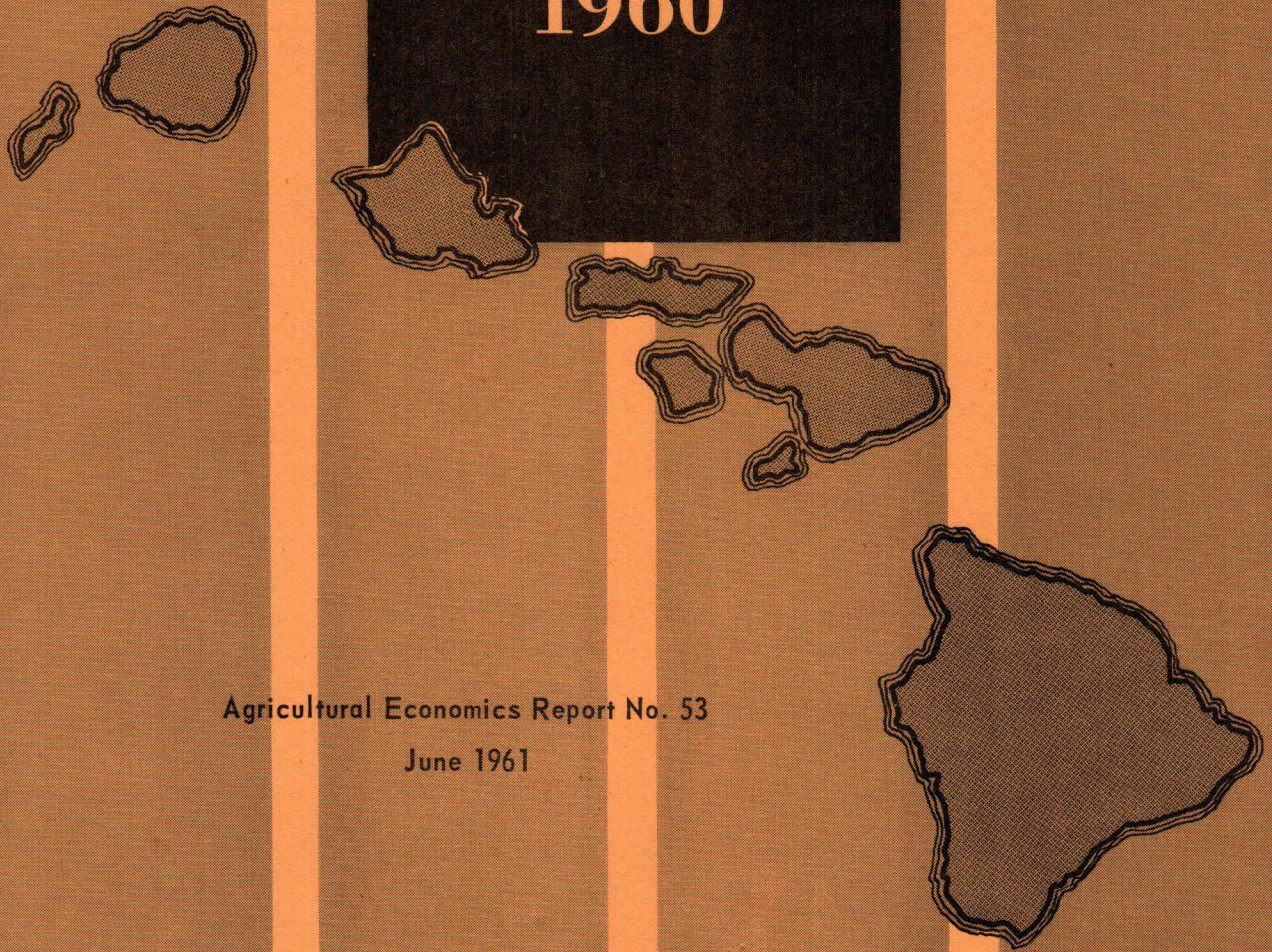


Statistics of Hawaiian Agriculture 1960

AGRICULTURAL ECONOMICS DEPARTMENT
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Honolulu, Hawaii 96822



Agricultural Economics Report No. 53

June 1961

HAWAII COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF HAWAII

Cooperative Extension Work in Agriculture and Home Economics; College of Tropical Agriculture, University of Hawaii
United States Department of Agriculture Cooperating; Y. Baron Goto, Director, Hawaii Agricultural Extension Service
Distributed in Furtherance of the Acts of Congress of May 8 and June 30, 1914

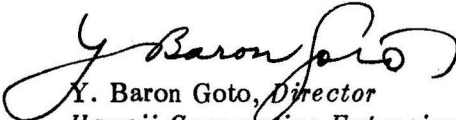
FOREWORD

The Statistics of Hawaiian Agriculture contains revised estimates of crop acreages and production and livestock numbers and production for 1960 originally published monthly in Agricultural Production and Outlook. Data for earlier years are also presented for those who wish to study historical trends. In addition, this publication carries estimates of prices, and value of production of agricultural commodities. Receipts and shipments of many selected agricultural products are also included.

This issue of Statistics of Hawaiian Agriculture is the last to be published under the supervision of the Cooperative Extension Service of the University of Hawaii. It is a part of a series of annual publications of basic agricultural data begun in 1936, at a time when there was no repository of agricultural statistics in Hawaii. The Cooperative Extension Service is proud that the statistical work of the Hawaii Crop and Livestock Reporting Service has grown and developed to the extent that today its monthly and annual reports are the authoritative source of data for governmental agencies, research departments of private firms, and business and agricultural enterprises.

The Cooperative Extension Service's work in crop and livestock reporting would not have been possible without the help of farmers, processors, and handlers of agricultural products, and various private and governmental agencies who supplied information voluntarily on their operations. We would like to thank all for their cooperation. We appreciate their help in furnishing us with the information needed and their patience in answering the questions put to them by our crop reporters.

To members of the Crop and Livestock Reporting Service, we wish to say ours has been a happy and fruitful relationship. We are very sorry indeed to see you separated from the Extension Service. We know that you will continue to serve the State of Hawaii as efficiently and effectively as in the past, by providing Hawaii's farmers and all persons and agencies interested in agriculture basic data needed to improve production, marketing, and planning for a sound long-range agricultural program for Hawaii.



Y. Baron Goto, Director
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STATISTICS OF HAWAIIAN AGRICULTURE

1960

Issued June 1961 by the
Hawaii Cooperative Crop and Livestock Reporting Service

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Cooperative Extension Work in
Agriculture and Home Economics

(Acts of May 8 and June 30, 1914)

Cooperative Extension Service, University of Hawaii
and United States Department of Agriculture Cooperating
Y. Baron Goto, Director

Cooperating with

United States Department of Agriculture
Statistical Reporting Service
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CONTENTS

	Page
HAWAIIAN AGRICULTURE 1960	4
SECTION I--GENERAL SUMMARIES	
Agricultural land utilization, 1951-60	6
Agricultural land utilization for diversified crops, by islands, 1960	6
Agricultural land utilization: Index numbers, State, 1951-60	7
Number of commercial-size enterprises, 1951-60	7
Number of commercial-size enterprises, by islands, 1960	8
Value of agricultural marketings, 1951-60	9
Value of agricultural marketings, by islands, 1960	11
Volume of agricultural marketings, 1951-60	12
Volume of agricultural marketings, by islands, 1960	14
Market supplies of selected agricultural products from all sources, State, 1951-60	15
Marketings: Index numbers, State, 1951-60	17
Market supplies from all sources: Index numbers, State, 1951-60	19
SECTION II--PRICES	
Selected agricultural products: Annual average prices received by farmers, State, 1951-60 and average 1947-49	20
Island vegetables, fruits, and miscellaneous crops: Annual average price per pound received by farmers, by islands, 1960	22
Island vegetables and fruits: Honolulu wholesale price per pound, by months, 1960	23
Island livestock and poultry products: Annual average prices received by farmers, by islands, 1960	24
Island beef: Monthly average Honolulu price per pound, dressed weight, 1960	25
Island pork cuts: Monthly average Honolulu wholesale price per pound, 1960	25
Poultry: Monthly average Honolulu wholesale price per pound, by origin and classes, 1960	26
Eggs: Monthly average Honolulu wholesale price per dozen, by origin, 1960	26
Prices received by farmers: Index numbers, State, 1951-60	27
Prices paid, prices received by farmers, and wholesale prices of all commodities: Index numbers, United States, 1951-60	29
Purchasing power of selected agricultural products: Index numbers, State, 1951-60	29
SECTION III--SHIPMENTS	
Fresh vegetables and fruits: Inshipments, by destination, 1960, totals 1956-59	30
Frozen vegetables, fruits, and fruit juices: Inshipments from the U. S. Mainland, by destination, 1960, totals 1956-59	31
Peanuts, rice and soybeans: Inshipments from all sources, by destination, 1960, totals 1956-59	33
Peanuts, rice and soybeans: Inshipments from all sources, by months, 1960	33
Feed grains and feedstuffs: Inshipments from all sources, by destination, 1960, totals 1956-59	34
Feed grains and feedstuffs: Inshipments from all sources, by months, 1960	36
Feed grains and feedstuffs: Imports from foreign countries, by months, 1960	37

Livestock: Inshipments from all sources, by months, 1960, totals 1956-59.....	37
Hatching eggs and chicks: Inshipments from all sources, by months, 1956-60.....	38
Specified dairy and poultry products, and meats: Inshipments from all sources, by destination, 1960, totals 1956-59.....	39
Outshipments of coffee and fresh fruits and vegetables, by months.....	40
Outshipments of processed fruits, vegetables, miscellaneous crops, and animal products, 1956-60.....	41

SECTION IV--DIVERSIFIED CROPS

Vegetables and fruits: Production and marketings, 1951-60.....	43
Vegetables, fruits, and miscellaneous crops: Acreage, production and value of marketings, State, average 1949-58, annual 1959-60.....	44
Vegetables, fruits, and miscellaneous crops: Acreage, production and value of marketings, by islands, 1960.....	46
Vegetables, fruits, and taro: Production, by months, 1960.....	48
Vegetables, fruits, and miscellaneous crops: Yield per acre, average 1949-58 and annual 1959-60.....	49

SECTION V--LIVESTOCK

Beef cattle: Acreage grazed, number on ranches, slaughter, and carcass value, 1951-60.....	50
Beef cattle: Ranches and numbers, January 1, 1961 and slaughter and carcass value, by islands, 1960.....	50
Dairies: Number of dairies and milk cows, milk marketed, slaughter and value of products, 1951-60.....	51
Dairies: Average number of cows, milk production per cow, milk marketed, slaughter and value of products, by islands, 1960.....	51
Dairies: Number of farms, by size and islands, January 1, 1961.....	52
Hogs: Numbers, slaughter and live weight value, 1951-60.....	52
Hogs: Numbers, January 1, 1961, slaughter, live weight value and pig crop, by islands, 1960.....	53
Hogs: Number of farms, by size of herd and islands, January 1, 1961.....	53
Chickens: Production, marketings and value of meat birds and eggs marketed, 1951-60.....	54
Chickens: Numbers on farms and annual rate of lay, 1951-60.....	54
Chickens: Number of farms, by size of flock, 1951-60.....	55
Chickens: Production, marketings and value of meat birds and eggs marketed, by islands, 1960.....	55
Chickens: Number of farms, by size of flock, by islands, January 1, 1961.....	56
Chickens: Number on farms January 1, 1961 and annual rate of lay, by islands, 1960.....	56
Honey and beeswax: Number of producers, colonies, production and value of products, 1951-60.....	57
Honey and beeswax: Number of producers, colonies, production and value of products, by islands, 1960.....	57

APPENDIX.....	58
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HAWAIIAN AGRICULTURE 1960

The value of Hawaii's agricultural products marketed in 1960 dropped 11 million dollars from the previous year to \$283,000,000. Sugar production was still reduced because of the 1958 strike and the value was about 20 million dollars less than for the years immediately before the strike. Value in 1960 was less than for the year before. The pineapple pack value in 1960 was 9 million dollars less than for the previous year. The values of diversified crops and of livestock and livestock products were each up about a million dollars in 1960.

Livestock and Livestock Products

The increase in value of marketings of livestock and livestock products for 1960 was accounted for by the dairy and poultry industries. The value of dairy sales was up 5 percent and of poultry sales, 10 percent. Prices for chickens and for eggs were down slightly but marketings were up especially for eggs. Milk prices were up slightly but most of the increase in value was due to increased production. Beef production was about the same in 1960 as the previous year but prices were lower. Hog prices also were lower in 1960 and despite increased production the value of marketings was less than the previous year.

The leader in the value of livestock marketings in 1960 was again the dairy industry at 11.0 million dollars. Second was the beef industry with 9.3 million dollars and a close third, the poultry industry with 8.4 million dollars. Hog sales had a value of 3.7 million dollars.

Oahu's value of livestock marketings in 1960 of 19.3 million dollars was 60 percent of the total for the State. Hawaii was second with 7.1 million dollars followed by Maui with 3.3 million dollars and Kauai with 2.5 million dollars. Oahu accounted for 83 percent of the State total value of dairy marketings, 78 percent of the hog total and 66 percent of the total for chickens and eggs. Hawaii led in the value of beef production with slightly over half of the total and was second for hogs and poultry and third for dairy products. Maui ranked second for beef and second for the dairy industry.

Diversified Crops

Marketings of diversified crops in 1960 were up nearly a million dollars in value from the previous year. About half of the increase came in the value of coffee marketings. Prices were down slightly but the crop was considerably larger than the previous year. The volume of marketings of vegetables and melons and of fruit were down from the previous year in 1960. However, prices were up enough so that values of marketings increased. Sales of macadamia nuts and the value of sales continued their uptrend.

Vegetables and melons, with sales of 4.6 million dollars, was well ahead of coffee with sales of 3.5 million dollars as the major diversified crop enterprise. Fruit ranked third with marketings valued at 1.4 million dollars.

First place in value of diversified crop marketings was held by the island of Hawaii with a total of 5.9 million dollars. Hawaii led in coffee production with a value of 3.5 million dollars and in production of macadamia nuts and was second in vegetable and melon production and in fruit production. Oahu held second place in

the State in value of crop marketings with a total of 2.9 million dollars. Oahu held first place in value of production of vegetables and melons and of fruit.

Land in Crops and Agricultural Enterprises

The acreage of land in crops in 1960 was up slightly from the previous year. Increases in land in sugar cane and pineapple more than offset a drop in acres of diversified crops. Acreages of all diversified crops were down in 1960 with the biggest drop in coffee acreage.

The total number of commercial diversified crop enterprises in 1960 was less than a year earlier. There were decreases for all enterprises except fruits and macadamia nuts. There was an increase in fruit enterprises and about the same number for macadamia nuts. The number of commercial livestock enterprises also decreased in 1960. The number of beef enterprises increased a little but the numbers of all other enterprises dropped.

State Market Supplies

Total market supplies of fresh vegetables and melons in 1960 were 2.3 million pounds less than the previous year. Most of the decrease was in inshipments. The items with major decreases were celery and potatoes but lettuce and tomato inshipments were also down by fairly large amounts. There were sizeable increases in local supplies of celery, green corn and lettuce that were about offset by decreases in green beans, cucumbers, tomatoes and watermelons. Market supplies of fresh fruit were also down in 1960. The total was down 3.1 million pounds with inshipments accounting for 2.5 million pounds of the decrease. Shipments of most fruits were down, with a drop of 1.5 million pounds for oranges and 0.3 million pounds for plums most important. A sharp drop in local supplies of papayas more than offset an increase in the supplies of bananas.

Supplies of eggs from local sources accounted for 84 percent of total supplies for the State in 1960 as shipments dropped and production increased. Local supplies of chicken also were a larger part of the total this year but were still only 40 percent of the total. Island production of pork increased in 1960 while inshipments dropped to give local supplies a larger share of the market. Supplies of Hawaii produced beef in 1960 were the same as a year earlier but inshipments increased.

Outshipments

Fresh pineapple shipments in 1960 totaled about 16 million pounds, 8 percent more than the previous year. Papaya shipments in 1960 were about half as large as a year earlier. Production was severely reduced by the volcanic eruption in the Puna area early in 1960. Green coffee shipments increased in 1960 to 9.6 million pounds. Exports to foreign areas amounted to 2.2 million pounds. Shipments of processed fruit products in 1960 dropped slightly from the year before.

SECTION I GENERAL SUMMARIES

Table 1.--Agricultural land utilization, 1951-60^{1/}

Year	Sugar ^{2/}	Pineapples ^{3/}	Diversified crops ^{4/}							Total all crops	Grazing lands ^{5/}	Forest reserve ^{6/}
			Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro	Total			
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	1,000 acres	1,000 acres	1,000 acres
1951	221,200	73,600	4,680 ^{7/}	1,760	3,400	2,210	170	870	13,090 ^{7/}	308	1,480	1,110
1952	222,000	73,500	4,690 ^{7/}	1,780	3,450	2,400	160	830	13,310 ^{7/}	309	1,485	1,065
1953	221,500	73,200	4,450 ^{7/}	1,790 ^{7/}	3,500	2,640	200	740	13,300 ^{7/}	308	1,510	1,058
1954	220,100	73,200	4,300 ^{7/}	1,840 ^{7/}	3,750	2,840	200	630	13,560 ^{7/}	307 ^{7/}	1,384	1,045
1955	218,800	76,700	4,440 ^{7/}	1,770 ^{7/}	4,960 ^{7/}	2,850	200	600	14,820 ^{7/}	310	1,044	1,200
1956	220,600	76,700	4,290 ^{7/}	2,000	5,130 ^{7/}	3,020	170	640	15,250 ^{7/}	313	1,022	1,200
1957	221,300	76,700	4,010 ^{7/}	2,160	5,750 ^{7/}	3,060	120 ^{7/}	620	15,720 ^{7/}	314	1,008	1,200
1958	221,700	74,800	3,760 ^{7/}	2,160	6,520	3,230	90	590	16,350 ^{7/}	313	1,019	1,200
1959	222,600	74,800	3,620 ^{7/}	2,300 ^{7/}	6,790	3,540	80	610 ^{7/}	16,940 ^{7/}	314	1,079	1,199
1960	224,600	75,000	3,440	2,140	6,190	3,520	70	530	15,890	315	1,075	1,196

1/ APPROXIMATE LAND AREA, STATE: 4,105,600 ACRES, 1959 U. S. CENSUS OF AGRICULTURE. 2/ TOTAL CANE LAND AREA DURING YEAR. HAWAII SUGAR PLANTERS' ASSOCIATION DATA. 3/ LAND AREA INCLUDING CROP AREA, CAMPSITES, ROADS, ETC., YEAR ENDING MAY 31. PINEAPPLE GROWERS ASSOCIATION OF HAWAII DATA. 4/ VEGETABLES AND RICE: ACREAGE HARVESTED DURING YEAR. TREE FRUITS AND TARO: AVERAGE ACREAGE IN CROP DURING YEAR. COFFEE: ACREAGE IN CROP, JANUARY 1; MACADAMIA NUTS: ACREAGE IN CROP, DECEMBER 31. 5/ LAND USED FOR PASTURE OR GRAZING OF BEEF CATTLE AND SHEEP, 1951-54; CATTLE ONLY, 1955-1960. 6/ STATE DEPARTMENT OF AGRICULTURE DATA. 7/ REVISED.

Table 2.--Agricultural land utilization for diversified crops, by islands, 1960^{1/}

Island	Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Hawaii.....	970	945	6,188	2,833	---	114	11,050
Kauai.....	116	92	---	189	68	212	677
Maui.....	915	108	---	356	---	81	1,460
Molokai.....	25	10	---	2	---	4	41
Oahu.....	1,419	987	---	135	---	115	2,656
Total.....	3,445	2,142	6,188	3,515	68	526	15,884

1/ ACRES HARVESTED FOR VEGETABLES AND RICE; ACRES IN CROP ON JANUARY 1 FOR COFFEE; DECEMBER 31 FOR MACADAMIA NUTS; AVERAGE ACRES IN CROP DURING YEAR FOR FRUITS AND TARO.

Table 3.--Agricultural land utilization: Index numbers, State, 1951-60
(1947-49 = 100)

Year	Sugar	Pineapples	Diversified crops	Total all crops	Range lands
1951	105	108	101	106 ^{1/}	92
1952	105	108	103	106 ^{1/}	92
1953	105	108	103 ^{1/}	106 ^{1/}	93
1954	105	108	104 ^{1/}	105 ^{1/}	86
1955	104	113	114 ^{1/}	106 ^{1/}	65
1956	105	113	118 ^{1/}	107 ^{1/}	63
1957	105	113	121 ^{1/}	108 ^{1/}	62
1958	105	110	126 ^{1/}	107 ^{1/}	63
1959	106	110	131 ^{1/}	108 ^{1/}	67
1960	107	110	122	108	67

^{1/} REVISED.

Table 4.--Number of commercial-size enterprises, 1951-60^{1/}

Year	Diversified crops						
	Vegetables and melons ^{2/}	Fruits ^{3/}	Coffee	Macadamia nuts	Rice	Taro	Total
	Number	Number	Number	Number	Number	Number	Number
1951	1,387	335	705	109	55	290	2,881
1952	1,301	408	706	110	53	280	2,858
1953	1,237	401	712	114	52	266	2,782
1954	1,262 ^{4/}	667 ^{4/}	906	131	52	270 ^{4/}	3,288 ^{4/}
1955	1,066 ^{4/}	744 ^{4/}	876	122	44	266 ^{4/}	3,118 ^{4/}
1956	826	983	994	161	25	247	3,236
1957	793	783	1,151 ^{4/}	180	28	225	3,160 ^{4/}
1958	780	765	1,160 ^{4/}	185	14	229	3,133 ^{4/}
1959	773	786	1,128 ^{4/}	215	16	233	3,151 ^{4/}
1960	762	809	1,108	216	11	202	3,108

Year	Livestock					
	Beef cattle	Dairy	Hogs	Chickens	Honey	Total
	Number	Number	Number	Number	Number	Number
1951	360	74	560	397 ^{4/}	27	1,418 ^{4/}
1952	405	75	588	375 ^{4/}	27	1,470 ^{4/}
1953	468	79	516	340 ^{4/}	27	1,430 ^{4/}
1954	440	85	419	329 ^{4/}	27	1,300 ^{4/}
1955	411	86	395	332 ^{4/}	29	1,253 ^{4/}
1956	386	89	358	306	27	1,166
1957	386	90	323	267	24	1,090
1958	375	90	307	247	20	1,039
1959	392 ^{4/}	82	297	225 ^{4/}	21	1,017 ^{4/}
1960	410 ^{5/}	80	284	202	18	994

- ^{1/} FOR DEFINITION OF "DIVERSIFIED" AND "COMMERCIAL-SIZE," SEE APPENDIX, PAGE 58.
- ^{2/} MELONS INCLUDED WITH FRUITS, 1951-55.
- ^{3/} 1951-55 DATA DO NOT INCLUDE INDEPENDENT PINEAPPLE ENTERPRISES.
- ^{4/} REVISED.
- ^{5/} TOTAL FARMS REPORTING BEEF CATTLE NUMBERED 625.

Table 5.--Number of commercial-size enterprises, by islands, 1960 ^{1/}

Island	Diversified crops						
	Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro	Total
	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>
Hawaii.....	195	229	1,108	182	---	72	1,786
Kauai.....	62	90	---	20	11	50	233
Maui.....	149	190	---	9	---	49	397
Molokai.....	11	12	---	1	---	2	26
Oahu.....	345	288	---	4	---	29	666
State.....	762	809	1,108	216	11	202	3,108

Island	Livestock					
	Beef Cattle	Dairy	Hogs	Chickens	Honey	Total
	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>
Hawaii.....	180	15	41	69	5	310
Kauai/Niihau.....	50	6	37	25	2	120
Maui.....	93	5	34	17	7	157
Molokai/Lanai.....	46	1	11	3	1	61
Oahu.....	41	53	161	88	3	346
State.....	410 ^{2/}	80	284	202	18	994

^{1/} FOR DEFINITION OF "DIVERSIFIED" AND "COMMERCIAL-SIZE," SEE APPENDIX, PAGE 58.

^{2/} TOTAL FARMS REPORTING BEEF CATTLE NUMBERED 625.

Table 6.--Value of agricultural marketings, 1951-60

Year	All agricultural marketings					
	Sugar products ^{1/}	Processed pineapple products ^{2/}	Diversified crops	Livestock products	Diversified crops and livestock products	All agricultural products
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1947-49 avg.	113,421	79,000	7,581	19,376	26,957	219,378
1951	137,890	91,000	9,203	23,545	32,748	261,638
1952	140,370	92,000	9,425	24,354	33,779	266,149
1953	149,880	108,000	9,676	23,016	32,692	290,572
1954	141,000	103,000	10,546	24,156	34,702	278,702
1955	145,500	110,000	11,804	25,399	37,203	292,703
1956	148,000	117,000	11,431	26,541	37,972	302,972
1957	146,000	110,000	12,078	27,976	40,054	296,054
1958	105,000	124,000	13,457	30,925	44,382	273,382
1959	131,000	122,000	9,649	31,486 ^{3/}	41,135	294,135
1960	127,000	113,000	10,564	32,460	43,024	283,024

Year	Diversified crops ^{4/}						
	Vegetables and melons	Fruits ^{5/}	Coffee (parchment) ^{6/}	Macadamia nuts. (in shell)	Rice (milled)	Taro (for processing)	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1947-49 avg.	4,107	1,020	1,533	116 ^{3/}	156	649	7,581
1951	3,922	871	3,459	144	120	687	9,203
1952	3,959	1,029	3,658	165	93	521 ^{3/}	9,425
1953	3,975	1,071	3,930	165 ^{3/}	116	419	9,676
1954	3,917	1,146	4,803	159	105	416 ^{3/}	10,546
1955	4,191	1,207	5,666	162	98	480 ^{3/}	11,804
1956	4,384	1,253	5,001	189	77	527	11,431
1957	4,377	1,274	5,613	248	66	500	12,078
1958	4,643	1,385	6,548	339	53	489	13,457
1959	4,355	1,317	2,961	384	40	592 ^{3/}	9,649
1960	4,593	1,369	3,488	480	40	594	10,564

CONTINUED

Table 6.--Value of agricultural marketings, 1951-60--Continued

Year	Livestock products					
	Beef ^{4/}	Dairy, meat and milk ^{2/}	Hogs ^{4/}	Chickens and eggs ^{8/}	Honey and beeswax ^{2/}	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1947-49 avg.	6,155	6,147	3,228	3,767	79	19,376
<i>1950</i>	<i>6,482</i>	<i>6,788</i>	<i>3,662</i>	<i>3,123</i>	<i>67</i>	<i>17,028</i>
1951	7,495	7,837	3,470	4,661	82	23,545
1952	7,413	7,864	3,951	5,067	59	24,354
1953	5,596	7,788	3,853	5,769	10	23,016
1954	6,448	7,761	3,980	5,930	37	24,156
1955	7,207	8,090	3,833	6,236	33	25,399
1956	7,045	9,015	3,628	6,815	38	26,541
1957	7,730	9,394	3,654	7,153	45	27,976
1958	8,880	10,386	3,872	7,748	39	30,925
1959	9,603	10,460	3,731	7,656 ^{3/}	36	31,486 ^{3/}
1960	9,342	10,953	3,687	8,448	30	32,460

1/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION DATA; INCLUDES 96⁰ RAW SUGAR DELIVERED AT COAST REFINERY, MOLASSES, BAGASSE AND OTHER BY-PRODUCTS.

2/ BANK OF HAWAII DATA; CROP YEAR ENDING MAY 31; INCLUDES CANNED FRUIT, JUICE AND INDUSTRY BY-PRODUCTS SHIPPED OUT.

3/ REVISED.

4/ BASED ON PRICES RECEIVED BY FARMERS.

5/ PINEAPPLES FOR FRESH MARKET EXCLUDED.

6/ CROP YEAR ENDING JUNE 30.

7/ MEAT: BASED ON PRICES RECEIVED BY FARMERS. MILK: BASED ON PRICES RECEIVED BY FARMERS, DELIVERED BOTTLING PLANT FOR 1947-49 AND 1951-57; ON PRICES RECEIVED FOR BULK MILK DELIVERED BOTTLING PLANT AND BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS FOR 1958-60.

8/ BASED ON: WHOLESALE PRICES FOR 1947-49 AND 1950-57; PRICES RECEIVED BY FARMERS FOR 1958-60.

9/ BASED ON: F.A.S. ISLAND PORT PRICES FOR 1947-49 AND 1950-57; PRICES RECEIVED BY FARMERS FOR 1958-60.

1950

1950 1951
meat \$ 339 \$ 489
milk \$ 6,352 \$ 7,306

Table 7.--Value of agricultural marketings, by islands, 1960^{1/}

Island	Diversified crops						Total
	Vegetables and melons	Fruits ^{2/}	Coffee, parchment	Macadamia nuts (in shell)	Rice, milled	Taro (for processing)	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Hawaii.....	1,257	575	3,488	453	---	134	5,907
Kauai.....	249	56	---	10	40	266	621
Maui.....	910	63	---	3	---	102	1,078
Molokai.....	29	8	---	---	---	1	38
Oahu.....	2,148	667	---	14	---	91	2,920
State.....	4,593	1,369	3,488	480	40	594	10,564

Island	Livestock					Total
	Beef	Dairy, meat and milk ^{3/}	Hogs	Chickens and eggs	Honey and beeswax	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Hawaii.....	4,795	586	364	1,307	19	7,071
Kauai/Niihau.....	919	545	176	891	6 ^{4/}	2,537 ^{5/}
Maui.....	1,718	715 ^{4/}	233	624	2	3,292
Molokai/Lanai.....	203	6 ^{6/}	23	17	7 ^{7/}	243 ^{8/}
Oahu.....	1,707	9,107	2,891	5,609	3	19,348
State.....	9,342	10,953	3,687	8,448	30	32,460

^{1/} BASED ON PRICES RECEIVED BY FARMERS.

^{2/} PINEAPPLES FOR FRESH MARKET EXCLUDED.

^{3/} VALUE OF MILK IS FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS.

^{4/} DATA COMBINED WITH MOLOKAI TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

^{5/} VALUE OF HONEY AND BEESWAX FOR MOLOKAI INCLUDED.

^{6/} DATA INCLUDED WITH MAUI.

^{7/} DATA INCLUDED WITH KAUAI/NIIHAU

^{8/} VALUE OF HONEY AND BEESWAX EXCLUDED.

Table 8.--Volume of agricultural marketings, 1951-60

Year	Crops					Total vegetables, melons and fruits
	Sugar, raw 96 ^o 1/	Pineapples 2/		Vegetables and melons 3/	Fruits 3/4/	
		Processed fruit	Juice			
	Tons	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds
1947-49 avg.	887,728	11,778	9,305	47,155 5/	16,202	63,357 5/
1951	995,759	15,098	12,354	44,159 5/	13,415 5/	57,574 5/
1952	1,020,450	14,690	10,197	47,240 5/	15,750 5/	62,990 5/
1953	1,099,316	16,915	12,561	47,040 5/	18,320 5/	65,360 5/
1954	1,077,347	16,581	12,830	46,245 5/	18,720 5/	64,965 5/
1955	1,140,112	16,399	13,014	51,533 5/	17,900 5/	69,433 5/
1956	1,099,543	18,613	12,224	46,935 5/	19,025 5/	65,960 5/
1957	1,084,646	17,992	12,795	48,148 5/	23,095 5/	71,243 5/
1958	764,953	16,798	10,472	49,730 5/	23,232 5/	72,962 5/
1959	974,632	17,677	20,720 6/	48,247 5/	22,488 5/	70,735 5/
1960	935,744	17,287	16,852 6/	47,855	20,840	68,695
Crops--Continued						
Year	Coffee, parchment 2/	Macadamia nuts (in shell) 3/	Rice (milled)	Taro		
				(for processing)		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		
1947-49 avg.	8,246	687	723	13,570		
1951	9,375	850	745	11,830		
1952	9,625	965	580	11,640		
1953	10,288	970	685	11,120		
1954	10,330	930	615	10,825 5/		
1955	12,425	903	560	9,560 5/		
1956	10,872	1,027 5/	480	10,345		
1957	11,136	1,329	410	10,285		
1958	18,496	1,832	327	9,565		
1959	10,634	2,112	244	10,220		
1960	12,999	2,616	221	9,706		

Year	Livestock							
	Beef	Dairy		Hogs	Chickens ^{2/}		Bee products	
	Slaughter ^{8/}	Slaughter ^{8/}	Milk	Slaughter	Slaughter	Eggs	Honey (extracted)	Beeswax
	Number	Number	1,000 quarts	Number	1,000 birds	1,000 dozens	1,000 pounds	1,000 pounds
1947-49 avg.	33,860	5,140	31,769	43,500	367	2,976	749	13
1951	33,400	3,070	38,436	60,200	740	3,935	888	13
1952	33,650	2,620	37,242	66,900	793	4,753	584	7
1953	30,030	1,770	40,242	78,700	807	5,244	68	6
1954	34,350	2,030	40,505	76,400	924	5,838	332	7
1955	36,430	2,170	41,922	70,250	1,003	6,405	262	8
1956	38,030	2,810	46,788	73,000	1,044	7,704	307	6
1957	39,730	3,230	50,667	74,030	1,177	8,668	377	8
1958	43,260	3,670	52,841	73,390	1,213	8,975	352	6
1959	43,790	3,290	52,082	66,530	1,336	9,479	295	6
1960	42,720	3,420	54,014	70,060	1,423	10,700	243	4

1/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION DATA.

2/ PINEAPPLE GROWERS' ASSOCIATION DATA; CROP YEAR ENDING MAY 31.

3/ EXCLUDES QUANTITIES NOT HARVESTED BECAUSE OF MARKET CONDITIONS.

4/ EXCLUDES PINEAPPLES FOR FRESH MARKET.

5/ REVISED.

6/ INCLUDES CONCENTRATED PINEAPPLE JUICE IN EQUIVALENT 24/2 CASES, SINGLE STRENGTH BASIS.

7/ CROP YEAR ENDING JUNE 30.

8/ CATTLE AND CALVES.

9/ EXCLUDES QUANTITIES CONSUMED AT HOME OR OTHERWISE NOT MARKETED.

Table 9.--Volume of agricultural marketings, by islands, 1960

Island	Diversified crops ^{1/}					
	Vegetables and melons	Fruits ^{2/}	Coffee, parchment	Macadamia nuts (in shell)	Rice, milled	Taro (for processing)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Hawaii	13,635	9,265	12,999	2,460	---	1,976
Kauai	1,955	765	---	55	221	4,360
Maui	13,750	975	---	16	---	1,700
Molokai	270	105	---	---	---	20
Oahu	18,245	9,730	---	85	---	1,650
State	47,855	20,840	12,999	2,616	221	9,706

Island	Livestock						
	Beef cattle, slaughter ^{3/}	Dairy		Hogs, slaughter	Chickens		Honey
		Cattle slaughter ^{3/}	Milk		Meat	Eggs	
	Number	Number	1,000 quarts	Number	1,000 birds	1,000 dozens	1,000 pounds
Hawaii	22,680	360	2,837	6,590	172	1,828	122
Kauai/Niihau	4,100	120	1,982	2,880	120	1,173	76 ^{4/}
Maui	7,680	160 ^{4/}	2,441	4,460	72	778	25
Molokai/Lanai	1,040	5 ^{5/}	---	400	3	12	5 ^{6/}
Oahu	7,220	2,780	46,754	55,730	1,056	6,909	20
State	42,720	3,420	54,014	70,060	1,423	10,700	243

- 1/ EXCLUDES QUANTITIES NOT HARVESTED BECAUSE OF MARKET CONDITIONS.
- 2/ EXCLUDES PINEAPPLES FOR FRESH MARKET.
- 3/ INCLUDING CALVES.
- 4/ DATA COMBINED WITH MOLOKAI TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.
- 5/ DATA INCLUDED WITH MAUI.
- 6/ DATA INCLUDED WITH KAUAI/NIIHAU.

Table 10.--Market supplies of selected agricultural products from all sources, State,
average 1947-49, annual 1951-60

Year	Fresh vegetables and fruits ^{1/}								
	Vegetables and melons			Fruits			Total vegetables and fruits		
	Inshipments	Hawaii	Total	Inshipments	Hawaii	Total	Inshipments	Hawaii	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1947-49 avg.	37.7	47.1 ^{2/}	84.8 ^{2/}	26.4	16.2	42.6	64.1	63.3 ^{2/}	127.4 ^{2/}
1951	41.6	44.2 ^{2/}	85.8 ^{2/}	29.9	13.1	43.0	71.5	57.3 ^{2/}	128.8 ^{2/}
1952	32.7	47.2 ^{2/}	79.9	23.8	15.4 ^{2/}	39.2 ^{2/}	56.5	62.6 ^{2/}	119.1 ^{2/}
1953	39.6	47.0 ^{2/}	86.6 ^{2/}	26.3	17.5 ^{2/}	43.8 ^{2/}	65.9	64.5 ^{2/}	130.4 ^{2/}
1954	43.2	46.2 ^{2/}	89.4 ^{2/}	27.6	16.9 ^{2/}	44.5 ^{2/}	70.8	63.1 ^{2/}	133.9 ^{2/}
1955	39.8	51.1 ^{2/}	90.9 ^{2/}	25.7	16.9 ^{2/}	42.6 ^{2/}	65.5	68.0 ^{2/}	133.5 ^{2/}
1956	48.0	46.5 ^{2/}	94.5 ^{2/}	28.2	17.4	45.6	76.2	63.9 ^{2/}	140.1 ^{2/}
1957	47.6	47.7 ^{2/}	95.3 ^{2/}	26.9	20.6	47.5	74.5	68.3 ^{2/}	142.8 ^{2/}
1958	49.3	49.4 ^{2/}	98.7 ^{2/}	25.6	20.8 ^{2/}	46.4 ^{2/}	74.9	70.2 ^{2/}	145.1 ^{2/}
1959	46.8	47.8 ^{2/}	94.6 ^{2/}	26.3	20.4 ^{2/}	46.7 ^{2/}	73.1	68.2 ^{2/}	141.3 ^{2/}
1960	44.9	47.4	92.3	23.8	19.8	43.6	68.7	67.2	135.9

Year	Fresh and frozen meats							
	Beef and veal ^{2/}			Pork			Lamb and mutton ^{6/}	Total supply, all red meats
	Inshipments	Hawaii	Total	Inshipments ^{4/}	Hawaii ^{5/}	Total	Inshipments	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
1947-49 avg.	7.8	17.9	25.7	5.2	5.8	11.0	0.6	37.3
1951	5.2	17.9	23.1	6.1	7.1	13.2	0.7	37.0
1952	7.5	18.3	25.8	5.9	8.3	14.2	0.8	40.8
1953	13.4	14.9	28.3	5.0	9.9	14.9	0.9	44.1
1954	15.1	17.9	33.0	5.6	9.3	14.9	1.1	49.0
1955	15.4	20.4	35.8	6.6	8.6	15.2	0.9	51.9
1956	17.6	21.4	39.0	7.7	9.3	17.0	1.1	57.1
1957	18.0	22.8	40.8	6.8	9.0	15.8	1.1	57.7
1958	16.5	24.0	40.5	6.9	8.8	15.7	1.2	57.4
1959	18.7	24.7	43.4	8.4	8.2	16.6	1.3	61.3
1960	20.1	24.7	44.8	7.9	8.8	16.7	1.2	62.7

CONTINUED

Table 10.--Market supplies of selected agricultural products from all sources, State, average 1947-49, annual 1951-60--Continued

Year	Fresh milk and poultry products									
	Milk	Chickens ^{2/}			Turkeys ^{2/}		Total poultry meat	Eggs		
	Hawaii	Inshipments	Hawaii	Total	Inshipments		Inshipments	Hawaii	Total	
	Million quarts	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	1,000 dozens	1,000 dozens	1,000 dozens	
1947-49 avg...	31.7	2.1	1.0	3.1	0.5	3.6	2,238	2,976 ^{2/}	5,214 ^{2/}	
1951.....	38.4	3.3	1.8	5.1	0.8	5.9	2,392	3,935	6,327	
1952.....	37.2	2.7	1.8	4.5	1.0	5.5	2,433	4,753	7,186	
1953.....	40.2	2.9	2.2	5.1	1.6	6.7	2,499	5,244	7,743	
1954.....	40.5	3.4	2.5	5.9	1.5	7.4	2,791	5,838	8,629	
1955.....	41.9	3.5	2.8	6.3	1.9	8.2	2,921	6,405	9,326	
1956.....	46.8	4.5	2.8	7.3	2.5	9.8	2,515	7,704	10,219	
1957.....	50.7	5.2	3.2	8.4	2.2	10.6	2,304	8,668	10,972	
1958.....	52.8	5.4	3.4 ^{2/}	8.8 ^{2/}	2.5	11.3 ^{2/}	2,271	8,975	11,246	
1959.....	52.1	6.2	3.7 ^{2/}	9.9 ^{2/}	2.5	12.4 ^{2/}	2,499	9,479	11,978	
1960.....	54.0	6.2	4.1	10.3	2.7	13.0	1,992	10,700	12,692	

- ^{1/} EXCLUDING SOME PRODUCTS OF MINOR IMPORTANCE, AND PINEAPPLE; QUANTITIES SHIPPED OUT OF STATE ARE EXCLUDED.
^{2/} REVISED.
^{3/} INCLUDING DAIRY CATTLE AND CALVES.
^{4/} INCLUDING LIVE HOGS SHIPPED INTO THE STATE.
^{5/} SHIPPER-DRESSED WEIGHT.
^{6/} PRODUCTION IN HAWAII IN MOST YEARS UNDER 100,000 POUNDS.
^{7/} Eviscerated basis.

Table 11.--Marketings: Index numbers, State, 1951-60^{1/}

(1947-49 = 100)

Year	Sugar raw, 96°	Processed pineapple products ^{2/}	Coffee, parchment	Macadamia nuts	Honey
1951	112	130	114	124	119
1952	115	118	117	141	78
1953	124	140	125	141	9
1954	121	139	125	135	44
1955	128	140	151	131	35
1956	124	146	132	150	41
1957	122	146	135	194	50
1958	86	129	224	267	47
1959	110	182	129	308	39
1960	105	162	158	381	32

SEE FOOTNOTES AT END OF TABLE, PAGE 18.

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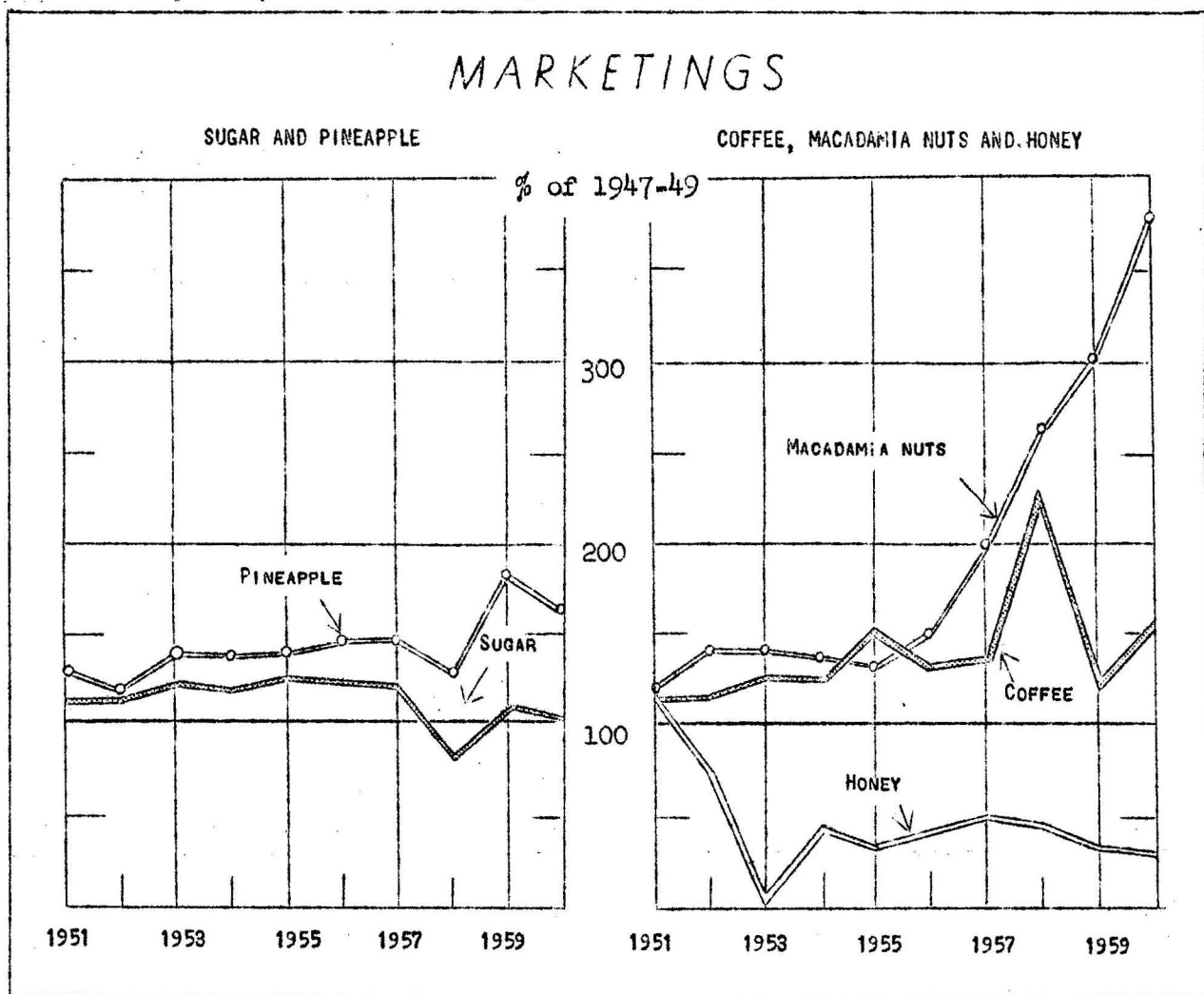


Table 11.--Marketings: Index numbers, State, 1951-60--Continued^{1/}
(1947-49 = 100)

Year	Vegetables and melons	Fruits ^{2/}	Total vegetables, melons and fruits	Rice	Taro	Beef and veal	Pork	All red meats	Milk	Chickens	Eggs
1951	94	83 ^{4/}	91	103	87	100	122	105	121	180	132
1952	100	97	99	80	86	102	143	112	117	180	160
1953	100 ^{4/}	113 ^{4/}	103 ^{4/}	95	82	83	171	105	127	220	176
1954	98 ^{4/}	116 ^{4/}	103 ^{4/}	85	80 ^{4/}	100	160	115	128	250	196
1955	109 ^{4/}	110 ^{4/}	110 ^{4/}	77	70 ^{4/}	114	148	122	132	280	215
1956	100 ^{4/}	117	104	66	76	120	160	130	148	280	259
1957	102	143 ^{4/}	112	57	76	127	155	134	160	320	291
1958	105	143 ^{4/}	115	45	70	134	152 ^{4/}	138	167	340 ^{4/}	302
1959	102	139 ^{4/}	112 ^{4/}	34	75	138	141	139	164	370 ^{4/}	319
1960	102	129	108	31	71	138	152	141	170	410	360

^{1/} FOR QUANTITIES OF CROPS, SEE TABLE 8; FOR QUANTITIES OF LIVESTOCK AND POULTRY PRODUCTS, SEE TABLE 10.
^{2/} CANNED FRUIT AND JUICE.
^{3/} EXCEPT PINEAPPLES.
^{4/} REVISED.

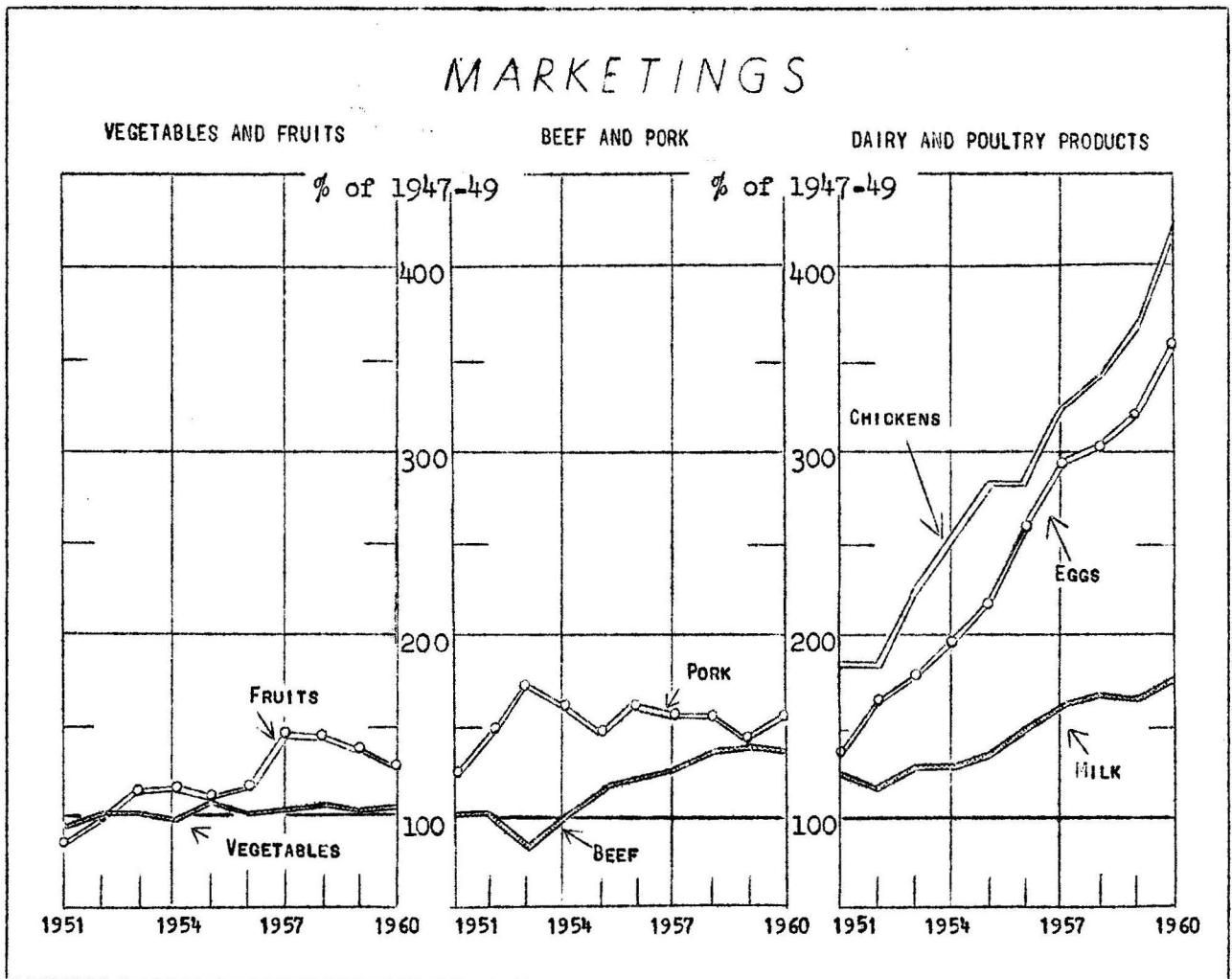
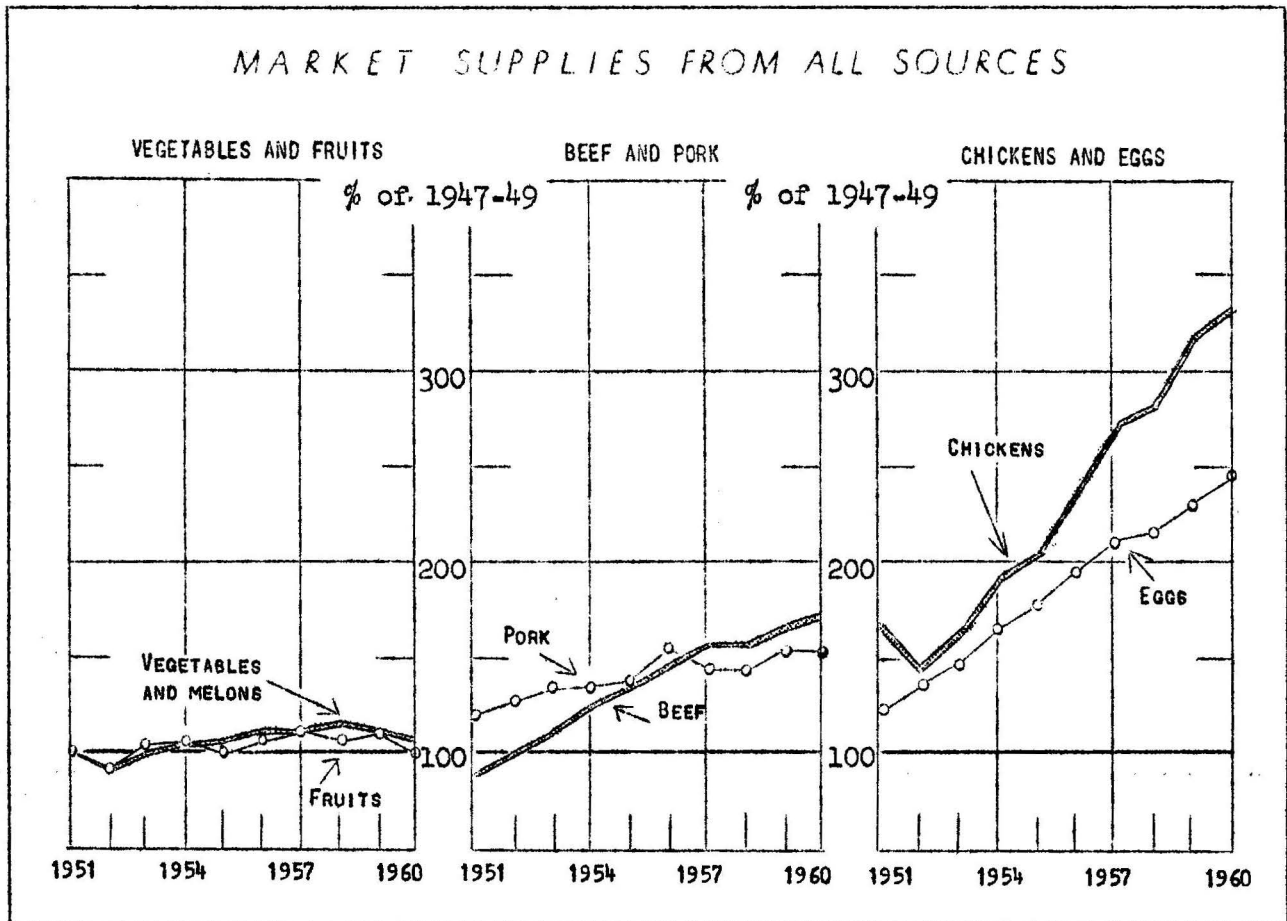


Table 12.--Market supplies from all sources: Index numbers, State, 1951-60^{1/}
(1947-49 = 100)

Year	Vegetables and melons	Fruits	Total vegetables, melons and fruits	Beef and veal	Pork	All red meats	Chickens	Eggs
1951	101	101	101	90	120	99	165	121
1952	94	92	93	100	129	109	145	138
1953	102	103 ^{2/}	102	110	135	118	165	149
1954	105	104	105 ^{2/}	128	135	131	190	165
1955	107 ^{2/}	100	105 ^{2/}	139	138	139	203	179
1956	111	107	110	152	155	153	235	196
1957	112	112 ^{2/}	112	159	144	155	271	210
1958	116	109 ^{2/}	114 ^{2/}	158	143	154	284 ^{2/}	216
1959	112	110 ^{2/}	111 ^{2/}	169	151	164	319 ^{2/}	230
1960	109	102	107	174	152	168	332	243

^{1/} FOR QUANTITIES, SEE TABLE 10.

^{2/} REVISED.



SECTION II PRICES

Table 13.--Selected agricultural products: Annual average prices received by farmers, State, 1951-60 and average 1947-49 1/2

Year	Vegetables and melons					
	Snap beans	Broccoli	Head cabbage	Oriental cabbage	Carrots	Cucumbers
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
1947-49 avg.	12.4	13.3	4.2	8.6	7.3	10.5
<i>1950</i>	<i>12.7</i>	<i>13.1</i>	<i>3.1</i>	<i>8.7</i>	<i>8.7</i>	<i>10.2</i>
1951	14.2	16.8	3.6	10.1	5.1	10.7
1952	13.1	15.5	3.3	9.0	6.5	8.8
1953	11.8	16.1	4.8	8.6	5.6	9.1
1954	12.7	16.3	3.3	8.6	5.4	9.0
1955	12.4	14.0	3.4	8.3	6.1	8.3
1956	14.9	14.6	4.8	9.0	6.7	9.7
1957	15.1	15.6	3.8	8.5	6.6	9.9
1958	14.8	16.5	4.1	7.7	6.8	10.2
1959	15.7	15.0	3.0	8.3	6.1	8.9
1960	19.6	16.8	4.0	8.8	6.5	10.5

Year	Vegetables and melons--Continued				
	Lettuce	Dry onions	Sweet peppers	Tomatoes	Watermelons
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
1947-49 avg.	8.7	7.1	20.7	11.1	10.1
<i>1950</i>	<i>8.4</i>	<i>8.7</i>	<i>17.1</i>	<i>12.3</i>	<i>7.7</i>
1951	9.8	6.9	22.0	12.7	7.3
1952	8.7	10.1	16.3	11.5	6.9
1953	8.5	4.5	15.2	11.1	7.6
1954	9.5	4.9	13.3	12.4	8.1
1955	8.3	5.8	13.2	11.4	6.4
1956	9.8	6.8	15.1	13.0	8.5
1957	8.8	7.4	14.0	12.5	8.2
1958	8.8	8.6	14.5	11.6	7.7
1959	9.9	8.7	13.6	12.2	8.0
1960	9.7	6.0	15.5	13.6	9.1

SEE FOOTNOTES AT END OF TABLE, PAGE 21.

CONTINUED

Table 13.--Selected agricultural products: Annual average prices received by farmers, State, 1951-60 and average 1947-49--Continued 1/

Year	Fruits			Miscellaneous crops			
	Avocados	Bananas	Papayas	Coffee, parchment	Macadamia nuts	Rice	Taro
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
1947-49 avg.	9.6	6.5	5.1	18.6	16.9 ^{2/}	21.5 ^{2/}	4.8
1950	9.3	7.2	4.2	14.1	17.6	15.2	4.5
1951	9.7	7.4	4.8	36.9	16.9 ^{2/}	16.1	5.8
1952	9.1	6.7	5.7	38.0	17.1 ^{2/}	16.0 ^{2/}	4.5
1953	9.4	6.5	4.7	38.2	16.9 ^{2/}	16.9 ^{2/}	3.8
1954	9.1	6.8	5.2	46.5	17.1 ^{2/}	17.1 ^{2/}	3.8 ^{2/}
1955	8.8	6.5	6.4	45.6	17.9	17.5	5.0
1956	8.2	6.8	6.2	46.0	18.4	16.0	5.1
1957	7.4	5.7	5.0	50.4	18.7 ^{2/}	16.1 ^{2/}	4.9
1958	7.2	6.8	5.3	35.4	18.5	16.2	5.1
1959	6.1	7.1	5.0	27.8	18.2	16.4	5.8
1960	7.0	6.8	6.2	26.8	18.3	18.1	6.1
	Livestock products						
Year	Beef	Milk ^{3/}	Hogs (live weight)	Chickens (live weight) ^{4/}	Eggs ^{4/}	Honey ^{5/}	
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	
1947-49 avg.	37.2	17.7	42.0	60.3	97.3	10.3	
1951	44.4	19.2	37.0	53.8	81.9	8.5	
1952	43.8	19.5	36.0	47.4	78.3	9.5	
1953	39.7	18.6	29.7	51.2	77.0	10.4	
1954	37.6	18.5	32.4	47.6	70.6	10.3	
1955	36.5	18.7	34.0	45.0	67.3	11.2	
1956	34.5	18.5	29.7	44.3	63.9	11.5	
1957	35.8	17.7	30.9	41.3	58.7	10.8	
1958	39.5	18.6	33.5	38.6 ^{2/}	65.7	10.1	
1959	41.1	19.0	34.7	36.0 ^{2/}	61.3	11.3	
1960	40.1	19.2	31.7	35.7	60.1	11.4	

1/ PRICES ARE PER POUND EXCEPT MILK, PER QUART AND EGGS, PER DOZEN.

2/ REVISED.

3/ PRICES ARE FOR BULK MILK DELIVERED BOTTLING PLANT FOR 1947-49 AVERAGE AND FOR 1951-57; FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS FOR 1958-60.

4/ WHOLESALE PRICES FOR 1947-49 AVERAGE AND FOR 1951-57.

5/ F. A. S. ISLAND PORT PRICES FOR 1947-49 AVERAGE AND FOR 1951-57.

Table 14.--Island vegetables, fruits and miscellaneous crops:
Annual average price per pound received by farmers, by islands, 1960

Commodity	Hawaii	Kauai	Maui	Molokai	Oahu
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
<u>Vegetables and melons</u>					
Beans, snap.....	19.4	18.7	17.6	---	19.9
Broccoli.....	16.5	---	14.3	---	17.3
Burdock.....	18.3	---	---	---	---
Cabbage, head.....	4.1	6.7	3.9	---	5.5
Cabbage, Chinese.....	8.2	12.0	8.7	---	---
Cabbage, mustard.....	10.0	---	10.0	---	8.9
Carrots.....	6.9	---	6.4	---	---
Cauliflower.....	---	---	9.1	---	---
Celery.....	8.1	---	10.0	---	---
Corn, green.....	7.1	---	7.1	8.0	8.3
Cucumbers.....	8.9	11.8	9.5	10.0	11.8
Daikon.....	4.2	---	5.3	---	6.2
Dasheens.....	18.8	---	---	---	---
Eggplant.....	13.3	10.9	10.0	10.0	10.4
Ginger root.....	19.8	---	---	---	19.6
Lettuce.....	8.8	---	10.0	---	10.6
Lotus root.....	---	---	---	---	21.0
Onions, dry.....	---	---	5.4	---	8.0
Onions, green.....	13.3	---	---	---	14.9
Peppers, sweet.....	16.0	15.5	14.2	---	15.9
Potatoes.....	6.0	6.7	8.1	---	---
Pumpkins.....	6.7	---	7.6	---	10.0
Squash, Italian.....	11.6	---	10.8	---	---
Sweetpotatoes.....	7.1	9.1	6.7	---	9.9
Tomatoes.....	13.7	15.0	12.6	14.1	14.1
Watercress.....	---	---	---	---	12.8
Cantaloups.....	---	---	---	13.3	15.6
Watermelons.....	8.8	9.0	10.2	7.3	9.0
<u>Fruits</u>					
Avocados.....	6.8	8.0	7.3	---	8.6
Bananas.....	7.3	7.2	6.2	7.5	6.7
Oranges.....	6.3	---	---	---	---
Papayas.....	5.5	8.7	6.3	8.0	7.0
Tangerines.....	10.8	---	---	---	---
<u>Miscellaneous crops</u>					
Coffee, parchment.....	26.8	---	---	---	---
Macadamia nuts, in shell.....	18.4	18.5	18.0	---	16.8
Rice, milled.....	---	18.1	---	---	---
Taro (for processing).....	6.8	6.1	6.0	6.0	5.5

TABLE 15.--ISLAND VEGETABLES AND FRUITS: HONOLULU WHOLESALE PRICE PER POUND, BY MONTHS, 1960, ANNUAL 1959 1/

COMMODITY	GRADE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVERAGE	
														1960	1959
CENTS															
BEANS, SNAP	HAWAII No. 1	35.5	19.0	24.8	21.2	26.0	29.0	27.1	24.8	28.2	27.1	28.9	29.1	26.7	22.7
BROCCOLI	Do.	24.8	19.7	20.3	19.0	20.0	21.5	24.0	24.0	24.0	24.0	24.0	24.0	22.4	20.6
BURDOCK	Do.	25.4	24.0	23.5	21.5	21.5	21.5	21.5	26.5	26.5	26.5	26.5	29.0	24.5	29.0
CABBAGE, HEAD	Do.	8.5	7.3	4.2	4.5	4.2	3.7	5.5	8.3	6.9	7.4	7.9	7.1	6.3	5.3
CABBAGE, CHINESE		10.1	9.1	11.4	11.0	12.5	16.1	14.6	15.1	15.2	12.2	16.5	15.8	13.3	12.3
CABBAGE, MUSTARD (KAI CHOI)		13.0	8.1	9.9	12.4	11.1	13.5	14.8	14.3	9.1	10.8	13.6	9.0	11.6	10.4
CABBAGE, MUSTARD (PAK CHOI)		12.6	7.7	8.4	9.0	9.0	9.0	11.0	11.0	11.0	11.0	11.0	11.0	10.1	9.8
CARROTS, TOPPED	Do.	9.6	9.5	8.0	8.0	8.3	8.5	8.5	9.3	8.5	8.5	---	8.5	8.7	7.5
CAULIFLOWER	Do.	13.6	11.6	10.7	9.1	14.4	14.9	16.4	13.5	13.6	16.0	16.4	16.5	13.9	14.5
CELERY	Do.	11.8	13.5	13.6	11.5	11.0	11.0	11.0	11.0	11.5	11.5	11.5	11.5	11.7	11.3
CORN, GREEN	Do.	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.9
CUCUMBERS	Do.	24.7	24.4	26.3	17.4	8.9	8.7	10.3	10.8	16.1	15.9	19.7	15.4	16.6	13.8
DAIKON, BUNCHED		8.5	7.4	7.5	8.0	8.1	7.4	7.8	7.7	7.5	7.9	8.0	7.4	7.8	8.0
DASHEENS		21.5	26.5	26.5	26.5	26.5	26.5	28.4	28.0	23.4	21.5	21.5	27.1	25.3	22.9
EGGPLANT, LONG		18.6	18.6	14.4	14.1	11.3	9.9	12.7	15.5	15.6	15.6	16.0	16.5	14.9	14.5
EGGPLANT, ROUND		8.7	9.2	9.5	9.3	8.2	9.0	10.6	11.0	11.0	11.0	11.0	11.0	10.0	10.4
GINGER ROOT		25.5	25.4	22.4	22.7	23.2	22.5	22.5	24.1	25.5	26.5	26.5	26.5	24.4	31.2
LETTUCE, ICEBERG TYPE	Do.	12.5	16.4	14.0	13.8	12.7	14.0	14.0	12.2	13.9	14.0	15.2	14.6	13.9	12.7
LETTUCE, SEMI-HEAD	Do.	9.0	8.2	15.2	9.8	10.2	14.2	14.8	13.2	16.4	18.8	19.0	10.3	13.3	13.7
LOTUS ROOT		22.8	24.0	24.2	26.0	---	43.8	42.5	37.5	30.3	26.1	24.2	21.6	29.4	25.1
ONIONS, DRY	Do.	12.3	10.9	7.0	6.5	6.5	6.5	6.5	6.5	---	---	---	12.0	8.3	9.4
ONION, GREEN, BUNCHED		23.5	19.0	17.4	16.2	14.6	14.0	15.9	16.9	21.9	19.3	20.8	21.5	18.4	18.1
PEAS, SMALL CHINESE		---	65.0	56.5	68.8	70.0	76.3	78.1	95.0	98.8	92.5	97.0	97.5	81.4	67.3
PEPPERS, SWEET	Do.	24.0	25.8	23.0	23.6	21.2	16.5	16.5	18.5	18.1	19.0	20.2	19.4	20.5	18.8
PUMPKINS		9.5	9.5	11.0	10.9	10.7	10.8	11.0	11.0	13.0	11.6	11.0	11.0	10.9	8.3
SQUASH, ITALIAN	Do.	14.0	14.0	14.7	19.0	20.2	17.1	15.0	17.4	13.6	14.3	17.2	20.3	16.4	15.4
SWEETPOTATOES, REDS	Do.	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	11.3
SWEETPOTATOES, BAKER VARIETIES	Do.	13.0	13.0	13.0	13.0	13.0	12.9	12.9	12.6	13.0	13.0	13.0	13.0	13.0	10.6
TOMATOES, LOOSE	Do.	25.3	26.0	24.2	23.7	20.6	18.8	15.3	15.2	14.5	16.0	20.9	21.4	20.2	18.3
TOMATOES, LOOSE	HAWAII No. 2	21.3	22.0	20.5	17.1	16.3	13.6	12.1	12.3	12.2	14.0	18.5	17.7	16.5	14.5
WATERCRESS		16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
YAM BEAN ROOT		12.4	9.0	9.2	10.6	10.0	10.5	12.5	19.0	21.5	22.8	24.0	20.9	15.2	14.8
CANTALOUPS		---	---	---	24.0	23.5	17.8	11.0	---	---	11.0	---	---	17.5	16.2
WATERMELONS		25.0	21.5	21.3	18.9	15.2	15.0	8.2	9.4	9.5	10.3	11.0	---	15.0	12.0
AVOCADOS	HAWAII No. 1	10.6	9.7	9.5	9.4	9.0	9.3	11.0	11.0	11.0	11.0	11.0	11.0	10.3	9.4
BANANAS, BLUEFIELD		11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.3	8.8	8.7	9.0	10.3	10.8
BANANAS, APPLE (BRAZILIAN)		8.5	8.5	8.5	8.5	8.5	8.1	7.9	8.0	7.1	7.1	7.1	7.5	7.9	8.3
BANANAS, CHINESE (CAVENDISH)		7.6	8.5	8.5	8.4	8.4	8.1	7.9	8.0	7.1	7.1	7.1	7.2	7.8	7.9
PAPAYAS	Do.	10.3	10.9	11.0	10.9	10.8	8.2	7.9	8.2	8.7	8.7	8.0	7.9	9.3	7.6
TANGERINES		10.0	13.3	14.0	---	---	---	---	---	---	25.5	20.5	8.4	15.4	19.4

1/ PART TRUCKLOT OR TRUCKLOT QUANTITIES SOLD TO RETAILERS AND RESTAURANTS FOR STOCK OF GENERALLY GOOD QUALITY WHEN GRADE IS UNSPECIFIED.

Table 16.--Island livestock and poultry products: Annual average prices received by farmers, by islands, 1960

Commodity	Unit	Hawaii	Kauai-Niihau	Maui	Molokai-Lanai	Oahu	State
		Cents	Cents	Cents	Cents	Cents	Cents
Cattle and calves:							
Dairy cows.....	Pound.....	31.6	33.6	31.7	---	29.4	29.9
Other cattle.....	do.....	39.3	41.5	43.2	40.1	44.2	41.0
Veal calves.....	do.....	---	---	---	---	24.8	24.8
Milk ^{1/}	Quart.....	18.5	26.4	28.2	23.4	18.5	19.2
Hogs.....	Live weight, pound.....	33.9	41.3	34.4	36.0	30.7	31.7
Chickens:							
Hens, roosters.....	Live weight, pound.....	26.1	27.2	32.3	39.4	23.8	25.2
Fryers, roasters, broilers.....	Live weight, pound.....	47.1	45.3	48.2	51.8	39.2	41.0
Eggs.....	Dozen.....	58.1	59.6	63.5	75.0	60.3	60.1
Honey.....	Pound.....	15.1	5.6	7.3	15.0	14.0	11.7
Beeswax.....	do.....	42.0	42.0	42.0	42.0	42.0	42.0

^{1/} BULK MILK DELIVERED BOTTLING PLANT AND BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS.

TABLE 17.--ISLAND BEEF: MONTHLY AVERAGE HONOLULU PRICE PER POUND, DRESSED WEIGHT, 1960 ^{1/}

CLASS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
													1960	1959
<u>CENTS</u>														
STEERS.....	46.0	46.0	47.8	49.0	49.0	49.0	48.0	47.0	45.5	41.9	41.6	45.4	46.4	48.3
HEIFERS.....	45.0	45.0	46.5	48.0	48.0	48.0	47.0	46.0	44.9	41.9	41.6	44.8	45.6	47.2
COWS.....	37.9	38.0	39.6	40.0	40.0	48.0	38.8	38.0	36.9	36.8	37.0	38.2	39.1	40.5
BULLS.....	35.0	35.0	35.0	35.0	34.3	34.0	33.6	33.5	33.7	33.4	33.8	33.9	34.2	35.6

^{1/} SALES BY SLAUGHTERHOUSES FOR TOP GRADE.

TABLE 18.--ISLAND PORK CUTS: MONTHLY AVERAGE HONOLULU WHOLESALE PRICE PER POUND, 1960 ^{1/}

WHOLESALE CUT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
													1960	1959
<u>CENTS</u>														
CARCASS, SHIPPER STYLE.....	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	51.1
LOIN.....	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	84.5
LEG (BONELESS).....	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	81.0
SHOULDERS.....	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	79.9
BELLY AND RIB.....	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	55.0	55.0	55.0	57.2	67.5

^{1/} SALES BY SLAUGHTERHOUSES.

TABLE 19.--POULTRY: MONTHLY AVERAGE HONOLULU WHOLESALE PRICE PER POUND, BY ORIGIN AND CLASSES, 1960

ORIGIN AND CLASS	GRADE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
														1960	1959
CENTS															
CHICKENS, ISLAND															
EVISCERATED:															
BROILERS		68.4	68.4	68.6	67.7	67.7	67.8	66.9	65.2	65.3	65.2	65.4	66.3	66.9	66.6
FRYERS		73.0	73.0	73.8	73.2	72.2	72.3	71.0	69.2	69.3	69.2	69.4	70.3	71.3	70.5
ROASTERS		55.5	55.5	55.7	55.9	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	55.8	55.2
STEWERS, COLORED		44.5	44.5	45.1	45.6	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	44.6
STEWERS, WHITE															
N. Y. DRESSED:															
BROILERS		53.4	53.4	53.9	54.2	53.4	53.5	53.4	53.4	53.4	53.4	53.4	53.4	53.5	49.3
FRYERS		58.4	58.4	59.3	59.7	58.9	58.9	58.2	55.9	56.0	55.9	56.3	57.5	57.8	54.9
ROASTERS		44.5	44.5	45.7	45.9	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	45.7	44.5
STEWERS, COLORED		33.5	33.5	33.7	33.9	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	33.9	33.5
STEWERS, WHITE															
CHICKENS, MAINLAND															
EVISCERATED:															
BROILERS	A	54.8	48.0	49.4	47.5	47.1	46.4	47.0	47.0	47.0	47.0	47.9	47.5	48.0	54.5
FRYERS, CUT UP	A	54.0	54.0	53.4	53.8	54.1	54.5	54.5	54.1	54.5	54.1	53.6	54.5	54.1	52.4
FRYERS, WHOLE	A	48.0	45.5	44.9	46.3	47.4	48.9	47.0	47.0	47.0	47.0	47.0	47.0	46.9	48.0
ROASTERS	A	54.8	52.0	52.3	53.3	53.6	53.3	52.9	53.0	53.6	54.0	51.3	53.5	53.1	53.8
FOWL	A	46.0	41.5	42.0	44.3	47.3	48.4	48.3	49.0	49.0	49.5	48.6	49.0	46.9	49.5
OTHER POULTRY, MAINLAND															
TURKEYS, EVISCERATED:															
HENS	A	55.0	55.0	55.0	56.0	56.0	54.5	52.8	49.9	49.8	50.3	51.0	51.5	53.1	48.6
TOMS	A	54.8	55.0	53.3	52.8	53.2	53.9	52.5	51.8	51.0	51.4	50.8	50.6	52.6	50.5
DUCKS, EVISCERATED	A	50.9	51.3	51.9	52.9	53.9	52.0	52.0	51.9	51.7	51.5	52.0	52.5	52.0	52.8

- 26 -

TABLE 20.--EGGS: MONTHLY AVERAGE HONOLULU WHOLESALE PRICE PER DOZEN, BY ORIGIN, 1960

ORIGIN	CONTAINER	GRADE AND SIZE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
															1960	1959
CENTS																
ISLAND	CARTONS	A LARGE	68.0	67.1	58.6	61.1	60.0	59.6	58.7	63.0	63.8	65.8	68.5	72.4	63.9	66.8
		A MEDIUM	60.0	59.1	51.9	53.2	52.0	51.6	49.9	51.8	53.9	59.3	62.5	67.2	56.0	58.7
		A SMALL	44.0	43.4	37.4	39.1	38.0	38.0	37.2	37.4	40.8	49.3	53.5	57.4	43.0	47.7
MAINLAND	LOOSE, IN CASES	A LARGE	53.7	53.3	51.0	52.6	53.3	51.7	51.9	53.1	57.6	59.3	59.5	63.0	55.0	54.2
		A MEDIUM	45.5	46.4	46.1	46.8	47.5	46.1	45.2	46.5	51.3	54.8	56.5	59.6	49.4	45.3

Table 21.--Prices received by farmers: Index numbers, State, 1951-60
(1947-49 = 100)

Year	Crops					
	Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro
1951	102	103	198	100	75	121
1952	96	104	204	101 1/2	74 1/2	94
1953	97	93	205	100	79	79
1954	97	97	250	101 1/2	80 1/2	79 1/2
1955	93	107	245	106 1/2	81	104
1956	107	105	247	109 1/2	74	106
1957	104	88	271	111 1/2	75 1/2	102
1958	107	95	190	109	75	106
1959	104	93	149	108 1/2	76	121
1960	110	104	144	108	84	127

SEE FOOTNOTES AT END OF TABLE, PAGE 28.

CONTINUED

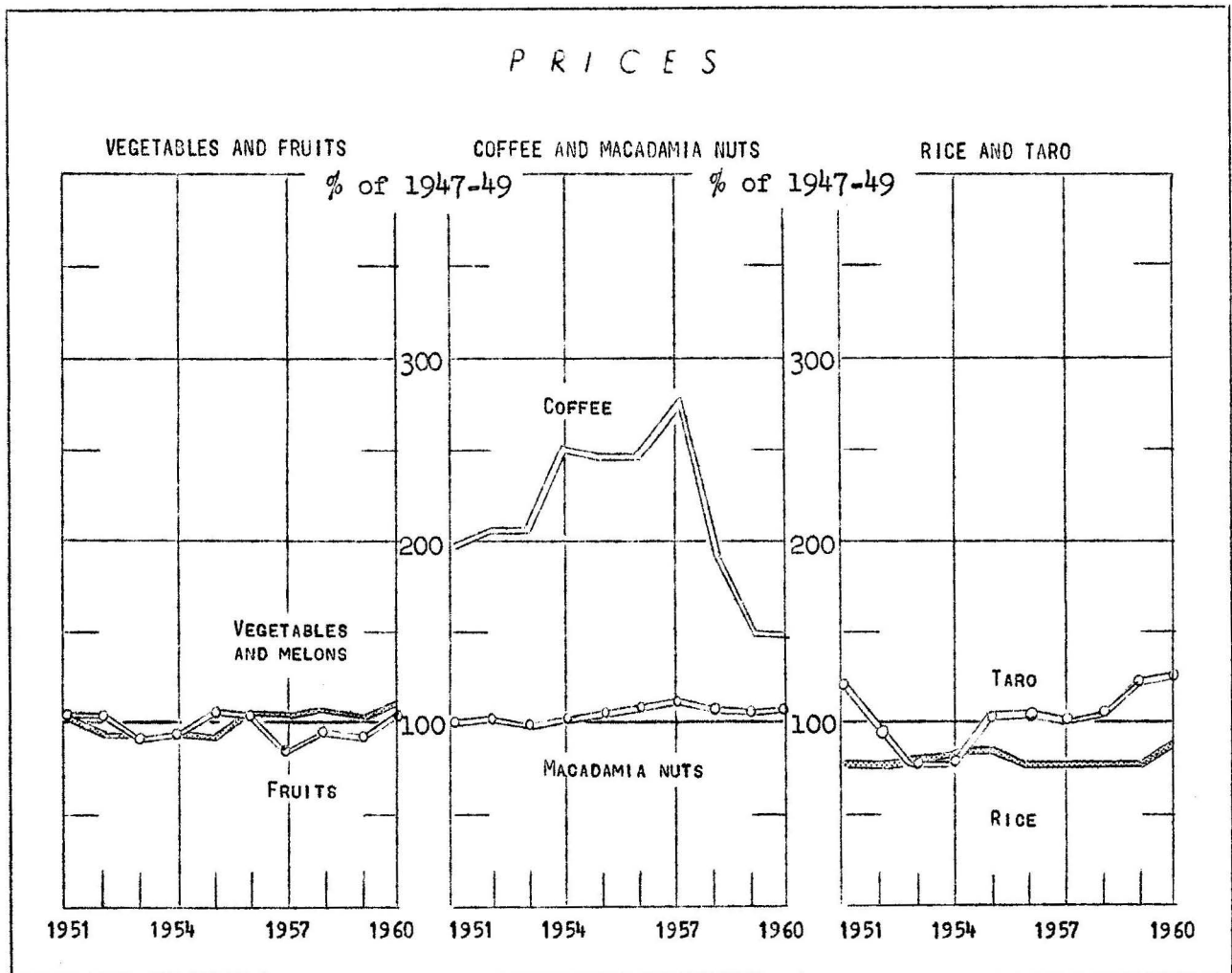


Table 21.--Prices received by farmers: Index numbers, State, 1951-60--Continued
(1947-49 = 100)

Year	Livestock products					
	Beef	Milk	Hogs	Chickens	Eggs	Honey ^{2/}
1951.....	119	108	88	89	84	83
1952.....	118	110	86	79	80	92
1953.....	107	105	71	85	79	101
1954.....	101	105	77	79	73	100
1955.....	98	106	81	75	69	109
1956.....	93	105	71	73	66	112
1957.....	96	100	74	68	60	105
1958.....	106	105	80	64 ^{1/}	68	98
1959.....	111	107	83	60 ^{1/}	63	110
1960.....	108	108	75	59	62	111

^{1/} REVISED.

^{2/} F. A. S. PRICES FOR 1951-57.

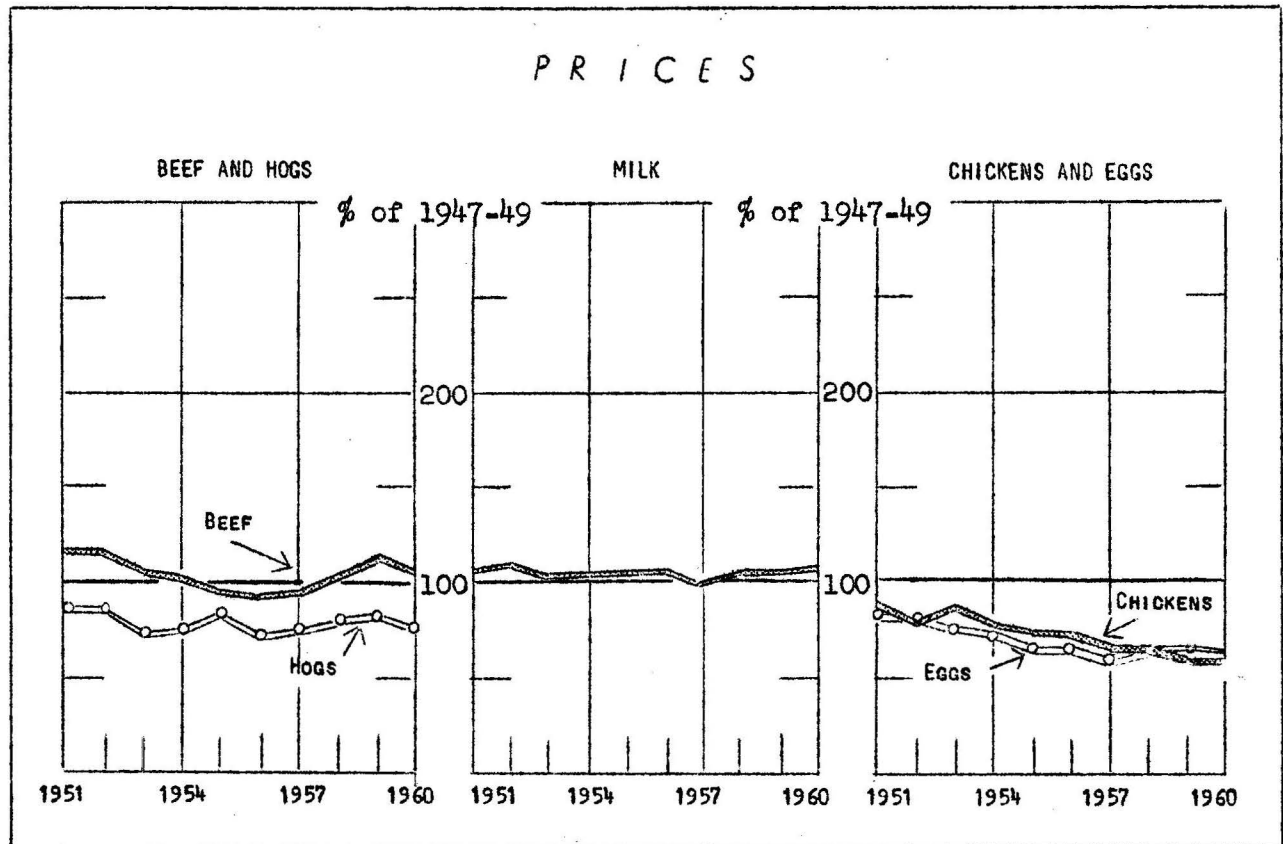


Table 22.--Prices paid, prices received by farmers, and wholesale prices of all commodities: Index numbers, United States, 1951-60

(1947-49 = 100)

Year	Prices paid by farmers ^{1/}	Prices received by farmers	Wholesale prices of all commodities
1951.....	113	112	115
1952.....	115	106	112
1953.....	111	94	110
1954.....	111	91	110
1955.....	110	86	111
1956.....	111	85	114
1957.....	114	87	118
1958.....	117	92	119
1959.....	119	89 ^{2/}	119
1960.....	120	88	120

^{1/} FOR COMMODITIES, INTEREST, TAXES AND WAGE RATES.

^{2/} REVISED.

SOURCE: PRICES PAID AND PRICES RECEIVED, FROM U. S. DEPARTMENT OF AGRICULTURE, AGRICULTURAL MARKETING SERVICE; WHOLESALE PRICES, FROM U. S. DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS.

Table 23.--Purchasing power of selected agricultural products:

Index numbers, State, 1951-60^{1/}

(1947-49 = 100)

Year	Crops					
	Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro
1951.....	90 ^{2/}	91 ^{2/}	175	88	66	107
1952.....	83 ^{2/}	90 ^{2/}	177	88 ^{2/}	64 ^{2/}	82
1953.....	87 ^{2/}	84 ^{2/}	185	90	71	71
1954.....	87 ^{2/}	87 ^{2/}	225	91 ^{2/}	72 ^{2/}	71 ^{2/}
1955.....	85 ^{2/}	97 ^{2/}	223	96 ^{2/}	74	95
1956.....	96 ^{2/}	95 ^{2/}	223	98 ^{2/}	67	95
1957.....	91 ^{2/}	77 ^{2/}	238	97 ^{2/}	66 ^{2/}	89
1958.....	91 ^{2/}	81 ^{2/}	162	93	64	91
1959.....	87 ^{2/}	78 ^{2/}	125	91 ^{2/}	64	102
1960.....	92	87	120	90	70	106

Year	Livestock products					
	Beef	Milk	Hogs	Chickens	Eggs	Honey
1951.....	105	96	78	79	74	73
1952.....	103	96	75	69	70	80
1953.....	96	95	64	77	71	91
1954.....	91	95	69	71	66	90
1955.....	89	96	74	68	63	99
1956.....	84	95	64	66	59	101
1957.....	84	88	65	60	53	92
1958.....	91	90	68	55 ^{2/}	58	84
1959.....	93	90	70	50 ^{2/}	53	92
1960.....	90	90	62	49	52	92

^{1/} BASED ON PRICES PAID BY U. S. FARMERS. (SEE TABLE 22).

^{2/} REVISED.

SECTION III SHIPMENTS

Table 24.--Fresh vegetables and fruits: Inshipments, by destination, 1960, totals 1956-59 ^{1/}

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1960	1959	1958	1957	1956
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<u>Vegetables and melons</u>									
Artichokes	3	---	---	78	81	72	44	55	77
Asparagus	1	---	---	44	45	45	31	41	34
Broccoli	---	---	---	50	50	38	65	88	68
Brussels sprouts	---	---	---	5	5	4	3	3	4
Cabbage, head	---	1	---	77	78	155	431	348	481
Cabbage, Chinese	---	---	---	121	121	75	40	94	35
Cabbage, mustard	---	---	---	---	---	3	10	48	10
Carrots	332	145	18	2,872	3,367	3,505	3,420	3,707	3,772
Cauliflower	1	8	---	100	109	127	124	155	198
Celery	---	86	---	1,728	1,814	2,530	2,519	2,235	2,693
Cucumbers	---	---	---	4	4	9	13	29	19
Garlic	28	13	14	167	222	203	197	185	193
Ginger root	---	---	---	---	---	---	18	---	---
Lettuce	1	14	---	3,112	3,127	3,411	3,166	3,444	3,170
Onions, dry	690	343	193	5,320	6,546	6,152	6,473	7,271	8,261
Onions, green	---	---	---	---	---	1	10	29	22
Peas (all types)	---	---	---	1	1	5	6	6	5
Peppers, sweet	3	1	---	158	162	141	114	105	94
Potatoes	1,504	632	412	22,456	25,004	25,895	29,329	26,515	24,792
Pumpkins	---	---	---	19	19	15	13	9	8
Squash	---	---	---	96	96	92	104	145	132
Sweetpotatoes	13	1	7	315	336	419	356	313	266
Tomatoes	2	1	---	2,027	2,030	2,318	1,522	1,698	1,869
Turnips and rutabagas	---	---	---	36	36	42	44	77	49
Cantaloups	26	10	4	803	843	663	644	667	979
Honeydews and honeyballs	10	3	4	258	275	447	453	328	569
Watermelons	69	3	---	955	1,027	834	521	459	750
Other melons	---	---	---	32	32	49	35	35	38
Total	2,683	1,261	652	40,834	45,430	47,250	49,710	48,089	48,450

Fruits									
Apples	441	187	224	6,597	7,449	7,414	7,405	6,782	6,713
Bananas	---	---	---	---	---	---	5	---	19
Crab apples	1	---	---	31	32	35	41	47	41
Apricots	1	---	---	5	6	8	2	9	11
Cherries	2	---	2	86	90	94	89	85	139
Cranberries	---	---	---	5	5	6	12	9	12
Grapefruit	108	32	55	1,292	1,487	1,557	1,741	1,926	2,151
Grapes	105	38	49	1,459	1,651	1,741	1,734	1,665	2,247
Lemons	69	22	28	1,247	1,366	1,324	1,432	1,465	1,496
Nectarines	46	6	13	467	532	696	485	538	598
Oranges	379	317	371	7,250	8,317	9,858	9,489	10,846	10,801
Peaches	24	6	6	481	517	658	522	551	678
Pears	136	31	39	1,484	1,690	1,805	1,857	1,974	2,067
Persimmons	3	2	---	39	44	61	58	52	73
Plums	16	3	1	466	486	832	595	733	989
Strawberries	---	---	---	13	13	1	2	7	12
Tangerines	---	1	---	118	119	189	111	259	248
Total	1,331	645	788	21,040	23,804	26,279	25,580	26,948	28,295
Total vegetables and fruits	4,014	1,906	1,440	61,874	69,234	73,529	75,290	75,037	76,745

1/ SHIP AND PLANE SHIPMENTS FROM ALL SOURCES.

Table 25.--Frozen vegetables, fruits, and fruit juices: Inshipments from the U. S. Mainland, by destination, 1960, totals 1956-59

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1960	1959	1958	1957	1956
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
<u>Vegetables</u>									
Asparagus	---	---	---	34	34	46	39	55	50
Beans, lima	6	---	2	115	123	142	149	137	139
Beans, snap	10	2	3	269	284	277	267	273	235
Broccoli	7	---	1	172	180	200	184	197	158
Brussels sprouts	1	---	---	41	42	55	48	65	52
Carrots	---	---	---	10	10	8	11	6	8
Cauliflower	1	---	---	21	22	43	35	47	46

Continued

Table 25.--Frozen vegetables, fruits, and fruit juices: Inshipments from the U. S. Mainland, by destination, 1960, totals 1956-59--Continued

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1960	1959	1958	1957	1956
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Corn	10	---	---	244	254	242	199	199	193
Peas	38	10	15	450	513	504	489	507	435
Peas and carrots	12	---	5	158	175	158	150	139	116
Potatoes	11	---	1	161	173	116	88	89	81
Rhubarb	---	---	---	3	3	1	4	5	10
Spinach	4	---	3	135	142	148	105	130	138
Succotash	---	---	---	12	12	18	20	27	31
Mixed vegetables	12	---	3	215	230	243	208	211	198
Total	112	12	33	2,040	2,197	2,201	1,996	2,087	1,890
Fruits									
Apples and applesauce	---	---	---	74	74	55	42	34	27
Cherries	1	---	---	28	29	29	22	22	25
Melon balls	---	---	---	8	8	11	5	13	15
Peaches	---	---	---	13	13	23	12	32	37
Strawberries	9	4	5	226	244	253	244	275	321
Other berries	---	---	---	37	37	49	33	38	37
Total	10	4	5	386	405	420	358	414	462
Unspecified vegetables and fruits	1	---	---	10	11	16	7	8	30
Total vegetables and fruits	123	16	38	2,436	2,613	2,637	2,361	2,509	2,382
Fruit juices									
Grape	345	97	216	9,117	9,775	8,092	5,791	8,264	8,327
Grapefruit	---	7	---	590	597	959	686	2,453	1,592
Lemon	247	41	22	2,203	2,513	2,361	2,350	2,852	7,459
Lemonade	195	41	103	6,262	6,601	10,628	9,083	10,666	8,304
Lime	---	---	---	254	254	77	116	185	523
Limeade	---	2	---	504	506	585	717	1,376	480
Orange	2,202	299	819	53,076	56,396	51,014	41,511	69,066	62,895
Orangeade	6	33	17	1,869	1,925	2,429	943	904	705
Tangerine	3	2	11	545	561	886	531	1,317	1,042
Unspecified	56	90	187	352	685	571	559	1,086	462
Total	3,054	612	1,375	74,772	79,813	77,602	62,287	98,169	91,789

Table 26.--Peanuts, rice and soybeans: Inshipments from all sources, by destination, 1960, totals 1956-59 ^{1/}

Commodity	D e s t i n a t i o n				T o t a l R e c e i p t s				
	Hawaii	Kauai	Maui	Oahu	1960	1959	1958	1957	1956
	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>	<u>1,000</u> <u>pounds</u>
Peanuts sacked: Shelled and unshelled.....	3	3	3	457	466	444	386	396	324
Rice:									
Brown.....	26	10	9	182	227	144	125	149	110
Clean ^{2/}	9,304	4,253	4,850	41,253	59,660	47,444	56,213	57,510	60,829
Mochi.....	89	1	47	363	500	422	328	237	148
Soybeans.....	310	---	66	1,478	1,854	1,888	1,857	2,051	1,912

^{1/} SHIPMENTS WERE FROM THE U.S. MAINLAND UNLESS OTHERWISE SPECIFIED.

^{2/} INCLUDING SHIPMENTS UNDER THE COMMODITY DISTRIBUTION PROGRAM OF THE AGRICULTURAL MARKETING SERVICE, U.S.D.A. (1,000 POUNDS): 720 IN 1960, 806 IN 1959, 958 IN 1958, 449 IN 1957 AND 692 IN 1956.

1
3
1

Table 27.--Peanuts, rice and soybeans: Inshipments from all sources, by months, 1960 ^{1/}

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	<u>1,000 pounds</u>												
Peanuts, sacked Shelled and unshelled.....	60	15	85	42	31	38	33	24	33	43	28	34	466
Rice:													
Brown.....	13	25	19	21	20	9	12	25	29	16	16	22	227
Clean.....	4,061	5,461	5,636	6,256	5,534	5,325	3,291	4,154	4,792	5,201	4,682	5,267	59,660
Mochi.....	36	25	21	39	27	17	31	11	10	98	100	85	500
Soybeans.....	68	145	253	145	270	155	173	99	112	173	150	111	1,854

^{1/} RECEIPTS WERE FROM THE U.S. MAINLAND UNLESS OTHERWISE SPECIFIED.

Table 28.--Feed grains and feedstuffs: Inshipments from all sources, by destination, 1960, totals 1956-59

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Mauai	Oahu	1960	1959	1958	1957	1956
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Feed grains									
Barley ^{1/}	458	308	429	10,395	11,590	8,808	9,379	10,761	11,504
Corn ^{2/}	263	7	139	10,668	11,077	13,713	7,015	7,841	7,616
Oats ^{1/}	92	36	10	120	258	186	227	352	581
Wheat ^{1/}	55	---	27	680	762	690	758	655	757
Sorghums	2	---	189	15,985	16,176	5,400	1,928	1,575	1,550
Total feed grains	870	351	794	37,848	39,863	28,797	19,307	21,184	22,008
Mixed feeds									
Dairy	1,234	36	69	5,274	6,613	3,236	5,762	2,440	2,310
Hog ^{3/}	317	267	112	3,809	4,505	4,045	4,065	4,313	5,087
Poultry	2,664	2,732	1,480	8,569	15,445	20,361	31,443	31,597	32,221
Poultry scratch	845	602	506	795	2,748	2,813	2,998	3,430	4,036
Pigeon	30	5	41	567	643	532	483	482	519
Rabbit ^{3/}	43	87	82	397	609	561	491	601	789
Other mixed feeds ^{4/}	311	81	634	4,812	5,838	2,031	768	653	704
Total mixed feeds	5,444	3,810	2,924	24,223	36,401	33,579	46,010	43,516	45,666
Feedstuffs									
Rice bran	---	---	---	312	312	---	2	50	173
Wheat bran	---	---	---	---	---	12	4	---	1
Middlings	709	230	449	2,053	3,441	3,187	3,596	3,646	3,780
Millrun	355	80	85	1,816	2,336	3,867	4,433	5,129	4,764
Misc. mill feeds	---	4	42	625	671	1,645	416	965	1,012
Copra meal	---	---	---	3,138	3,138	2,505	4,740	4,127	2,983
Cottonseed meal	---	56	198	3,352	3,606	3,036	4,129	4,419	3,931
Linseed meal	---	---	3	20	23	8	3	15	10
Soybean meal	592	---	26	14,451	15,069	10,012	8,259	8,420	6,854
Fish meal	---	---	---	460	460	263	108	187	303
Meat and bone meal	1	3	21	1,062	1,087	365	146	111	87
Whey	3	---	10	44	57	16	63	19	23
Misc. protein feeds	---	---	---	4	4	8	---	23	93
Alfalfa meal ^{3/}	220	17	57	9,330	9,624	8,332	5,829	8,643	8,745
Beet pulp	---	---	---	80	80	---	1,293	210	1

Brewers' grain	---	---	---	---	---	---	---	3	---
Total feedstuffs	1,880	390	891	36,747	39,908	33,256	33,021	35,967	32,760
Total all feeds 1960	8,194	4,551	4,609	98,818	116,172				
1959	10,607	7,278	6,725	71,022		95,632			
1958	13,724	7,427	6,998	70,189			98,338		
1957	14,305	8,287	7,472	70,603				100,667	
1956	14,624	8,080	7,668	70,062					100,434

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

TABLE 29.--FEED GRAINS AND FEEDSTUFFS: INSHIPMENTS FROM ALL SOURCES, BY MONTHS, 1960

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	T O N S												
FEED GRAINS													
BARLEY 1/	155	1,956	189	248	1,233	2,435	1,330	178	201	138	3,463	64	11,590
CORN 2/	1,651	144	4,546	18	12	30	1,537	3,061	44	5	14	15	11,077
OATS 1/	10	20	47	26	27	21	23	17	21	9	16	21	258
WHEAT 1/	44	96	75	35	85	3	43	53	128	15	121	64	762
SORGHUMS	---	2,399	---	33	2,433	31	6,438	3,057	---	29	1,756	---	16,176
TOTAL FEED GRAINS	1,860	4,615	4,857	360	3,790	2,520	9,371	6,366	894	196	5,370	164	39,863
MIXED FEEDS													
DAIRY	371	409	554	574	525	643	448	195	488	567	654	1,185	6,613
HOG 3/	316	342	467	458	590	467	216	202	442	258	346	401	4,505
POULTRY 3/	1,390	1,240	1,934	1,876	1,334	1,516	1,385	655	1,042	1,116	1,013	944	15,445
POULTRY SCRATCH	190	246	263	306	255	282	232	70	220	198	316	170	2,748
PIGEON	31	45	70	32	68	49	97	26	85	37	62	41	643
RABBIT 3/	40	60	45	41	60	58	63	23	68	46	60	45	609
OTHER MIXED FEEDS 4/	301	245	627	445	722	538	239	727	568	486	461	479	5,838
TOTAL MIXED FEEDS	2,639	2,587	3,960	3,732	3,554	3,553	2,680	1,898	2,913	2,708	2,912	3,265	36,401
FEEDSTUFFS													
RICE BRAN	---	---	---	---	---	---	214	20	---	20	18	40	312
WHEAT BRAN	---	---	---	---	---	---	---	---	---	---	---	---	---
MIDLINGS	293	420	183	256	437	341	191	160	457	257	260	186	3,441
MILLRUN	181	381	192	204	318	264	238	86	124	101	142	105	2,336
MISC. MILL FEEDS	---	2	175	100	52	37	52	---	103	150	---	---	671
COPRA MEAL	195	90	30	260	195	370	496	---	350	502	350	300	3,138
COTTONSEED MEAL	221	250	314	147	342	160	200	92	359	84	140	1,297	3,606
LINSEED MEAL	---	---	---	5	5	---	6	---	2	5	---	---	29
SOYBEAN MEAL	1,761	475	3,010	227	2,198	657	2,783	233	301	359	2,590	475	15,069
FISH MEAL	15	15	60	140	15	65	40	---	20	30	---	60	460
MEAT AND BONE MEAL	2	64	83	101	83	94	93	122	163	60	141	81	1,087
WHEY	1	1	9	11	---	2	---	8	4	1	10	10	57
MISC. PROTEIN FEEDS	---	---	---	---	---	---	---	---	---	4	---	---	4
ALFALFA MEAL 3/	354	718	846	940	1,267	744	858	826	850	1,027	603	591	9,624
BET PULP	---	---	---	---	---	20	---	---	---	20	20	20	80
BREWERS' GRAIN	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL FEEDSTUFFS	3,023	2,416	4,902	2,391	4,912	2,754	5,171	1,547	2,733	2,620	4,274	3,165	39,908
TOTAL ALL FEEDS: 1960	7,522	9,618	13,719	6,483	12,256	8,827	17,222	9,811	6,040	5,524	12,556	6,594	116,172
1959	8,699	7,155	7,212	8,572	14,030	10,407	7,099	3,932	9,465	6,132	4,983	7,946	95,632
1958	10,954	8,029	6,759	7,319	9,482	12,322	5,732	5,359	7,710	8,319	6,875	9,478	98,338
1957	9,940	5,603	9,927	6,873	9,695	6,123	9,055	9,233	7,696	8,776	7,884	9,862	100,667
1956	7,196	6,250	9,001	10,488	8,938	9,138	8,251	7,196	8,217	8,426	9,110	8,178	100,434

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

TABLE 30.--FEED GRAINS AND FEEDSTUFFS: IMPORTS FROM FOREIGN COUNTRIES, BY MONTHS, 1960 ^{1/}

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	<u>T O N S</u>												
COPRA MEAL.....	195	90	30	260	195	370	496	---	350	502	350	300	3,138
FISH MEAL.....	15	15	60	125	15	65	20	---	---	30	---	---	345
MEAT AND BONE MEAL.....	---	---	60	100	60	90	40	---	---	---	---	---	350
MISC. MILL FEEDS.....	---	---	175	100	50	---	50	---	100	150	---	---	625
TOTAL.....	210	105	325	585	320	525	606	---	450	682	350	300	4,458

^{1/} DATA INCLUDED IN TABLES 28 AND 29.

MEAT AND BONE MEAL, AND FISH MEAL ARE FROM CANADA; COPRA MEAL AND MISC. MILL FEEDS, FROM THE ORIENT.

TABLE 31.--LIVESTOCK: INSHIPMENTS FROM ALL SOURCES, BY MONTHS, 1960, TOTALS 1956-59 ^{1/}

ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1960	1959	1958	1957	1956
	<u>NUMBER OF HEAD</u>																
BEEF CATTLE.....	467	16	57	41	10	---	7	21	---	7	62	93	781	119	200	134	172
DAIRY COWS.....	52	20	298	74	173	186	500	469	297	123	96	207	2,495	1,624	2,080	2,647	2,117
DAIRY BULLS.....	---	---	---	---	11	---	5	---	---	---	---	---	16	19	6	8	9
CALVES.....	---	---	---	---	---	---	---	---	---	---	52	---	52	12	123	198	5
HOGS.....	---	---	---	6	9	1	---	2	---	---	---	---	18	790	1,366	1,034	478
GOATS.....	---	---	---	---	---	---	---	---	---	---	---	---	---	7	149	---	426

^{1/} UNLESS OTHERWISE SPECIFIED SHIPMENTS ARE FROM THE U.S. MAINLAND. BREEDING STOCK ARE INCLUDED.

TABLE 32.--HATCHING EGGS AND CHICKS: INSHIPMENTS FROM ALL SOURCES, BY MONTHS, 1956-60^{1/}

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
HATCHING EGGS--DOZENS													
1956	18,700	12,100	14,900	13,100	16,300	11,000	10,800	9,100	6,300	17,000	13,900	12,100	154,800
1957	13,500	11,100	14,100	15,600	11,500	11,500	10,900	12,100	11,400	11,200	10,200	13,100	146,200
1958	11,500	11,000	7,200	11,400	9,600	10,700	9,600	13,000	13,200	11,700	11,400	14,200	134,500
1959	12,500	14,400	12,600	11,200	11,300	13,500	12,100	15,000	14,600	11,900	12,100	12,100	153,300
1960	15,300	18,100	11,300	13,600	15,200	9,700	12,500	13,700	12,400	10,000	11,200	9,500	152,500
5-YEAR AVERAGE...	14,300	13,300	12,000	13,000	12,800	11,300	11,100	12,600	11,600	12,400	11,800	12,200	148,400
CHICKS--NUMBER													
1956	39,500	38,600	28,900	23,700	43,200	22,400	35,600	47,300	50,700	42,000	12,200	23,700	407,800
1957	22,200	45,300	38,400	38,400	27,500	21,700	26,600	29,500	33,100	35,400	16,400	23,100	357,600
1958	25,500	31,000	24,400	30,700	31,000	29,100	39,200	34,500	34,200	28,400	19,000	21,400	348,400
1959	12,500	19,900	21,900	16,000	20,800	19,800	10,800	18,200	12,900	9,200	21,900	23,900	207,800
1960	16,100	20,400	25,700	16,100	23,500	18,000	17,800	28,200	22,000	25,500	19,600	25,900	258,800
5-YEAR AVERAGE...	23,200	31,000	27,900	25,000	29,200	22,200	26,000	31,500	30,600	28,100	17,800	23,600	316,100

^{1/} UNLESS OTHERWISE SPECIFIED, SHIPMENTS ARE FROM THE U.S. MAINLAND.

SOURCE: STATE DEPT. OF AGRICULTURE.

TABLE 23.--SPECIFIED DAIRY AND POULTRY PRODUCTS, AND MEATS: SHIPMENTS FROM ALL SOURCES, BY DESTINATION, 1960,
TOTALS 1956-59 1/

COMMODITY	DESTINATION				TOTAL RECEIPTS				
	HAWAII	KAUAI	MAUI	HAHU	1960 2/	1959	1958	1957	1956
	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS	1,000 POUNDS
DAIRY PRODUCTS AND OLEOMARGARINE									
BUTTER, TABLE	275	131	155	2,483	3,044 3/	2,567	2,879	2,404	2,490
BUTTER, FOR MFR.	82	---	16	1,413	1,511	1,252	1,009	1,410	1,117
CHEESE	103	45	59	1,814	2,021	1,959	1,828	1,751	1,570
OLEOMARGARINE	191	82	135	2,294	2,702	2,823	2,626	2,768	2,539
MEATS 4/									
BEEF AND VEAL:									
FROM THE MAINLAND	288	252	153	10,730	11,423	10,838	10,457	14,768	15,919
FROM FOREIGN COUNTRIES	---	---	---	8,674	8,674	7,879	6,043	3,194	1,681
TOTAL	288	252	153	19,404	20,097	18,717	16,500	17,962	17,600
PORK: 5/									
FROM THE MAINLAND	638	258	352	6,545	7,793	8,042	6,679	6,578	7,422
FROM FOREIGN COUNTRIES	---	---	---	109	109	209	95	38	188
TOTAL	638	258	352	6,654	7,902	8,251	6,774	6,616	7,610
LAMB AND MUTTON:									
FROM THE MAINLAND	6	2	---	722	730	794	666	859	991
FROM FOREIGN COUNTRIES	---	---	---	427	427	553	512	268	94
TOTAL	6	2	---	1,149	1,157	1,347	1,178	1,127	1,085
TOTAL MEATS:									
FROM THE MAINLAND	932	512	505	17,997	19,946	19,674	17,802	22,205	24,332
FROM FOREIGN COUNTRIES	---	---	---	9,210	9,210	8,641	6,650	3,500	1,963
TOTAL	932	512	505	27,207	29,156	28,315	24,452	25,705	26,295
POULTRY PRODUCTS									
CHICKENS 6/	476	261	308	5,125	6,170	6,150	5,419	5,283	4,610
TURKEYS 6/	163	71	97	2,377	2,708	2,452	2,529	2,250	2,502
	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS	1,000 DOZENS
EGGS, SHELL	11	---	2	1,979	1,992	2,499	2,271	2,304	2,515

1/ SHIPMENTS ARE FROM THE U.S. MAINLAND, UNLESS OTHERWISE SPECIFIED.

2/ INCLUDING QUANTITIES RECEIVED UNDER THE COMMODITY DISTRIBUTION PROGRAM OF THE AGRICULTURAL MARKETING SERVICE, U.S.D.A. (1,000 POUNDS): BUTTER, 467; CHEESE, 80; BEEF AND VEAL, 571; AND TURKEYS, 171.

3/ INCLUDING 319,000 POUNDS FROM AUSTRALIA AND NEW ZEALAND.

4/ FROZEN AND CHILLED CARCASSES AND CUTS ONLY; CANNED, SMOKED, CURED, OR PROCESSED MEATS AND EDIBLE OFFAL ARE NOT INCLUDED.

5/ LIVE HOGS SHIPPED FROM THE MAINLAND AND SLAUGHTERED IN THE STATE ARE NOT INCLUDED.

6/ EVISERATED AND N.Y. DRESSED, 1956-57; EVISERATED, 1958-60.

TABLE 34.—OUTSHIPMENTS OF COFFEE, FRESH FRUITS AND VEGETABLES, BY MONTHS

YEAR	COFFEE, GREEN, 1956-60												
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	1,000 POUNDS												
1956	2,516	1,739	463	177	256	97	9	459	541	377	1,050	1,819	9,497
1957	363	349	753	757	444	374	247	138	565	1,125	1,387	2,950	9,452
1958	2,842	1,474	2,045	587	352	201	89	65	126	684	2,371	1,437	12,273
1959	923	803	433	132	68	4	4	10	455	1,308	1,465	2,190	7,795
1960	1,356	714	1,518	234	368	161	126	---	149	830	2,278	1,839	9,573
COMMODITY AND YEAR	FRESH PAPAYAS AND PINEAPPLES, 1956-60 ^{1/}												
	1,000 POUNDS												
PAPAYAS: 1956	104	56	152	138	186	101	124	62	76	184	152	233	1,568
1957	213	228	176	297	303	295	127	140	93	142	186	257	2,457
1958	244	391	306	70	132	212	177	157	143	167	224	187	2,430
1959	181	174	197	151	244	229	189	165	177	206	136	76	2,125
1960	76	81	80	63	80	39	109	86	47	87	196	123	1,067
PINEAPPLES: 1956	670	871	1,264	1,762	1,371	883	636	741	587	1,246	1,151	790	11,972
1957	806	1,295	1,808	2,011	1,291	787	992	707	798	780	892	951	13,118
1958	1,107	981	2,554	1,190	1,531	876	1,133	1,143	960	902	1,120	978	14,475
1959	1,249	1,521	1,963	1,159	1,613	981	1,190	1,205	1,013	1,039	905	914	14,752
1960	1,056	1,269	1,375	2,090	2,486	1,070	1,193	1,302	762	1,147	1,275	960	15,985
YEAR	FLORAL MATERIAL, 1956-60 ^{1/}												
	1,000 PACKAGES												
1956	36	17	41	34	58	38	35	39	35	33	33	51	450
1957	29	31	35	50	53	27	28	32	26	27	23	39	400
1958	19	18	21	44	45	29	33	33	36	42	32	58	410
1959	30	32	70	43	85	50	43	47	91	73	33	60	657
1960	28	32	41	62	68	40	48	53	46	50	47	73	588
COMMODITY	FRESH VEGETABLES AND ROOT PRODUCTS, 1960 ^{1/}												
	1,000 POUNDS												
DASHEENS	---	---	2	1	3	6	9	7	5	2	2	---	37
GINGER ROOT	35	35	29	20	24	15	24	25	18	14	34	40	313
LOTUS ROOT	14	7	3	1	---	---	2	3	5	5	5	7	52
YAM BEAN ROOT	---	1	2	3	3	1	---	---	---	---	---	---	10
MISCELLANEOUS VEGETABLES	---	---	1	1	1	---	1	1	---	---	---	---	5

^{1/} SHIPMENTS TO FOREIGN COUNTRIES OTHER THAN CANADA ARE NOT INCLUDED.

-04-

Table 35.--Outshipments of processed fruits, vegetables, miscellaneous crops and animal products, 1956-60^{1/}

Commodity	Unit	1960	1959	1958	1957	1956
<u>Fruits</u>						
Guavas:						
Puree, juice, and nectar base, frozen/chilled	Pounds	108,000	64,000	54,000	133,000	99,000
Nectar, canned	do.	320,000	298,000	276,000	302,000	251,000
Jams and jellies	do.	40,000	30,000	31,000	33,000	40,000
Papayas:						
Puree, juice, and nectar base, frozen/chilled	do.	151,000	148,000	98,000	188,000	140,000
Nectar, canned	do.	828,000	743,000	764,000	970,000	752,000
Balls, chunks and slices, canned	do.	178,000	169,000	159,000	196,000	175,000
Passion fruit:						
Juice and nectar base, frozen/chilled	do.	78,000	315,000	407,000	925,000	699,000
Miscellaneous:						
Nectars, canned ^{2/}	do.	54,000	95,000	111,000	148,000	154,000
Jams, jellies and preserves ^{3/}	do.	38,000	40,000	35,000	19,000	26,000
<u>Vegetables</u>						
Pickled	do.	568,000	513,000	487,000	444,000	408,000
<u>Nuts</u>						
Coconuts:						
Chips, prepared	do.	37,000	41,000	38,000	57,000	68,000
Milk, frozen	do.	15,000	13,000	9,000	5,000	5,000
Shredded, frozen	do.	9,000	10,000	7,000	7,000	8,000
Syrup	do.	23,000	5,000	5,000	7,000	11,000
Macadamia nuts, processed	do.	250,000	163,000	114,000	92,000	82,000

Continued

Table 35.--Outshipments of processed fruits, vegetables, miscellaneous crops and animal products, 1956-60 ^{1/}--Continued

Commodity	Unit	1960	1959	1958	1957	1956
<u>Other</u>						
Coffee, roasted.....	Pounds.....	11,000	20,000	7,000	7,000	6,000
Poi, fresh, frozen, bottled and canned.....	do.....	111,000	118,000	113,000	96,000	86,000
<u>Animal products</u>						
Hides:						
Cattle.....	Number.....	38,000	45,000	44,000	38,000	41,000
Sheep.....	do.....	400	500	400	400	1,000
Tallow.....	Pounds.....	24,000	21,000	22,000	132,000	201,000
Honey, extracted.....	do.....	97,000	402,000	81,000	99,000	119,000
Beeswax.....	do.....	2,000	10,000	5,000	8,000	10,000

^{1/} SHIPMENTS TO FOREIGN COUNTRIES OTHER THAN CANADA ARE NOT INCLUDED.

^{2/} PAPAYA-PINEAPPLE, PAPAYA-PASSION FRUIT, PASSION FRUIT AND OTHER MISCELLANEOUS NECTARS.

^{3/} MANGO CHUTNEY AND PRESERVES; PAPAYA PRESERVES; PAPAYA-PINEAPPLE JAMS AND PRESERVES; PASSION FRUIT JELLY; PINEAPPLE JAMS, PRESERVES, CHUTNEY AND PICKLES; POHA JAMS AND PRESERVES; AND MISCELLANEOUS SYRUPS AND TOPPING.

SECTION IV DIVERSIFIED CROPS

Table 36.--Vegetables and fruits: Production and marketings, 1951-60 ^{1/}

Year	Total production ^{2/}			Marketings including outshipments ^{3/}			Marketings excluding outshipments ^{4/}		
	Vegetables and melons ^{5/}	Fruits ^{6/}	Total ^{5/}	Vegetables and melons ^{5/}	Fruits ^{6/}	Total ^{5/}	Vegetables and melons ^{5/}	Fruits ^{6/}	Total ^{5/}
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1947-49 avg.	47,155	16,202	63,357	47,155	16,202	63,357	47,155	16,192	63,347
1951	45,530	13,450	58,980	44,159	13,415	57,574	44,159	13,102	57,261
1952	48,410	15,800	64,210	47,240	15,750	62,990	47,240	15,419	62,659
1953	47,490	18,540	66,030	47,040	18,320	65,360	47,040	17,546	64,586
1954	46,895	18,965	65,860	46,245	18,720	64,965	46,245	16,867	63,112
1955	52,770	17,935	70,705	51,533	17,900	69,433	51,095	16,945	68,040
1956	47,655	19,025	66,680	46,935	19,025	65,960	46,477	17,457	63,934
1957	49,145	23,870	73,015	48,148	23,095	71,243	47,701	20,638	68,339
1958	51,045	24,105	75,150	49,730	23,232	72,962	49,377	20,802	70,179
1959	48,985	22,770	71,755	48,247	22,488	70,735	47,801	20,363	68,164
1960	48,180	20,910	69,090	47,855	20,840	68,695	47,453	19,781	67,234

1/ PINEAPPLES, MANGOS, LITCHEE, PASSION FRUIT, GUAVAS, PLUMS, GRAPES AND PERSIMMONS EXCLUDED BECAUSE OF INCOMPLETE DATA.

2/ ALL COMMERCIAL PRODUCTION, INCLUDING OUTSHIPMENTS AND LOSSES RESULTING FROM MARKET CONDITIONS.

3/ ALL COMMERCIAL PRODUCTION, EXCLUDING LOSSES RESULTING FROM MARKET CONDITIONS.

4/ ALL COMMERCIAL PRODUCTION, EXCLUDING OUTSHIPMENTS AND LOSSES RESULTING FROM MARKET CONDITIONS.

5/ 1947-49 AND 1951-59 DATA REVISED.

6/ 1951-59 DATA REVISED.

Table 37.--Vegetables, fruits, and miscellaneous crops: Acreage, production, and value of marketings, State, average 1949-58, annual 1959-60

Commodity	Acreage ^{1/}			Production ^{2/}			Value ^{3/}		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Acres			1,000 pounds			1,000 dollars		
<u>Vegetables and melons</u>									
Beans, snap.....	230	169	139	2,016	1,850	1,580	265	290	309
Broccoli.....	57	54	38	333	420	345	50	63	58
Burdock.....	46	47	40	642	580	520	120	124	95
Cabbage, head.....	533	473	449	8,160	8,515	8,495	296	243	325
Cabbage, Chinese.....		222	194		2,850	2,845		234	246
Cabbage, mustard.....	342	83	85	3,512	1,280	1,300	303	102	115
Carrots.....	117	59	40	1,124	640	505	66	39	33
Cauliflower.....	44	27	31	387	340	350	44	29	31
Celery.....	31	28	41	904	1,140	1,775	85	90	145
Corn, green.....	326	165	307	1,140	560	1,140	71	37	93
Cucumbers.....	323	285	218	3,562	3,660	3,340	332	314	347
Daikon.....	312	352	304	3,854	3,635	3,565	162	186	175
Dasheens.....	24	20	16	356	350	340	61	58	64
Eggplant.....	46	36	35	742	890	780	67	86	82
Ginger root.....	17	25	32	606	730	905	156	178	178
Lettuce.....	331	314	281	3,250	3,005	3,450	292	297	336
Lotus root.....	59	66	66	395	320	200	83	64	42
Onions, dry.....	88	130	117	944	1,940	1,810	66	169	109
Onions, green.....	44	58	55	551	795	845	68	110	125
Peppers, sweet.....	83	72	64	841	1,050	915	130	143	142
Potatoes.....	111	80	66	656	570	455	39	39	35
Pumpkins.....	36	24 ^{1/2}	19	362	365 ^{1/2}	250	22	20	19
Squash, Italian.....	20	18 ^{1/2}	10	274	225 ^{1/2}	160	31	23	18
Sweetpotatoes.....	164	129	119	1,430	1,465	1,360	96	110	123
Tomatoes.....	493	346	305	5,806	5,535	5,170	681	673	705
Watercress.....	26	30	30	2,228	3,000	3,020	207	360	387
Cantaloups.....	16	23	6	110	195	60	16	28	9
Watermelons.....	581	287	338	3,956	3,080	2,700	299	246	247
Total vegetables and melons.....	4,500	3,622 ^{1/2}	3,445	48,142	48,985 ^{1/2}	48,180	4,108	4,355	4,593

<u>Fruits</u>									
Avocados:									
Bearing	176	181	174	1,052	1,115	950	90	66	66
Non-bearing	14	25	25	---	---	---	---	---	---
Bananas: ^{5/}									
Bearing	901	845 ^{4/}	867	6,674	6,210 ^{4/}	6,890	450	438	471
Non-bearing	96	166 ^{4/}	254	---	---	---	---	---	---
Oranges:									
Bearing	24	28	28	270	450	415	15	26	25
Non-bearing	1	2	2	---	---	---	---	---	---
Papayas:									
Bearing	438	537	512	9,745	14,395	12,025	505	714	743
Non-bearing	230	279	244	---	---	---	---	---	---
Tangerines:									
Bearing	23	29	31	318	600	630	43	73	64
Non-bearing	2	7	5	---	---	---	---	---	---
Total fruits	1,905	2,099 ^{4/}	2,142	18,059	22,770 ^{4/}	20,910	1,103	1,317	1,369
Total vegetables, melons and fruits	6,405	5,721 ^{4/}	5,587	66,201	71,755 ^{4/}	69,090	5,211	5,672	5,962
<u>Miscellaneous crops</u>									
Coffee: ^{6/}									
Bearing	3,773	5,734	6,086	10,530	10,634	12,999	4,180	2,961	3,488
Non-bearing	553	1,055	102	---	---	---	---	---	---
Macadamia nuts: ^{7/}									
Bearing	1,270	2,068	2,109	1,027	2,114	2,616	181	384	480
Non-bearing	1,332	1,475	1,406	---	---	---	---	---	---
Rice ^{8/}	171	80	68	584	244	221	98	40	40
Taro	734	606 ^{4/}	526	11,081	10,200	9,706	500	592	594
Total misc. crops	7,833	11,018 ^{4/}	10,297	23,222	23,192	25,542	4,959	3,977	4,602
Total diversified crops	14,238	16,739 ^{4/}	15,884	89,423	94,947 ^{4/}	94,632	10,170	9,649	10,564

^{1/} ACREAGE OF TREE FRUITS, LOTUS ROOT, TARO, AND WATERCRESS : AVERAGE ACREAGE IN CROP FOR YEAR. ACREAGE OF MELONS, OTHER VEGETABLES AND RICE : ACREAGE HARVESTED DURING THE YEAR. ACREAGE OF COFFEE: JANUARY 1; MACADAMIA NUTS: DECEMBER 31. ^{2/} PRODUCTION IS ESTIMATED FROM RECORDED MARKETINGS WITH ADJUSTMENTS FOR DIRECT SALES TO RETAILERS OR CONSUMERS BY FARMERS. LOSSES RESULTING FROM MARKET GLUTS ARE INCLUDED IN THE PRODUCTION ESTIMATES. ^{3/} VALUE IS BASED ON PRICES RECEIVED BY FARMERS. NO VALUE IS CALCULATED FOR QUANTITIES NOT HARVESTED BECAUSE OF MARKET CONDITIONS. FOR 1960, THE FOLLOWING QUANTITIES AND CROPS WERE NOT MARKETED (1,000 POUNDS): HEAD CABBAGE, 275; MUSTARD CABBAGE, 20; CAULIFLOWER, 10; CUCUMBERS, 20; AVOCADOS, 10; ORANGES, 20; PAPAYAS, 60; AND TANGERINES, 40. ^{4/} REVISED. ^{5/} INCLUDING COOKING BANANAS. ^{6/} CROP YEAR ENDING JUNE 30 FOR PRODUCTION AND VALUE; PARCHMENT BASIS. ^{7/} PRODUCTION AND VALUE ARE IN-SHELL BASIS. ^{8/} PRODUCTION AND VALUE ARE MILLED BASIS.

TABLE 38.—VEGETABLES, FRUITS, AND MISCELLANEOUS CROPS: ACREAGE, PRODUCTION AND VALUE OF MARKETINGS, BY ISLANDS, 1960

COMMODITY	HAWAII			KAUAI			MAUI			MOLOKAI			OAHU		
	ACREAGE 1/	PRODUCTION 2/	VALUE 3/	ACREAGE 1/	PRODUCTION 2/	VALUE 3/	ACREAGE 1/	PRODUCTION 2/	VALUE 3/	ACREAGE 1/	PRODUCTION 2/	VALUE 3/	ACREAGE 1/	PRODUCTION 2/	VALUE 3/
	ACRES	1,000 POUNDS	1,000 DOLLARS	ACRES	1,000 POUNDS	1,000 DOLLARS	ACRES	1,000 POUNDS	1,000 DOLLARS	ACRES	1,000 POUNDS	1,000 DOLLARS	ACRES	1,000 POUNDS	1,000 DOLLARS
VEGETABLES AND MELONS															
BEANS, SNAP.....	28	180	95	6	75	14	18	165	29	---	---	---	87	1,160	231
BROCCOLI.....	9	85	14	---	---	---	4	35	5	---	---	---	25	225	39
BURDOCK.....	40	520	95	---	---	---	---	---	---	---	---	---	---	---	---
CABBAGE, HEAD.....	71	1,065	44	2	30	2	360	7,165	266	---	---	---	16	235	13
CABBAGE, CHINESE.....	102	1,545	126	2	25	3	43	715	62	---	---	---	47	560	55
CABBAGE, MUSTARD.....	2	30	3	---	---	---	8	60	6	---	---	---	75	1,210	106
CARROTS.....	15	175	12	---	---	---	25	330	21	---	---	---	---	---	---
CAULIFLOWER.....	---	---	---	---	---	---	31	350	31	---	---	---	---	---	---
CELERY.....	40	1,745	142	---	---	---	1	30	3	---	---	---	---	---	---
CORN, GREEN.....	13	70	5	---	---	---	26	70	5	8	25	2	260	975	81
CUCUMBERS.....	65	1,195	105	38	485	57	25	430	40	1	10	1	89	1,220	144
DAIKON.....	227	2,260	95	---	---	---	7	75	4	---	---	---	70	1,230	76
DASHEENS.....	16	340	64	---	---	---	---	---	---	---	---	---	---	---	---
EGGPLANT.....	5	45	6	3	55	6	5	60	6	2	80	8	20	540	56
GINGER ROOT.....	17	415	82	---	---	---	---	---	---	---	---	---	15	490	96
LETTUCE.....	132	1,540	136	---	---	---	39	350	35	---	---	---	110	1,560	165
LOTUS ROOT.....	---	---	---	---	---	---	---	---	---	---	---	---	66	200	42
ONIONS, DRY.....	---	---	---	---	---	---	92	1,360	73	---	---	---	25	450	36
ONIONS, GREEN.....	5	45	6	---	---	---	---	---	---	---	---	---	50	800	119
PEPPERS, SWEET.....	5	50	8	8	155	24	15	155	22	---	---	---	36	555	88
POTATOES.....	6	50	3	8	60	4	52	345	28	---	---	---	---	---	---
PUMPKINS.....	7	60	4	---	---	---	10	170	13	---	---	---	2	20	2
SQUASH, ITALIAN.....	5	95	11	---	---	---	5	65	7	---	---	---	---	---	---
SWEETPOTATOES.....	31	365	26	8	110	10	3	30	2	---	---	---	77	855	85
TOMATOES.....	114	1,610	221	30	705	106	90	1,625	205	5	85	12	66	1,145	161
WATERCRESS.....	---	---	---	---	---	---	---	---	---	---	---	---	30	3,020	387
CANTALOUPS.....	---	---	---	---	---	---	---	---	---	1	15	2	5	45	7
WATERMELONS.....	15	160	14	11	255	23	56	460	47	8	55	4	248	1,770	159
TOTAL VEGETABLES AND MELONS															
..... 1960	970	13,645	1,257	116	1,955	249	915	14,045	910	25	270	29	1,419	18,265	2,148
..... 1959	1,199	13,385	1,173	153	2,425	249	1,005	14,480	877	35	335	33	1,230	18,360	2,023
AVERAGE 1949-58	1,164	13,254	1,088	222	2,530	243	1,200	13,320	868	52	362	31	1,862	18,676	1,878
FRUITS															
AVOCADOS:															
BEARING.....	146	700	47	6	50	4	17	165	12	---	---	---	5	35	3
NON-BEARING.....	14	---	---	---	---	---	11	---	---	---	---	---	---	---	---
BANANAS: 1/2															
BEARING.....	112	1,050	77	25	695	50	25	290	18	4	80	6	701	4,775	320
NON-BEARING.....	129	---	---	57	---	---	20	---	---	2	---	---	46	---	---

ORANGES:																
BEARING	28	415	25	---	---	---	---	---	---	---	---	---	---	---	---	---
NON-BEARING	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PAPAYAS:																
BEARING	325	6,540	362	1	20	2	26	520	33	1	25	2	159	4,920	344	
NON-BEARING	153	---	---	3	---	---	9	---	---	3	---	---	76	---	---	
TANGERINES:																
BEARING	31	630	64	---	---	---	---	---	---	---	---	---	---	---	---	---
NON-BEARING	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL FRUITS																
1960	945	9,335	575	92	765	56	108	975	63	10	105	8	987	9,730	667	
1959	911	12,140	639	55	260	16	97	540	29	9	140	8	1,027	9,690	625	
AVERAGE 1949-58	434	4,841	302	24	234	14	101	612	35	16	162	8	1,330	12,210	744	
TOTAL VEGETABLES, MELONS AND FRUITS																
1960	1,915	22,980	1,832	208	2,720	305	1,023	15,020	973	35	375	37	2,406	27,995	2,815	
1959	2,110	25,525	1,812	208	2,685	265	1,102	15,020	906	44	475	41	2,257	28,050	2,648	
AVERAGE 1949-58	1,598	18,095	1,390	246	2,764	257	1,301	13,932	903	68	524	39	3,192	30,886	2,622	
MISCELLANEOUS CROPS																
COFFEE: 5/																
BEARING	6,086	12,999	3,488	---	---	---	---	---	---	---	---	---	---	---	---	---
NON-BEARING	102	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MACADAMIA NUTS: 6/																
BEARING	1,881	2,460	453	97	55	10	29	16	3	2	---	---	100	85	14	
NON-BEARING	952	---	---	92	---	---	327	---	---	---	---	---	35	---	---	
RICE 7/																
TARO	114	1,976	134	212	4,960	266	81	1,700	102	4	20	1	115	1,650	91	
TOTAL MISC. CROPS																
1960	9,135	17,435	4,075	469	4,636	316	437	1,716	105	6	20	1	250	1,735	105	
1959	9,763	13,781	3,392	474	4,613	306	476	1,691	98	10	90	6	295	3,017	175	
AVERAGE 1949-58	6,448	13,672	4,449	563	3,829	258	327	1,478	66	26	255	11	469	3,988	175	
TOTAL DIVER. CROPS																
1960	11,050	40,415	5,907	677	7,356	621	1,460	16,736	1,078	41	395	38	2,656	29,730	2,920	
1959	11,873	39,306	5,204	682	7,298	571	1,578	16,711	1,004	54	565	47	2,552	31,067	2,823	
AVERAGE 1949-58	8,046	31,767	5,839	809	6,593	515	1,628	15,410	969	94	779	50	3,661	34,874	2,797	

1/ ACREAGE OF TREE FRUITS, LOTUS ROOT, TARO, AND WATERCRESS: AVERAGE ACREAGE IN CROP FOR YEAR. ACREAGE OF MELONS, OTHER VEGETABLES AND RICE: ACREAGE HARVESTED DURING THE YEAR. ACREAGE OF COFFEE: JANUARY 1. ACREAGE OF MACADAMIA NUTS: DECEMBER 31.

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

3/ VALUE IS BASED ON PRICES RECEIVED BY FARMERS. NO VALUE IS CALCULATED FOR QUANTITIES NOT HARVESTED BECAUSE OF MARKET CONDITIONS.

4/ INCLUDING COOKING BANANAS.

5/ CROP YEAR ENDING JUNE 30 FOR PRODUCTION AND VALUE; PARCHMENT BASIS.

6/ PRODUCTION AND VALUE ARE IN-SHELL BASIS.

7/ PRODUCTION AND VALUE ARE MILLED BASIS.

TABLE 39.—VEGETABLES, FRUITS, AND TARO: PRODUCTION, BY MONTHS, 1960

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	1,000 POUNDS												
VEGETABLES AND MELONS													
BEANS, SNAP.....	110	155	135	130	120	105	140	140	140	130	140	135	1,580
BROCCOLI.....	37	37	40	33	32	32	28	28	18	18	23	19	345
BURDOCK.....	20	45	45	40	50	50	40	50	50	35	35	60	520
CABBAGE, HEAD.....	658	675	871	708	762	735	630	673	678	688	724	693	8,495
CABBAGE, CHINESE.....	271	317	241	298	208	192	192	272	262	252	168	172	2,845
CABBAGE, MUSTARD.....	108	137	120	89	114	89	70	104	128	108	123	110	1,300
CARROTS.....	20	25	40	60	90	60	55	45	45	20	25	20	505
CAULIFLOWER.....	50	40	85	35	30	30	15	20	10	10	10	15	350
CELERY.....	70	120	150	146	186	142	132	168	185	170	158	148	1,775
CORN, GREEN.....	34	39	69	107	110	104	113	115	122	115	120	92	1,140
CUCUMBERS.....	183	196	145	370	390	340	310	335	215	248	308	300	3,340
DAIKON.....	295	270	285	270	355	320	305	320	325	275	250	295	3,565
DASHEENS.....	10	25	25	10	10	10	30	45	45	55	15	60	340
EGGPLANT.....	78	83	86	92	73	53	47	50	50	53	53	62	780
GINGER ROOT.....	110	90	65	45	55	50	70	75	60	60	105	120	905
LETTUCE.....	185	275	335	310	390	345	355	315	250	225	230	235	3,450
LOTUS ROOT.....	30	20	15	5	1	1	3	15	25	25	25	35	200
ONIONS, DRY.....	180	240	355	270	420	230	60	30	10	---	---	15	1,810
ONIONS, GREEN.....	72	72	71	67	65	64	69	60	65	75	80	85	845
PEPPERS, SWEET.....	65	82	86	81	111	101	81	85	45	38	65	75	915
POTATOES.....	46	75	50	41	32	41	45	30	30	10	30	25	455
PUMPKINS.....	17	8	10	19	44	32	16	15	14	37	27	11	250
SQUASH, ITALIAN.....	10	11	6	8	8	23	11	15	21	16	18	13	160
SWEETPOTATOES.....	75	85	87	152	138	118	86	115	110	112	136	146	1,360
TOMATOES.....	417	351	450	475	605	635	478	407	257	317	296	482	5,170
WATERCRESS.....	265	255	245	235	240	235	245	250	265	260	255	270	3,020
CANTALOUPS.....	---	---	---	10	15	15	5	---	5	10	---	---	60
WATERMELONS.....	15	20	35	220	488	540	812	385	80	63	32	10	2,700
TOTAL VEGETABLES AND MELONS.....	3,431	3,748	4,147	4,326	5,142	4,692	4,443	4,162	3,510	3,425	3,451	3,703	48,180
FRUITS													
AVOCADOS.....	86	126	111	111	86	56	46	40	53	68	98	69	950
BANANAS.....	406	401	405	379	450	460	535	708	747	842	792	765	6,890
ORANGES.....	75	10	5	---	---	---	---	---	15	140	130	40	415
PAPAYAS.....	683	907	783	803	1,119	1,178	998	944	956	1,256	1,305	1,093	12,025
TANGERINES.....	155	15	5	3	2	---	---	---	---	20	225	205	630
TOTAL FRUITS.....	1,405	1,459	1,309	1,296	1,657	1,694	1,579	1,692	1,771	2,326	2,550	2,172	20,910
TARO (FOR PROCESSING).....	722	707	802	757	807	802	862	917	797	792	860	861	9,706

TABLE 40.—VEGETABLES, FRUITS AND MISCELLANEOUS CROPS: YIELD PER ACRE, AVERAGE 1949-58 AND ANNUAL 1959-60

COMMODITY	STATE			HAWAII			KAUAI			MAUI			MOLOKAI			OAHU		
	AVERAGE 1949-58	1959	1960	AVERAGE 1949-58	1959	1960	AVERAGE 1949-58	1959	1960	AVERAGE 1949-58	1959	1960	AVERAGE 1949-58	1959	1960	AVERAGE 1949-58	1959	1960
	1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS		
VEGETABLES AND MELONS																		
BEANS, SNAP	8.8	10.9	11.3	7.9	5.5	6.4	8.5	15.0	12.5	7.7	12.5	9.2	---	---	---	9.4	14.4	13.9
BROCCOLI	5.8	7.8	9.1	5.6	8.1	9.4	---	---	---	5.8	6.7	8.8	---	---	---	6.0	7.8	9.0
BURDOCK	14.1	12.3	13.0	14.5	12.3	13.0	---	---	---	7.5	---	---	---	---	---	---	---	---
CABBAGE, HEAD	15.3	18.0	18.9	14.7	13.7	15.0	12.3	14.2	15.0	15.9	19.5	19.9	---	---	---	13.4	15.0	14.7
CABBAGE, CHINESE	10.3	12.8	14.7	11.2	12.3	15.1	8.7	15.0	12.5	10.3	15.1	16.6	---	---	---	9.9	11.5	11.9
CABBAGE, MUSTARD	---	15.4	15.3	---	14.0	15.0	---	---	---	---	7.0	7.5	---	---	---	---	16.1	16.1
CARROTS	9.6	10.8	12.6	9.1	11.8	11.7	---	---	---	9.9	10.5	13.2	---	---	---	---	---	---
CAULIFLOWER	8.9	12.6	11.3	---	---	---	---	---	---	9.0	12.6	11.3	---	---	---	---	---	---
CELERY	29.0	40.7	43.3	29.5	42.2	43.6	---	---	---	26.3	28.3	30.0	---	---	---	---	---	---
CORN, GREEN	3.5	3.4	3.7	4.2	5.2	5.4	---	---	---	3.6	2.4	2.7	3.2	2.6	3.1	3.3	3.2	3.8
CUCUMBERS	11.0	12.8	15.3	14.1	12.2	18.4	13.2	13.4	12.8	9.4	13.6	17.2	8.6	10.0	10.0	9.5	13.0	13.7
DAIKON	12.4	10.3	11.7	11.2	8.4	10.0	---	---	---	14.8	13.8	10.7	---	---	---	17.0	17.6	17.6
DASHEENS	15.0	17.5	21.2	17.5	17.5	21.2	---	---	---	---	---	---	---	---	---	---	---	---
EGGPLANT	16.2	24.7	22.3	13.9	13.3	9.0	12.4	20.0	18.3	14.5	13.0	12.0	12.6	37.5	40.0	18.5	33.5	27.0
GINGER ROOT	35.8	29.2	28.3	38.4	26.1	24.4	---	---	---	---	---	---	---	---	---	31.2	30.9	32.7
LETTUCE	9.8	9.6	12.3	8.9	7.9	11.7	---	---	---	8.9	7.4	9.0	---	---	---	13.0	12.9	14.2
LOTUS ROOT	6.6	4.8	3.0	---	---	---	---	---	---	---	---	---	---	---	---	6.6	4.8	3.0
ONIONS, DRY	10.7	14.9	15.5	---	---	---	---	---	---	10.7	14.5	14.8	---	---	---	13.8	18.2	18.0
ONIONS, GREEN	12.5	13.7	15.4	9.4	7.9	9.0	---	---	---	---	---	---	---	---	---	13.0	15.2	16.0
PEPPERS, SWEET	10.1	14.6	14.3	9.5	10.0	10.0	11.9	19.4	19.4	9.5	10.9	10.3	---	---	---	10.0	17.7	15.4
POTATOES	5.9	7.1	6.9	6.4	8.8	8.3	5.9	7.0	7.5	5.8	7.0	6.6	---	---	---	---	---	---
PUMPKINS	10.0	15.2	13.2	9.0	8.6	8.6	---	---	---	10.3	19.0	17.0	---	---	---	10.0	10.0	10.0
SQUASH, ITALIAN	14.0	12.5	16.0	14.3	12.5	19.0	---	---	---	12.4	12.5	13.0	---	---	---	---	---	---
SWEETPOTATOES	8.7	11.4	11.4	9.4	11.5	11.8	8.8	11.8	13.8	7.7	8.0	10.0	---	---	---	8.7	11.4	11.1
TOMATOES	11.8	16.0	17.0	12.8	13.5	14.1	13.1	19.9	23.5	10.6	15.1	18.1	10.8	15.0	17.0	12.0	20.1	17.3
WATERCRESS	84.7	100.0	100.7	---	---	---	---	---	---	---	---	---	---	---	---	90.1	100.0	100.7
CANTALOUPS	6.8	8.5	10.0	---	---	---	---	---	---	7.9	5.0	---	11.8	16.7	15.0	5.8	9.5	9.0
WATERMELONS	6.8	10.7	8.0	8.1	11.7	10.7	13.4	22.3	23.2	6.2	8.3	8.2	4.9	11.7	6.9	6.6	10.6	7.1
FRUITS ^{1/}																		
AVOCADOS	6.0	6.2	5.5	5.9	5.9	4.8	7.8	5.8	8.3	7.2	7.6	9.7	---	---	---	4.7	7.0	7.0
BANANAS	7.4	7.3	7.9	10.9	8.5	9.4	10.4	13.2	27.8	7.9	9.4	11.6	6.5	16.7	20.0	7.1	7.0	6.8
ORANGES	11.0	16.1	14.8	11.0	16.1	14.8	---	---	---	---	---	---	---	---	---	---	---	---
PAPAYAS	22.2	26.8	23.4	26.4	27.4	20.1	20.4	20.0	20.0	10.9	14.7	20.0	21.8	22.5	25.0	21.3	26.9	30.9
TANGERINES	13.8	20.7	20.3	13.8	20.7	20.3	---	---	---	---	---	---	---	---	---	---	---	---
MISCELLANEOUS CROPS																		
COFFEE ^{1/} ^{2/}	2.8	1.9	2.1	2.8	1.9	2.1	---	---	---	---	---	---	---	---	---	---	---	---
MACADAMIA NUTS ^{1/} ^{3/}	0.8	1.0	1.2	0.8	1.1	1.3	1.0	0.9	0.6	0.3	0.6	0.6	---	---	---	1.0	0.7	0.8
RICE ^{4/}	3.4	3.1	3.2	---	---	---	3.4	3.1	3.2	---	---	---	---	---	---	---	---	---
TARO	15.1	16.8	18.5	15.1	8.6	17.3	18.9	20.9	20.6	17.2	18.2	21.0	10.4	11.2	5.0	12.8	18.4	14.3

^{1/} BEARING ACRE-YIELD. ^{2/} PARCHMENT BASIS. ^{3/} IN-SHELL BASIS. ^{4/} MILLED BASIS.

SECTION V LIVESTOCK

TABLE 41.—BEEF CATTLE: ACREAGE GRAZED, NUMBER ON RANCHES, SLAUGHTER, AND CARCASS VALUE, 1951-60 ^{1/}

YEAR	ACREAGE USED FOR PASTURE ^{2/}	CATTLE ON RANCHES ^{2/}	ANNUAL SLAUGHTER ^{3/}		
			NUMBER	DRESSED WEIGHT	VALUE ^{4/}
	1,000 ACRES	NUMBER		1,000 POUNDS	1,000 DOLLARS
1951.....	1,450	146,900	33,400	16,801	7,495
1952.....	1,455	147,300	33,650	16,915	7,413
1953.....	1,478	155,300	30,030	13,983	5,596
1954.....	1,357	152,300	34,350	16,895	6,448
1955.....	1,044	158,900	36,430	19,379	7,207
1956.....	1,022	156,800	38,030	19,885	7,045
1957.....	1,008	160,500	39,730	21,112	7,730
1958.....	1,019	162,100	43,260	21,965	8,880
1959.....	1,079	164,500	43,790	22,896	9,609
1960.....	1,075	168,600	42,720	22,764	9,342

- 1/ RANCHES WITH HERDS OF 20 HEAD OR MORE, UNLESS OTHERWISE INDICATED.
 2/ DECEMBER 31 FOR 1951-55; JANUARY 1, FOLLOWING YEAR FOR 1956-60.
 3/ 1954-60 DATA INCLUDE SLAUGHTER FROM ALL RANCHES, REGARDLESS OF SIZE.
 4/ BASED ON PRICES RECEIVED BY FARMERS.

TABLE 42.—BEEF CATTLE: RANCHES AND NUMBERS, JANUARY 1, 1961 AND SLAUGHTER AND CARCASS VALUE, BY ISLANDS, 1960 ^{1/}

ISLAND	RANCHES	ACREAGE USED	CATTLE ON RANCHES	ANNUAL SLAUGHTER ^{2/}		
				NUMBER	DRESSED WEIGHT	VALUE ^{3/}
	NUMBER	1,000 ACRES	NUMBER		1,000 POUNDS	1,000 DOLLARS
HAWAII.....	180	688	101,500	22,680	12,202	4,795
KAUAI/NIIHAU.....	50	129	14,800	4,100	2,214	919
MAUI.....	93	152	36,000	7,680	3,978	1,718
MOLOKAI.....	46	79	6,500	1,040	506	203
OAHU.....	41	27	9,800	7,220	3,864	1,707
STATE.....	410	1,075	168,600	42,720	22,764	9,342

- 1/ RANCHES WITH HERDS OF 20 HEAD OR MORE, UNLESS OTHERWISE INDICATED.
 2/ SLAUGHTER FROM ALL RANCHES, REGARDLESS OF SIZE; INCLUDING CALVES.
 3/ BASED ON PRICES RECEIVED BY FARMERS.

TABLE 43.—DAIRIES: NUMBER OF DAIRIES AND MILK COWS, MILK MARKETED, SLAUGHTER, AND VALUE OF PRODUCTS, 1951-60 ^{1/}

YEAR	DAIRIES ^{2/}	NUMBER OF MILK COWS ^{2/}	ANNUAL MILK PRODUCTION PER COW ^{3/}	VOLUME OF MARKETINGS			VALUE OF MARKETINGS		
				CATTLE AND CALVES		TOTAL MILK	MEAT ^{4/}	MILK ^{5/}	TOTAL
				NUMBER	DRESSED WEIGHT				
	NUMBER		QUARTS	1,000 POUNDS	1,000 QUARTS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	
1951	74	11,090	3,541	3,070	1,130	38,436	469	7,368	7,837
1952	75	10,750	3,477	2,620	1,384	37,242	602	7,262	7,864
1953	79	11,360	3,613	1,770	902	40,242	310	7,478	7,788
1954	85	11,120	3,650	2,030	956	40,505	261	7,500	7,761
1955	86	11,340	3,723	2,170	1,066	41,922	258	7,832	8,090
1956	89	12,570	3,842	2,810	1,541	46,788	357	8,658	9,015
1957	90	13,270	3,965	3,230	1,676	50,667	425	8,969	9,394
1958	90	13,230	4,082	3,670	2,005	52,841	583	9,803	10,386
1959	82	13,010	4,176	3,290	1,853	52,082	576	9,884	10,460
1960	80	13,430	4,268	3,420	1,972	54,014	589	10,364	10,953

^{1/} DAIRIES WITH HERDS OF 10 OR MORE MILK COWS.

^{2/} AUGUST 31 FOR 1951-55; JANUARY 1, FOLLOWING YEAR FOR 1956-60.

^{3/} BASED ON AVERAGE NUMBER OF MILK COWS DURING YEAR.

^{4/} BASED ON PRICES RECEIVED BY FARMERS.

^{5/} BASED ON PRICES RECEIVED BY FARMERS, DELIVERED BOTTLING PLANT FOR 1951-57; ON PRICES RECEIVED FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS FOR 1958-60.

TABLE 44.—DAIRIES: AVERAGE NUMBER OF COWS, MILK PRODUCTION PER COW, MILK MARKETED, SLAUGHTER, AND VALUE OF PRODUCTS, BY ISLANDS, 1960

ISLAND	AVERAGE NUMBER OF COWS, 1960	ANNUAL MILK PRODUCTION PER COW	VOLUME OF MARKETINGS			VALUE OF MARKETINGS		
			CATTLE AND CALVES		MILK	MEAT ^{1/}	MILK ^{2/}	TOTAL
			NUMBER	DRESSED WEIGHT				
		QUARTS	1,000 POUNDS	1,000 QUARTS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	
HAWAII	960	3,203	360	195	2,837	62	524	586
KAUAI	560	3,579	120	66	1,982	22	523	545
MAUI/MOLOKAI ^{3/}	760	3,743	160	88	2,441	28	687	715
OAHU	10,800	4,439	2,780	1,623	46,754	477	8,630	9,107
STATE	13,080	4,268	3,420	1,972	54,014	589	10,364	10,953

^{1/} BASED ON PRICES RECEIVED BY FARMERS.

^{2/} BASED ON PRICES RECEIVED BY FARMERS FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS.

^{3/} DATA COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

TABLE 45.--DAIRIES: NUMBER OF FARMS, BY SIZE AND ISLANDS, JANUARY 1, 1961

ISLAND	TOTAL FARMS	FARMS WITH SIZE OF HERD--			
		300 OR MORE	150 TO 299	50 TO 149	10 TO 49
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HAWAII	15	---	2	5	8
KAUAI	6	---	1	3	2
MAUI/MOLOKAI	6	1	1	1	3
OAHU	53	9	14	26	4
STATE	80	10	18	35	17

 TABLE 46.--HOGS: NUMBERS, SLAUGHTER, AND LIVE WEIGHT VALUE, 1951-60^{1/}

YEAR	NUMBER OF FARMS ^{2/}	HOGS ABOVE WEANING AGE ^{2/}				SUCKLING PIGS ^{2/}	ANNUAL SLAUGHTER ^{3/}			
		TOTAL HOGS AND PIGS	BOARS	SOWS AND GILTS	MARKET HOGS		NUMBER	AVERAGE LIVE WEIGHT	LIVE WEIGHT	VALUE ^{4/}
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	1,000 POUNDS	1,000 DOLLARS	
1951	560	68,210	1,090	9,740	41,540	15,840	60,200	154	9,377	3,470
1952	588	79,850	1,190	10,810	49,730	18,620	66,900	164	10,975	3,951
1953	516	77,550	1,050	9,140	49,360	18,000	78,700	165	12,982	3,853
1954	419	68,580	890	7,950	44,950	14,790	76,400	160	12,275	3,980
1955	395	72,850	910	8,370	47,120	16,450	70,250	160	11,274	3,833
1956	358	71,510	870	8,080	48,090	14,470	73,000	167	12,214	3,628
1957	323	59,010	^{5/}	6,940	^{5/}	^{5/}	74,030	160	11,842	3,654
1958	307	55,310	^{5/}	6,930	^{5/}	^{5/}	73,390	157	11,553	3,872
1959	297	58,990	^{5/}	7,140	^{5/}	^{5/}	66,530	162	10,759	3,731
1960	284	54,920	^{5/}	6,660	^{5/}	^{5/}	70,060	166	11,644	3,687

^{1/} FARMS WITH HERDS OF 10 OR MORE HEAD OF ALL AGES.

^{2/} AUGUST 31 FOR YEARS 1951-55, JANUARY 1, FOLLOWING YEAR FOR 1956-60.

^{3/} SLAUGHTER HOGS IMPORTED FROM THE MAINLAND ARE NOT INCLUDED.

^{4/} BASED ON PRICES RECEIVED BY FARMERS.

^{5/} NOT ESTIMATED; SEE TABLE 47 FOR REVISED CLASSIFICATION.

TABLE 47.--HOGS: NUMBERS, JANUARY 1, 1961, SLAUGHTER AND LIVE WEIGHT VALUE AND PIG CROP, BY ISLANDS, 1960

ISLAND	NUMBER ON JANUARY 1, 1961				PIG CROP, 1960		SLAUGHTER, 1960			
	TOTAL HOGS AND PIGS	SOWS AND GILTS	OTHER HOGS 6 MONTHS AND OVER	PIGS UNDER 6 MONTHS	SOWS FARROWED	PIGS BORN ALIVE	NUMBER	AVERAGE LIVE WEIGHT	LIVE WEIGHT	VALUE ^{1/}
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		POUNDS	1,000 POUNDS	1,000 DOLLARS
HAWAII.....	3,890	450	1,150	2,290	690	6,150	6,590	163	1,075	364
KAUAI.....	2,540	370	590	1,580	440	3,530	2,880	147	424	176
MAUI.....	2,130	250	400	1,480	435	3,760	4,460	151	676	293
MOLOKAI/LANAI.....	430	70	140	220	120	960	400	162	64	23
OAHU.....	45,930	5,520	13,070	27,340	9,250	76,410	55,730	169	9,405	2,891
STATE.....	54,920	6,660	15,350	32,910	10,935	90,810	70,060	166	11,644	3,687

^{1/} BASED ON PRICES RECEIVED BY FARMERS.

TABLE 48.--HOGS: NUMBER OF FARMS, BY SIZE OF HERD AND ISLANDS, JANUARY 1, 1961

ISLAND	TOTAL FARMS	FARMS WITH SIZE OF HERD--			
		500 AND OVER	300 TO 499	100 TO 299	10 TO 99
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HAWAII.....	41	---	2	14	25
KAUAI.....	37	---	---	8	29
MAUI.....	34	---	---	7	27
MOLOKAI/LANAI.....	11	---	---	1	10
OAHU.....	161	25	27	63	46
STATE.....	284	25	29	93	137

TABLE 49.--CHICKENS: PRODUCTION, MARKETINGS, AND VALUE OF MEAT BIRDS AND EGGS MARKETED, 1951-60 ^{1/}

YEAR	MEAT BIRDS MARKETED			EGGS		
	NUMBER	LIVE WEIGHT	VALUE ^{2/}	PRODUCTION	MARKETINGS	VALUE OF MARKETINGS ^{2/}
	1,000 BIRDS	1,000 POUNDS	1,000 DOLLARS	1,000 DOZENS	1,000 DOZENS	1,000 DOLLARS
1951	740	2,671	1,437	4,042	3,935	3,224
1952	793	2,835	1,345	4,882	4,753	3,722
1953	807	3,382	1,733	5,360	5,244	4,036
1954	924	3,799	1,809	5,995	5,838	4,121
1955	1,003	4,282	1,925	6,591	6,405	4,311
1956	1,044	4,267	1,892	7,872	7,704	4,923
1957	1,177	4,995	2,062	8,834	8,668	5,091
1958	1,213	4,786 ^{3/}	1,848	9,397	8,975	5,900
1959	1,986	5,145 ^{3/}	1,950 ^{3/}	9,917	9,479	5,806
1960	1,428	5,647	2,045	11,004	10,700	6,433

^{1/} FLOCKS OF 100 OR MORE LAYERS OR 500 OR MORE MEAT BIRDS.

^{2/} BASED ON WHOLESALE PRICES FOR 1951-57; PRICES RECEIVED BY FARMERS FOR 1958-60.

^{3/} REVISED.

TABLE 50.--CHICKENS: NUMBERS ON FARMS AND ANNUAL RATE OF LAY, 1951-60 ^{1/}

YEAR	TOTAL CHICKENS	LAYERS	PULLETS, 6 WEEKS TO LAYING	OTHER CHICKENS, OVER 6 WEEKS	CHICKS, UNDER 6 WEEKS	ANNUAL RATE OF LAY ^{2/}
	1,000 BIRDS	1,000 BIRDS	1,000 BIRDS	1,000 BIRDS	1,000 BIRDS	Eggs
1951	680	312	123	109	136	159.6
1952	739	378	118	106	137	155.9
1953	752	398	149	95	110	168.6
1954	843	416	179	109	139	179.3
1955	820	408	179	93	140	190.0
1956	964	524	178	114	148	192.9
1957	932	530	^{3/}	^{3/}	^{3/}	204.2
1958	1,032	552	^{3/}	^{3/}	^{3/}	204.8
1959	1,100	576	^{3/}	^{3/}	^{3/}	207.4
1960	1,189	655	^{3/}	^{3/}	^{3/}	209.5

^{1/} NUMBERS ON AUGUST 31 FOR 1951-55; JANUARY 1 FOLLOWING YEAR FOR 1956-60.

^{2/} BASED ON ANNUAL AVERAGE NUMBER OF LAYERS.

^{3/} NOT ESTIMATED; SEE TABLE 54 FOR REVISED CLASSIFICATION.

TABLE 51.--CHICKENS: NUMBER OF FARMS, BY SIZE OF FLOCK, 1951-60 ^{1/}

YEAR	TOTAL FARMS	FARMS WITH LAYING FLOCKS OF--				FARMS WITH BROILER FLOCKS ^{2/}
		3,000 AND OVER	1,500 TO 2,999	500 TO 1,499	100 TO 499	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1951	397	17	38	121	214	7
1952	375	22	50	118	172	18
1953	340	27	38	131	134	10
1954	329	27	52	120	114	16
1955	332	25	52	120	121	14
1956	306	43	47	119	82	15
1957	267	41	48	87	76	15
1958	247	55	41	70	61	20
1959	225	55	43	64	45	18
1960	202	58	45	40	43	16

^{1/} AUGUST 31 FOR 1951-55, JANUARY 1 FOLLOWING YEAR FOR 1956-60. NUMBER OF FARMS BY SIZE GROUP REVISED FOR 1951-55 ACCORDING TO REVISED CLASSIFICATION OF FARMS WITH BROILER FLOCKS.

^{2/} FARMS PRIMARILY FOR BROILER PRODUCTION WITH FLOCKS OF 500 OR MORE MEAT BIRDS BUT LESS THAN 100 LAYERS.

TABLE 52.--CHICKENS: PRODUCTION, MARKETINGS, AND VALUE OF MEAT BIRDS AND EGGS MARKETED BY ISLANDS, 1960

ISLAND	MEAT BIRDS MARKETED			EGGS		
	NUMBER	LIVE WEIGHT	VALUE ^{1/}	PRODUCTION	MARKETINGS	VALUE OF MARKETINGS ^{1/}
	1,000 BIRDS	1,000 POUNDS	1,000 DOLLARS	1,000 DOZENS	1,000 DOZENS	1,000 DOLLARS
HAWAII	172	620	246	1,956	1,828	1,061
KAUAI	120	498	191	1,213	1,173	700
MAUI	72	327	130	792	778	494
MOLOKAI	3	16	8	12	12	9
OAHU	1,056	4,186	1,440	7,031	6,909	4,169
STATE	1,423	5,647	2,015	11,004	10,700	6,433

^{1/} BASED ON PRICES RECEIVED BY FARMERS.

TABLE 53.--CHICKENS: NUMBER OF FARMS, BY SIZE OF FLOCK, BY ISLANDS, JANUARY 1, 1961

ISLAND	TOTAL FARMS	FARMS PRINCIPALLY FOR EGG PRODUCTION WITH LAYING FLOCKS OF--				FARMS WITH BROILER FLOCKS ^{1/}
		3,000 OR MORE	1,500 TO 2,999	500 TO 1,499	100 TO 499	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HAWAII.....	69	11	19	16	21	2
KAUAI.....	25	8	7	6	4	---
MAUI.....	17	6	1	4	5	1
MOLOKAI.....	3	---	---	---	3	---
OAHU.....	88	33	18	14	10	13
STATE.....	202	58	45	40	43	16

^{1/} FARMS PRIMARILY FOR BROILER PRODUCTION WITH FLOCKS OF 500 OR MORE MEAT BIRDS BUT LESS THAN 100 LAYERS.

TABLE 54.--CHICKENS: NUMBER ON FARMS, JANUARY 1, 1961 AND ANNUAL RATE OF LAY, BY ISLANDS, 1960

ISLAND	TOTAL CHICKENS	LAYERS	NON-LAYING PULLETS 3 MONTHS AND OVER	CHICKS AND YOUNG CHICKENS UNDER 3 MONTHS	OTHER CHICKENS	ANNUAL RATE OF LAY ^{1/}
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HAWAII.....	171,000	106,500	19,000	41,300	4,200	212.1
KAUAI.....	121,800	73,100	17,600	30,900	200	218.2
MAUI.....	70,600	44,900	7,200	17,800	700	212.7
MOLOKAI.....	1,800	700	100	900	100	194.6
OAHU.....	823,900	429,600	125,700	264,800	3,800	207.4
STATE.....	1,189,100	654,800	169,600	355,700	9,000	209.5

^{1/} BASED ON ANNUAL AVERAGE NUMBER OF LAYERS.

TABLE 55.--HONEY AND BEESWAX: NUMBER OF PRODUCERS, COLONIES, PRODUCTION AND VALUE OF PRODUCTS, 1951-60

YEAR	PRODUCERS	COLONIES	HONEY ^{1/}			BEE SWAX		TOTAL VALUE
			PRODUCTION			PRODUCTION	VALUE	
			PER COLONY	TOTAL	VALUE			
NUMBER	NUMBER	POUNDS	1,000 POUNDS	1,000 DOLLARS	1,000 POUNDS	1,000 DOLLARS	1,000 DOLLARS	
1951	27	10,053	88	888	75.6	12.7	6.6	82.2
1952	27	11,911	49	584	55.5	7.3	3.3	58.8
1953	27	9,270	7	68	7.1	6.0	2.4	9.5
1954	27	8,925	37	332	34.1	6.6	2.8	36.9
1955	29	7,155	37	262	29.3	7.8	3.6	32.9
1956	27	7,050	35	307	35.2	5.8	3.1	38.3
1957	24	7,030	54	377	40.6	8.0	4.7	45.3
1958	20	6,700	52	352	35.6	6.5	3.0	38.6
1959	21	6,210	47	295	33.4	5.8	2.4	35.8
1960	18	6,070	40	243	27.8	4.1	1.8	29.6

^{1/} EXTRACTED.

TABLE 56.--HONEY AND BEESWAX: NUMBER OF PRODUCERS, COLONIES, PRODUCTION AND VALUE OF PRODUCTS, BY ISLANDS, 1960

ISLAND	PRODUCERS	COLONIES	HONEY ^{1/}			BEE SWAX		TOTAL VALUE
			PRODUCTION			PRODUCTION	VALUE	
			PER COLONY	TOTAL	VALUE			
NUMBER	NUMBER	POUNDS	1,000 POUNDS	1,000 DOLLARS	1,000 POUNDS	1,000 DOLLARS	1,000 DOLLARS	
HAWAII	5	1,000	122	122	18.4	1.6	0.7	19.1
KAUAI/NIHAU	2	3,360 ^{2/}	23 ^{2/}	76 ^{2/}	4.8 ^{2/}	1.5 ^{2/}	0.6 ^{2/}	5.4 ^{2/}
MAUI	7	870	29	25	1.8	0.4	0.2	2.0
MOLOKAI	1	^{3/}	^{3/}	^{3/}	^{3/}	^{3/}	^{3/}	^{3/}
OAHU	3	840	24	20	2.8	0.6	0.3	3.1
STATE	18	6,070	40	243	27.8	4.1	1.8	29.6

^{1/} EXTRACTED.

^{2/} DATA COMBINED WITH MOLOKAI TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

^{3/} DATA INCLUDED WITH KAUAI/NIHAU.

APPENDIX

Definitions and Explanations

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 Growers Association of Hawaii.

Data on diversified agriculture are for "commercial" production, which excludes very small enterprises and some of the minor crops. Beginning in 1956 "commercial" production of crops is defined as production from enterprises which yielded \$600 or more of product. Previously there was no specific definition. Commercial production of livestock products is defined as the portion originating from beef cattle herds of 20 or more head, dairy and hog herds of 10 or more, and poultry flocks of 100 or more layers or 500 or more meat birds.

Sources

Basic livestock data are collected annually as of January 1 by mailed questionnaires and enumeration by crop reporters and county agents. Monthly estimates of dairy, poultry, and hog production are obtained from samples of enterprises, supplemented by slaughter records. Production of vegetables and fruits is estimated from recorded wholesale marketings, adjusted for direct sales to retail stores or to consumers, and for losses of mature crops resulting from market conditions. Coffee, rice, and taro production is estimated from milling records. Acreage of diversified crops is obtained by monthly enumeration.

Data on inshipments and outshipments are derived from records of steamship and airline companies, importers, wholesalers, and plant quarantine agencies. Products shipped in in annual quantities of less than 1,000 pounds are excluded. Direct shipments to the Armed Forces are also excluded.

Annual average prices are computed from value and volume of marketings. Prices of vegetables and fruits, formerly shown at the wholesale level, were converted to prices received by farmers. Adjustments were made for wholesale and other handler commissions. For items shipped to Honolulu from other islands, shipping charges were also deducted. Monthly wholesale prices in Honolulu are medians of quotations in the Tuesday or Thursday Federal-State market reports. Annual average wholesale prices are simple averages of monthly prices.

Values are calculated on the basis of prices received by farmers. When not available footnotes explain the type of price data used. 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.

