUGHTER, AND VALUE OF PRODUCTS, 1946-53

YEAR	DAIRIES ^{1/} NUMBER	MATURE DAIRY COWS ^{1/} NUMBER	MILK MARKETING DAILY, PER COW QUARTS	VOLUME OF MARKETINGS			VALUE OF MARKETINGS		
				TOTAL MILK	CATTLE ^{2/}	DRESSED WEIGHT	MILK ^{3/}	MEAT ^{4/}	TOTAL
				1,000 QUARTS	NUMBER	1,000 POUNDS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS
1946	83	9,700	8.4	30,317	5,000	1,245	4,415	289	4,704
1947	78	10,700	8.9	32,245	4,980	1,239	5,345	433	5,778
1948	75	9,520	9.2	31,326	6,010	1,567	5,780	661	6,441
1949	74	8,730	9.6	31,735	4,430	1,365	5,781	627	6,408
1950	75	9,900	10.1	35,624	3,390	876	6,449	383	6,832
1951	74	11,090	9.7	38,436	3,070	1,130	7,368	529	7,897
1952	76	10,820	9.5	37,442	2,620	1,384	7,301	655	7,956
1953	80	11,430	9.9	40,442	1,770	902	7,515	343	7,858

^{1/} AUGUST 31.^{2/} INCLUDES CALVES.^{3/} DELIVERED TO BOTTLING PLANT.^{4/} SALES BY SLAUGHTERHOUSES. INCLUDES OFFAL, HIDE, AND TALLOW.

TABLE 48.--DAIRIES: MILK MARKETING, SLAUGHTER, AND VALUE OF PRODUCTS, BY ISLANDS, 1953

ISLAND	VOLUME OF MARKETINGS			VALUE OF MARKETINGS		
	MILK	CATTLE ^{1/}	DRESSED WEIGHT	MILK ^{2/}	MEAT ^{3/}	TOTAL
	1,000 QUARTS	NUMBER	1,000 POUNDS		1,000 DOLLARS	
HAWAII	2,774	90	48	527	20	547
MAUI	2,336	175	105	444	40	484
MOLOKAI	73	15	8	14	3	17
KAUAI	33,872	1,455	728	6,266	275	6,541
KAUAI	1,387	35	13	264	5	269
TERRITORY 1953	40,442	1,770	902	7,515	343	7,858

^{1/} INCLUDES CALVES.^{2/} DELIVERED BOTTLING PLANT.^{3/} SALES BY SLAUGHTERHOUSES; INCLUDES OFFAL, HIDE, AND TALLOW.

TABLE 49.--DAIRIES: BY SIZE, AVERAGE NUMBER OF COWS, AND MILK MARKETED DAILY PER COW, BY ISLANDS, 1953

ISLAND	DAIRIES ^{1/} NUMBER	SIZE OF HERD ^{1/}				AVERAGE NUMBER OF MATURE DAIRY COWS ^{2/}	MILK MARKETED DAILY, PER COW ^{2/} QUARTS
		300 OR MORE	150 TO 299	50 TO 149	10 TO 49		
HAWAII	20	-	2	6	12	970	7.8
MAUI	5	1	1	2	1	771	8.1
MOLOKAI	2	-	-	-	2	38	6.7
KAUAI	49	6	11	24	8	9,154	10.5
KAUAI	4	-	1	2	1	493	7.8
TERRITORY 1953	80	7	15	34	24	11,426	9.9

^{1/} AUGUST 31.^{2/} ANNUAL AVERAGE.

TABLE 50.--POULTRY: PRODUCTION, MARKETINGS, AND VALUE OF EGGS AND MEAT BIRDS MARKETED, 1946-53

YEAR	E G G S			M E A T B I R D S			
	PRODUCED	SOLD	VALUE OF SALES ^{1/}	PRODUCED	SOLD	DRESSED WEIGHT SOLD	VALUE OF SALES ^{2/}
	1,000 DOZENS	1,000 DOZENS	1,000 DOLLARS	1,000 BIRDS	1,000 BIRDS	1,000 POUNDS	1,000 DOLLARS
1946	2,458	2,395	1,975	310	290	1,064	690
1947	2,703	2,633	2,559	345	323	1,172	758
1948 ^{3/}	3,290	3,205	3,220	359	336	1,208	827
1949	3,173	3,091	2,910	472	441	1,469	1,026
1950	3,707	3,611	2,379	583	545	1,775	949
1951	4,042	3,935	3,224	791	740	2,377	1,437
1952	4,882	4,753	3,722	848	793	2,523	1,345
1953	5,360	5,244	4,036	856	807	3,010	1,733

^{1/} WHOLESALE.^{2/} DRESSED WEIGHT.^{3/} SOME ESTIMATES REVISED.

TABLE 51.--POULTRY: NUMBER OF CHICKENS, BY CLASSES, AND ANNUAL RATE OF LAY, 1946-53

YEAR	CHICKENS BY CLASS ^{1/}					ANNUAL RATE OF LAY ^{2/}
	CHICKENS ALL AGES	LAYERS	PULLETS 6 WEEKS TO LAYING	OTHER CHICKENS OVER 6 WEEKS	CHICKS UNDER 6 WEEKS	
			1,000 BIRDS			EGGS
1946	-	238	-	-	-	120.0
1947	580	286	142	83	69	125.3
1948	462	244	104	45	69	146.3
1949	580	253	134	63	130	154.2
1950	611	298	118	65	130	159.6
1951	680	312	123	109	136	159.6
1952	739	378	118	106	137	155.9
1953	752	398	149	95	110	168.6

^{1/} AUGUST 31.^{2/} BASED ON AVERAGE NUMBER OF LAYERS.

TABLE 52.--POULTRY: FARMS BY SIZE OF FLOCK, AUGUST 31, 1946-53

YEAR	TOTAL FARMS	PRINCIPALLY FOR EGG PRODUCTION				BROILER FLOCKS OVER 100
		3,000 AND OVER	1,500 TO 2,999	500 TO 1,499	100 TO 499	
	NUMBER		NUMBER OF FARMS			NUMBER OF FARMS
1946	748	20	38	125	565	2
1947	677	15	34	134	492	2
1948	481	11	22	101	347	5
1949	442	12	21	107	277	25
1950	429	13	35	108	257	16
1951	400	17	36	118	207	22
1952	378	22	49	117	167	23
1953	341	26	37	123	131	24

TABLE 53.--POULTRY: PRODUCTION, MARKETINGS, AND VALUE OF EGGS AND MEAT BIRDS MARKETED, BY ISLANDS, 1953

ISLAND	E G G S			M E A T B I R D S			
	PRODUCED	SOLD	VALUE OF SALES ^{1/}	PRODUCED	SOLD	DRESSED WEIGHT SOLD	VALUE OF SALES ^{2/}
	1,000 DOZENS	1,000 DOZENS	1,000 DOLLARS	1,000 BIRDS	1,000 BIRDS	1,000 POUNDS	1,000 DOLLARS
HAWAII	1,057	1,023	767	125	110	408	244
MAUI	482	472	354	49	46	194	108
MOLOKAI	21	20	15	5	4	17	9
OAHU	3,484	3,420	2,668	637	609	2,253	1,288
KAUAI	316	309	292	40	38	138	84
TERRITORY 1953	5,360	5,244	4,096	856	807	3,010	1,793

^{1/} WHOLESALE.^{2/} DRESSED WEIGHT.

TABLE 54.--POULTRY: FARMS, BY SIZE OF FLOCK, BY ISLANDS, AUGUST 31, 1953

ISLAND	TOTAL FLOCKS OVER 100	PRINCIPALLY FOR EGG PRODUCTION				BROILER FLOCKS OVER 100
		3,000 OR MORE	1,500 TO 2,999	500 TO 1,499	100 TO 499	
	NUMBER	NUMBER				NUMBER
HAWAII	122	1	8	39	71	3
MAUI	33	2	-	14	17	-
MOLOKAI/LANAI	6	-	-	1	5	-
OAHU	160	21	26	60	33	20
KAUAI	20	2	3	9	5	1
TERRITORY 1953	341	26	37	123	131	24

TABLE 55.--POULTRY: NUMBER OF CHICKENS, CONSUMPTION OF EGGS AND MEAT BIRDS ON FARMS,
AND ANNUAL RATE OF LAY, BY ISLANDS, 1953

ISLAND	CHICKENS OF ALL AGES ^{1/}	CHICKENS BY CLASS ^{1/}				ANNUAL RATE OF LAY ^{2/}	EGGS EATEN ON FARMS OR GIVEN AWAY	MEAT BIRDS EAT- EN ON FARMS OR GIVEN AWAY
		LAYERS	PULLETS 6 WEEKS TO LAYING	OTHER CHICKENS OVER 6 WEEKS	CHICKS UNDER 6 WEEKS			
	NUMBER	NUMBER				EGGS	1,000 DOZENS	1,000 BIRDS
HAWAII	128,100	73,100	24,500	12,400	18,100	176.7	34	15
MAUI	51,400	28,900	14,800	3,100	4,600	182.3	10	3
MOLOKAI/LANAI	2,100	1,500	400	100	100	138.7	1	1
OAHU	526,100	270,300	100,200	75,400	80,200	164.5	64	28
KAUAI	44,700	24,100	3,300	4,200	7,100	169.4	7	2
TERRITORY 1953	752,400	397,900	149,200	95,200	110,100	168.6	116	49

^{1/} AUGUST 31.^{2/} BASED ON AVERAGE NUMBER OF LAYERS.