

December 1953

Agricultural Economics Report No. 20

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS - TERRITORY OF HAWAII
UNIVERSITY OF HAWAII AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FRUITS AND VEGETABLES

PRICES AND SUPPLIES IN HAWAII

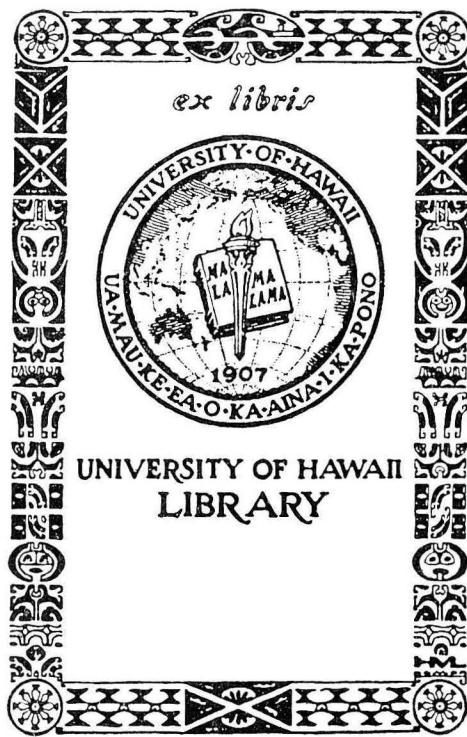
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INTRODUCTION

The data within these pages are designed to give those interested in the production and marketing of fruits and vegetables in Hawaii a handy reference on historical and seasonal trends of prices and supplies. These trends along with the current information should help the reader develop his own outlook and, therefore, make more logical plans for the production and marketing of these products. Prices are for island-grown produce.

Each chart and its companion table are given a code number which corresponds to a slide on the subject. The slides are available for pictorial presentations.

N. Keith Roberts

(Signed) N. Keith Roberts
Assistant Extension Economist

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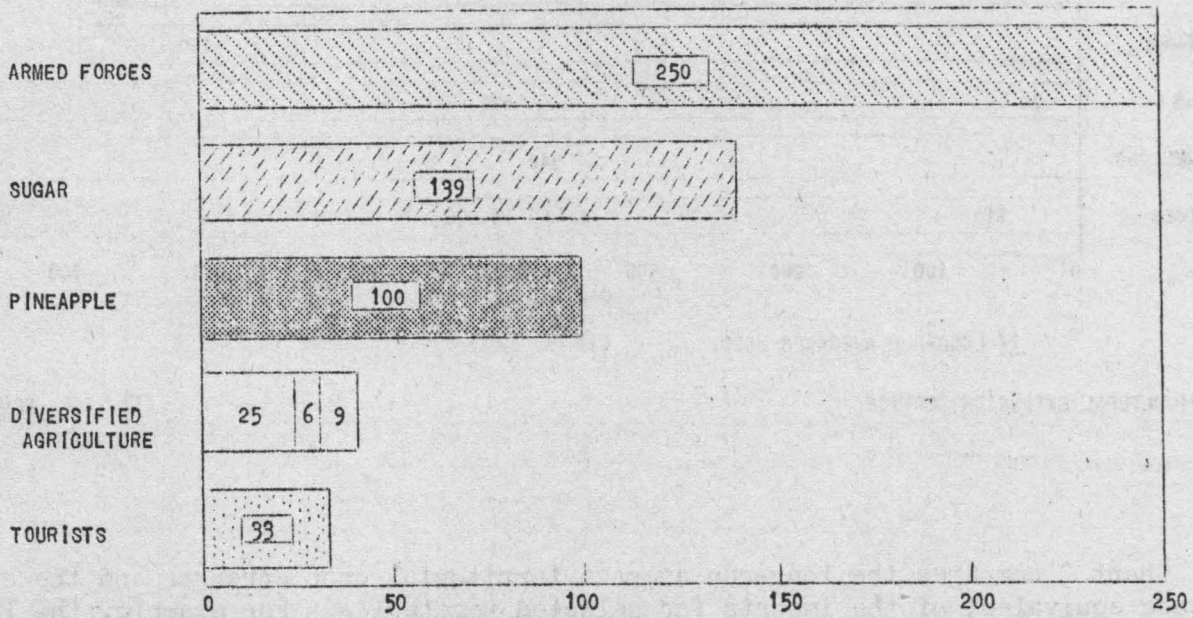
FRUITS AND VEGETABLES: PRICES AND SUPPLIES IN HAWAII

N. Keith Roberts

Shiro Takei

AN ECONOMIC PERSPECTIVE

GROSS RETURNS FROM HAWAII'S FIVE LARGEST BASIC INDUSTRIES IN 1952



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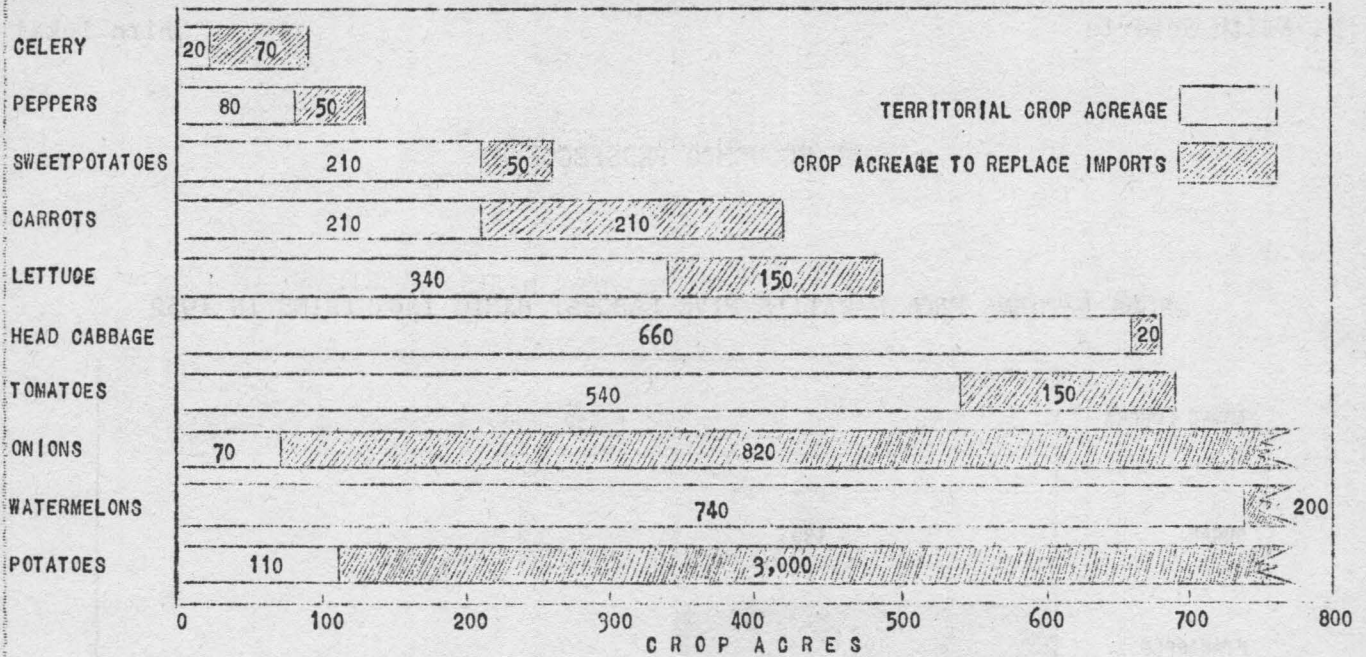
I AGR. ECON. DEPT.

In 1952, marketings of diversified agricultural products raised in Hawaii were valued at approximately \$40 million.^{1/} The chart above compares this segment with four other major segments in Hawaii's economy.

Island fruit and vegetable production contributed about \$6 million to the total wholesale value of diversified agricultural marketings in 1952. In terms of value this industry is relatively small. However, it is one which affects everyone in the Territory. This is the sector of the island economy with which the balance of the report is concerned.

^{1/} DIVERSIFIED AGRICULTURE EXCLUDES SUGAR CANE AND PINEAPPLE PRODUCTION.

CROP ACREAGE TO PRODUCE TERRITORIAL SUPPLIES ^{1/}



^{1/} LONG-RUN AVERAGES USED.

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II AGR. ECON. DEPT.

Chart 2 compares the long-run average territorial crop acreages and the crop acreage equivalent of the imports for selected vegetables. For example, the long-run average annual imports of tomatoes represent the equivalent of about 150 territorial crop-acres a year, or 50 acres of land producing 3 crops a year. This compares with an average of 660 crop-acres of tomatoes harvested in the Territory each year, or 220 acres of land producing 3 crops a year.

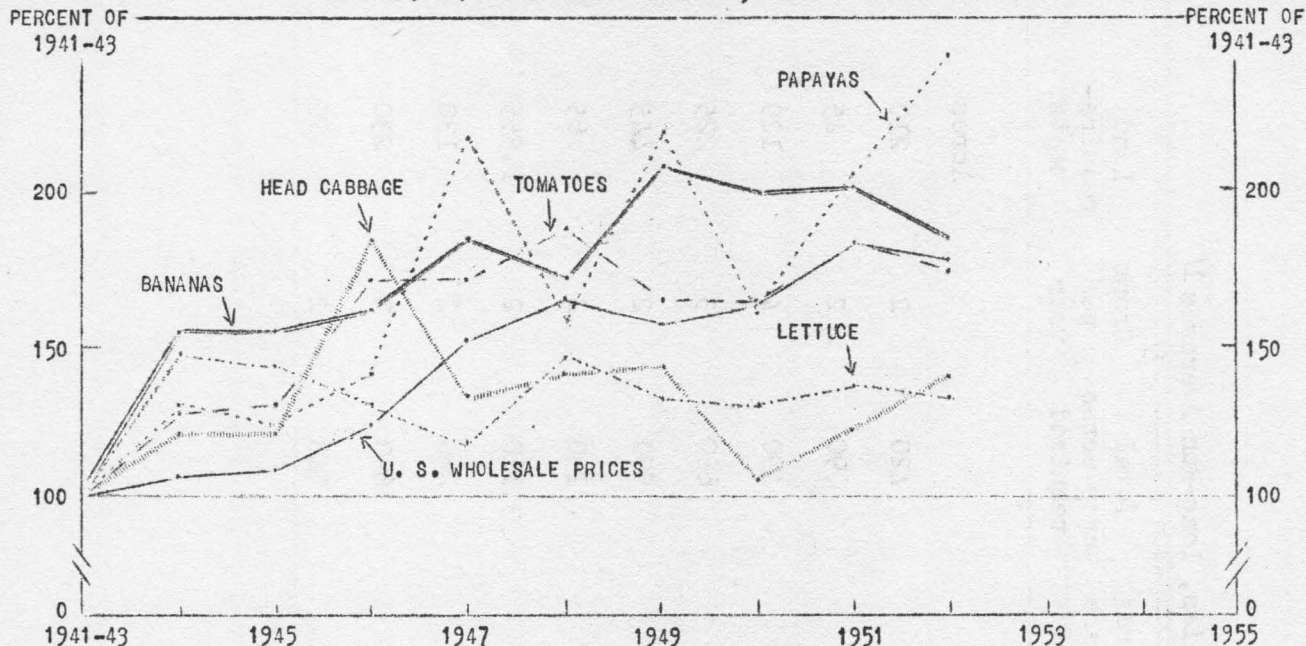
The largest acreage deficiencies are in the low-return-per-acre crops such as potatoes and onions. Relatively small increases in acreage of most other vegetables would have produced the volume necessary to wipe out imports. However, obtaining the land is the least important of the problems connected with erasing imports. These problems need serious study but it is not the purpose of this report to carry on a discussion in that area.

Table 2: Crop Acreage to Produce Territorial Supplies, Long-Run Averages ^{1/}

Crop	Production 1946-52	Imports 1948-52	Crop acres 1946-52	Yield per acre	Crop acres to replace imports	Total crop acres required	Crops per year	Land require- ments
	1,000 pounds	1,000 pounds		1,000 pounds				Acres
Carrots.....	2,080	2,080	210	9.9	210	420	2	210
Celery.....	650	2,410	20	33.7	70	90	2	45
Lettuce.....	3,210	1,450	340	9.4	150	490	4	120
Head cabbage.....	8,580	330	660	13.5	20	680	3	225
Onions.....	600	6,770	70	8.3	820	890	2	445
Peppers.....	540	340	80	6.9	50	130	2	65
Potatoes.....	630	17,270	110	5.7	3,000	3,110	2	1,555
Sweetpotatoes.....	1,520	380	210	7.4	50	260	2	130
Tomatoes.....	5,420	1,480	540	10.2	150	690	3	230
Watermelons.....	4,550	1,280	740	6.3	200	940	2	470

^{1/} ALL FIGURES EXCEPT YIELD PER ACRE AND CROPS PER YEAR ARE ROUNDED.

HONOLULU WHOLESALE PRICES FOR SELECTED FRUITS AND VEGETABLES AND U. S. WHOLESALE PRICES, ALL COMMODITIES



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I-B AGR. ECON. DEPT.

The average annual U. S. wholesale prices of all commodities increased each year between the 1941-43 average and 1952 with the exception of slight dips occurring in 1949 and 1952.

The average annual Honolulu wholesale prices for the 5 fruits and vegetables in the chart continued well above the 1941-43 average prices during the last 12 years. Papaya prices fluctuated most, responding to changes in island production. Head cabbage prices reached a post-World-War-II peak in 1946 and then tended downward to a low in 1950. Lettuce prices have been relatively steady since 1944, ranging from 48 to 19 percent above the base period. Tomato and banana prices have shown the most consistent gains over the past 12 years with tomato prices weakening in 1949, 1950, and 1952, and bananas moving downward slightly since 1949.

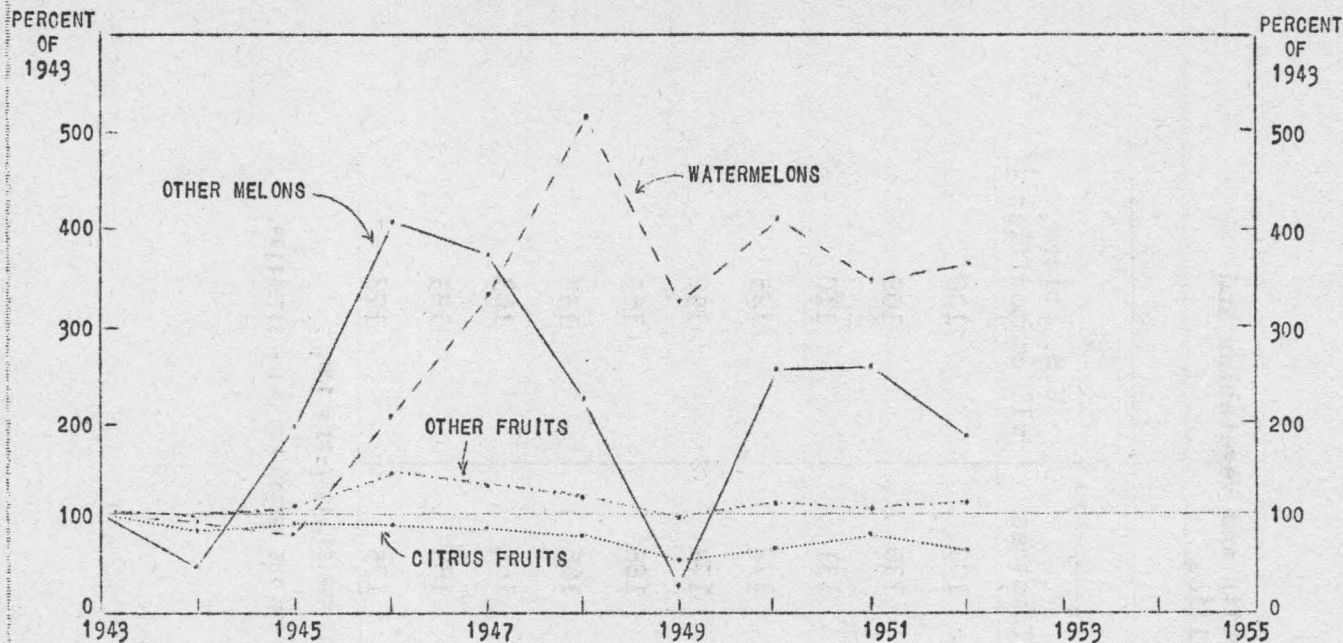
Table I-B: Honolulu Wholesale Prices for Selected Fruits and Vegetables and
 U. S. Wholesale Prices, All Commodities
 (Index 1941-43 = 100)

Year	Honolulu Prices					U.S. Prices, all commodities ^{1/}
	Bananas	Papayas	Cabbage, head	Lettuce	Tomatoes	
1941-43	100	100	100	100	100	100
1944	155	131	122	148	130	108
1945	155	125	122	144	131	110
1946	162	141	184	131	172	125
1947	185	212	133	119	172	152
1948	172	159	142	146	188	165
1949	208	219	144	133	166	157
1950	200	162	107	132	164	163
1951	202	206	124	138	183	183
1952	185	244	140	133	175	178

^{1/} COMPUTED BY REDUCING TO A 1941-43 BASE, THE BUREAU OF LABOR STATISTICS SERIES, 1947-49 = 100.

SOURCES: HONOLULU PRICES FROM MARKET STATISTICS (ANNUAL); U. S. PRICES FROM THE DEMAND AND PRICE SITUATION, APRIL 1953, P. 26. HAWAII AGRICULTURAL EXTENSION SERVICE.

HONOLULU SUPPLIES OF FRUITS AND MELONS



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I-D AGR. ECON. DEPT.

The Honolulu supplies of citrus fruits were below the 1943 base year in each of the past 9 years, 1944-52. In the shipping strike year of 1949, supplies were 42 percent below the base period. All of the citrus fruits are imported except relatively small quantities of oranges and tangerines from Hawaii.

Annual supplies of fruits other than citrus increased 47 percent above the base in 1946 and afterwards dropped to 10 to 15 percent above 1943. With the exception of avocados, bananas, and papayas, most non-citrus fruits are imported.

Watermelon supplies in Honolulu fluctuated with island production since most of the supplies were grown locally. In 1948, supplies were 419 percent above the base period and in 1952, 261 percent.

Melons other than watermelons were mostly imported. Honolulu supplies reached a peak in the abnormal year of 1946 and a low in 1949.

Table I-D: Honolulu Supplies of Fruits and Melons ^{1/}
 (Index 1943 = 100)

Year	Fruits			Melons		
	Citrus ^{2/}	Other ^{3/}	Total	Watermelons	Other	Total
1943	100	100	100	100	100	100
1944	89	92	90	97	48	83
1945	94	111	103	84	194	116
1946	93	147	121	206	408	265
1947	89	137	114	332	359	340
1948	80	120	100	519	224	432
1949	58	99	79	326	28	238
1950	64	115	91	411	258	366
1951	80	109	95	348	259	322
1952	62	114	89	361	183	308

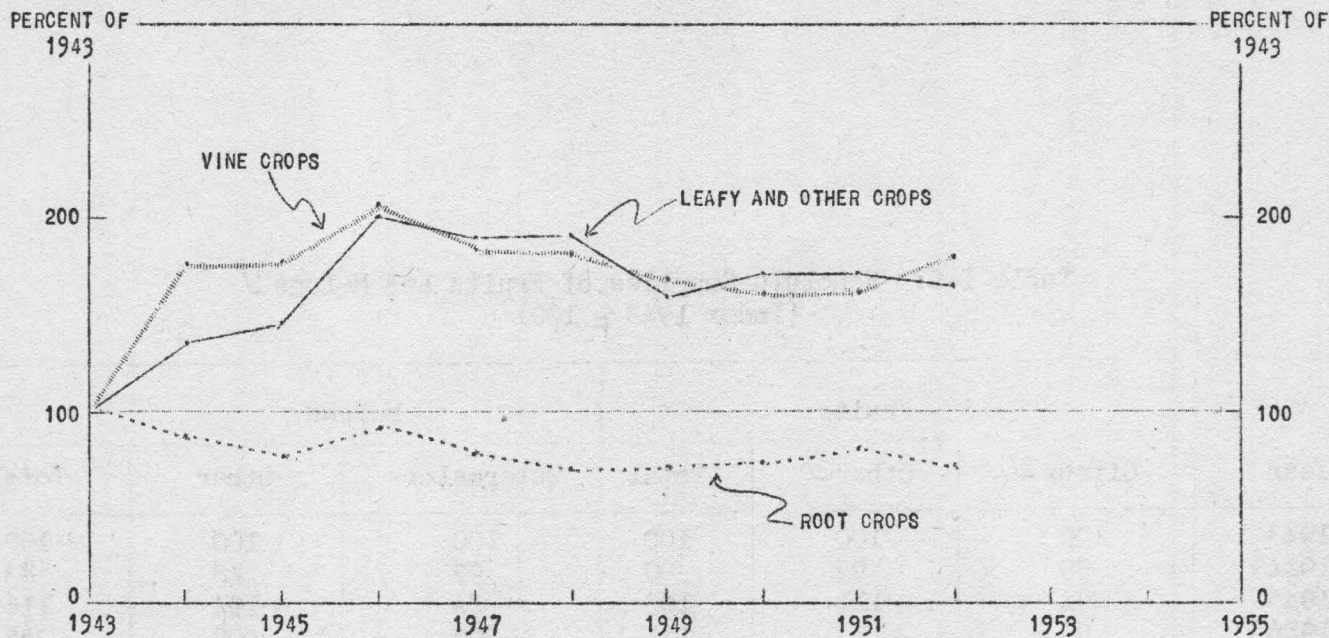
^{1/} UNLOADS FROM ALL SOURCES PLUS OAHU ESTIMATED PRODUCTION.

^{2/} INCLUDES GRAPEFRUIT, LEMONS, LIMES, ORANGES, AND TANGERINES.

^{3/} INCLUDES APPLES, CRAB APPLES, APRICOTS, CHERRIES, GRAPES, NECTARINES, PEACHES, PEARS, PERSIMMONS, PLUMS, AVOCADOS, BANANAS, AND PAPAYAS.

SOURCE: BASED ON UNLOAD DATA FROM MARKET STATISTICS (ANNUAL) AND OAHU PRODUCTION DATA FROM STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII (ANNUAL). HAWAII AGRICULTURAL EXTENSION SERVICE.

HONOLULU SUPPLIES OF VEGETABLES



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I-E- AGR. ECON. DEPT.

From 1944 to 1952 Honolulu supplies of root vegetables continued 20 to 30 percent below 1943. Supplies of green onions, potatoes, turnips, and rutabagas declined the most throughout the period.

Supplies of vine vegetables were highest in 1946. The first increase since 1946 was registered in 1952. Cucumbers and tomatoes showed the greatest increase over the base year.

Leafy and miscellaneous vegetables followed a trend similar to the vine vegetables. Supplies of broccoli, oriental cabbage, cauliflower, celery, lettuce, peppers, and watercress increased appreciably over 1943.

Table I-E: Honolulu Supplies of Vegetables ^{1/}
(Index 1943 = 100)

Year	Root crops ^{2/}	Vine crops ^{3/}	Leafy and other crops ^{4/}	Total
1943	100	100	100	100
1944	87	176	138	106
1945	76	177	146	100
1946	91	207	203	125
1947	79	184	190	112
1948	70	181	191	105
1949	72	169	161	99
1950	73	160	171	101
1951	80	161	171	106
1952	71	180	167	101

^{1/} INCLUDES FROZEN VEGETABLES FROM 1945. UNLOADS FROM ALL SOURCES AND OAHU ESTIMATED PRODUCTION.

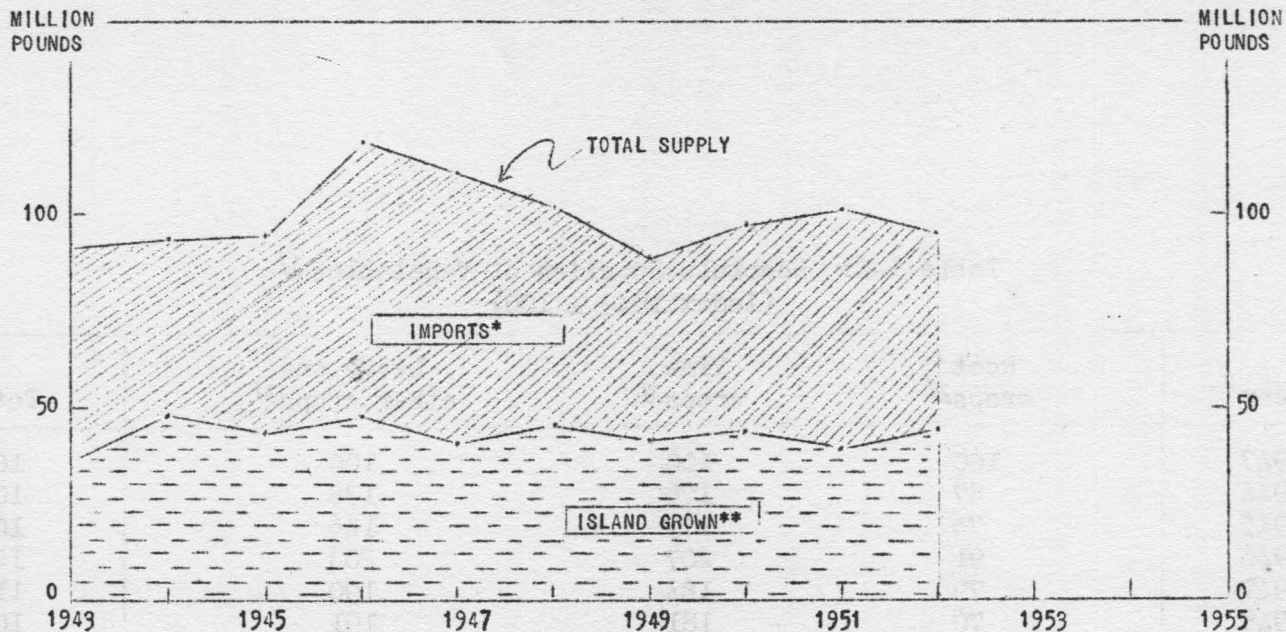
^{2/} INCLUDES CARROTS, GARLIC, GINGER ROOT, DRY ONIONS, GREEN ONIONS, POTATOES, SWEETPOTATOES, TURNIPS AND RUTABAGAS, DAIKON, DASHEENS, BURDOCK, AND LOTUS ROOT.

^{3/} INCLUDES CUCUMBERS, PUMPKINS, SQUASH, TOMATOES, AND SNAP BEANS.

^{4/} INCLUDES ARTICHOKEs, ASPARAGUS, BROCCOLI, BRUSSELS SPROUTS, HEAD CABBAGE, ORIENTAL CABBAGE, CAULIFLOWER, CELERY, LETTUCE, SWEET PEPPERS, GREEN CORN, EGGPLANT, AND WATERCRESS.

SOURCE: BASED ON UNLOAD DATA FROM MARKET STATISTICS (ANNUAL) AND OAHU PRODUCTION DATA FROM STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII (ANNUAL). HAWAII AGRICULTURAL EXTENSION SERVICE.

HONOLULU SUPPLIES OF FRESH AND FROZEN FRUITS AND VEGETABLES



*ALL SOURCES.

**OAHU AND NEIGHBOR ISLANDS.

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II-D-1 AGR. ECON. DEPT.

Total supplies of fresh and frozen fruits and vegetables at Honolulu have been fairly constant since 1943 except for the years 1946 through 1948.

Quantities originating within the Territory fluctuated slightly from year to year reflecting periodic weather damage to production. About 40 million to 50 million pounds were produced annually in the Territory which was slightly less than 50 per cent of the total supplies.

Imports fluctuated as conditions became favorable or unfavorable to the import trade. About 70 million pounds were imported in the peak post-war year of 1946 and a low of about 46 million pounds in 1949.

Table II-D-1: Honolulu Supplies of Fresh and Frozen Fruits and Vegetables

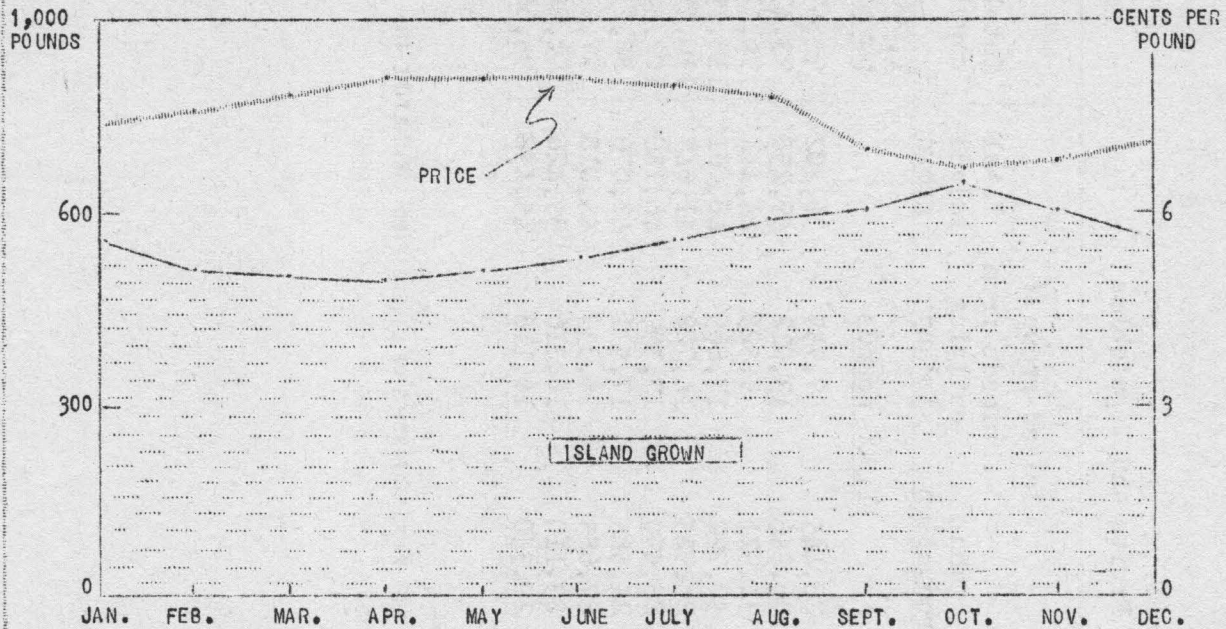
Year	Imports ^{1/}				Island-grown ^{2/}			Total supply 1,000 pounds	
	From the U.S. mainland	Fresh From foreign countries	Total	Frozen	Total fresh and frozen	Oahu production	Unloads from outlying islands		Total island- grown
	1,000 pounds				1,000 pounds				
1943	55,488	-	55,488	-	55,488	28,445	7,757	36,202	91,690
1944	44,219	-	44,219	-	44,219	36,246	13,012	49,258	93,477
1945	49,587	-	49,587	479	50,066	34,921	9,523	44,444	94,510
1946	68,604	-	68,604	932	69,536	30,792	17,869	48,661	118,197
1947	66,780	-	66,780	2,068	68,848	26,925	14,722	41,647	110,495
1948	50,195	5,301	55,496	865	56,351	28,590	17,590	46,180	102,531
1949	43,249	1,776	45,025	1,114	46,139	24,565	17,511	42,076	88,215
1950	51,794	181	51,975	1,217	53,192	27,685	16,333	44,018	97,210
1951	60,350	56	60,406	1,390	61,796	23,110	16,316	39,426	101,222
1952	46,306	2,457	48,763	1,440	50,203	29,340	16,118	45,458	95,661

^{1/} FROM ALL SOURCES OUTSIDE THE TERRITORY.

^{2/} UNLOADS FROM NEIGHBOR ISLANDS AND OAHU PRODUCTION.

SOURCES: IMPORT AND UNLOAD DATA FROM MARKET STATISTICS (ANNUAL); OAHU PRODUCTION DATA FROM STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII (ANNUAL). HAWAII AGRICULTURAL EXTENSION SERVICE.

BANANAS: SEASONAL HONOLULU SUPPLIES AND WHOLESALE PRICES, 1946-52



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II-0-2-a AGR. ECON. DEPT.

Honolulu monthly average wholesale prices for bananas were seasonally low from September through November and high from April through July during the 1946-52 period. The spread between the high and low monthly prices was 1.4 cents a pound.

Honolulu supplies were seasonally high between September and November and low from February to May. All of the supplies were island-grown.

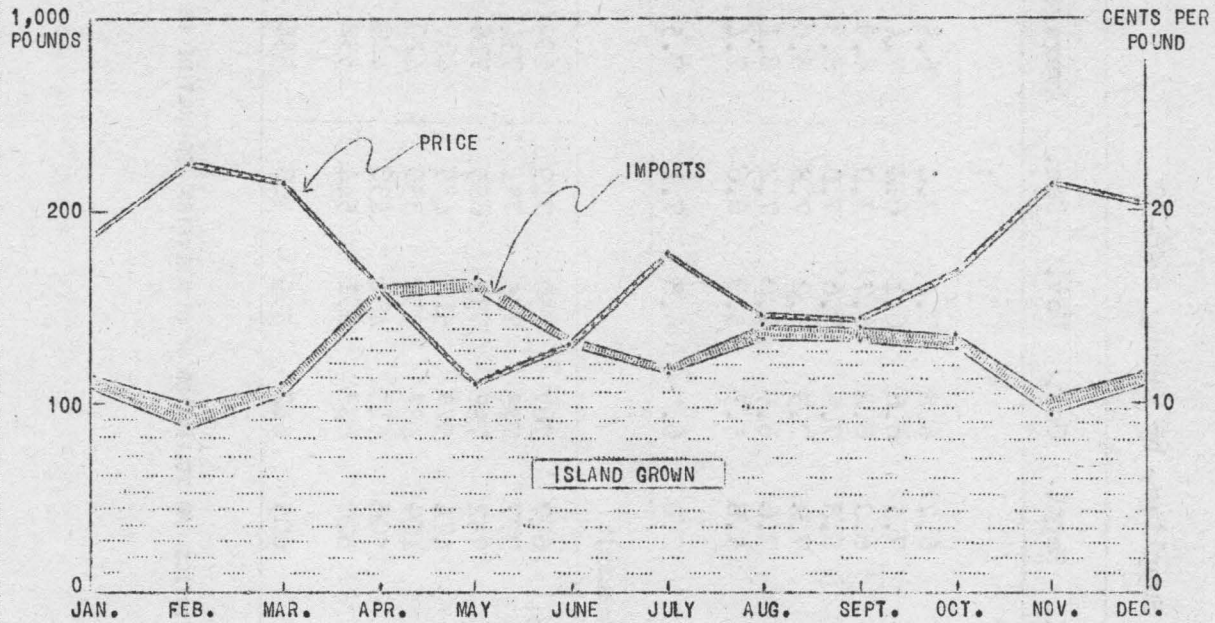
Table II-D-2-a: BANANAS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	6.2	6.2	6.2	6.2	6.2	6.2	6.9	6.2	6.2	6.8	7.4	7.4	6.5
1947	7.8	7.8	7.8	8.0	7.9	8.0	7.7	7.5	7.5	6.6	6.1	6.4	7.4
1948	6.7	6.9	7.3	7.6	7.6	7.5	7.1	6.7	6.0	6.2	6.7	7.0	6.9
1949	7.1	7.5	8.1	8.4	9.0	9.2	9.4	9.1	8.8	7.9	7.6	7.6	8.3
1950	7.4	8.3	8.8	8.8	8.8	8.5	8.2	7.3	7.2	7.3	7.2	7.8	8.0
1951	8.2	8.5	8.6	8.7	8.7	8.7	8.7	8.5	7.6	6.9	7.0	7.2	8.1
1952	8.1	8.2	8.4	8.7	8.4	8.4	8.2	7.4	5.8	5.3	5.8	6.6	7.4
Average	7.4	7.6	7.9	8.1	8.1	8.1	8.0	7.5	7.0	6.7	6.8	7.1	7.5
Supplies (island-grown, in 1,000 pounds)													
1946	590	609	409	444	498	566	594	634	697	767	750	749	609
1947	732	693	702	699	707	700	734	743	777	778	755	754	731
1948	659	669	724	708	718	743	736	731	752	738	731	685	716
1949	510	390	345	324	352	403	403	486	474	575	517	485	439
1950	511	367	429	374	420	389	485	487	409	482	358	330	420
1951	415	387	448	450	423	426	419	488	506	515	482	430	449
1952	484	484	475	467	467	491	530	578	620	638	601	544	532
Average	557	514	505	495	512	531	557	592	605	642	599	568	556

^{1/} ISLAND-GROWN.

SOURCE: PRICE DATA FROM MARKET STATISTICS (ANNUAL); SUPPLY DATA FROM MARKET STATISTICS AND STATISTICS OF DIVERSIFIED AGRICULTURE IN HAWAII (ANNUAL). HAWAII AGRICULTURAL EXTENSION SERVICE.

BEANS, SNAP: SEASONAL HONOLULU SUPPLIES AND WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-b AGR. ECON. DEPT.

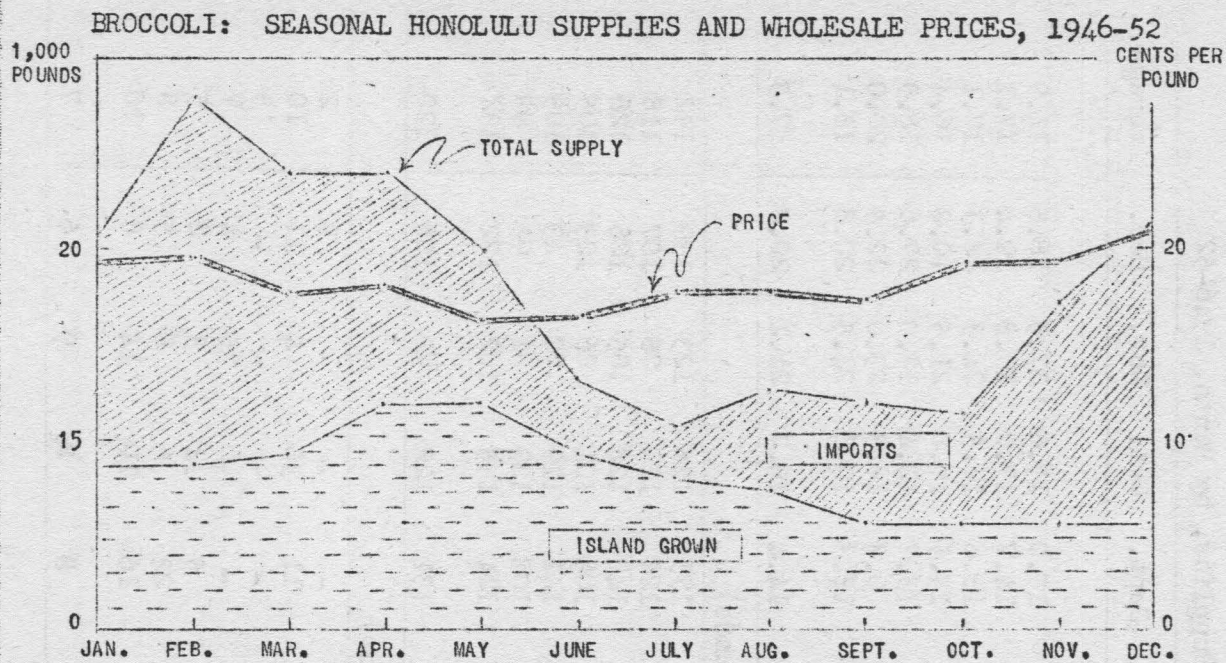
The average monthly wholesale prices for snap beans in Honolulu during the past 7-year period were seasonally high in February and March with a secondary peak coming in November. The bottom price usually came in May. The range between the high and low monthly prices was 11.5 cents a pound.

Total Honolulu supplies of snap beans reached a seasonal high in May (165,000 pounds) and a low in February (98,000 pounds). About 95 percent of the total supplies originated within the Territory. Imports were largely frozen beans, and the trend in the last few years has been upward.

Table II-D-2-b: SNAP BEANS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	15.0	15.0	15.0	14.0	8.6	13.8	15.4	15.0	15.0	15.6	17.5	18.8	14.9
1947	19.9	21.4	24.5	13.3	6.8	15.2	20.3	13.7	14.7	17.0	19.8	19.4	17.1
1948	23.1	26.5	25.4	8.8	12.9	13.7	16.7	9.5	13.6	18.5	24.3	22.3	17.1
1949	17.1	33.0	19.9	7.3	8.1	15.2	17.4	12.8	15.5	19.0	21.5	10.2	16.4
1950	15.4	20.5	19.3	18.5	12.5	10.2	14.5	13.8	13.7	12.4	17.0	27.6	16.3
1951	22.0	21.1	29.0	34.8	14.2	9.6	18.4	19.8	9.8	16.3	23.0	22.5	20.0
1952	19.3	19.5	16.9	14.6	12.9	13.6	21.7	17.2	18.8	17.8	24.5	20.8	18.1
Average	18.8	22.4	21.4	15.9	10.9	13.0	17.8	14.5	14.4	16.7	21.1	20.2	17.3
Supplies (island-grown, in 1,000 pounds)													
1946	147	102	116	191	241	173	119	144	173	158	123	139	152
1947	70	79	55	242	182	109	106	131	127	129	78	107	118
1948	99	70	156	168	116	114	145	163	140	128	105	126	128
1949	92	47	90	155	149	87	88	134	106	101	86	123	105
1950	119	95	99	101	135	117	110	113	141	119	70	43	105
1951	75	86	45	65	124	156	117	113	108	123	81	95	99
1952	135	127	150	158	163	153	118	124	124	135	102	122	134
Average	105	87	102	154	159	130	115	132	131	128	92	108	120
Supplies (imports, in 1,000 pounds)													
1946	11	-	6	1	-	-	-	-	-	-	-	9	2
1947	9	18	10	2	-	-	10	10	11	30	4	11	10
1948	-	18	8	8	10	-	1	19	-	-	-	-	5
1949	13	13	12	2	4	-	-	-	-	-	35	4	7
1950	7	6	4	4	5	6	1	4	5	11	3	2	5
1951	3	13	4	6	7	9	5	5	22	6	8	5	8
1952	4	12	12	12	16	2	3	16	16	10	14	8	10
Average	7	11	8	5	6	2	3	8	8	8	9	6	7

^{1/} ISLAND-GROWN.



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II-D-2-c AGR. ECON. DEPT.

Honolulu average monthly wholesale prices for broccoli reached a high between October and February and a bottom from May through September during the years 1946-52. The price spread between the high and low months was 4.3 cents a pound.

Broccoli supplies at Honolulu were highest in February (42,000 pounds) and lowest in July (16,000 pounds). Island production was at a seasonal peak in April and May, falling throughout the rest of the year.

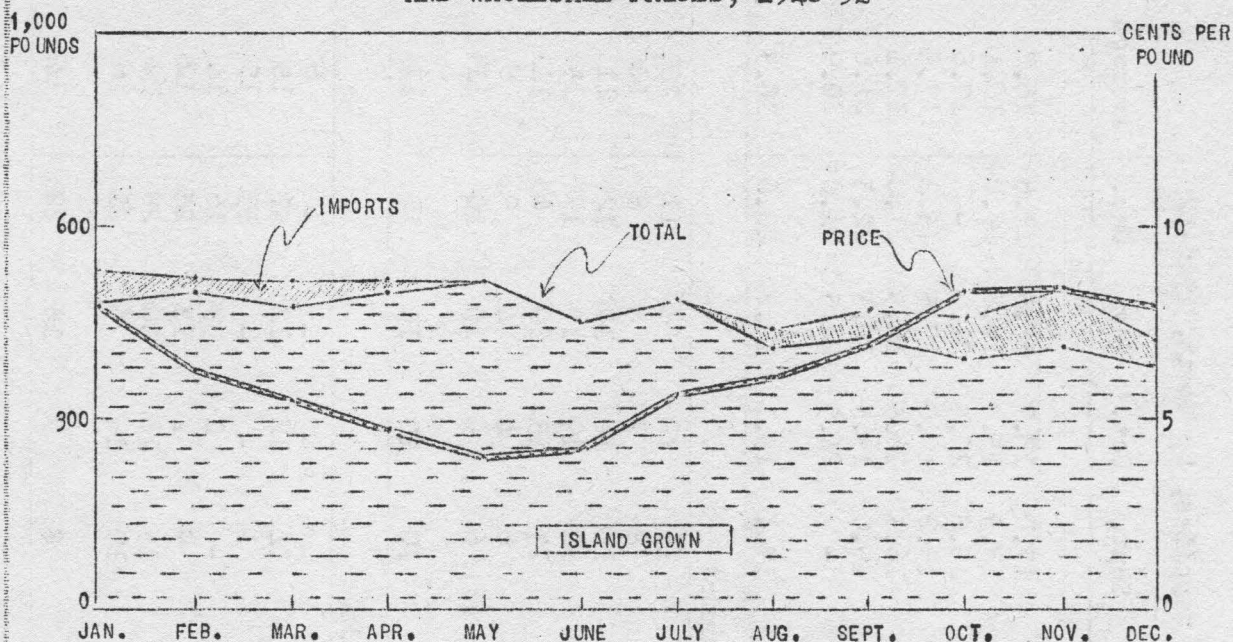
Imports were highest during the winter months and lowest during the summer months. About 52 percent of the total annual supplies in Honolulu originated outside the Territory. Receipts of frozen broccoli increased in each of the last few years.

Table II-D-2-c: BROCCOLI: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Prices (cents per pound) ^{1/}												
1946	17.0	17.0	17.0	16.5	11.0	12.5	16.9	17.0	17.0	18.7	18.5	21.6	16.7
1947	22.0	17.9	19.0	19.9	14.5	12.6	13.5	13.5	13.5	15.0	16.8	19.0	16.4
1948	18.4	17.8	16.8	14.7	14.5	17.2	17.1	16.5	19.0	20.5	21.0	-	17.6
1949	14.8	19.5	17.0	17.2	18.6	16.8	18.9	20.0	19.2	19.0	17.5	15.2	17.8
1950	15.8	18.4	-	16.5	16.5	16.5	16.6	17.8	16.5	16.5	16.5	21.0	17.1
1951	22.5	24.0	22.5	24.9	22.2	20.5	19.5	22.5	19.0	19.5	19.5	22.5	21.6
1952	24.0	22.2	14.6	16.8	16.8	19.6	22.0	-	-	24.5	24.5	24.0	20.9
Average	19.2	19.5	17.8	18.1	16.3	16.5	17.8	17.9	17.4	19.1	19.2	20.6	18.3
	Supplies (island-grown, in 1,000 pounds)												
1946	15	15	23	39	41	25	21	21	15	12	8	11	20
1947	11	12	7	9	15	12	13	11	8	7	6	8	10
1948	14	10	8	21	11	9	8	10	10	10	10	12	11
1949	20	20	13	10	15	15	12	12	12	19	19	17	15
1950	14	15	20	25	16	12	9	11	13	13	10	6	14
1951	9	7	10	6	11	15	13	8	6	4	4	9	8
1952	7	14	20	15	16	12	9	5	6	6	10	10	11
Average	13	13	14	18	18	14	12	11	10	10	10	10	13
	Supplies (imports, in 1,000 pounds)												
1946	3	17	19	4	8	19	3	4	-	-	-	-	6
1947	8	25	13	29	6	-	8	1	14	12	12	51	15
1948	25	43	32	18	17	8	6	13	1	-	-	13	15
1949	33	37	28	15	3	-	-	-	-	2	33	16	14
1950	10	22	20	10	13	6	1	11	9	4	13	25	12
1951	23	28	29	44	31	8	12	4	15	16	30	28	22
1952	23	31	10	8	9	1	1	22	19	17	26	21	16
Average	18	29	22	18	12	6	4	8	8	7	16	22	14

^{1/} ISLAND-GROWN.

HEAD CABBAGE: SEASONAL HONOLULU MARKET SUPPLIES
AND WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-d AGR. ECON. DEPT.

Between 1946 and 1952, Honolulu monthly wholesale prices for head cabbage averaged seasonally high in October and November and low in May and June. The spread between the high and low months was 4.4 cents per pound.

Monthly Honolulu supplies during the 7 years averaged highest in January (537,000 pounds) and lowest in December (428,000 pounds). The island-grown portion made up about 93 percent of the total and reached a top in May and a bottom in December.

Imports were relatively unimportant but heaviest during the winter and lowest during the summer months.

Table II-D-2-d: HEAD CABBAGE: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	6.0	5.0	5.0	5.0	4.1	5.0	6.5	6.0	8.6	16.2	18.2	13.6	8.3
1947	9.5	6.5	3.4	3.4	3.5	3.9	5.0	5.8	8.1	8.8	7.1	6.8	6.0
1948	8.9	8.6	10.6	6.5	5.1	4.9	4.7	5.8	5.5	4.6	5.6	6.2	6.4
1949	5.4	5.9	5.7	4.6	4.6	4.5	5.4	6.7	9.4	10.9	8.9	5.8	6.5
1950	6.2	5.2	4.7	3.5	3.0	3.0	3.6	4.0	6.0	7.5	5.8	5.7	4.8
1951	8.3	5.4	5.9	7.5	4.2	2.2	3.1	3.9	3.8	5.8	7.7	9.8	5.6
1952	10.1	6.6	3.0	2.6	3.5	5.4	10.7	10.1	6.8	4.2	5.3	6.7	6.3
Average	7.8	6.2	5.5	4.7	4.0	4.1	5.6	6.0	6.9	8.3	8.4	7.8	6.3
Supplies (island-grown, in 1,000 pounds)													
1946	707	623	471	619	748	558	590	212	303	250	203	283	464
1947	300	510	432	453	516	411	498	385	400	379	500	362	429
1948	439	350	411	474	416	571	551	593	608	564	538	536	504
1949	515	620	621	478	491	422	478	376	358	244	283	315	433
1950	488	518	517	459	457	452	439	473	432	456	430	375	458
1951	433	467	428	518	560	440	515	506	462	478	420	381	467
1952	531	448	482	501	454	337	349	372	504	415	487	424	442
Average	488	505	480	500	520	456	489	417	438	398	409	382	457
Supplies (imports, in 1,000 pounds)													
1946	50	1	1	3	3	1	-	24	144	19	-	230	40
1947	180	29	4	1	-	-	-	1	33	291	153	4	58
1948	32	89	264	99	5	3	3	23	4	-	-	10	44
1949	4	4	7	2	-	-	-	-	30	15	391	7	39
1950	2	3	4	2	1	1	-	1	27	93	-	11	12
1951	46	29	2	50	11	1	4	5	1	27	79	45	25
1952	25	5	2	3	-	-	-	105	3	2	4	14	14
Average	49	23	41	23	3	1	1	23	35	64	90	46	33

^{1/} ISLAND-GROWN.

1. Summary

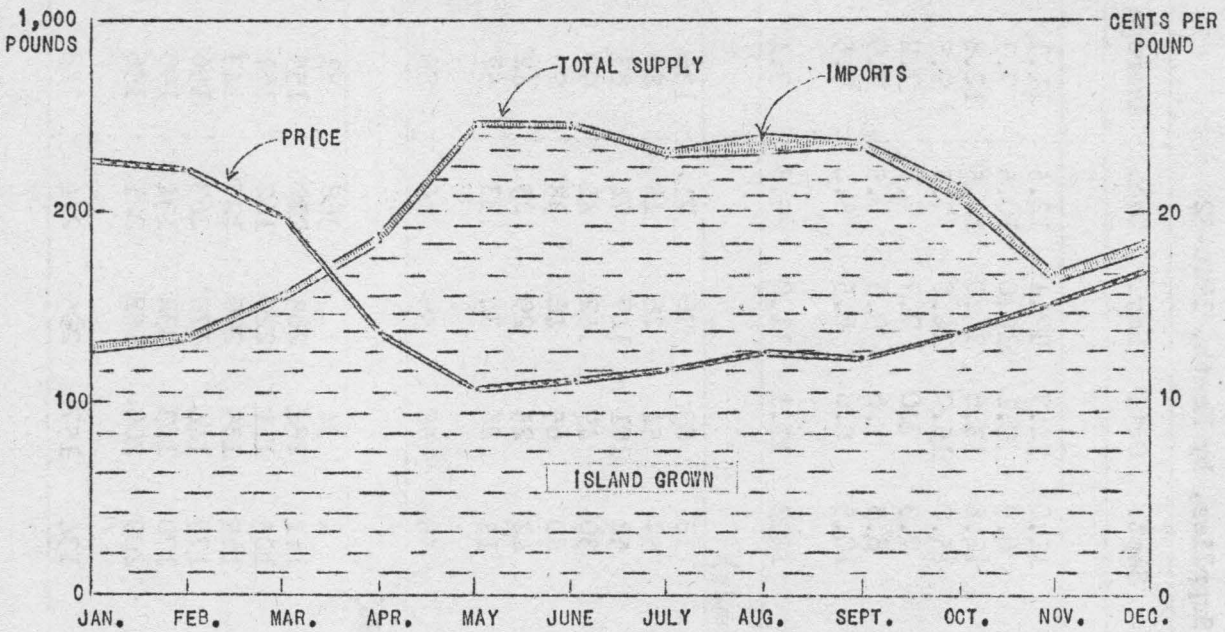
Year	Q1	Q2	Q3	Q4	Total	Average	Standard Deviation	Minimum	Maximum
1980	100	120	110	130	460	115	15	100	130
1981	110	130	120	140	500	125	18	110	140
1982	120	140	130	150	540	135	20	120	150
1983	130	150	140	160	580	145	22	130	160
1984	140	160	150	170	620	155	24	140	170
1985	150	170	160	180	660	165	26	150	180
1986	160	180	170	190	700	175	28	160	190
1987	170	190	180	200	740	185	30	170	200
1988	180	200	190	210	780	195	32	180	210
1989	190	210	200	220	820	205	34	190	220
1990	200	220	210	230	860	215	36	200	230
1991	210	230	220	240	900	225	38	210	240
1992	220	240	230	250	940	235	40	220	250
1993	230	250	240	260	980	245	42	230	260
1994	240	260	250	270	1020	255	44	240	270
1995	250	270	260	280	1060	265	46	250	280
1996	260	280	270	290	1100	275	48	260	290
1997	270	290	280	300	1140	285	50	270	300
1998	280	300	290	310	1180	295	52	280	310
1999	290	310	300	320	1220	305	54	290	320
2000	300	320	310	330	1260	315	56	300	330
2001	310	330	320	340	1300	325	58	310	340
2002	320	340	330	350	1340	335	60	320	350
2003	330	350	340	360	1380	345	62	330	360
2004	340	360	350	370	1420	355	64	340	370
2005	350	370	360	380	1460	365	66	350	380
2006	360	380	370	390	1500	375	68	360	390
2007	370	390	380	400	1540	385	70	370	400
2008	380	400	390	410	1580	395	72	380	410
2009	390	410	400	420	1620	405	74	390	420
2010	400	420	410	430	1660	415	76	400	430
2011	410	430	420	440	1700	425	78	410	440
2012	420	440	430	450	1740	435	80	420	450
2013	430	450	440	460	1780	445	82	430	460
2014	440	460	450	470	1820	455	84	440	470
2015	450	470	460	480	1860	465	86	450	480
2016	460	480	470	490	1900	475	88	460	490
2017	470	490	480	500	1940	485	90	470	500
2018	480	500	490	510	1980	495	92	480	510
2019	490	510	500	520	2020	505	94	490	520
2020	500	520	510	530	2060	515	96	500	530
2021	510	530	520	540	2100	525	98	510	540
2022	520	540	530	550	2140	535	100	520	550
2023	530	550	540	560	2180	545	102	530	560
2024	540	560	550	570	2220	555	104	540	570
2025	550	570	560	580	2260	565	106	550	580
2026	560	580	570	590	2300	575	108	560	590
2027	570	590	580	600	2340	585	110	570	600
2028	580	600	590	610	2380	595	112	580	610
2029	590	610	600	620	2420	605	114	590	620
2030	600	620	610	630	2460	615	116	600	630

Table II-D-2-e: CARROTS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	10.0	9.8	9.5	10.0	9.1	9.6	10.0	10.0	11.0	14.7	17.1	12.5	11.1
1947	7.8	7.1	7.5	6.3	5.5	5.3	5.6	6.3	6.9	9.1	10.0	10.5	7.3
1948	12.3	10.6	11.1	12.1	13.8	14.5	13.7	12.5	12.8	13.6	14.0	12.5	12.8
1949	10.2	8.1	6.8	5.7	6.4	8.4	11.5	13.2	15.0	15.0	10.0	7.5	9.8
1950	8.2	8.0	7.5	7.0	6.0	6.0	6.3	7.4	7.3	7.0	7.7	7.7	7.2
1951	7.8	7.8	7.8	7.5	6.7	6.1	7.2	7.5	8.3	9.6	9.5	9.5	7.9
1952	9.5	9.5	9.2	7.6	7.5	9.2	12.0	13.0	10.5	8.6	8.5	8.4	9.5
Average	9.4	8.7	8.5	8.0	7.9	8.4	9.5	10.0	10.3	11.1	11.0	9.8	9.4
Supplies (island-grown, in 1,000 pounds)													
1946	30	80	137	201	235	241	137	223	118	83	76	71	136
1947	37	59	112	110	126	134	97	108	57	54	26	45	80
1948	65	88	96	84	105	68	76	43	52	101	147	74	83
1949	57	55	94	91	148	173	179	109	30	49	52	42	90
1950	34	49	77	122	109	92	63	66	80	65	46	33	70
1951	34	31	32	56	53	60	67	52	42	25	29	25	42
1952	27	42	50	105	57	125	156	14	15	28	34	33	57
Average	41	58	85	110	119	128	111	88	56	58	59	46	80
Supplies (imports, in 1,000 pounds)													
1946	249	18	130	87	33	15	2	31	4	34	-	368	81
1947	135	137	134	93	153	111	104	112	111	284	265	220	155
1948	167	144	152	84	121	201	187	283	105	111	220	162	161
1949	159	225	170	127	34	-	-	281	165	135	290	127	143
1950	127	225	130	137	118	113	93	180	175	144	170	263	156
1951	130	235	195	187	187	92	180	153	170	183	332	134	190
1952	162	220	126	181	81	48	-	253	209	206	158	221	156
Average	161	172	148	128	104	83	81	185	134	157	205	214	148

^{1/} ISLAND-GROWN.

CUCUMBERS: SEASONAL HONOLULU SUPPLIES AND WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-f AGR. ECON. DEPT.

The January and February Honolulu monthly wholesale prices for cucumbers averaged highest, and the May prices lowest, between 1946 and 1952. The maximum range was 11.4 cents a pound.

Honolulu supplies of cucumbers were seasonally high from May through October and low from November through March.

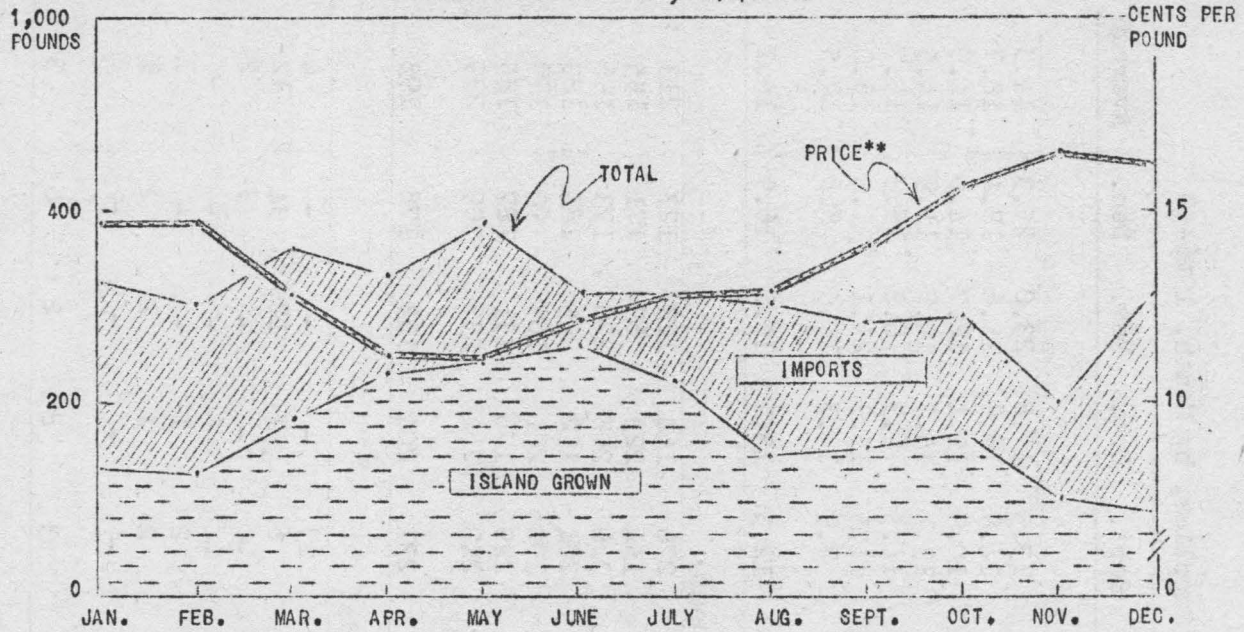
Imports were insignificant (2 percent of the total) during the period but were highest in August and October.

Table II-D-2-f: CUCUMBERS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	-	-	12.0	12.0	9.8	8.2	8.5	12.8	13.5	17.8	23.0	25.3	14.3
1947	26.1	24.8	32.3	19.9	10.2	13.6	13.2	14.2	14.9	16.9	19.6	18.4	18.7
1948	24.7	26.6	19.2	8.6	12.5	9.4	15.4	13.5	10.9	11.4	12.7	14.0	14.9
1949	21.4	28.8	27.8	11.2	4.7	12.1	10.5	7.1	13.1	15.2	10.7	11.9	14.5
1950	17.5	18.8	16.2	9.4	11.7	12.0	13.5	14.8	14.5	9.3	8.2	18.3	13.7
1951	23.5	17.5	18.7	18.8	18.3	10.0	5.7	9.8	11.5	15.3	21.1	21.5	16.0
1952	19.3	15.7	11.1	15.7	7.9	11.9	14.5	16.5	7.9	10.3	10.5	8.8	12.5
Average	22.1	22.0	19.6	13.7	10.7	11.0	11.6	12.7	12.3	13.7	15.1	16.9	15.1
Supplies (island-grown, in 1,000 pounds)													
1946	75	53	83	182	428	394	363	296	276	164	123	123	213
1947	107	63	74	220	209	174	172	222	154	223	69	171	155
1948	101	96	196	192	201	171	250	212	326	208	220	173	196
1949	73	96	105	166	254	185	260	276	204	192	205	184	183
1950	151	185	252	150	180	215	190	165	190	201	169	96	179
1951	179	173	156	123	183	288	197	195	229	176	131	187	185
1952	196	254	208	246	247	266	157	239	240	264	237	309	239
Average	126	131	153	183	243	242	227	229	231	204	163	178	193
Supplies (imports, in 1,000 pounds)													
1946	-	-	-	-	6	3	-	27	13	-	-	-	4
1947	16	-	-	-	-	5	6	19	6	51	12	34	12
1948	7	1	1	2	1	-	4	2	-	-	-	3	2
1949	1	2	1	1	-	-	-	-	-	-	-	-	-
1950	-	1	1	1	1	-	1	2	2	1	-	-	1
1951	-	-	-	1	-	-	1	1	2	1	2	2	1
1952	-	-	1	-	1	-	-	16	-	-	-	-	2
Average	3	1	1	1	1	1	2	10	3	8	2	6	3

^{1/} ISLAND-GROWN.

LETTUCE: SEASONAL HONOLULU MARKET SUPPLIES AND WHOLESALE PRICES, 1946-52*



*ICEBERG AND SEMI-HEAD.

**WEIGHTED 70% ICEBERG AND 30% SEMI-HEAD.

AGRICULTURAL EXTENSION SERVICE

II-D-2-g AGR. ECON. DEPT.

During the years 1946-52, Honolulu lettuce monthly prices reached a seasonal peak in November and December and a low in April and May. The maximum range was 5.4 cents a pound.

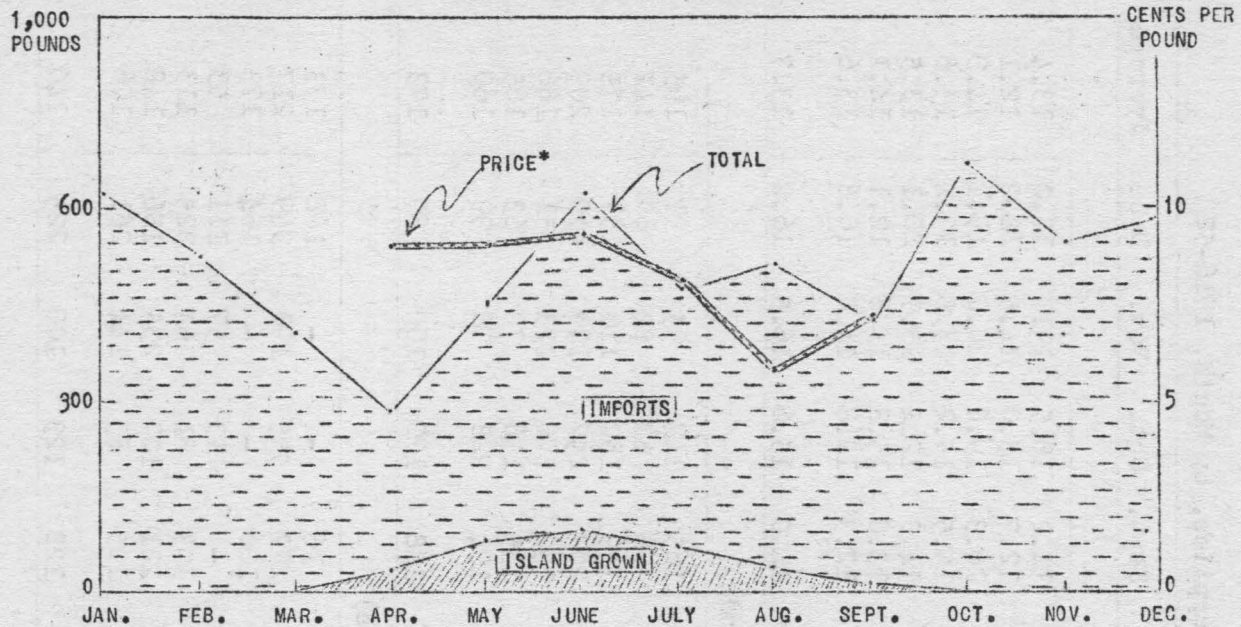
About 55 percent of the Honolulu supplies came from island production during the period. The peak in total supplies was in May (391,000 pounds); the low was in November (200,000 pounds). Island-grown supplies were highest in June and lowest in December. Imports were highest in the winter and lowest in the spring and summer months.

Table II-D-2-g: LETTUCE: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	11.6	11.0	10.8	10.0	10.2	11.8	13.2	12.8	14.2	18.5	19.0	18.0	13.4
1947	12.8	9.6	10.5	10.8	10.9	11.3	11.5	11.1	12.7	15.0	14.5	14.2	12.1
1948	13.8	14.7	14.5	11.9	11.8	13.5	12.9	12.5	16.3	19.8	20.0	19.1	14.9
1949	13.9	21.8	16.5	9.6	8.8	11.0	11.7	12.2	15.5	15.2	13.8	13.4	13.6
1950	15.5	16.7	11.0	9.5	14.5	13.4	12.2	12.7	14.3	12.2	13.7	20.1	13.5
1951	15.8	14.2	14.8	16.2	11.1	10.8	14.4	15.9	13.0	15.8	19.8	12.1	14.1
1952	18.8	14.3	11.8	10.1	10.4	12.8	14.5	13.1	12.3	12.8	14.8	16.8	13.6
Average	14.6	14.6	12.8	11.2	11.1	12.1	12.9	12.9	14.0	15.6	16.5	16.2	13.7
Supplies (island-grown, in 1,000 pounds)													
1946	314	205	136	287	359	251	188	97	165	147	95	91	195
1947	85	95	171	248	216	257	149	165	96	67	82	69	142
1948	183	123	138	146	220	255	303	162	159	160	116	131	175
1949	121	113	266	285	315	249	229	220	207	257	129	119	209
1950	102	167	254	277	157	172	244	111	150	176	133	51	166
1951	51	87	139	216	257	448	226	122	135	156	70	63	165
1952	90	114	163	202	213	188	212	139	194	228	78	99	160
Average	135	129	181	237	248	260	222	145	158	170	100	89	173
Supplies (imports, in 1,000 pounds)													
1946	363	135	411	171	401	46	101	264	16	-	-	168	173
1947	293	101	135	64	129	18	256	218	277	555	198	359	217
1948	163	226	383	181	206	252	192	199	106	-	-	164	173
1949	133	216	85	23	3	-	-	-	-	13	57	111	53
1950	74	188	36	36	148	76	52	104	173	81	64	325	113
1951	132	224	101	143	94	16	65	228	221	127	235	186	148
1952	186	139	119	70	40	4	-	118	105	83	144	261	106
Average	192	176	181	98	143	59	95	162	128	123	100	225	140

^{1/} ISLAND-GROWN.

ONIONS: SEASONAL HONOLULU MARKET SUPPLIES AND
WHOLESALE PRICES, 1946-52



*ISLAND ONIONS.

AGRICULTURAL EXTENSION SERVICE

II-D-2-h AGR. ECON. DEPT.

Monthly Honolulu wholesale prices for dry onions averaged seasonally high in June during the 1946-52 period.

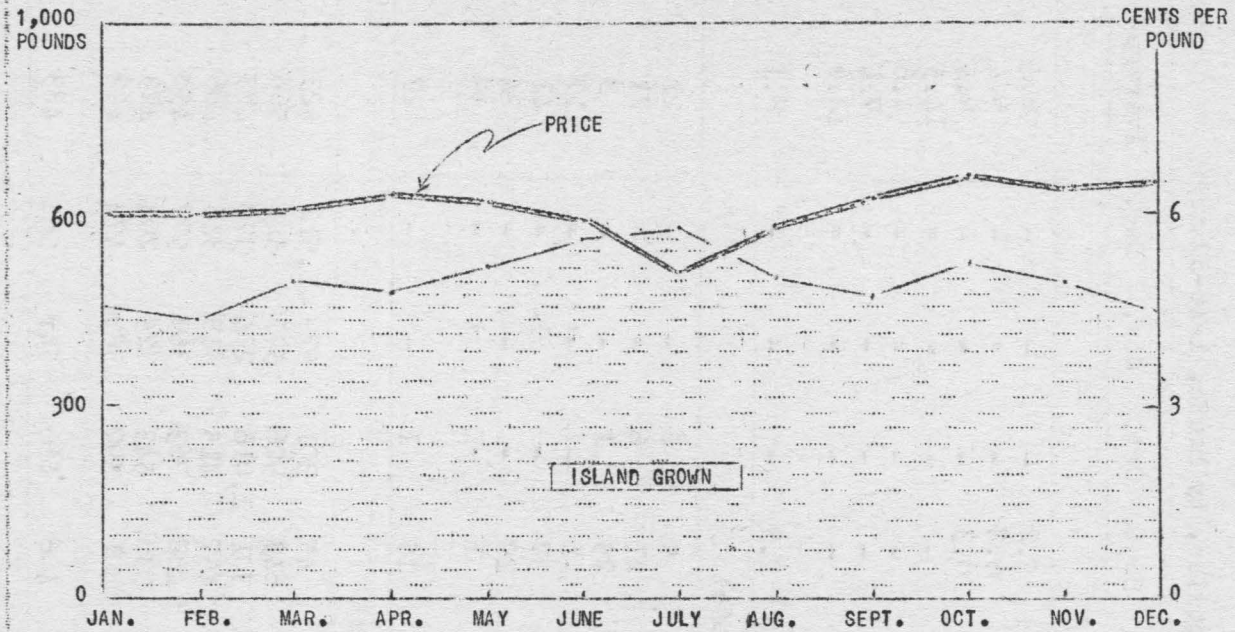
Honolulu supplies originating within the Territory were small (5 percent of the total). However, the top of the season was June. The bulk of the supplies were imported, and monthly volume fluctuated considerably. A high point was reached in October with a secondary peak in January. The low import month was April.

Table II-D-2-h: ONIONS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) 1/													
1946	-	-	-	-	-	7.2	7.1	5.9	5.2	-	-	-	6.4
1947	-	-	-	-	8.2	6.4	5.3	5.6	6.3	-	-	-	6.4
1948	-	-	-	-	10.0	8.0	-	-	10.3	-	-	-	9.4
1949	-	-	-	-	11.2	16.2	16.0	-	-	-	-	-	14.5
1950	-	-	-	5.4	4.9	4.5	3.5	-	-	-	-	-	4.6
1951	-	-	-	-	7.9	7.7	6.7	-	-	-	-	-	7.4
1952	-	-	-	12.6	12.0	15.4	10.2	-	-	-	-	-	12.6
Average	-	-	-	9.0	9.0	9.3	8.1	5.8	7.3	-	-	-	8.1
Supplies (island-grown, in 1,000 pounds)													
1946	-	-	-	-	4	84	87	65	5	2	-	-	21
1947	-	-	-	-	16	59	81	67	21	6	-	-	21
1948	-	-	-	1	16	24	19	15	25	1	-	-	8
1949	-	-	-	8	96	77	14	3	1	-	-	-	17
1950	-	-	1	59	117	108	103	68	37	-	1	-	41
1951	-	-	-	1	107	79	52	28	17	-	-	-	24
1952	-	-	8	99	195	242	128	33	1	1	1	-	59
Average	-	-	1	27	79	96	69	40	15	1	-	-	27
Supplies (imports, in 1,000 pounds)													
1946	335	769	309	139	561	895	21	815	45	301	579	1,512	523
1947	1,627	66	119	192	830	442	542	308	643	926	571	525	566
1948	401	316	631	361	556	511	460	546	301	1,016	204	370	473
1949	785	552	644	296	69	275	429	641	457	415	918	348	486
1950	400	562	509	299	224	511	367	351	468	763	363	578	450
1951	423	812	347	335	223	369	704	323	530	543	775	293	473
1952	323	619	305	186	155	720	349	309	401	597	389	470	402
Average	613	528	409	258	374	532	410	470	406	666	543	585	483

1/ ISLAND-GROWN.

PAPAYAS: SEASONAL HONOLULU SUPPLIES AND WHOLESALe PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-i AGR. ECON. DEPT.

Monthly Honolulu wholesale prices for papayas ranged from a seasonal top in October (6.6 cents a pound) to a bottom in July (5.1 cents) during the 1946-52 period.

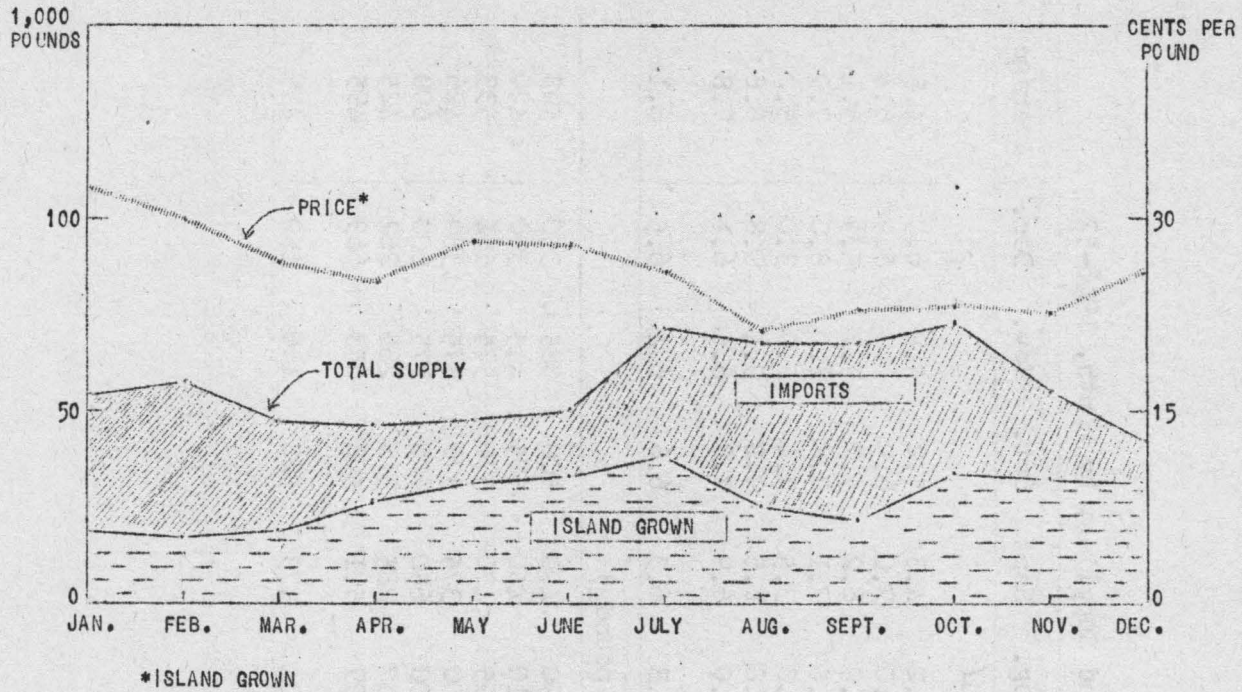
All of the Honolulu supplies came from island production. The peak was in July (577,000 pounds) and the low in February (440,000 pounds).

Table II-D-2-i: PAPAYAS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	4.0	4.0	4.0	4.0	4.2	4.2	4.0	4.2	4.3	5.2	5.9	6.0	4.5
1947	6.3	6.6	6.8	6.8	6.9	7.0	6.4	7.0	7.0	6.9	6.7	6.9	6.8
1948	6.1	6.4	6.4	3.7	3.6	3.8	2.9	4.9	6.2	5.7	5.7	5.9	5.1
1949	5.9	5.9	6.4	6.9	7.0	7.0	7.0	7.0	7.1	7.8	8.0	8.0	7.0
1950	7.3	7.0	7.0	7.0	7.0	6.1	4.3	3.8	3.5	3.4	2.9	3.0	5.2
1951	2.7	2.5	2.8	6.7	6.4	6.5	6.7	7.8	8.8	9.2	9.4	9.8	6.6
1952	9.8	9.8	9.5	9.0	8.6	6.7	4.6	6.0	6.9	7.8	6.5	6.1	7.8
Average	6.0	6.0	6.1	6.3	6.2	5.9	5.1	5.8	6.3	6.6	6.4	6.5	6.1
Supplies (island-grown, in 1,000 pounds)													
1946	490	500	690	790	720	730	790	690	490	500	385	350	593
1947	325	375	306	367	380	501	685	410	450	505	445	390	420
1948	440	410	682	624	530	643	528	425	470	570	575	504	533
1949	476	428	452	425	475	501	453	400	375	370	375	380	426
1950	500	450	452	400	600	625	650	700	650	800	775	600	600
1951	700	630	600	525	462	386	368	307	285	310	266	262	425
1952	290	290	326	354	449	560	568	599	591	598	653	663	495
Average	460	440	501	484	517	564	577	504	473	522	496	450	499

^{1/} ISLAND-GROWN.

PEPPERS: SEASONAL HONOLULU SUPPLIES AND WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-j AGR. ECON. DEPT.

During the past 7 years sweet pepper monthly wholesale prices in Honolulu averaged highest in January (32.2 cents a pound) and lowest in August (21.2 cents).

Honolulu supplies of island origin averaged 48 percent of the total during the period with the seasonal peak in July (38,000 pounds) and the low in February (18,000 pounds).

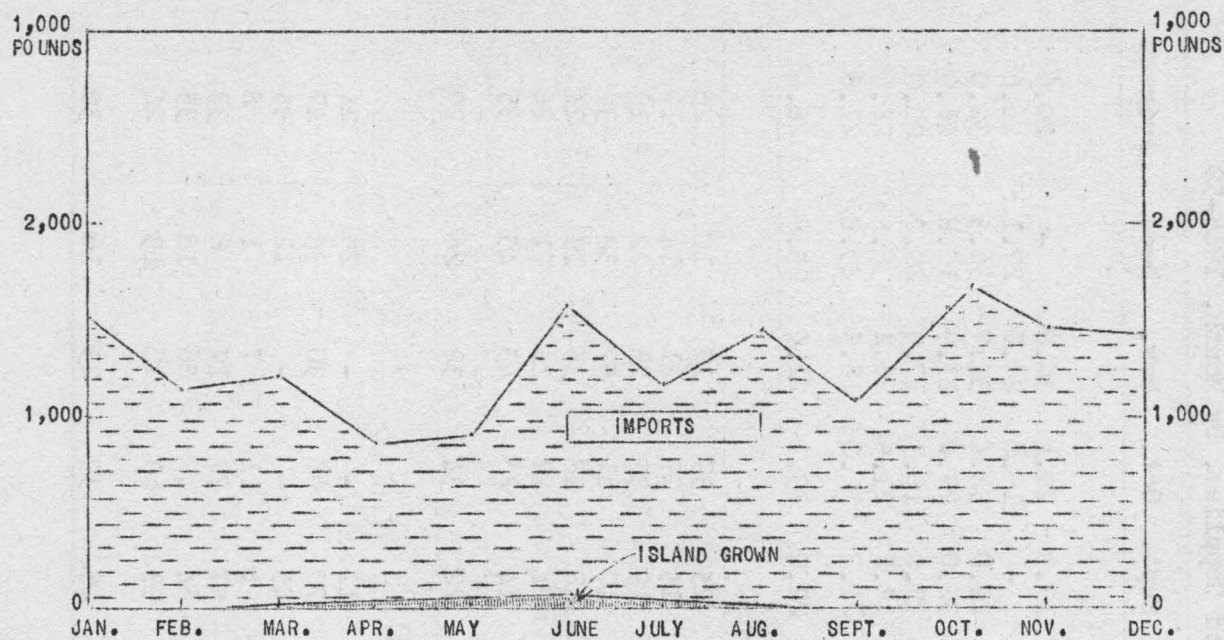
Imports were highest in September (46,000 pounds) and lowest in December and May (16,000 pounds). Considerable import fluctuation occurred between months.

Table II-D-2-j: SWEET PEPPERS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) 1/													
1946	-	-	-	-	-	18.0	17.1	14.4	17.9	25.4	30.8	-	20.6
1947	30.0	28.0	22.5	33.3	35.5	35.0	23.8	17.5	-	19.8	20.0	27.1	26.6
1948	35.0	35.0	33.3	27.6	35.0	34.8	35.0	21.5	24.0	32.4	34.7	36.3	32.0
1949	35.2	38.8	31.3	20.9	24.4	32.0	31.6	28.4	32.0	25.0	11.9	10.8	26.9
1950	30.0	21.5	23.8	19.0	26.0	22.5	21.8	21.8	23.0	16.3	17.3	20.0	22.0
1951	35.5	36.2	34.8	34.2	25.2	28.9	27.0	22.5	18.8	21.5	26.2	36.5	28.9
1952	30.2	21.2	14.2	16.0	23.8	24.2	24.0	22.5	21.7	21.0	18.5	23.8	21.8
Average	32.2	30.1	26.7	25.2	28.3	27.9	25.8	21.2	22.9	23.1	22.8	25.8	26.0
Supplies (island-grown, in 1,000 pounds)													
1946	13	12	7	9	44	43	65	27	25	37	17	10	26
1947	6	7	7	12	30	32	30	24	15	29	21	14	19
1948	14	8	13	20	15	21	18	12	19	37	26	22	19
1949	32	20	30	45	30	32	43	43	40	61	57	38	39
1950	24	30	28	26	19	17	23	23	18	28	35	19	24
1951	21	20	12	21	32	44	43	27	24	22	21	31	26
1952	25	31	33	48	48	42	41	21	14	23	45	45	35
Average	19	18	19	26	31	33	38	25	22	34	32	26	27
Supplies (imports, in 1,000 pounds)													
1946	71	54	18	28	15	4	31	27	11	-	-	25	24
1947	82	65	20	20	18	27	70	60	70	68	30	35	47
1948	39	41	68	32	25	42	59	81	25	-	-	12	35
1949	2	25	48	2	1	-	-	-	1	11	7	1	8
1950	22	56	20	8	32	43	11	48	57	77	17	8	33
1951	2	26	17	47	19	2	57	30	64	48	86	18	35
1952	29	6	3	1	3	-	-	56	93	69	20	13	24
Average	35	39	28	20	16	17	33	43	46	39	23	16	30

1/ ISLAND-GROWN.

POTATOES: SEASONAL HONOLULU SUPPLIES, 1946-52



AGRICULTURAL EXTENSION SERVICE

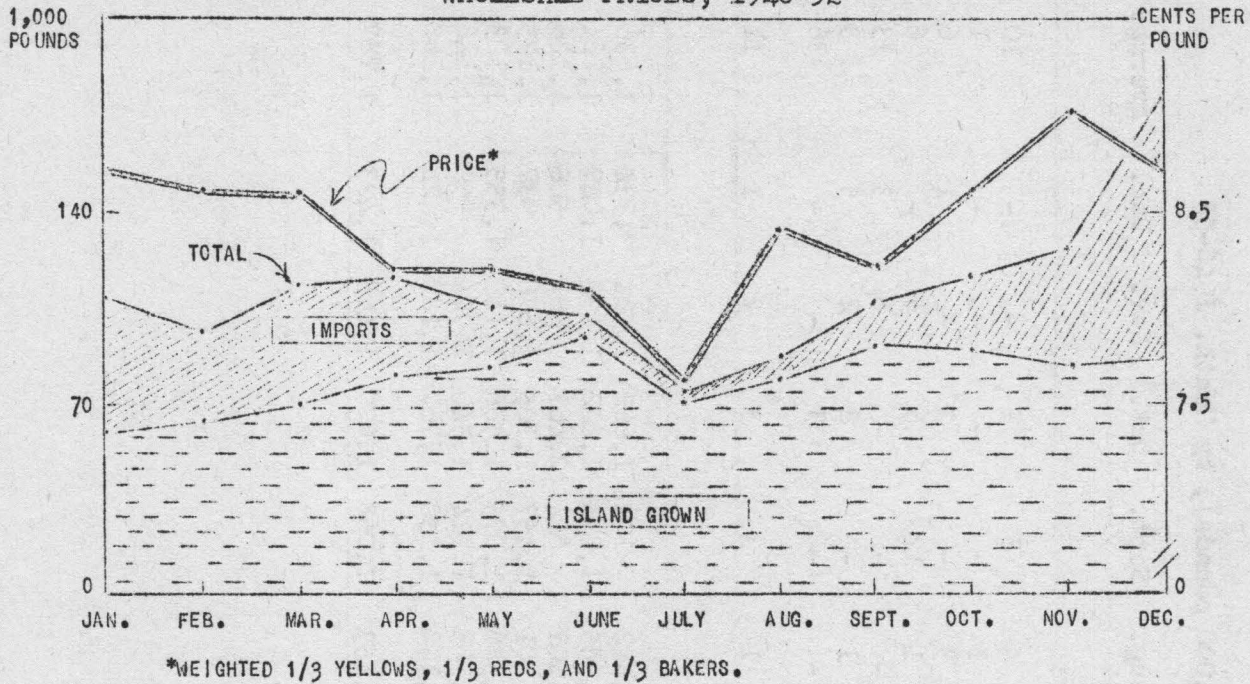
II-D-2-k AGR. ECON. DEPT.

The Territory produced an average of 1 percent of the Honolulu supplies of potatoes between 1946 and 1952. Imports were seasonally high from October through January and low in April and May. However, monthly volume of imports changed with shipping conditions.

Table II-D-2-k: POTATOES: Honolulu Supplies (in 1,000 pounds), by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Island-grown													
1946	10	-	2	18	33	29	11	4	8	2	-	-	10
1947	-	-	-	-	14	1	-	1	-	-	-	-	1
1948	-	-	30	36	1	4	-	3	-	3	-	1	6
1949	-	-	1	10	-	40	-	1	12	6	5	-	6
1950	-	-	-	32	37	20	55	-	-	-	6	3	13
1951	-	1	2	1	7	3	3	1	-	8	2	5	3
1952	-	-	-	2	31	289	109	-	-	3	-	-	36
Average	1	-	5	14	18	55	25	1	3	3	2	1	11
Imports													
1946	1,901	1,456	1,455	732	626	3,198	368	2,542	194	1,662	1,764	3,734	1,636
1947	2,925	258	652	824	1,372	1,228	1,179	1,385	1,074	1,622	1,598	1,047	1,264
1948	1,217	959	1,268	793	1,121	1,195	1,080	1,407	614	2,467	882	508	1,126
1949	1,673	1,277	1,073	1,171	239	1,531	1,465	501	1,457	1,105	1,676	937	1,175
1950	946	1,246	1,274	582	987	1,231	1,497	1,386	1,075	1,588	1,149	1,353	1,193
1951	1,049	1,632	1,312	1,238	1,197	1,189	1,533	1,768	1,914	1,540	2,024	959	1,446
1952	819	1,078	1,332	719	800	1,489	1,085	1,179	1,150	1,767	1,180	1,424	1,168
Average	1,504	1,129	1,195	866	906	1,580	1,172	1,453	1,068	1,679	1,468	1,423	1,287

SWEETPOTATOES: SEASONAL HONOLULU MARKET SUPPLIES AND WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-1 AGR. ECON. DEPT.

Average monthly Honolulu wholesale prices for sweetpotatoes from 1946 to 1952 ranged from a seasonal high in November (9.0 cents a pound) to a low in July (7.6 cents).

Island sources made up 71 percent of the Honolulu supplies during the period. A seasonal peak came in June with a secondary high in September and October. The low point was January.

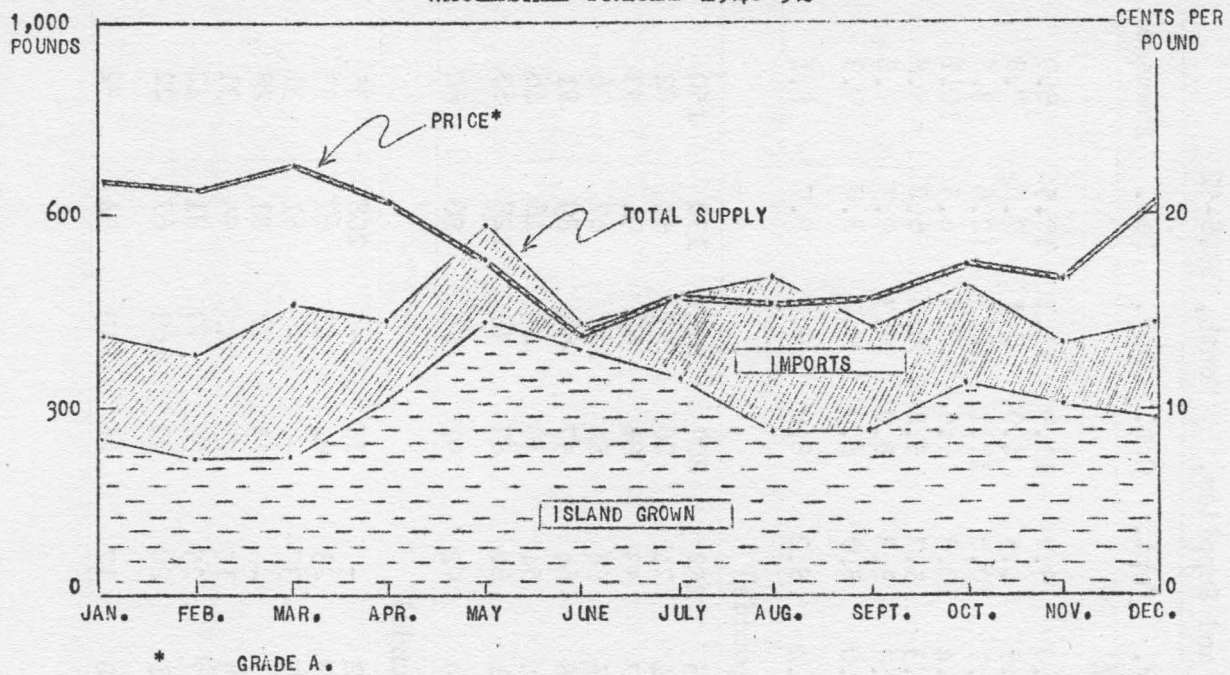
Imports, made up mostly of bakers, were lowest from June through August. A peak was established in the holiday month of December.

Table II-D-2-1: SWEETPOTATOES: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	9.2	11.9	11.1	10.5	8.9
1947	9.9	8.9	8.9	8.6	8.0	5.1	4.5	4.5	4.5	4.9	7.1	7.0	7.8
1948	8.2	9.1	9.9	8.8	-	7.5	6.0	12.1	10.0	11.1	12.3	12.6	8.8
1949	10.5	10.6	9.9	9.3	9.5	12.2	11.5	11.4	10.5	9.6	8.5	6.5	10.1
1950	7.3	6.6	5.6	5.2	5.6	5.7	5.3	5.3	5.7	5.2	6.0	6.2	5.8
1951	7.1	7.1	9.1	8.4	8.2	8.2	8.0	8.8	8.8	8.9	9.3	9.3	9.0
1952	9.8	9.6	8.8	9.2	9.8	10.3	9.6	9.0	8.9	8.9	9.0	8.8	9.3
Average	8.7	8.6	8.6	8.2	8.2	8.1	7.6	8.4	8.2	8.6	9.0	8.7	8.1
Supplies (island-grown, in 1,000 pounds)													
1946	109	109	125	166	134	142	116	163	252	207	149	130	150
1947	60	90	98	109	107	92	67	94	74	86	57	51	82
1948	46	32	54	35	58	53	31	47	53	66	69	94	53
1949	33	56	46	77	64	117	76	98	88	84	112	67	76
1950	82	93	106	96	102	89	86	68	64	57	90	89	81
1951	45	29	31	37	60	59	57	44	54	49	47	46	46
1952	28	31	34	45	61	115	55	41	61	87	72	128	63
Average	58	63	71	81	84	95	70	79	92	91	85	86	80
Supplies (imports, in 1,000 pounds)													
1946	69	18	35	30	20	-	-	22	-	18	-	208	35
1947	53	47	49	44	62	4	5	9	23	64	43	67	39
1948	36	39	66	50	53	25	-	7	37	-	-	61	31
1949	95	23	22	22	2	-	-	-	-	13	72	81	28
1950	31	32	33	26	16	21	16	13	15	27	45	95	31
1951	48	49	72	74	22	9	8	7	25	30	73	81	42
1952	27	33	16	3	1	-	-	1	20	33	69	67	22
Average	51	34	42	36	25	8	4	8	17	26	43	94	32

^{1/} ISLAND-GROWN.

TOMATOES: SEASONAL HONOLULU SUPPLIES AND
WHOLESALE PRICES 1946-52



* GRADE A.

AGRICULTURAL EXTENSION SERVICE

II-D-2-m AGR. ECON. DEPT.

Honolulu monthly wholesale prices for tomatoes averaged seasonally high in March and low in June during the years 1946-52. The range between the high and low prices was 9.4 cents a pound.

The Territory produced about 67 percent of the supplies of tomatoes at Honolulu during the period, with the seasonal peak in May and the low in February.

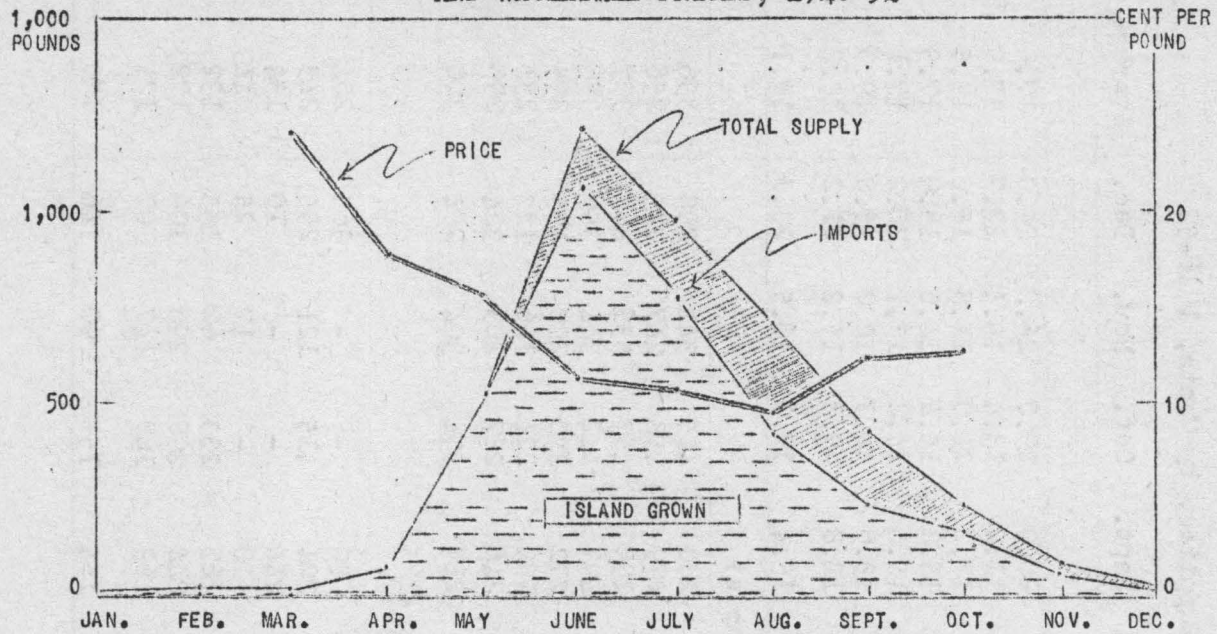
Imports fluctuated considerably, but a distinct low point was reached in June and highs in March and August.

Table II-D-2-m: TOMATOES: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	14.2	15.0	15.0	15.0	15.0	11.5	15.0	14.5	20.0	29.0	26.0	25.0	17.9
1947	21.0	18.8	24.6	24.9	19.6	14.5	14.3	13.4	11.2	13.4	15.4	23.7	17.9
1948	26.3	26.4	27.4	23.2	18.4	13.5	16.2	14.2	17.0	21.0	14.8	15.6	19.5
1949	19.6	22.6	24.8	18.6	11.2	9.2	16.4	19.9	18.2	15.4	14.6	16.9	17.3
1950	20.4	18.8	19.8	16.6	17.2	17.6	16.8	15.6	15.0	14.2	13.1	20.2	17.1
1951	25.0	24.4	25.5	26.6	24.6	12.2	10.0	12.6	13.6	14.3	16.2	23.0	19.0
1952	23.4	22.0	21.2	19.0	18.2	14.2	20.7	16.8	12.8	13.8	15.2	21.2	18.2
Average	21.4	21.1	22.6	20.6	17.7	13.2	15.6	15.3	15.4	17.3	16.5	20.8	18.1
Supplies (island-grown, in 1,000 pounds)													
1946	216	190	180	351	728	601	342	225	150	405	341	298	336
1947	219	180	256	211	336	305	256	297	279	258	247	225	256
1948	228	190	143	274	354	389	254	157	236	457	538	461	307
1949	389	282	209	428	555	384	370	358	497	442	364	359	386
1950	320	243	271	335	300	319	384	364	272	270	270	195	295
1951	203	212	139	93	315	445	450	208	189	221	166	127	231
1952	163	177	313	419	427	354	354	209	246	287	203	324	290
Average	248	211	216	302	431	400	344	260	267	334	304	284	300
Supplies (imports, in 1,000 pounds)													
1946	235	197	220	281	213	19	296	573	50	-	-	364	204
1947	319	205	206	104	380	29	323	357	201	415	121	255	243
1948	115	147	446	156	127	70	202	327	245	-	-	10	154
1949	41	43	238	51	4	-	-	92	10	-	17	25	44
1950	86	162	227	45	113	44	14	78	161	233	62	155	132
1951	118	174	191	288	230	6	36	78	244	298	296	106	172
1952	225	248	127	19	7	3	-	227	169	169	147	107	121
Average	163	168	236	135	153	24	124	247	154	159	90	146	150

^{1/} ISLAND-GROWN.

WATERMELONS: SEASONAL HONOLULU MARKET SUPPLIES AND
AND WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

II-D-2-n AGR. ECON. DEPT.

Honolulu monthly wholesale prices for watermelons were seasonally high at the beginning of the season in March and lowest in August. A difference of 14.4 cents a pound was noted between the top and bottom prices.

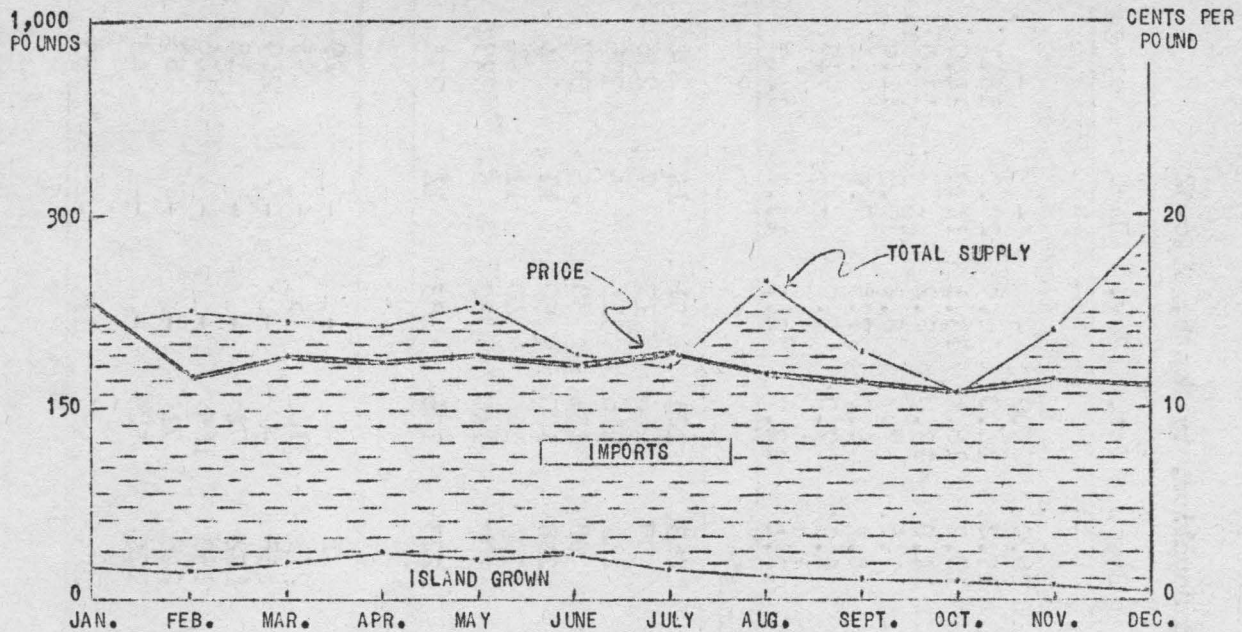
Island producers supplied Honolulu with about 77 percent of the supplies during 1946-52. June was the peak month for supplies originating within the Territory, and August for those imported.

Table II-D-2-n: WATERMELONS: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	-	-	-	-	-	-	18.7	-	26.0	25.0	-	-	-
1947	20.0	-	30.0	-	22.7	14.1	12.8	15.5	15.2	14.2	16.5	20.0	18.1
1948	20.0	-	-	-	18.3	14.6	10.3	9.8	10.2	16.1	13.1	14.0	14.0
1949	-	-	-	19.6	11.0	8.7	9.9	11.1	14.0	13.0	8.2	-	11.9
1950	20.0	18.5	18.0	13.0	13.5	8.5	7.2	6.7	7.6	7.7	8.2	10.9	11.6
1951	-	-	-	-	15.0	13.7	10.0	6.4	6.8	6.0	7.5	7.5	9.1
1952	-	-	-	21.0	14.7	8.2	6.2	8.4	6.9	7.0	7.0	-	9.9
Average	20.0	18.5	24.0	17.9	15.9	11.3	10.7	9.6	12.4	12.7	10.1	13.1	14.7
Supplies (island-grown, in 1,000 pounds)													
1946	-	-	-	-	84	456	808	623	263	121	51	14	202
1947	1	-	14	10	496	1,288	669	164	99	66	17	7	236
1948	6	-	-	39	516	1,215	737	375	247	216	315	25	306
1949	-	1	1	105	1,006	1,540	524	152	98	151	80	25	307
1950	1	23	16	350	548	1,017	716	566	250	100	50	11	304
1951	1	-	-	-	134	413	1,353	750	300	160	40	11	264
1952	1	-	10	40	885	1,430	790	250	300	140	30	5	323
Average	1	3	6	78	527	1,051	768	411	223	136	83	14	275
Supplies (imports, in 1,000 pounds)													
1946	-	-	-	-	-	85	110	154	1	-	-	-	29
1947	-	-	-	-	14	1	265	192	273	318	75	-	95
1948	-	-	-	-	-	420	540	1,095	458	-	-	-	209
1949	-	-	-	-	-	-	-	38	102	72	-	-	18
1950	-	-	12	8	8	345	285	265	180	165	-	-	106
1951	-	-	-	-	44	230	321	87	246	71	-	-	83
1952	-	-	-	-	1	-	-	281	174	58	-	-	43
Average	-	-	2	1	10	154	217	302	205	98	11	-	83

^{1/} ISLAND-GROWN.

CELERY: SEASONAL HONOLULU MARKET SUPPLIES AND
WHOLESALE PRICES, 1946-52



AGRICULTURAL EXTENSION SERVICE

11-D-2-o AGR. ECON. DEPT.

The 1946-52 average monthly celery wholesale prices in Honolulu (strike month prices not included) reached a seasonal peak in January and a low in October. The spread between the high and low monthly prices was 4.1 cents a pound.

Only 11 percent of the Honolulu supplies came from island production. The seasonal peak for this source was from April through June and the low was in December.

Imports hit a seasonal top in December following a low in October. A secondary peak in August followed a secondary low in July. However, quantities imported monthly were affected by shipping strikes which occurred in 1946, 1948, 1949, and 1952.

Table II-D-2-c: CELEBY: Honolulu Wholesale Prices and Supplies, by Month, 1946-52

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Prices (cents per pound) ^{1/}													
1946	15.4	14.0	10.9	12.7	9.7	11.1	14.8	12.0	12.5	-	-	-	12.6
1947	14.0	10.9	13.2	12.3	13.4	14.7	15.0	14.8	12.3	11.6	13.0	12.0	13.0
1948	-	-	-	-	10.5	10.5	10.3	10.5	-	-	-	-	10.5
1949	-	-	-	-	17.1	-	-	-	-	10.2	10.2	10.2	11.9
1950	-	10.1	-	11.8	11.0	12.0	11.4	10.4	10.0	10.0	-	-	10.8
1951	-	-	-	13.3	-	11.5	-	-	-	-	-	-	-
1952	-	10.5	-	11.0	14.5	-	-	-	10.0	10.5	-	-	-
Average	14.7	11.4	12.0	12.3	12.7	12.0	12.9	11.9	11.2	10.6	11.6	11.1	12.0
Supplies (island-grown, in 1,000 pounds)													
1946	113	118	152	112	101	98	73	59	31	21	11	7	75
1947	6	8	19	62	35	51	14	25	39	30	17	7	26
1948	1	1	6	16	28	13	26	5	5	8	2	2	9
1949	-	1	-	2	21	41	18	8	13	13	23	12	13
1950	14	25	16	27	16	11	29	27	9	14	25	12	19
1951	19	5	5	14	5	11	3	3	3	-	-	-	6
1952	15	5	3	1	4	6	6	2	6	7	1	1	5
Average	24	23	29	33	30	33	24	18	15	13	11	6	22
Supplies (imports, in 1,000 pounds)													
1946	244	119	156	81	303	170	153	386	59	55	-	459	182
1947	161	219	157	152	274	87	252	346	252	296	347	344	241
1948	235	289	341	215	215	335	209	255	109	-	210	296	226
1949	152	200	202	235	66	30	25	36	242	68	216	151	135
1950	163	194	123	170	159	199	165	161	175	203	162	219	174
1951	147	197	178	191	249	143	285	161	228	226	257	247	209
1952	206	192	174	213	125	142	16	257	181	173	210	236	177
Average	187	201	190	180	199	158	158	229	178	146	200	279	192

^{1/} ISLAND-GROWN.