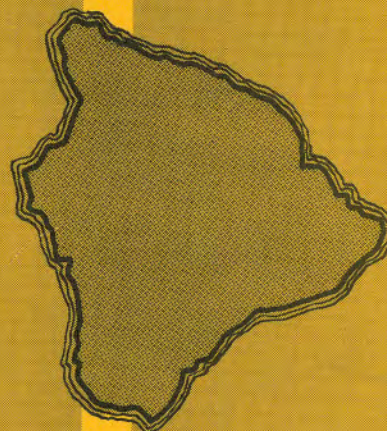
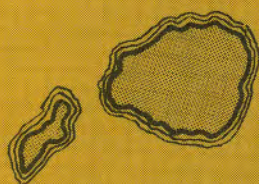


Statistics of Hawaiian Agriculture 1959



Agricultural Economics Report No. 46

JUNE 1960

HAWAII AGRICULTURAL EXTENSION SERVICE, UNIVERSITY OF HAWAII

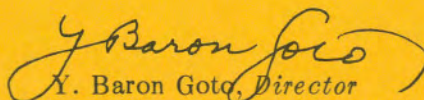
Cooperative Extension Work in Agriculture and Home Economics; College of Tropical Agriculture, University of Hawaii
United States Department of Agriculture Cooperating; Y. Baron Goto, Director, Hawaii Agricultural Extension Service
Distributed in Furtherance of the Acts of Congress of May 8 and June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

FOREWORD

This issue of *Statistics of Hawaiian Agriculture* continues the series of annual publications of basic agricultural data. Revised estimates of crop acreages and production and livestock numbers and production for 1959 originally published monthly in *Agricultural Production and Outlook* are presented herein. 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 publication would not have been possible without the cooperation of farmers, processors and handlers of agricultural products, and various private and government agencies who supplied information voluntarily on their operations. Their cooperation is greatly appreciated. Thanks are also due the staff of regular crop reporters and the county agents who collected much of the material used to compile the tables in this publication.

Hawaii farmers and all persons and agencies with an interest in agriculture need basic facts about agriculture to do an intelligent job of production and marketing and planning for a sound and long-time agricultural program. It is our hope that this publication will make a worthwhile contribution in this respect.



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The following changes should be made in the Statistics of Hawaiian Agriculture, 1959:

Page 13, table 8 - Beef slaughter in 1955 from 56,430 to 36,430.

Page 14, table 9 - Volume of milk marketings, 1959: Hawaii 2838,
Kauai 1854, Maui 2360, Molokai 157, Oahu 44,873,
and State 52,082.

STATISTICS OF HAWAIIAN AGRICULTURE

1959

Issued June 1960 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)

Agricultural Extension Service, University of Hawaii
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HAWAIIAN AGRICULTURE 1959

Marketings of Hawaii's 1959 agricultural products were valued at \$296,000,000. This value was 22 million dollars more than for the previous year. The sugar industry made a partial recovery from the 1958 strike but the increase in value of products of 26 million dollars still left the total value about 15 million dollars below recent pre-strike years. The value of processed pineapple products was about 2 million dollars less in 1959 than in 1958. There was a decrease of 3.4 million dollars in the value of diversified crops due to a large drop in the value of coffee marketings. The value of livestock and livestock products sold was up by about 0.6 million dollars.

Livestock and Livestock Products

Most of the increased value of marketings of livestock and livestock products in 1959 was due to beef cattle. Both the volume of marketings and prices were up in 1959. There was also a small increase in value of marketings for the dairy industry. A slight increase in the price of milk was more than enough to offset a small drop in marketings. In the case of chickens and eggs, marketings were heavier in 1959 but prices were down from the previous year. Prices for hogs averaged higher in 1959 but marketings dropped more than enough to cause the value of marketings to decrease.

The dairy industry was again the leader in the State in value of marketings with 10.5 million dollars. The beef industry was second with 9.6 million dollars and poultry third with 7.7 million dollars. Hogs accounted for 3.7 million dollars.

Oahu was the major producer of livestock and livestock products with 58 percent of the value of marketings in 1959. Hawaii ranked next with about a fourth of the total. Oahu was the major producer of dairy products with 83 percent of the total; of hogs with 79 percent of the total; and of chickens and eggs with 63 percent of the total. Hawaii led in beef production with 56 percent of the total value of beef and was second in production of hogs and of chickens and eggs.

Diversified Crops

The value of sales of diversified crops in 1959 dropped 3.4 million dollars from the previous year to 11.1 million dollars. Coffee sales alone were responsible for a decrease of 3.5 million dollars. A smaller crop and a sharp drop in prices were responsible for this sharp drop. Vegetable and melon sales were down slightly but prices averaged enough higher to keep the value of sales in 1959 the same as a year earlier. Marketings of fruit were off very slightly but prices were up and value was up a little. Macadamia nut sales and value continued to climb.

Vegetables and melons replaced coffee as the leader in value of marketings in 1959. Coffee dropped to second place and fruits were third.

The island of Hawaii was first in value of crop marketings in 1959, mainly because of coffee. Oahu was the leader for vegetables and melons with a little under half of the value and also first for fruits. Hawaii was second in value of marketings of vegetables and melons and also second for fruit. Maui was a close third in value of vegetables and melons.

Land in Crops and Agricultural Enterprises

The total acres of land in crops in 1959 was about the same as for the previous year. The acreage in sugar cane was up slightly while the acreage in pineapple was unchanged. The acreage in diversified crops dropped slightly in 1959. Acreages of all crops except macadamia nuts were smaller. Macadamia nut acreage was up 10 percent.

The number of commercial diversified crop enterprises in 1959 was up from the previous year as a result of increases in numbers of fruit enterprises and macadamia nut enterprises. The number of vegetable enterprises was about the same. The number of coffee enterprises dropped about 3 percent. The total number of crop enterprises was up on Hawaii, Kauai and Maui but down on Oahu and Molokai. The number of enterprises is not a count of farms since a farm may have more than one commercial enterprise. The number of all commercial-size livestock enterprises decreased in 1959 for the State as a whole and for all islands except Kauai and Molokai/Lanai. Most of the decrease was on Oahu. All of the major enterprises decreased in number for the State as a whole.

Inshipments and State Market Supplies

Total State market supplies of vegetables and melons in 1959 were 3.7 million pounds under the previous year. Supplies produced in Hawaii were down 1.2 million pounds as a result of decreased production of lettuce, sweet peppers, tomatoes and watermelons. Inshipments were down 2.5 million pounds from 1958. Potato inshipments alone dropped 3.4 million pounds. There were also decreases in inshipments of dry onions of 0.33 million pounds and head cabbage of 0.28 million pounds. These were not offset by increases of 1.4 million pounds in inshipments of lettuce, tomatoes and watermelons. Total market supplies of fruits were up slightly with the increase in inshipments a little larger than the increase in supplies from local sources.

Hawaii egg production accounted for a slightly smaller proportion of the market supply of eggs in 1959 than the previous year. Inshipments and local production were both up. For chicken meat, inshipments in 1959 gained a larger part of the market supply despite a small increase in production. Beef produced in Hawaii accounted for 57 percent of the total supply of beef in 1959 compared with 59 percent in 1958. Production increased but inshipments increased more. The supply of Hawaii produced pork decreased in 1959 while inshipments were up enough to account for more than 50 percent of the total supply.

Outshipments

Outshipments of fresh pineapple increased again in 1959 to a new high of 14.8 million pounds. However, fresh papaya shipments dropped as a result of the Puna volcanic eruption. Green coffee shipments dropped sharply in 1959 as a result of a smaller crop. Shipments of floral materials increased sharply in 1959. Shipments of processed Hawaiian fruits totaled 1.9 million pounds in 1959, about the same as a year earlier.

SECTION I GENERAL SUMMARIES

Table 1.--Agricultural land utilization, 1950-59^{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			
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>1,000 acres</u>
1950	220,400	70,700	5,340	1,990	3,400	2,080 ^{7/}	190	870	13,750	305	1,430	1,210
1951	221,200	73,600	4,670	1,760	3,450	2,210 ^{7/}	170	870	13,120	308	1,480	1,110
1952	222,000	73,500	4,680	1,780	3,500	2,400 ^{7/}	160	830	13,300	309	1,485	1,065
1953	221,500	73,200	4,430	1,770	3,750	2,640 ^{7/}	200	740	13,470	308	1,510	1,058
1954	220,100	73,200	4,230	1,820	5,010	2,840 ^{7/}	200	610	14,590 ^{8/}	308	1,384	1,045
1955	218,800	76,700	4,340	1,760	5,140	2,850 ^{7/}	200	580	14,770 ^{8/}	310	1,044	1,200
1956	220,600	76,700	4,270	2,000	5,760	3,020 ^{7/}	170	640	15,770	313	1,022	1,200
1957	221,300	76,700	3,990	2,160	6,520	3,060 ^{7/}	130	620	16,370	314 ^{8/}	1,008	1,200
1958	221,700	74,800	3,740	2,160	6,790	3,230 ^{7/}	90	590	16,430	313	1,019	1,200
1959	222,600	74,800	3,610	2,130	6,190	3,540	80	540	16,090	313	1,079	1,199

1/ APPROXIMATE LAND AREA, STATE: 4,099,840 ACRES, 1950 U. S. CENSUS OF AGRICULTURE. 2/ TOTAL CANE LAND AREA DURING YEAR. HAWAIIAN SUGAR PLANTERS' ASSOCIATION DATA. 3/ LAND AREA INCLUDING CROP AREA, CAMPSITES, ROADS, ETC., YEAR ENDING MAY 31. PINEAPPLE GROWERS ASSN. OF HAWAII DATA. 4/ VEGETABLES AND RICE: ACREAGE HARVESTED DURING YEAR. TREE FRUITS AND TARO: AVERAGE ACREAGE IN CROP DURING YEAR. COFFEE AND MACADAMIA NUTS: ACREAGE IN CROP ON DECEMBER 31. 5/ LAND USED FOR PASTURE OR GRAZING OF BEEF CATTLE AND SHEEP DURING YEAR. 6/ STATE DEPARTMENT OF AGRICULTURE AND CONSERVATION DATA. 7/ REVISED. 8/ MOLOKAI NOT INCLUDED.

Table 2.--Agricultural land utilization for diversified crops, by islands, 1959^{1/}

Island	Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro	Total
	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>
Hawaii	1,192	883	6,188	2,833	80	72	11,168
Kauai	153	53	---	189	80	205	680
Maui	1,001	105	---	384	---	92	1,582
Molokai	35	9	---	2	---	8	54
Oahu	1,228	1,080	---	135	---	160	2,603
Total	3,609	2,130	6,188	3,543	80	537	16,087

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

Table 3.--Agricultural land utilization: Index numbers, State, 1950-59
(1947-49 = 100)

Year	Sugar	Pineapples	Diversified crops	Total all crops	Range lands
1950	105	104	107	109	89
1951	105	108	101 ^{1/}	110	92
1952	105	108	103	110	92
1953	105	108	104 ^{1/}	110	93
1954	105	108	114 ^{1/ 2/}	110	86
1955	104	113	115 ^{2/}	110	65
1956	105	113	122 ^{1/}	111	63
1957	105	113	127	112	62
1958	105	110	128	111	63
1959	106	110	124	111	67

^{1/} REVISED.

^{2/} MOLOKAI NOT INCLUDED.

Table 4.--Number of commercial-size enterprises, 1950-59 ^{1/}

Year	Diversified crops						Total ^{4/}
	Vegetables and melons ^{2/}	Fruits ^{3/}	Coffee	Macadamia nuts ^{4/}	Rice	Taro	
	Number	Number	Number	Number	Number	Number	Number
1950	1,446	5 ^{1/}	700	93	58	304	2,601
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 ^{5/}	1,242	657	906	131	52	259	3,247
1955 ^{6/}	1,048	731	876	122	44	255	3,076
1956	826	983	994	161	25	247	3,236
1957	793	783	1,104	180	28	225	3,113
1958	780	765 ^{7/}	1,113	185	14	229	3,086
1959	773	786	1,081	215	16	233	3,104

Year	Livestock						Total
	Beef cattle	Dairy	Hogs	Sheep	Chickens	Honey	
	Number	Number	Number	Number	Number	Number	Number
1950	343	75	518	3	429	22	1,390
1951	360	74	560	3	400	27	1,424
1952	405	75	588	3	378	27	1,476
1953	468	79	516	3	341	27	1,434
1954	440	85	419	3	335	27	1,309
1955	411	86	395	3	334	29	1,258
1956	386	89	358	4	306	27	1,170
1957	386	90	323	6	267	24	1,096
1958	375	90	307	2	247	20	1,041
1959	360 ^{8/}	82	297	2	226	21	988

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

^{2/} MELONS INCLUDED WITH FRUITS, 1951-55.

^{3/} 1950-55 DATA DO NOT INCLUDE INDEPENDENT PINEAPPLE ENTERPRISES.

^{4/} 1950-58 DATA REVISED.

^{5/} INCLUDED WITH VEGETABLES AND MELONS.

^{6/} MOLOKAI NOT INCLUDED.

^{7/} REVISED.

^{8/} TOTAL FARMS REPORTING BEEF CATTLE NUMBERED 588.

Table 5.--Number of commercial-size enterprises, by islands, 1959^{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	191	206	1,081	132	---	71	1,731
Kauai	67	85	---	20	16	50	238
Maui	155	191	---	9	---	50	405
Molokai	11	12	---	1	---	4	28
Oahu	349	292	---	3	---	58	702
State	773	786	1,081	215	16	233	3,104

Island	Livestock						
	Beef cattle	Dairy	Hogs	Sheep	Chickens	Honey	Total
	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>
Hawaii	178	14	41	1	79	7	320
Kauai/Niihau	48	6	32	1	25	2	114
Maui	85	5	39	---	21	8	158
Molokai/Lanai	14	2	13	---	3	1	33
Oahu	35	55	172	---	97	3	362
State	360 ^{2/}	82	297	2	225	21	987

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

^{2/} TOTAL FARMS REPORTING BEEF CATTLE NUMBERED 588.

Table 6.--Value of agricultural marketings, 1950-59

Year	All agricultural marketings					
	Sugar products ^{1/}	Processed pineapple products ^{2/}	Diversified crops	Livestock products	Diversified crops and livestock products	All agricultural products
	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
1947-49 avg.	113,421	79,000	8,246	19,376	27,622	220,043
1950	123,900	97,000	7,684	19,668	27,352	248,252
1951	137,890	91,000	9,947	23,545	33,492	262,382
1952	140,370	92,000	10,143	24,354	34,497	266,867
1953	149,880	108,000	10,369	23,016	33,385	291,265
1954	141,000	103,000	11,218	24,156	35,374	279,374
1955	145,500	110,000	12,776	25,399	38,175	293,675
1956	148,000	117,000	12,286	26,541	38,827	303,827
1957	146,000	110,000	13,205	27,976	41,181	297,181
1958	105,000	124,000	14,527	30,925	45,452	274,452
1959	131,000	122,000	11,125	31,485	42,610	295,610

Year	Diversified crops						
	Vegetables and melons ^{3/}	Fruits ^{3/4/}	Coffee parchment ^{5/}	Macadamia nuts (in shell) ^{6/}	Rice (milled) ^{6/}	Taro (for processing) ^{6/}	Total
	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
1947-49 avg.	4,678	1,113	1,533	117	156	649	8,246
1950	4,328	924	1,672	128	108	524	7,684
1951	4,597	940	3,459	144	120	687	9,947
1952	4,582	1,125	3,658	165	93	520	10,143
1953	4,603	1,137	3,930	164	116	419	10,369
1954 ^{7/}	4,511	1,232	4,803	159	105	408	11,218
1955 ^{7/}	5,038	1,341	5,666	162	98	471	12,776
1956	5,158	1,334	5,001	189	77	527	12,286
1957	5,363	1,415	5,613	248	66	500	13,205
1958	5,624	1,474	6,548	339	53	489	14,527
1959	5,622	1,525	2,961	384	40	593	11,125

CONTINUED

Table 6.--Value of agricultural marketings, 1950-59--Continued

Year	Livestock products					Total
	Beef ^{6/}	Dairy, meat and milk ^{8/}	Hogs ^{5/}	Chickens and eggs ^{2/}	Honey and beeswax ^{10/}	
	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
1950	6,482	6,788	3,003	3,328	67	19,668
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 ^{11/}	7,748	39	30,925
1959	9,603	10,460	3,731	7,655	36	31,485

1/ HAWAIIAN SUGAR PLANTERS' ASSOCIATION DATA; INCLUDES 96° 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/ WHOLESALE VALUE; ISLAND OF ORIGIN.

4/ PINEAPPLES FOR FRESH MARKET EXCLUDED.

5/ BASED ON PRICES RECEIVED BY FARMERS, CROP YEAR ENDING JUNE 30.

6/ BASED ON PRICES RECEIVED BY FARMERS.

7/ MOLOKAI NOT INCLUDED.

8/ MEAT: BASED ON PRICES RECEIVED BY FARMERS. MILK: BASED ON PRICES RECEIVED BY FARMERS DELIVERED BOTTLING PLANT FOR 1947-49 AND 1950-57; ON PRICES RECEIVED FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS FOR 1958-59.

9/ BASED ON: WHOLESALE PRICES FOR 1947-49 AND 1950-57; PRICES RECEIVED BY FARMERS FOR 1958-59.

10/ BASED ON: F.A.S. ISLAND PORT PRICES FOR 1947-49 AND 1950-57; PRICES RECEIVED BY FARMERS FOR 1958-59.

11/ REVISED.

Table 7.--Value of agricultural marketings, by islands, 1959

Island	Diversified crops						Total
	Vegetables and melons ^{1/}	Fruits ^{1/2/}	Coffee, parchment ^{3/}	Macadamia nuts (in shell) ^{3/}	Rice, milled ^{3/}	Taro (for processing) ^{3/}	
	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Hawaii.....	1,478	649	2,961	350	---	82	5,520
Kauai.....	371	25	---	18	40	246	700
Maui.....	1,171	36	---	3	---	96	1,306
Molokai.....	42	10	---	---	---	6	58
Oahu.....	2,560	805	---	13	---	163	3,541
State.....	5,622	1,525	2,961	384	40	593	11,125

Island	Livestock					Total
	Beef ^{3/}	Dairy, meat and milk ^{4/}	Hogs ^{3/}	Chickens and eggs ^{3/}	Honey and beeswax ^{3/}	
	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>	<u>1,000 dollars</u>
Hawaii.....	5,353	590	340	1,378	19	7,680
Kauai/Niihau.....	819	512	168	877	5 ^{5/}	2,381 ^{5/}
Maui.....	1,551	681	243	530	8	3,013
Molokai/Lanai.....	177	47	36	11	7/	271 ^{8/}
Oahu.....	1,703	8,630	2,944	4,859	4	18,140
State.....	9,603	10,460	3,731	7,655	36	31,485

1/ BASED ON WHOLESALE PRICES ON ISLAND OF ORIGIN.

2/ PINEAPPLES FOR FRESH MARKET EXCLUDED.

3/ BASED ON PRICES RECEIVED BY FARMERS.

4/ MEAT: BASED ON PRICES RECEIVED BY FARMERS. MILK: BASED ON PRICES RECEIVED BY FARMERS FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS.

5/ DATA COMBINED WITH MOLOKAI TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

6/ VALUE OF HONEY AND BEESWAX FOR MOLOKAI INCLUDED.

7/ DATA INCLUDED WITH KAUAI/NIIHAU.

8/ VALUE OF HONEY AND BEESWAX EXCLUDED.

Table 8.--Volume of agricultural marketings, 1950-59

Year	Crops					
	Sugar, raw 96 ^o 1/	Pineapples 2/		Vegetables and melons 3/	Fruits 3/4/	Total vegetables, melons and fruits
		Processed fruit	Juice			
	<u>Tons</u>	1,000 <u>cases</u>	1,000 <u>cases</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>
1947-49 avg.	887,728	11,778	9,305	47,025	16,202	63,227
1950	960,961	14,073	11,111	45,714	13,745	59,459
1951	995,759	15,098	12,354	44,119	13,365	57,484
1952	1,020,450	14,690	10,197	47,080	15,700	62,780
1953	1,099,316	16,915	12,561	46,700	18,065	64,765
1954	1,077,347	16,581	12,830	45,475	18,570	64,045
1955	1,140,112	16,399	13,014	50,623	17,695	68,318
1956	1,099,543	18,613	12,224	46,525	19,010	65,535
1957	1,084,646	17,992	12,795	47,733	23,075	70,808
1958	764,953	16,798	10,472	49,270	23,532	72,802
1959	974,632	17,677	20,720 5/	48,117	23,413	71,530

Year	Crops--Continued			
	Coffee, parchment 6/	Macadamia nuts (in shell) 3/	Rice (milled)	Taro (for processing)
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>
1947-49 avg.	8,246	687	723	13,570
1950	5,375	755	710	11,740
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	10,575
1955	12,425	903	560	9,360
1956	10,872	1,025	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

Year	Livestock							
	Beef	Dairy		Hogs	Chickens ^{8/}		Bee products	
	Slaughter ^{7/}	Slaughter ^{7/}	Milk	Slaughter	Slaughter	Eggs	Honey (extracted)	Beeswax
	<u>Number</u>	<u>Number</u>	<u>1,000 quarts</u>	<u>Number</u>	<u>1,000 birds</u>	<u>1,000 dozens</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>
1947-49 avg.	33,860	5,140	31,769	43,500	367	2,976	749	13
1950	29,470	3,390	35,624	53,400	545	3,611	795	17
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	56,430	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

- ^{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/} INCLUDES FROZEN CONCENTRATE.
^{6/} CROP YEAR ENDING JUNE 30.
^{7/} CATTLE AND CALVES.
^{8/} EXCLUDES QUANTITIES CONSUMED AT HOME OR OTHERWISE NOT MARKETING.

Table 9.--Volume of agricultural marketings, by islands, 1959

Island	Diversified crops ^{1/}					
	Vegetables and melons	Fruits ^{2/}	Coffee, parchment	Macadamia nuts (in shell)	Rice, milled	Taro (for processing)
	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>
Hawaii.....	13,325	12,140	10,634	1,932	---	1,215
Kauai.....	2,425	260	---	94	244	4,275
Maui.....	14,430	540	---	14	---	1,675
Molokai.....	335	140	---	---	---	90
Oahu.....	18,340	10,615	---	72	---	2,945
State.....	48,855	23,695	10,634	2,112	244	10,200

Island	Livestock						
	Beef cattle, slaughter ^{3/}	Dairy		Hogs, slaughter	Chickens		Honey
		Cattle slaughter ^{3/}	Milk		Meat	Eggs	
	<u>Number</u>	<u>Number</u>	<u>1,000 quarts</u>	<u>Number</u>	<u>1,000 birds</u>	<u>1,000 dozens</u>	<u>1,000 pounds</u>
Hawaii.....	24,390	180	569	6,410	184	1,832	112
Kauai/Niihau.....	3,970	100	492	2,660	118	1,126	63 ^{4/}
Maui.....	7,050	150	656	4,550	61	670	92
Molokai/Lanai.....	820	10	45	600	2	11	5/
Oahu.....	7,560	2,850	8,122	52,310	971	5,840	28
State.....	43,790	3,290	9,884	66,530	1,336	9,479	295

^{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/} INCLUDED WITH KAUAI/NIIHAU.

Table 10.--Market supplies of selected agricultural products from all sources, State,
average 1947-49, annual 1950-59

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	47.0	84.7	26.4	16.2	42.6	64.1	63.2	127.3
1950	35.9	45.7	81.6	26.5	13.4	39.9	62.4	59.1	121.5
1951	41.6	44.1	85.7	29.9	13.1	43.0	71.5	57.2	128.7
1952	32.7	47.1	79.9	23.8	15.3	39.1	56.5	62.4	118.9
1953	39.6	46.7	86.3	26.3	17.3	43.6	65.9	64.0	129.9
1954	43.2	45.5	88.7	27.6	16.7	44.3	70.8	62.2	133.0
1955	39.8	50.2	90.0	25.7	16.7	42.4	65.5	66.9	132.4
1956	48.0	46.1	94.1	28.2	17.4	45.6	76.2	63.5	139.7
1957	47.6	47.3	94.9	26.9	20.6	47.5	74.5	67.9	142.4
1958	49.3	48.9 ^{2/}	98.2 ^{2/}	25.6	21.1 ^{2/}	46.7 ^{2/}	74.9	70.0 ^{2/}	144.9 ^{2/}
1959	46.8	47.7	94.5	26.3	21.3	47.6	73.1	69.0	142.1
1955-59 avg.	Percent 49	Percent 51		Percent 58	Percent 42		Percent 52	Percent 48	

Year	Fresh and frozen meats							
	Beef and veal ^{3/}			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	Million pounds
1947-49 avg.	7.8	17.9	25.7	5.2	5.8	11.0	0.6	37.3
1950	7.7	15.6	23.3	6.6	6.7	13.3	0.7	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 ^{2/}	15.7 ^{2/}	1.2	57.4 ^{2/}
1959	18.7	24.7	43.4	8.4	8.2	16.6	1.3	61.3
1955-59 avg.	Percent 43	Percent 57		Percent 45	Percent 55			

CONTINUED

Table 10.--Market supplies of selected agricultural products from all sources, State,
average 1947-49, annual 1950-59--Continued

Year	Fresh milk and poultry products								
	Milk	Chickens ^{1/}			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	2,744	4,982
1950	35.6	2.7	1.3	4.0	0.7	4.7	1,897	3,611	5,508
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	3.2	8.6	2.5	11.1	2,271	8,975	11,246
1959	52.1	6.2	3.4	9.6	2.5	12.1	2,499	9,479	11,978
		<u>Percent</u>	<u>Percent</u>				<u>Percent</u>	<u>Percent</u>	
1955-59 avg.		62	38				23	77	

- 1/ EXCLUDING SOME PRODUCTS OF MINOR IMPORTANCE AND PINEAPPLE; QUANTITIES SHIPPED OUT OF THE 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, 1950-59!
(1947-49 = 100)

Year	Sugar raw, 960	Processed pineapple products 2/	Coffee, parchment	Macadamia nuts	Honey
1950.....	108	119	65	110	106
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	149	41
1957.....	122	146	135	194	50
1958.....	86	129	224	267	47
1959.....	110	182	129	308	39

SEE FOOTNOTES AT END OF TABLE, PAGE 18.

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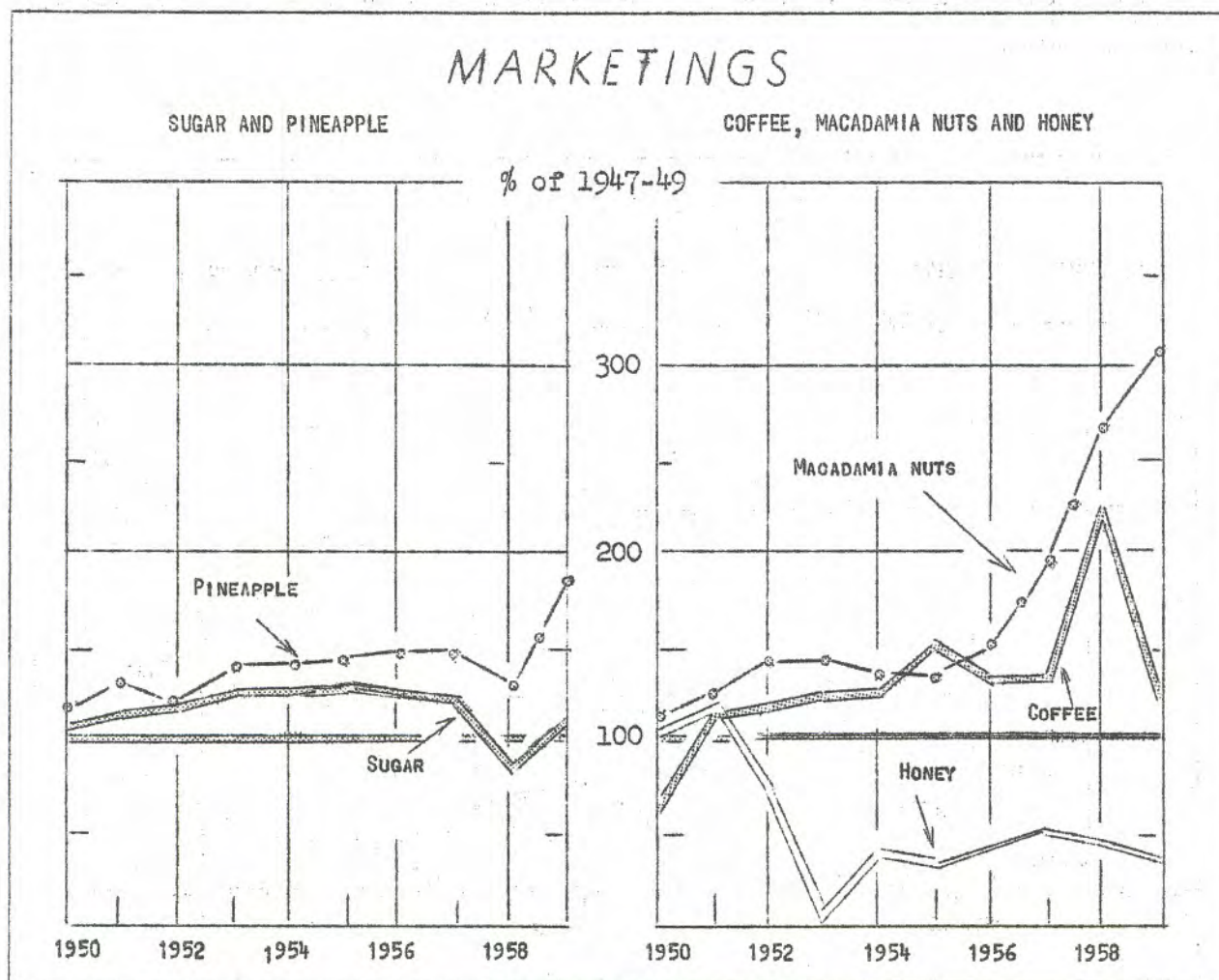


Table 11.--Marketings: Index numbers, State, 1950-59^{3/}--Continued
(1947-49 = 100)

Year	Vegetables and melons ^{4/}	Fruits ^{4/ 5/}	Total vegetables, melons and fruits ^{4/}	Rice	Taro	Beef and veal	Pork	All red meats	Milk	Chickens	Eggs
1950	97	85	94	98	87	87	116	94	112	130	121
1951	94	82	91	103	87	100	122	105	121	180	132
1952	100	97	99	80	86	102	143	112	117	180	160
1953	99	111	102	95	82	83	171	105	127	220	176
1954	97	115	101	85	78	100	160	115	128	250	196
1955	108	109	108	77	69	114	148	122	132	280	215
1956	99	117	104	66	76	120	160	130	148	280	259
1957	102	142	112	57	76	127	155	134	160	320	291
1958	105	145	115	45	70	134	150	138	167	320	302
1959	102	145	113	34	75	138	141	139	164	340	319

^{1/} FOR QUANTITIES OF COMMODITIES, SEE TABLE 8.

^{2/} CANNED FRUIT AND JUICE.

^{3/} FOR QUANTITIES OF CROPS, SEE TABLE 8; FOR QUANTITIES OF LIVESTOCK AND POULTRY PRODUCTS, SEE TABLE 10.

^{4/} REVISED.

^{5/} EXCEPT PINEAPPLES.

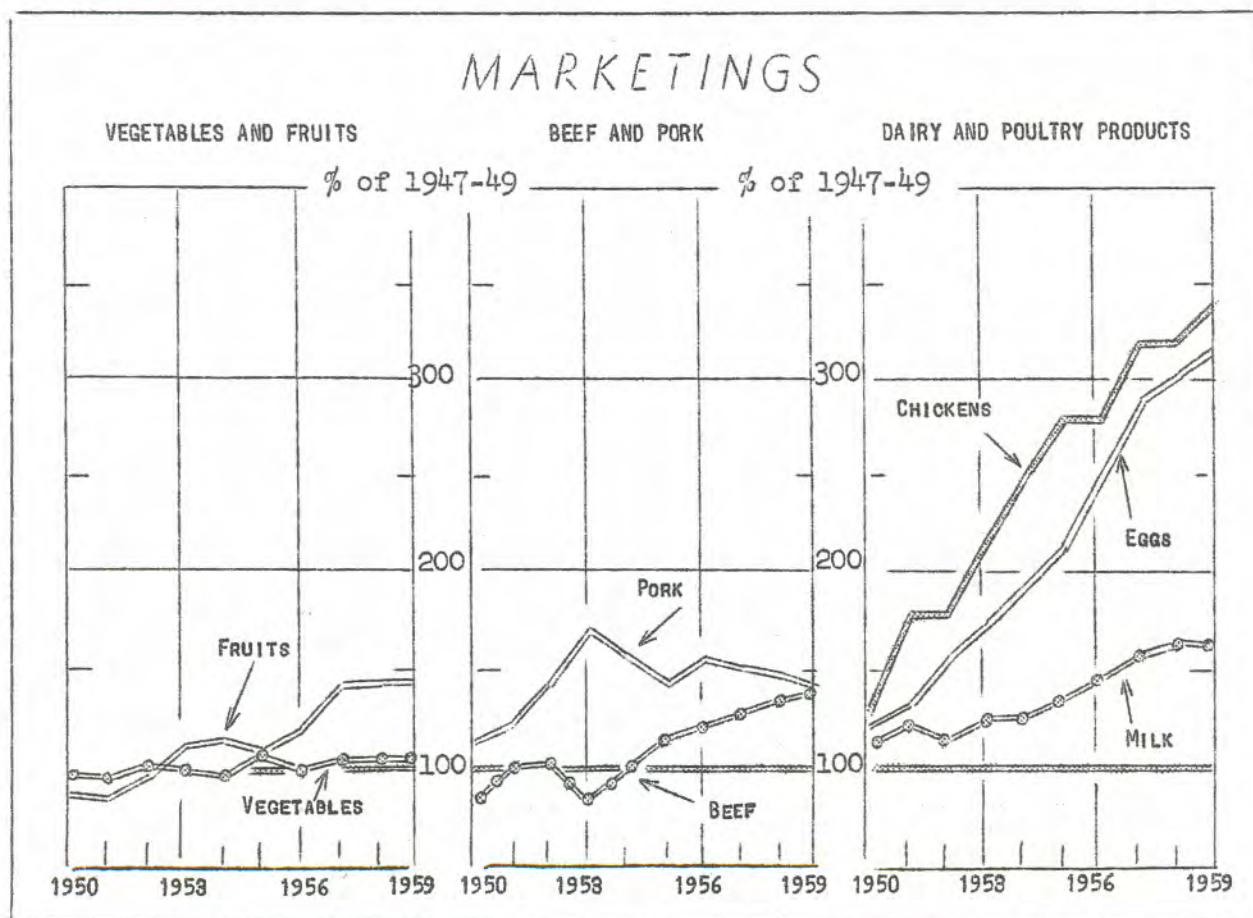
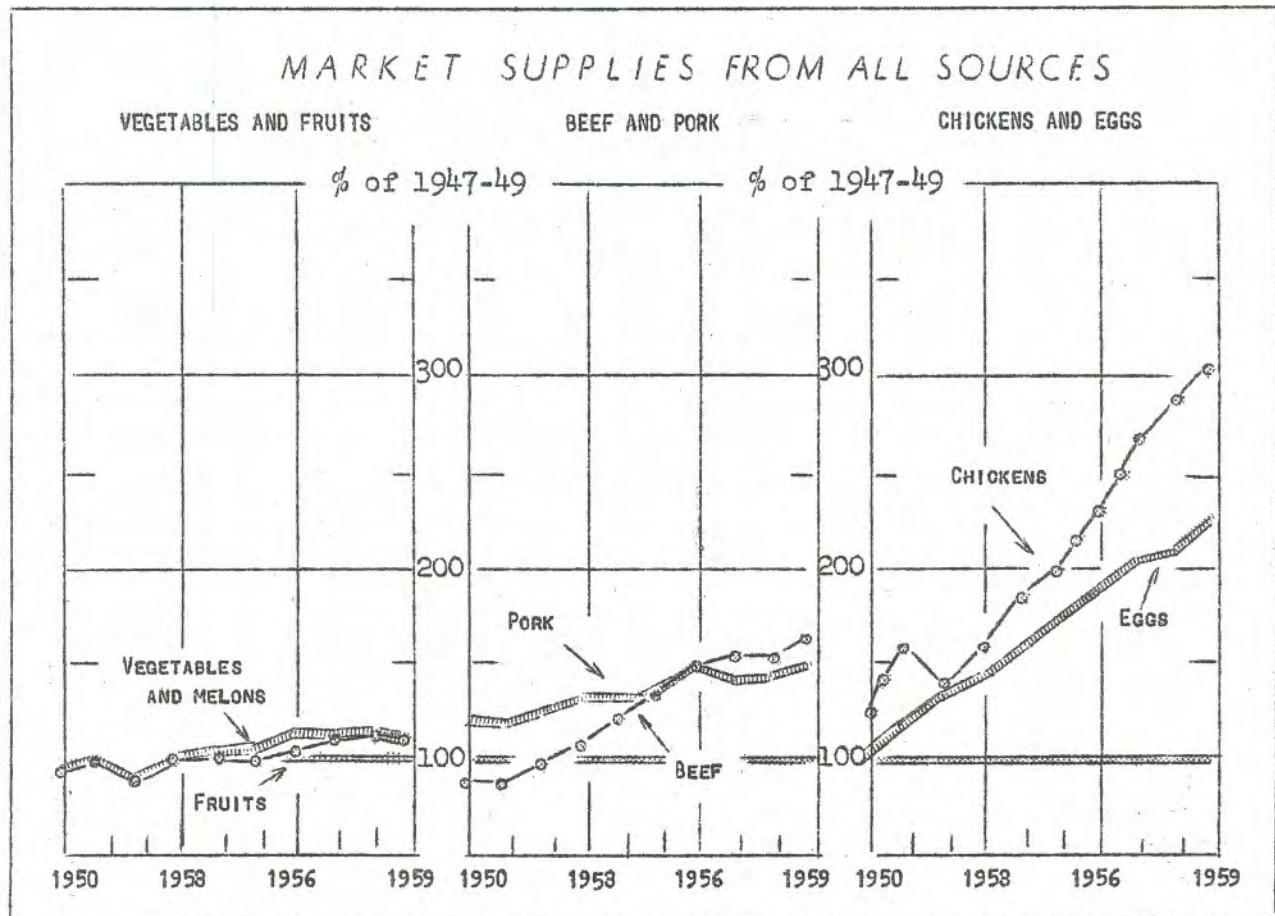


Table 12.--Market supplies from all sources: Index numbers, State 1950-59^{1/}
(1947-49 = 100)

Year	Vegetables and melons	Fruits	Total vegetables, melons and fruits	Beef and veal	Pork	All red meats	Chickens	Eggs
1950.....	96	94	95	91	121	100	129	106
1951.....	101	101	101	90	120	99	165	121
1952.....	94	92	93	100	129	109	145	138
1953.....	102	102	102	110	135	118	165	149
1954.....	105	104	104	128	135	131	190	165
1955.....	106	100	104	139	138	139	203	179
1956.....	111	107	110	152	155	153	235	196
1957.....	112	111	112	159	144	155	271	210
1958.....	116	115	116	158	143 ^{2/}	154	277	216
1959.....	112	112	112	169	151	164	310	230

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

^{2/} REVISED.



SECTION II PRICES

Table 13.--Selected agricultural products: Annual average prices, State, 1950-59 and average 1947-49 1/

Year	Vegetables and melons 2/					
	Snap beans	Broccoli	Head cabbage	Chinese cabbage	Carrots	Cucumbers
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
1947-49 avg.	14.0	15.6	4.5	10.2	7.6	11.9
1950	13.8	15.3	3.6	10.4	4.8	11.9
1951	16.8	20.5	3.9	12.1	5.4	12.7
1952	15.5	18.1	3.5	10.8	6.8	10.2
1953	14.1	18.8	5.8	10.4	6.5	10.6
1954	15.1	19.1	4.0	10.6	6.2	10.9
1955	14.4	16.8	4.6	10.6	7.3	11.0
1956	17.7	16.8	5.1	11.0	7.8	11.9
1957	18.5	18.7	5.2	10.4	8.0	12.7
1958	18.3	20.0	4.9	9.3	8.2	13.0
1959	19.6	18.8	4.9	10.5	8.1	12.0

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.	11.4	7.7	24.1	12.5	11.6
1950	12.4	4.3	20.6	14.8	8.4
1951	12.7	7.2	25.9	15.2	8.4
1952	11.0	10.1	19.2	14.0	8.1
1953	10.3	6.0	18.1	13.5	9.0
1954	12.1	6.3	16.2	14.7	9.5
1955	10.8	7.8	16.3	14.3	7.8
1956	12.5	8.7	19.0	15.9	10.0
1957	11.8	8.0	18.3	15.7	10.2
1958	12.1	8.0	18.8	15.5	9.4
1959	12.9	8.9	18.1	16.2	9.9

SEE FOOTNOTES AT END OF TABLE, PAGE 21.

CONTINUED

Table 13.--Selected agricultural products: Annual average prices, State, 1950-59 and average 1947-49--Continued 1/

Year	Fruits ^{2/}			Miscellaneous crops ^{3/}			
	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.....	9.8	7.0	6.0	18.6	17.0	21.6	4.8
1950.....	9.3	7.8	5.0	31.1	17.0	15.2	4.5
1951.....	9.0	7.9	5.6	36.9	17.0	16.1	5.8
1952.....	8.2	7.3	6.6	38.0	17.0	16.1	4.5
1953.....	7.6	6.9	5.5	38.2	17.0	17.0	3.8
1954.....	8.4	7.2	5.9	46.5	17.0	17.0	3.9
1955.....	8.6	6.9	7.7	45.6	17.9	17.5	5.0
1956.....	8.6	7.2	6.6	46.0	18.4	16.0	5.1
1957.....	8.5	6.4	5.6	50.4	18.5	16.0	4.9
1958.....	7.9	7.4	5.5	35.4	18.5	16.2	5.1
1959.....	7.2	8.2	5.4	27.8	18.2	16.4	5.8

Year	Livestock products					
	Beef ^{3/}	Milk ^{4/}	Hogs ^{3/} (live weight)	Chickens ^{5/} (live weight)	Eggs ^{5/}	Honey ^{6/}
	<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
1950.....	43.8	18.1	34.0	47.6	65.9	7.5
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 ^{7/}	37.7	65.7 ^{7/}	10.1
1959.....	41.1	19.0	34.7	35.2	61.3	11.3

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

2/ WHOLESALE PRICES.

3/ PRICES RECEIVED BY FARMERS.

4/ PRICES RECEIVED BY FARMERS, DELIVERED BOTTLING PLANT FOR 1947-49 AVERAGE AND FOR 1950-57; PRICES RECEIVED FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS FOR 1958-59.

5/ WHOLESALE PRICES FOR 1947-49 AVERAGE AND FOR 1950-57. PRICES RECEIVED BY FARMERS FOR 1958-59.

6/ F.A.S. ISLAND PORT FOR 1947-49 AVERAGE AND FOR 1950-57; PRICES RECEIVED BY FARMERS FOR 1958-59.

7/ REVISED.

Table 14.1--Island vegetables, fruits and miscellaneous crops:
Annual average price per pound, by islands, 1959

Commodity	Hawaii	Kauai	Maui	Molokai	Oahu
	Cents	Cents	Cents	Cents	Cents
<u>Vegetables and melons ^{1/}</u>					
Beans, snap	19.5	19.4	18.1	---	20.1
Broccoli	17.6	---	18.6	---	19.6
Burdock	24.3	---	---	---	---
Cabbage, head	4.9	7.3	4.9	---	4.3
Cabbage, Chinese	9.2	16.0	11.3	---	12.2
Cabbage, mustard	8.1	---	12.0	---	10.1
Carrots	8.1	---	8.1	---	---
Cauliflower	---	---	12.9	---	---
Celery	11.4	---	12.4	---	---
Corn, green	7.8	---	7.2	8.0	8.6
Cucumbers	10.2	14.4	12.5	12.0	12.0
Daikon	5.5	---	6.6	---	8.0
Dasheens	18.1	---	---	---	---
Eggplant	11.9	16.0	12.4	10.0	12.3
Ginger root	28.2	---	---	---	31.4
Lettuce	12.4	---	13.2	---	13.3
Lotus root	---	---	---	---	25.0
Onions, dry	---	---	8.5	---	11.6
Onions, green	16.0	---	---	---	18.0
Peppers, sweet	18.3	19.3	17.9	---	17.7
Potatoes	8.0	10.0	8.5	---	---
Pumpkins	---	---	5.9	---	---
Squash, Italian	11.7	---	---	---	---
Sweetpotatoes	8.1	9.4	6.8	---	10.2
Tomatoes	15.5	18.5	15.9	16.0	16.4
Watercress	---	---	---	---	16.0
Cantaloups	---	---	17.1	18.0	18.2
Watermelons	9.1	12.1	6.8	10.0	10.2
<u>Fruits ^{1/}</u>					
Avocados	6.9	8.1	7.8	---	9.1
Bananas	8.9	10.1	6.1	8.0	8.1
Oranges	6.9	---	---	---	---
Papayas	4.6	7.4	6.8	7.0	6.9
Tangerines	12.0	---	---	---	---
<u>Miscellaneous crops ^{2/}</u>					
Coffee, parchment	27.8	---	---	---	---
Macadamia nuts, in shell	18.1	18.8	18.1	---	18.0
Rice, milled	---	16.5	---	---	---
Taro (for processing)	6.7	5.8	5.7	6.5	5.5

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

^{2/} PRICES RECEIVED BY FARMERS.

TABLE 15.--ISLAND VEGETABLES AND FRUITS: HONOLULU WHOLESALE PRICE PER POUND, BY MONTHS, 1959, ANNUAL 1958 1/

COMMODITY	GRADE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVERAGE	
														1959	1958
CENTS															
BEANS, SNAP	HAWAII No. 1	17.6	32.0	22.0	11.1	12.8	17.5	27.8	32.2	22.0	17.8	24.5	34.7	22.7	20.3
BROCCOLI	DO.	19.1	25.9	23.2	20.3	10.7	11.7	14.8	22.1	24.2	24.0	25.0	26.0	20.6	21.5
BURDOCK	DO.	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.9	29.0	28.0
CABBAGE, HEAD	DO.	2.2	3.5	7.3	3.3	4.3	3.7	9.3	7.7	5.4	4.5	5.5	7.2	5.3	5.7
CABBAGE, CHINESE		10.6	15.0	12.1	9.0	9.4	10.6	12.9	15.4	14.0	9.5	13.7	15.7	12.3	11.0
CABBAGE, MUSTARD (KAI CHOI)		10.1	14.1	9.8	8.8	7.3	13.5	13.9	10.3	9.9	9.1	7.7	10.5	10.4	11.1
CABBAGE, MUSTARD (PAK CHOI)		8.7	13.9	9.7	6.3	6.5	9.2	9.8	12.4	12.3	8.8	9.1	11.2	9.8	9.4
CARROTS, TOPPED	DO.	7.8	7.5	7.5	8.3	7.5	7.8	6.8	7.5	7.0	6.9	7.5		7.5	8.9
CAULIFLOWER	DO.	12.2	14.5	15.2	16.0	13.8	9.1	13.8	14.0			19.0	17.4	14.5	14.2
CELERY	DO.	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	12.0	11.8	12.3	11.8	11.3	11.4
CORN, GREEN	DO.	8.5	8.5	8.5	8.5	8.5	8.5	9.0	9.4	9.5	9.5	9.5	9.4	8.9	8.5
CUCUMBERS	DO.	13.8	19.0	10.7	6.5	5.3	9.8	17.3	16.0	18.4	11.0	18.1	19.6	13.8	15.6
DAIKON, BUNCHED		7.5	8.5	8.6	7.3	6.4	7.0	7.7	9.0	9.0	8.4	7.9	9.0	8.0	8.0
DASHEENS		19.0	22.0	26.8	27.5	27.5	27.5	22.3	20.9	17.9	21.1	21.1	21.4	22.9	26.4
EGGPLANT, LONG		17.6	18.7	18.9	14.2	13.9	11.2	11.7	14.0	14.3	12.3	12.3	15.3	14.5	15.0
EGGPLANT, ROUND		9.2	14.9	14.7	8.2	11.9	10.4	7.4	8.6	9.5	9.1	10.5	10.2	10.4	10.6
GINGER ROOT		62.5	54.4	39.5	24.1	22.5	22.8	24.4	22.8	23.3	25.6	27.5	24.7	31.2	51.4
LETTUCE, ICEBERG TYPE	DO.	11.5	13.7	11.6	12.0	13.0	13.0	11.0	11.0	16.9	13.8	11.8	12.8	12.7	13.2
LETTUCE, SEMI-HEAD	DO.	11.0	22.8	11.3	7.0	10.9	10.4	14.5	18.1	16.6	11.2	16.0	15.1	13.7	12.2
LOTUS ROOT		23.4	24.3	25.0					34.0	28.5	22.4	21.4	21.5	25.1	24.7
ONIONS, DRY	DO.	12.5	12.5	12.3	9.3	6.4	6.4	6.5	6.5				12.5	9.4	8.1
ONIONS, GREEN, BUNCHED		16.3	19.5	18.5	14.7	12.5	11.0	11.4	18.8	22.7	24.0	24.0	24.0	18.1	17.1
PEAS, SMALL CHINESE		59.1	103.1	73.5	40.6	30.0	40.6	67.3	73.6	91.0	60.0	76.3	92.0	67.3	65.5
PEPPERS, SWEET	DO.	8.7	18.1	20.3	22.6	21.3	21.4	17.9	21.3	20.8	12.8	18.2	22.4	18.8	19.6
SQUASH, ITALIAN	DO.	16.3	19.0	19.0	13.8	11.0	10.2	10.3	15.5	18.4	19.0	16.0	15.7	15.4	14.7
SWEETPOTATOES, REDS	DO.	9.0	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.6	13.1	13.0	13.0	11.3	11.7
SWEETPOTATOES, BAKER VARIETIES	DO.	9.0	9.3	9.5	9.4	9.4	11.4	9.4	9.4	11.0	13.3	13.0	13.0	10.6	10.5
TOMATOES, LOOSE	DO.	15.7	20.8	19.2	19.3	14.9	17.7	13.8	15.8	18.0	17.4	21.4	25.2	18.3	17.4
TOMATOES, LOOSE	HAWAII No. 2	11.7	17.0	15.3	15.8	11.0	14.2	10.5	12.5	13.8	14.1	17.2	21.3	14.5	14.3
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	16.5
YAM BEAN ROOT		14.0	14.0	10.7	10.2	10.7	10.5	12.3	15.1	15.6	22.0	20.9	21.9	14.8	16.0
CANTALOUPS						23.2	17.4	14.0	12.0	14.5	15.7	20.5	12.3	16.2	
WATERMELONS					16.3	14.5	9.6	9.5	9.9	10.0		13.0	13.0	12.0	12.3
AVOCADOS	HAWAII No. 1	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.5	9.3	9.3	9.8	9.4	11.1
BANANAS, BLUEFIELD		9.9	10.4	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.2	11.0	11.0	10.8	10.0
BANANAS, APPLE (BRAZILIAN)		7.5	7.6	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.3	7.3
BANANAS, CHINESE (CAVENDISH)		7.5	7.7	8.3	8.9	8.5	9.0	8.9	8.2	7.0	7.0	7.0	7.0	7.9	7.5
PAPAYAS	DO.	6.7	6.5	8.0	9.3	8.8	6.2	6.0	7.0	7.6	7.9	8.1	9.2	7.6	7.1
TANGERINES		18.0	24.0	24.0							25.0	22.8	12.2	9.7	13.5

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,
by islands, 1959 1/

Commodity	Unit	Hawaii	Kauai- Niihau	Maui	Molokai- Lanai	Oahu	State
		<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Cattle and calves:							
Dairy cows.....	Pound.....	23.8	34.3	31.8	33.9	31.3	31.1
Other cattle.....	do.....	41.1	41.7	43.3	39.7	43.9	42.9
Veal calves.....	do.....	---	---	---	---	30.2	30.2
Milk 2/.....	Quart.....	20.0	26.5	27.8	28.7	18.1	19.0
Hogs.....	Live weight, pound.....	34.4	43.2	36.0	38.2	34.2	34.7
Chickens:							
Hens, roosters.....	Live weight, pound.....	25.9	27.7	33.4	33.4	25.8	26.7
Fryers, roasters, broilers.....	Live weight, pound.....	46.9	41.9	44.8	44.8	37.9	39.8
Eggs.....	Dozen.....	59.1	60.8	63.1	63.1	61.8	61.2
Honey.....	Pound.....	16.0	5.3	7.6	13.8	14.4	11.3
Beeswax.....	do.....	42.0	42.0	42.0	42.0	42.0	42.0

1/ PRICES RECEIVED BY FARMERS.

2/ PRICES RECEIVED BY FARMERS FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO
RETAILERS AND CONSUMERS.

TABLE 17.--ISLAND BEEF: MONTHLY AVERAGE HONOLULU PRICE PER POUND, DRESSED WEIGHT, 1959 1/

CLASS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
													1959	1958
	CENTS													
STEERS.....	50.6	49.0	47.7	48.9	49.0	49.0	48.2	48.0	48.0	48.4	47.0	46.0	48.3	47.1
HEIFERS.....	48.6	47.8	46.7	47.9	48.0	48.0	47.0	47.0	47.0	47.4	46.0	45.0	47.2	46.0
COWS.....	42.1	42.0	42.0	43.4	42.8	41.1	40.0	38.0	39.0	40.0	39.2	37.0	40.5	39.1
BULLS.....	36.4	36.0	36.0	36.9	36.8	35.8	35.0	35.0	35.0	35.0	35.0	35.0	35.6	31.8

1/ SALES BY SLAUGHTERHOUSES FOR TOP GRADE.

TABLE 18.--ISLAND PORK CUTS: MONTHLY AVERAGE HONOLULU WHOLESALE PRICE PER POUND, 1959 1/

WHOLESALE CUT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
	CENTS												
CARCASS, SHIPPER STYLE	56.0	56.0	56.0	54.8	51.5	47.0	47.0	47.0	47.0	47.0	51.0	53.0	51.1
LOIN	89.0	89.0	89.0	87.0	83.0	80.0	80.0	80.0	80.0	80.0	86.7	90.0	84.5
LEG (BONELESS)	87.0	87.0	87.0	85.8	81.8	75.0	75.0	75.0	75.0	75.0	82.3	86.0	81.0
SHOULDERS	85.0	85.0	85.0	84.6	81.5	74.0	74.0	74.0	74.0	74.0	82.0	86.0	79.9
BELLY AND RIB	77.0	77.0	77.0	74.2	67.3	59.0	59.0	59.0	59.0	59.0	69.0	74.0	67.5

1/ SALES BY SLAUGHTERHOUSES.

TABLE 19.--POULTRY: MONTHLY AVERAGE HONOLULU WHOLESALE PRICE PER POUND, BY ORIGIN AND CLASSES, 1959

ORIGIN AND CLASS	GRADE	JAN.	FEB.	MAR.	APR.	MAY.	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
														1959	1958
CENTS															
CHICKENS, ISLAND															
Eviscerated:															
BROILERS		66.0	66.0	66.0	66.0	66.0	66.0	66.4	66.5	67.0	67.5	67.3	68.0	66.6	69.7
FRYERS		66.4	66.4	66.3	66.5	66.4	66.4	66.9	66.9	67.4	68.0	67.6	68.3	67.0	70.1
ROASTERS		69.9	69.9	69.8	70.0	69.9	69.9	69.9	70.4	70.9	71.5	71.3	73.0	70.5	73.7
STEWERS, COLORED		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.3	55.5	55.5	55.5	55.2	53.6
STEWERS, WHITE		45.0	45.0	45.0	45.0	45.0	44.5	43.4	44.0	44.3	44.5	44.5	44.5	44.6	43.8
N. Y. DRESSED:															
BROILERS		47.5	47.1	47.5	47.5	47.5	47.4	49.2	50.5	51.0	51.5	51.5	53.0	49.3	53.0
FRYERS		47.9	47.5	47.8	48.0	47.9	48.0	49.7	50.9	51.4	52.0	51.8	53.3	49.7	53.3
ROASTERS		58.4	58.4	58.3	58.5	58.4	58.2	54.7	55.9	56.4	57.0	56.8	58.3	54.9	57.2
STEWERS, COLORED		45.0	45.0	45.0	45.0	45.0	44.4	43.1	44.0	44.3	44.5	44.5	44.5	44.5	44.2
STEWERS, WHITE		33.0	33.3	34.0	34.0	34.0	33.8	33.0	33.0	33.3	33.5	33.5	33.5	33.5	33.8
CHICKENS, MAINLAND															
Eviscerated:															
BROILERS	A	57.3	57.1	56.3	54.3	54.0	53.8	53.8	53.8	53.5	53.6	54.8	50.3	54.5	56.7
FRYERS, CUT UP	A	52.0	52.0	52.3	52.5	52.0	51.4	50.9	51.9	53.0	53.2	54.0	54.0	52.4	55.4
FRYERS, WHOLE	A	48.8	48.0	47.5	47.6	47.6	48.3	48.3	48.3	48.1	47.2	48.0	48.0	48.0	49.1
ROASTERS	A	57.0	57.0	56.5	56.3	53.4	50.5	50.3	50.0	53.1	54.0	54.0	54.0	53.8	57.0
FOWL	A	54.5	54.5	54.5	54.2	51.3	47.8	47.0	47.0	44.6	46.0	46.0	46.0	49.5	47.7
OTHER POULTRY, MAINLAND															
Turkeys, Eviscerated:															
HENS	A	48.8	49.3	48.8	48.9	49.0	48.3	48.1	48.0	46.0	45.8	46.7	55.7	48.6	52.9
TOMS	A	46.4	46.8	48.0	48.8	49.4	53.6	53.7	52.3	50.9	50.6	49.8	53.7	50.5	46.9
DUCKS, Eviscerated	A	54.4	55.0	55.3	55.5	54.4	52.8	51.9	51.8	51.0	50.5	50.7	50.8	52.8	53.4

TABLE 20.--EGGS: MONTHLY AVERAGE HONOLULU WHOLESALE PRICE PER DOZEN, BY ORIGIN, 1959

ORIGIN	CONTAINER	GRADE AND SIZE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE	
															1959	1958
			CENTS													
ISLAND	CARTONS	A LARGE	69.8	69.6	69.6	68.0	62.3	56.3	58.2	69.5	72.0	70.0	68.0	68.0	66.8	69.9
		A MEDIUM	62.8	62.6	62.6	61.6	53.9	44.0	47.4	62.5	65.0	62.0	60.0	60.0	58.7	63.4
		A SMALL	55.0	55.0	55.0	53.3	43.8	34.0	35.6	51.5	55.0	49.0	42.5	42.5	47.7	52.7
MAINLAND	LOOSE, IN CASES	A LARGE	60.9	59.5	58.0	54.8	50.1	47.7	49.1	52.3	54.2	56.3	54.6	52.6	54.2	60.6
		A MEDIUM	51.8	51.8	50.6	47.3	42.8	39.4	39.8	42.5	43.9	45.9	44.9	43.2	45.3	52.9

Table 21.--Wholesale prices and prices received by farmers:
Index numbers, State, 1950-59

(1947-49 = 100)

Year	Crops					
	Vegetables and melons ^{1/}	Fruits ^{1/}	Coffee ^{2/}	Macadamia nuts ^{2/}	Rice ^{2/}	Taro ^{2/}
1950.....	95	98	167	100	70	94
1951.....	105	102	198	100	75	121
1952.....	98	104	204	100	75	94
1953.....	99	92	205	100	79	79
1954.....	100	97	250	100	79	81
1955.....	100	110	245	105	81	104
1956.....	111	102	247	108 ^{3/}	74	106
1957.....	113	89	271	109	74	102
1958.....	115	91	190	109	75	106
1959.....	117	95	149	107	76	121

CONTINUED

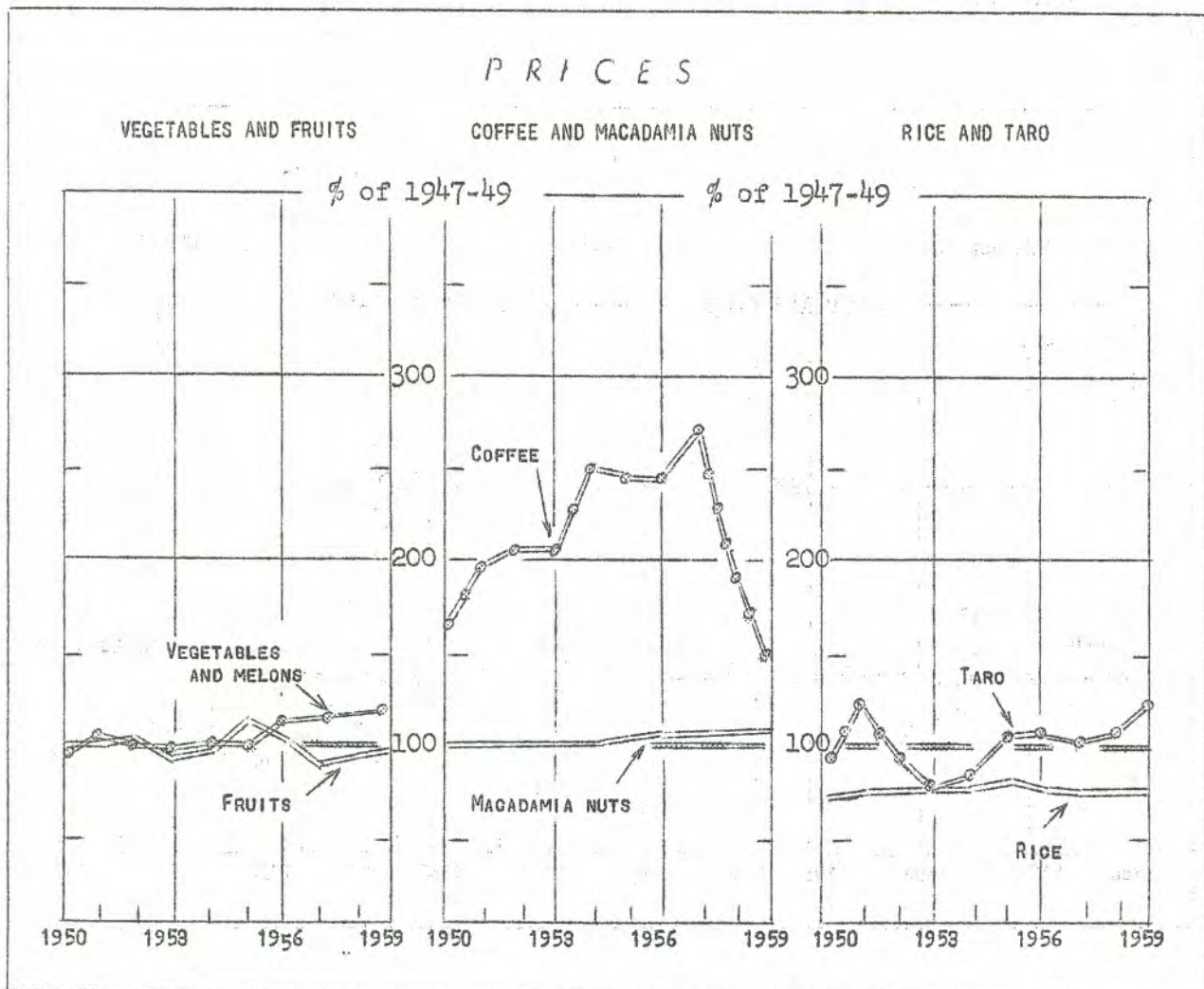


Table 21.--Wholesale prices and prices received by farmers:
Index numbers, State, 1950-59--Continued

(1947-49 = 100)

Year	Livestock products ^{2/}					
	Beef	Milk	Hogs	Chickens	Eggs	Honey ^{3/}
1950.....	118	102	81	79	68	73
1951.....	119	108	88	89	84	83
1952.....	118	110	86	79	80	92
1953.....	107	105	71	85	79	101
1954.....	101	105 ^{4/}	77	79	73	100
1955.....	98	106	81	75	69	109
1956.....	93	105 ^{4/}	71	73	66	112
1957.....	96	100 ^{4/}	74	68	60	105
1958.....	106	105	80	63 ^{4/}	68	98
1959.....	111	107	83	58	63	110

- 1/ WHOLESALE PRICES.
2/ PRICES RECEIVED BY FARMERS.
3/ F.A.S. PRICES FOR 1950-57.
4/ REVISED.

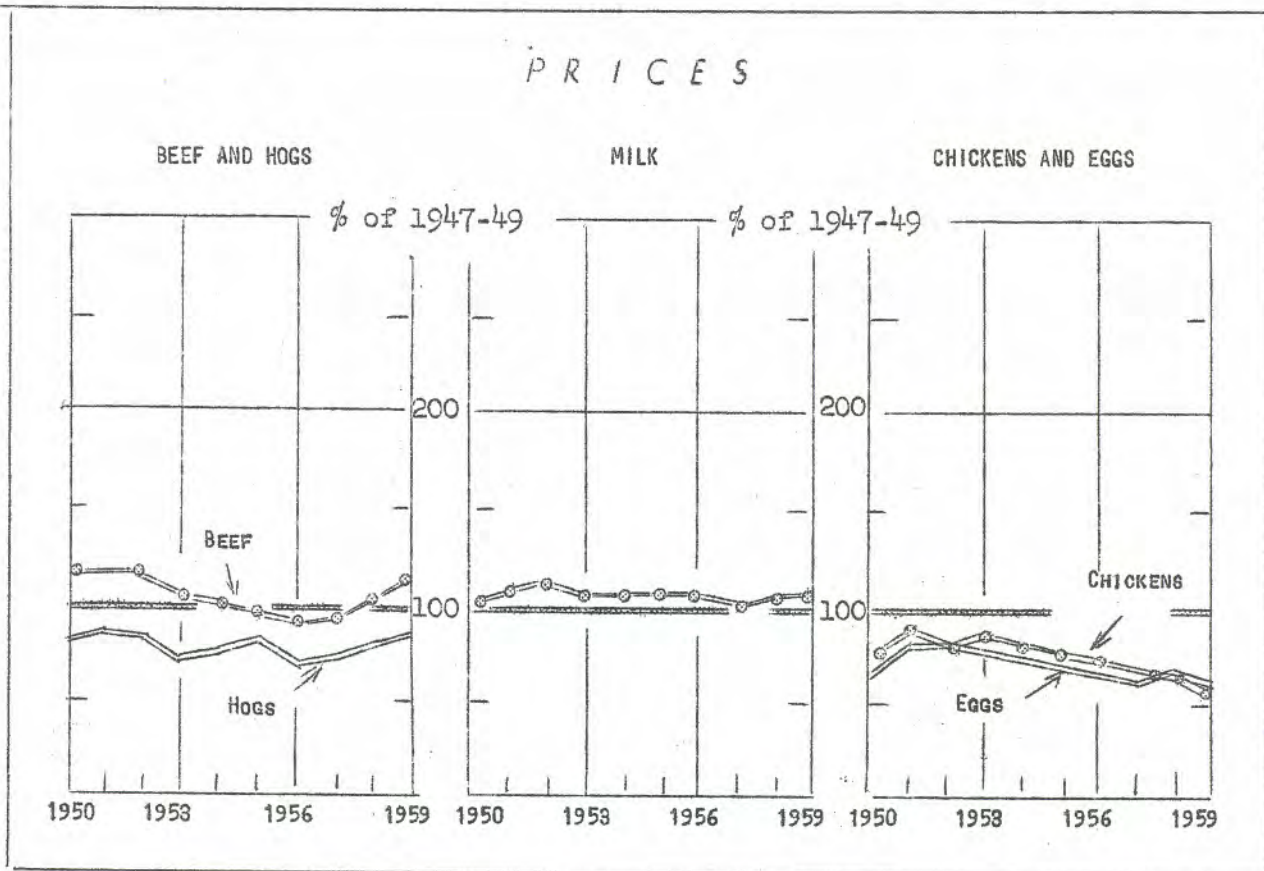


Table 22.--Prices paid, prices received by farmers, and wholesale prices of all commodities: Index numbers, United States, 1950-59

(1947-49 = 100)

Year	Prices paid by farmers ^{1/}	Prices received by farmers	Wholesale prices of all commodities
1950.....	103	95	103
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	88	119

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

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

Table 23.--Purchasing power of selected agricultural products: Index numbers, State, 1950-59 ^{1/}

(1947-49 = 100)

Year	Crops					
	Vegetables and melons	Fruits	Coffee	Macadamia nuts	Rice	Taro
1950.....	92	95	162	97	68	91
1951.....	93	90	175	88	66	107
1952.....	85	90	177	87	65	82
1953.....	89	83	185	90	71	71
1954.....	90	87	225	90	71	73
1955.....	91	100	223	95	74	95
1956.....	100	92	223	97 ^{2/}	67	95
1957.....	99	78	238	96	65	89
1958.....	98	78	162	93	64	91
1959.....	98	80	125	90	64	102

Year	Livestock products					
	Beef	Milk	Hogs	Chickens	Eggs	Honey
1950.....	115	99	79	77	66	71
1951.....	105	96	78	79	74	73
1952.....	103	96	75	69	70	80
1953.....	96	95	64	77	71	91
1954.....	91	95 ^{2/}	69	71	66	90
1955.....	89	96	74	68	63	99
1956.....	84	95 ^{2/}	64	66	59	101
1957.....	84	88 ^{2/}	65	60	53	92
1958.....	91	90	68	54 ^{2/}	58	84
1959.....	93	90	70	49	53	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, 1959, totals 1955-58 1/

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1959	1958	1957	1956	1955
	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
Vegetables and melons									
Artichokes	---	---	---	72	72	44	55	77	90
Asparagus	---	---	---	45	45	31	41	34	36
Broccoli	---	---	---	38	38	65	88	68	28
Brussels sprouts	---	---	---	4	4	3	3	4	6
Cabbage, head	---	8	---	147	155	431	348	481	70
Cabbage, Chinese	---	---	---	75	75	40	94	35	9
Cabbage, mustard	---	---	---	3	3	10	48	10	4
Carrots	322	153	15	3,015	3,505	3,420	3,707	3,772	2,803
Cauliflower	10	6	---	111	127	124	155	198	79
Celery	---	87	3	2,440	2,530	2,519	2,235	2,693	1,821
Cucumbers	---	---	---	9	9	13	29	19	16
Garlic	23	14	15	151	203	197	185	193	195
Ginger root	---	---	---	---	---	18	---	---	---
Lettuce	5	28	---	3,378	3,411	3,166	3,444	3,170	1,799
Onions, dry	568	274	149	5,161	6,152	6,478	7,271	8,261	7,202
Onions, green	---	---	---	1	1	10	29	22	3
Peas (all types)	---	---	---	5	5	6	6	5	2
Peppers, sweet	3	2	---	136	141	114	105	94	86
Potatoes	1,521	606	433	23,335	25,895	29,329	26,515	24,792	23,792
Pumpkins	---	---	---	15	15	13	9	8	8
Squash	---	---	---	92	92	104	145	132	112
Sweetpotatoes	5	1	1	412	419	356	313	266	265
Tomatoes	7	4	---	2,307	2,318	1,522	1,698	1,869	678
Turnips and rutabagas	---	---	---	42	42	44	77	49	78
Cantaloups	28	7	5	623	663	644	667	979	665
Honeydews and honeyballs	15	2	4	426	447	453	328	569	351
Watermelons	111	11	9	703	834	521	459	750	100
Other melons	1	---	---	48	49	35	35	38	40
Total	2,619	1,203	634	42,794	47,250	49,710	48,089	48,450	40,338

Fruits									
Apples	460	179	236	6,539	7,414	7,405	6,782	6,713	6,087
Bananas	---	---	---	---	---	5	---	19	---
Crab apples	2	---	---	33	35	41	47	41	49
Apricots	---	---	---	8	8	2	9	11	10
Cherries	2	---	3	89	94	89	85	139	149
Cranberries	---	---	---	6	6	12	9	12	10
Grapefruit	86	31	43	1,397	1,557	1,741	1,926	2,151	1,800
Grapes	109	42	52	1,538	1,741	1,734	1,665	2,247	1,797
Lemons	66	26	29	1,203	1,324	1,432	1,465	1,496	1,381
Nectarines	68	6	7	615	696	485	538	598	534
Oranges	401	405	477	8,575	9,858	9,489	10,846	10,801	11,024
Peaches	30	4	7	617	658	522	551	678	417
Pears	115	33	36	1,621	1,805	1,857	1,974	2,067	1,439
Persimmons	3	2	---	56	61	58	52	73	75
Plums	31	6	38	757	832	595	733	989	738
Strawberries	---	---	---	1	1	2	7	12	5
Tangerines	---	3	3	183	189	111	259	248	157
Total	1,373	737	931	23,238	26,279	25,580	26,948	28,295	25,672
Total vegetables and fruits	3,992	1,940	1,565	66,032	73,529	75,290	75,037	76,745	66,010

1/ SHIP AND PLANE SHIPMENTS FROM ALL SOURCES.

Table 25.--Frozen vegetables, fruits, and fruit juices: Inshipments from the U. S. Mainland, by destination, 1959, totals 1955-58

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maul	Oahu	1959	1958	1957	1956	1955
	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
Vegetables									
Asparagus	---	---	---	46	46	39	55	50	44
Beans, lima	9	---	2	131	142	149	137	139	137
Beans, snap	7	2	---	268	277	267	273	235	209
Broccoli	5	1	---	194	200	184	197	158	124
Brussels sprouts	---	---	---	55	55	48	65	52	52
Carrots	---	---	---	8	8	11	6	8	7
Cauliflower	2	---	---	41	43	35	47	46	45

Continued

Table 25.--Frozen vegetables, fruits, and fruit juices: Inshipments from the U. S. Mainland,
by destination, 1959, totals 1955-58--Continued

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1959	1958	1957	1956	1955
	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
Corn	7	---	---	235	242	199	199	193	123
Peas	27	7	12	458	504	489	507	435	384
Peas and carrots	9	1	2	146	158	150	139	116	78
Potatoes	2	---	---	114	116	88	89	81	58
Rhubarb	---	---	---	1	1	4	5	10	10
Spinach	7	---	---	141	148	105	130	138	104
Succotash	1	---	---	17	18	20	27	31	20
Mixed vegetables	17	1	---	225	243	208	211	198	164
Total	93	12	16	2,080	2,201	1,996	2,087	1,890	1,559
Fruits									
Apples and applesauce	---	---	---	55	55	42	34	27	35
Cherries	---	---	---	29	29	22	22	25	32
Melon balls	---	---	---	11	11	5	13	15	13
Peaches	1	---	---	22	23	12	32	37	30
Strawberries	10	3	7	233	253	244	275	321	282
Other berries	---	---	---	49	49	33	38	37	38
Total	11	3	7	399	420	358	414	462	430
Unspecified vegetables and fruits	9	---	---	7	16	7	8	30	16
Total vegetables and fruits	113	15	23	2,486	2,637	2,361	2,509	2,382	2,005
Fruit juices									
	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons
Grape	209	84	319	7,480	8,092	5,791	8,264	8,327	5,380
Grapefruit	---	5	---	954	959	686	2,453	1,592	763
Lemon	364	54	16	1,927	2,361	2,350	2,852	7,459	2,551
Lemonade	172	17	40	10,399	10,628	9,083	10,666	8,304	8,735
Lime	---	---	---	77	77	116	185	523	687
Limeade	2	1	---	582	585	717	1,376	480	297
Orange	1,778	399	545	48,272	51,014	41,511	69,066	62,895	50,878
Orangeade	157	35	6	2,231	2,429	943	904	705	536
Tangerine	13	---	---	873	886	531	1,317	1,042	1,318
Unspecified	---	136	28	407	571	559	1,086	462	266
Total	2,715	731	954	73,202	77,602	62,287	98,169	91,789	71,411

Table 26.--Peanuts, rice and soybeans: Inshipments from all sources, by destination, 1959, totals 1955-58 1/

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1959	1958	1957	1956	1955
	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
Peanuts sacked: Shelled and unshelled	2	---	11	431	444	386	396	324	368
Rice:									
Brown	9	7	12	116	144	125	149	110	201
Clean 2/	9,173	4,599	5,087	28,585	47,444	56,213	57,510	60,829	62,722
Mochi	77	---	33	312	422	328	237	148	208
Soybeans	404	---	87	1,397	1,888	1,857	2,051	1,912	1,939

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): 806 IN 1959, 958 IN 1958, 449 IN 1957, 692 IN 1956 AND 579 IN 1955.

Table 27.--Peanuts, rice and soybeans: Inshipments from all sources, by months, 1959 1/

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	1,000 pounds												
Peanuts, sacked Shelled and unshelled	30	43	53	21	77	45	61	4	36	11	44	19	444
Rice:													
Brown	9	12	16	18	8	6	8	22	6	4	21	14	144
Clean	3,036	4,428	4,045	6,484	4,687	3,252	1,868	5,084	1,716	3,759	4,965	4,120	47,444
Mochi	34	6	12	28	30	22	19	32	42	44	41	112	422
Soybeans	90	90	107	130	285	235	255	10	184	95	187	220	1,888

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

Table 28.--Feed grains and feedstuffs: Inshipments from all sources, by destination, 1959, totals 1955-58

Commodity	Destination				Total Receipts				
	Hawaii	Kauai	Maui	Oahu	1959	1958	1957	1956	1955
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Feed grains									
Barley 1/	556	570	814	6,868	8,808	9,379	10,761	11,504	11,405
Corn 2/	1,032	24	152	12,505	13,713	7,015	7,841	7,616	7,250
Oats 1/	73	22	11	80	186	227	352	581	1,131
Wheat 1/	71	---	36	583	690	758	655	757	748
Sorghums	291	---	208	4,901	5,400	1,928	1,575	1,550	1,758
Total feed grains	2,023	616	1,221	24,937	28,797	19,307	21,184	22,008	22,292
Mixed feeds									
Dairy	639	5	1	2,591	3,236	5,762	2,440	2,310	2,382
Hog 3/	370	390	236	3,049	4,045	4,065	4,313	5,087	5,123
Poultry	4,183	4,853	3,170	8,155	20,361	31,443	31,597	32,221	30,774
Poultry scratch	989	705	466	653	2,813	2,998	3,430	4,036	4,449
Pigeon	79	9	43	401	532	483	482	519	565
Rabbit 3/	50	103	97	311	561	491	601	789	952
Other mixed feeds 4/	143	57	206	1,625	2,031	768	653	704	647
Total mixed feeds	6,453	6,122	4,219	16,785	33,579	46,010	43,516	45,666	44,892
Feedstuffs									
Rice bran	---	---	---	---	---	2	50	173	225
Wheat bran	9	---	---	3	12	4	---	1	51
Middlings	583	237	402	1,965	3,187	3,596	3,646	3,780	4,403
Millrun	617	98	103	3,049	3,867	4,433	5,129	4,764	5,432
Misc. mill feeds	15	1	29	1,600	1,645	416	965	1,012	321
Copra meal	---	---	40	2,465	2,505	4,740	4,127	2,983	1,165
Cottonseed meal	154	129	303	2,450	3,036	4,129	4,419	3,931	3,405
Linseed meal	---	---	---	8	8	3	15	10	---
Soybean meal	545	26	95	9,346	10,012	8,259	8,420	6,854	6,124
Fish meal	8	---	---	255	263	108	187	303	309
Meat and bone meal	31	15	26	293	365	146	111	87	100
Whey	1	---	12	3	16	63	19	23	43
Misc. protein feeds	---	---	---	8	8	---	23	93	58
Alfalfa meal 3/	168	34	275	7,855	8,332	5,829	8,643	8,745	9,050
Beet pulp	---	---	---	---	---	1,293	210	1	49

Brewers' grain	---	---	---	---	---	---	3	---	---
Total feedstuffs	2,121	540	1,265	29,300	33,256	33,021	35,967	32,760	30,735
Total all feeds 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	
1955	15,057	7,912	9,404	65,546					97,919

- 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, 1959

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
T O N S													
FEED GRAINS													
BARLEY 1/	443	860	490	1,050	389	1,540	1,803	240	203	291	145	1,354	8,808
CORN 2/	608	709	535	484	4,244	3,197	124	35	1,506	130	159	1,982	13,713
OATS 1/	31	15	11	20	10	10	32	25	3	14	8	7	186
WHEAT 1/	25	65	53	55	66	104	35	53	30	51	102	51	690
SORGHUMS	236	218	251	404	182	104	58	15	2,335	20	25	1,552	5,400
TOTAL FEED GRAINS	1,343	1,867	1,340	2,013	4,891	4,955	2,052	368	4,077	506	439	4,946	28,797
MIXED FEEDS													
DAIRY	265	312	299	316	439	268	361	194	87	245	234	216	3,236
HOG 3/	426	340	295	426	475	395	378	180	251	422	203	254	4,045
POULTRY 3/	2,825	2,007	1,864	2,242	2,006	1,694	1,663	1,084	1,147	1,556	1,028	1,245	20,361
POULTRY SCRATCH	285	221	212	335	171	188	303	154	206	339	228	171	2,813
PIGEON	30	39	44	50	96	80	31	27	27	30	61	23	532
RABBIT 3/	30	33	43	53	47	89	46	38	31	57	58	36	561
OTHER MIXED FEEDS 4/	44	42	132	200	194	255	424	47	59	221	334	79	2,031
TOTAL MIXED FEEDS	3,905	2,988	2,889	3,622	3,428	2,969	3,206	1,724	1,808	2,870	2,146	2,024	33,579
FEEDSTUFFS													
RICE BRAN	12												12
WHEAT BRAN	384	210	153	402	241	252	402	127	265	372	258	121	3,187
MIDDLINGS	579	440	247	355	383	476	277	234	171	447	140	118	3,867
MILLRUM	54	2	77	140	77	175	87	127	125	180	598	3	1,645
MISC. MILL FEEDS													
COPRA MEAL	500		300		280	175	305	250	205	160	295	35	2,505
COTTONSEED MEAL	485	553	631	102	184	46	96	381	64	346	118	30	3,036
LINSEED MEAL		1	2					5					8
SOYBEAN MEAL	540	521	728	902	3,075	408	116	184	2,028	759	499	252	10,012
FISH MEAL	55		35	51	90	15		2			15		263
MEAT AND BONE MEAL	13	16	7	9	234	35	15	6	14	12		4	365
WHEY	1	3	2	2	1	2		1	1	2		1	16
MISC. PROTEIN FEEDS	8												8
ALFALFA MEAL 3/	820	554	801	974	1,146	899	543	523	707	478	475	412	8,332
BET PULP													
TOTAL FEEDSTUFFS	3,451	2,300	2,983	2,937	5,711	2,483	1,841	1,840	3,580	2,756	2,398	976	33,256
TOTAL ALL FEEDS:													
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
1955	7,118	9,410	9,296	4,650	8,402	8,348	7,921	8,917	8,539	9,232	7,038	9,048	97,919

- 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, 1959 ^{1/}

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	T o n s												
BARLEY.....	---	500	---	500	---	350	---	---	---	---	---	1,120	2,470
COPRA MEAL.....	500	---	300	---	280	175	280	250	165	160	295	35	2,440
FISH MEAL.....	35	---	15	30	90	15	---	---	---	---	15	---	200
MISC. MILL FEEDS.....	50	---	75	100	75	175	85	125	125	175	595	---	1,580
TOTAL.....	585	500	390	630	445	715	365	375	290	395	905	1,155	6,690

^{1/} DATA INCLUDED IN TABLES 28 AND 29. BARLEY AND FISH MEAL ARE FROM CANADA; COPRA MEAL AND MISC. MILL FEEDS, FROM THE ORIENT.

TABLE 31.--LIVESTOCK: INSHIPMENTS FROM ALL SOURCES, BY MONTHS, 1959, TOTALS 1955-58 ^{1/}

ITEM	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1959	1958	1957	1956	1955
	NUMBER OF HEAD																
BEEF CATTLE.....	---	3	3	2	6	13	---	---	12	---	80	---	119	200	134	172	96
DAIRY COWS.....	---	139	205	100	107	179	204	60	215	203	101	111	1,624	2,080	2,647	2,117	1,757
DAIRY BULLS.....	---	---	---	1	2	2	2	6	---	---	6	---	19	6	8	9	4
CALVES.....	---	---	2	---	---	---	---	---	---	---	---	10	12	123	198	5	2
HOGS.....	---	160	---	---	---	1	1	---	---	---	394	234	790	1,366	1,034	478	981
GOATS.....	---	---	7	---	---	---	---	---	---	---	---	---	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, 1955-59 ^{1/}

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
HATCHING EGGS--DOZENS													
1955	16,600	14,900	16,600	13,400	12,500	8,600	7,600	7,600	5,800	7,400	8,800	8,900	128,700
1956	18,700	12,100	14,900	13,100	16,300	11,000	10,300	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
5-YEAR AVERAGE	14,500	12,700	13,100	12,900	12,200	11,100	10,100	11,400	10,300	11,800	11,300	12,100	143,500
CHICKS--NUMBER													
1955	20,800	24,100	29,700	27,500	33,500	38,500	25,700	47,600	53,400	53,900	47,200	33,700	435,600
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
5-YEAR AVERAGE	24,100	31,800	28,700	27,300	31,200	26,300	27,600	35,400	36,800	33,800	23,300	25,100	351,400

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

SOURCE: STATE BOARD OF AGRICULTURE AND CONSERVATION.

TABLE 33.--SPECIFIED DAIRY AND POULTRY PRODUCTS, AND MEATS: INSHIPMENTS FROM ALL SOURCES, BY DESTINATION, 1959, TOTALS 1955-58 ^{1/}

COMMODITY	DESTINATION				TOTAL RECEIPTS				
	HAWAII	KAUAI	MAUI	OAHU	1959 ^{2/}	1958	1957	1956	1955
	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.....	266	119	126	2,056	2,567 ^{3/}	2,879	2,404	2,490	2,665
BUTTER, FOR MFR.....	44	---	20	1,188	1,252	1,009	1,410	1,117	1,339
CHEESE.....	112	53	78	1,716	1,959	1,828	1,751	1,570	1,624
OLEOMARGARINE.....	213	97	188	2,325	2,823	2,626	2,768	2,539	2,396
MEATS: ^{4/}									
BEEF AND VEAL: FROM THE MAINLAND.....	208	220	109	10,301	10,838	10,457	14,768	15,919	13,738
FROM FOREIGN COUNTRIES.....	---	---	---	7,879	7,879	6,043	3,194	1,681	1,706
TOTAL.....	208	220	109	18,180	18,717	16,500	17,962	17,600	15,444
PORK: ^{5/} FROM THE MAINLAND.....	579	258	372	6,833	8,042	6,679	6,578	7,422	6,258
FROM FOREIGN COUNTRIES.....	---	---	---	209	209	95	38	188	260
TOTAL.....	579	258	372	7,042	8,251	6,774	6,616	7,610	6,513
LAMB AND MUTTON: FROM THE MAINLAND.....	8	9	---	777	794	666	859	991	856
FROM FOREIGN COUNTRIES.....	---	---	---	558	553	512	268	94	43
TOTAL.....	8	9	---	1,330	1,347	1,178	1,127	1,085	899
TOTAL MEATS:									
FROM THE MAINLAND.....	795	487	481	17,911	19,674	17,802	22,205	24,332	20,847
FROM FOREIGN COUNTRIES.....	---	---	---	8,641	8,641	6,650	3,500	1,963	2,009
TOTAL.....	795	487	481	26,552	28,315	24,452	25,705	26,295	22,856
POULTRY PRODUCTS									
CHICKENS, DRESSED ^{6/}	526	241	270	5,113	6,150	5,419	5,283	4,610	3,590
TURKEYS, DRESSED ^{6/}	146	73	76	2,157	2,452	2,529	2,250	2,502	1,942
	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.....	16	---	6	2,477	2,499	2,271	2,304	2,515	2,921

^{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, 287; CHEESE, 156; BEEF AND VEAL, 163; PORK, 146; AND TURKEYS, 166.^{3/} INCLUDING 366,000 POUNDS FROM 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/} Eviscerated and N.Y. DRESSED, 1955-57; Eviscerated, 1958-59.

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

YEAR	COFFEE, GREEN, 1955-59												
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
	1,000 POUNDS												
1955	1,474	889	659	1,282	231	141	34	36	28	344	570	1,181	6,869
1956	2,516	1,739	463	177	256	97	9	453	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
COMMODITY AND YEAR	FRESH PAPAYAS AND PINEAPPLES, 1955-59 1/												
	1,000 POUNDS												
PAPAYAS: 1955	74	132	74	77	94	42	43	21	17	25	164	192	955
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	187	224	187	2,430
1959	181	174	197	151	244	229	189	165	177	206	136	76	2,125
PINEAPPLES: 1955	354	538	1,059	1,253	1,093	1,030	662	558	549	631	668	851	9,296
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
YEAR	FLORAL MATERIAL, 1955-59 1/												
	1,000 PACKAGES												
1955	26	29	31	45	50	41	35	44	44	37	34	45	461
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
COMMODITY	FRESH VEGETABLES AND ROOT PRODUCTS, 1959 1/												
	1,000 POUNDS												
DASHEENS			1	1	4	3	7	10	4	2	1	1	34
GINGER ROOT	21	18	30	23	23	17	18	21	18	30	22	26	267
LOTUS ROOT	10	9	5				6	22	24	27	19	23	145
YAM BEAN ROOT	1	1	2	1	4	2						1	12
MISCELLANEOUS VEGETABLES										1	2	1	4

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

Table 35.--Outshipments of processed fruits, vegetables, miscellaneous crops and animal products, 1955-59^{1/}

Commodity	Unit	1959	1958	1957	1956	1955
<u>Fruits</u>						
Guavas:						
Puree, juice, and nectar base, frozen/chilled	Pounds	64,000	54,000	133,000	99,000	101,000
Nectar, canned	do.	298,000	276,000	302,000	251,000	221,000
Jams and jellies	do.	30,000	31,000	33,000	40,000	30,000
Papayas:						
Puree, juice, and nectar base, frozen/chilled	do.	148,000	98,000	188,000	140,000	103,000
Nectar, canned	do.	743,000	764,000	970,000	752,000	770,000
Balls, chunks and slices, canned	do.	169,000	159,000	196,000	175,000	154,000
Passion fruit:						
Juice and nectar base, frozen/chilled	do.	315,000	407,000	925,000	699,000	147,000
Miscellaneous:						
Nectars, canned ^{2/}	do.	95,000	111,000	148,000	154,000	82,000
Jams, jellies and preserves ^{3/}	do.	40,000	35,000	19,000	26,000	21,000
<u>Vegetables</u>						
Pickled	do.	513,000	487,000	444,000	408,000	350,000
<u>Nuts</u>						
Coconuts:						
Chips, prepared	do.	41,000	38,000	57,000	68,000	64,000
Milk, frozen	do.	13,000	9,000	5,000	5,000	3,000
Shredded, frozen	do.	10,000	7,000	7,000	8,000	8,000
Syrup	do.	5,000	5,000	7,000	11,000	9,000
Macadamia nuts, processed	do.	163,000	114,000	92,000	82,000	47,000

Continued

Table 35.--Outshipments of processed fruits, vegetables, miscellaneous crops and animal products, 1955-59^{1/}--Continued

Commodity	Unit	1959	1958	1957	1956	1955
<u>Other</u>						
Coffee, roasted	Pounds	20,000	7,000	7,000	6,000 ^{4/}	7,000 ^{4/}
Poi, fresh, frozen, bottled and canned	do.	118,000	113,000	96,000	86,000	69,000
<u>Animal products</u>						
Hides:						
Cattle	Number	45,000	44,000	38,000	41,000	42,000
Sheep	do.	500	400	400	1,000	3,000
Tallow	Pounds	21,000	22,000	132,000	201,000	26,000
Honey, extracted	do.	402,000	81,000	99,000	119,000	175,000
Beeswax	do.	10,000	5,000	8,000	10,000	5,000

^{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.

^{4/} REVISED.

SECTION IV DIVERSIFIED CROPS

Table 36.--Vegetables and fruits: Production and marketings, 1950-59^{1/}

Year	Total production ^{2/}			Marketings including outshipments ^{3/}			Marketings excluding outshipments ^{4/}		
	Vegetables and melons	Fruits	Total	Vegetables and melons	Fruits	Total	Vegetables and melons	Fruits	Total
	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	47,025	16,202	63,227	47,025	16,202	63,227	47,025	16,192	63,217
1950	46,095	15,250	61,345	45,714	13,745	59,459	45,714	13,459	59,173
1951	45,490	13,400	58,890	44,119	13,365	57,484	44,119	13,052	57,171
1952	48,250	15,750	64,000	47,080	15,700	62,780	47,080	15,369	62,449
1953	47,150	18,285	65,435	46,700	18,065	64,765	46,700	17,291	63,991
1954 ^{5/}	46,125	18,815	64,940	45,475	18,570	64,045	45,475	16,717	62,192
1955 ^{5/}	51,860	17,730	69,590	50,623	17,695	68,318	50,185	16,740	66,925
1956	47,245	19,010	66,255	46,525	19,010	65,535	46,067	17,442	63,509
1957	48,730	23,850	72,580	47,733	23,075	70,808	47,286	20,618	67,904
1958	50,585	24,405	74,990	49,270	23,532	72,802	48,917	21,102	70,019
1959	48,855	23,695	72,550	48,117	23,413	71,530	47,671	21,288	68,959

^{1/} PINEAPPLES, MANGOES, 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/} MOLOKAI NOT INCLUDED.

Table 37.--Vegetables, fruits, and miscellaneous crops: Acreage, production, and wholesale value of marketings, State, average 1953-57, annual 1958-59

Commodity	Acreage ^{1/}			Production ^{2/}			Value ^{3/}		
	Average 1953-57 ^{4/}	1958	1959	Average 1953-57 ^{4/}	1958	1959	Average 1953-57 ^{4/}	1958	1959
	Acres			1,000 pounds			1,000 dollars		
Vegetables and melons									
Beans, snap	199	139	169	2,000	1,860	1,850	315	339	363
Broccoli	56	42	54	375	345	420	71	69	79
Burdock	41	44	47	630	535	580	116	125	141
Cabbage, head	493	468	473	8,200	8,305	8,515	380	377	394
Cabbage, Chinese	328	213	222	3,600	2,990	2,850	370	267	293
Cabbage, mustard		84	83		1,185	1,280		119	129
Carrots	79	52	59	815	645	640	55	53	52
Cauliflower	40	45	27	410	535	340	50	57	38
Celery	46	29	28	1,285	1,080	1,140	139	130	130
Corn, green	359	292	165	1,145	850	560	88	65	46
Cucumbers	292	258	285	3,510	3,720	3,660	394	454	422
Daikon	316	334	352	3,620	3,735	3,635	177	234	232
Dasheens	18	15	20	350	315	350	58	61	63
Eggplant	39	42	36	715	845	890	73	110	109
Ginger root	10	5	25	440	180	730	102	67	221
Lettuce	327	350	314	3,195	3,605	3,005	364	435	389
Lotus root	62	66	66	420	370	320	105	86	80
Onions, dry	88	125	130	970	1,895	1,940	72	152	173
Onions, green	46	48	58	560	690	795	83	116	141
Peppers, sweet	82	83	72	950	1,295	1,050	165	241	190
Potatoes	104	55	80	650	440	570	45	40	49
Pumpkins	25	20	15	245	310	285	12	19	17
Squash, Italian	14	11	14	235	160	175	28	18	20
Sweetpotatoes	165	117	129	1,520	1,510	1,465	122	134	132
Tomatoes	457	424	346	5,980	6,455	5,535	877	984	898
Watercress	24	30	30	2,640	3,050	3,000	309	506	480
Cantaloups	24	28	23	145	240	195	25	41	35
Watermelons	487	316	287	3,405	3,440	3,080	313	325	306
Total vegetables and melons	4,221	3,735	3,609	48,010	50,585	48,855	4,908	5,624	5,622

<u>Fruits</u>									
Avocados:									
Bearing	171	182	181	1,010	1,225	1,115	84	82	78
Non-bearing	22	29	25	---	---	---	---	---	---
Bananas: <u>5/</u>									
Bearing	885	899	877	6,925	6,965	7,135	479	496	581
Non-bearing	90	143	157	---	---	---	---	---	---
Oranges:									
Bearing	24	29	29	260	350	450	15	23	29
Non-bearing	2	3	5	---	---	---	---	---	---
Papayas:									
Bearing	445	610	537	10,890	15,365	14,395	661	819	768
Non-bearing	228	226	279	---	---	---	---	---	---
Tangerines:									
Bearing	23	28	33	330	500	600	45	54	69
Non-bearing	2	6	7	---	---	---	---	---	---
Total fruits	1,892	2,155	2,130	19,415	24,405	23,695	1,284	1,474	1,525
Total vegetables, melons and fruits	6,113	5,890	5,739	67,425	74,990	72,550	9,192	7,098	7,147
<u>Miscellaneous crops</u>									
Coffee: <u>6/</u>									
Bearing	4,118	5,734	6,086	11,010	18,496	10,634	5,003	6,548	2,961
Non-bearing	1,117	1,055	102	---	---	---	---	---	---
Macadamia nuts: <u>7/</u>									
Bearing	1,476	1,856 ^{8/}	2,068	1,035	1,836	2,114	185	339	384
Non-bearing	1,403	1,377 ^{8/}	1,475	---	---	---	---	---	---
Rice <u>2/</u>	179	91	80	550	327	244	92	53	40
Taro	627	586	537	10,210	9,565	10,200	460	489	593
Total misc. crops	8,920	10,699 ^{8/}	10,348	22,805	30,224	23,192	5,740	7,429	3,978
Total diversified crops	15,033	16,589 ^{8/}	16,087	90,230	105,214	95,742	14,932	14,527	11,125

1/ ACREAGE OF TREE FRUITS, LOTUS ROOT, TARO, AND WATERCRESS IS AVERAGE ACREAGE FOR YEAR. ACREAGE OF MELONS, OTHER VEGETABLES AND RICE IS ACREAGE HARVESTED DURING THE YEAR. ACREAGE OF COFFEE AND MACADAMIA NUTS IS THAT AT END OF YEAR. 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 CALCULATED AT AVERAGE WHOLESALE PRICES OF MARKETINGS ON ISLAND OF ORIGIN. NO VALUE IS CALCULATED FOR QUANTITIES NOT HARVESTED BECAUSE OF MARKET CONDITIONS. FOR 1959, THE FOLLOWING QUANTITIES AND CROPS WERE NOT MARKETED (1,000 POUNDS): SHAP BEANS, 2; HEAD CABBAGE, 460; CHINESE CABBAGE, 60; CAULIFLOWER, 45; CELERY, 8; CUCUMBERS, 150; DAIKON, 3; EGGPLANT, 10; AVOCADOS, 30; BANANAS, 45; ORANGES, 30; PAPAYAS, 152; TANGERINES, 25, AND MACADAMIA NUTS, 2. 4/ MOLOKAI NOT INCLUDED. 5/ INCLUDING COOKING BANANAS. 6/ CROP YEAR ENDING JUNE 30 FOR PRODUCTION AND VALUE; PARCHEMENT BASIS. 7/ PRODUCTION AND VALUE ARE IN-SHELL BASIS. 8/ REVISED. 9/ PRODUCTION AND VALUE ARE MILLED BASIS.

TABLE 38.—VEGETABLES, FRUITS, AND MISCELLANEOUS CROPS: ACREAGE, PRODUCTION AND WHOLESALE VALUE OF MARKETINGS, BY ISLANDS, 1959

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.....	62	340	66	8	120	23	18	225	40				81	1,165	234
BROCCOLI.....	16	130	23				6	40	7				32	250	49
BURDOCK.....	47	580	141												
CABBAGE, HEAD.....	92	1,260	58	6	85	6	347	6,750	312				28	420	18
CABBAGE, CHINESE.....	115	1,410	127	2	30	5	56	845	92				49	565	69
CABBAGE, MUSTARD.....	5	70	6				5	35	4				73	1,175	119
CARROTS.....	17	200	16				42	440	36						
CAULIFLOWER.....							27	340	38						
CELERY.....	25	1,055	120				3	85	10						
CORN, GREEN.....	28	145	11				23	55	4	17	45	4	97	315	27
CUCUMBERS.....	93	1,130	110	58	775	107	36	490	54	2	20	2	96	1,245	149
DAIKON.....	276	2,310	127				4	55	3				72	1,270	102
DASHEENS.....	20	350	63												
EGGPLANT.....	9	120	13	3	60	10	5	65	8	2	75	8	17	570	70
GINGER ROOT.....	9	235	66										16	495	155
LETTUCE.....	154	1,215	151				50	370	49				110	1,420	189
LOTUS ROOT.....													66	320	80
ONIONS, DRY.....							116	1,685	143				14	255	30
ONIONS, GREEN.....	12	95	15										46	700	126
PEPPERS, SWEET.....	16	160	29	9	175	34	17	185	33				30	530	94
POTATOES.....	4	35	3	5	35	4	71	500	42						
PUMPKINS.....							15	285	17						
SQUASH, ITALIAN.....	14	175	20												
SWEET POTATOES.....	39	450	30	14	165	16	5	40	3				71	810	83
TOMATOES.....	133	1,790	277	37	735	136	101	1,525	242	5	75	12	70	1,410	231
WATERCRESS.....													30	3,000	480
CANTALOUPS.....							10	50	9	3	50	9	10	95	17
WATERMELONS.....	6	70	6	11	245	30	44	365	25	6	70	7	220	2,330	238
TOTAL VEGETABLES AND MELONS.....1959															
.....1958	1,192	13,325	1,478	153	2,425	371	1,001	14,430	1,171	35	335	42	1,228	18,340	2,560
AVERAGE 1953-57	1,077	11,565	1,230	159	3,005	438	990	15,245	1,262	50	310	37	1,459	20,460	2,657
	1,088	12,218	1,195	206	2,427	309	1,020	12,845	995	47	47	47	1,907	20,511	2,409
FRUITS															
AVOCADOS:															
BEARING.....	146	865	58	6	35	3	19	145	11				10	70	6
NON-BEARING.....	15						10								
BANANAS: 5/															
BEARING.....	83	765	64	14	185	19	17	160	10	3	50	4	760	5,975	484
NON-BEARING.....	29			30			23			1			80		

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ORANGES:															
BEARING	28	450	29				1								
NON-BEARING	2						3								
PAPAYAS:															
BEARING	345	9,460	429	2	40	3	16	235	15	4	90	6	170	4,570	315
NON-BEARING	205			1			12			1			60		
TANGERINES:															
BEARING	29	600	69				4								
NON-BEARING	7														
TOTAL FRUITS 1959	883	12,140	649	53	260	25	105	540	36	9	140	10	1,090	10,615	805
1958	809	12,855	654	39	235	21	113	515	33	12	160	8	1,182	10,640	758
AVERAGE 1953-57	472	5,087	318	21	241	17	100	586	34	4/	4/	4/	1,299	13,496	915
TOTAL VEGETABLES, MELONS AND FRUITS															
1959	2,075	25,475	2,127	206	2,685	396	1,106	14,970	1,207	44	475	52	2,308	28,955	3,365
1958	1,886	24,420	1,884	198	3,240	459	1,103	15,760	1,295	62	470	45	2,641	31,100	3,415
AVERAGE 1953-57	1,560	17,305	1,513	227	2,668	326	1,120	13,431	1,029	4/	4/	4/	3,206	34,007	3,324
MISCELLANEOUS CROPS															
COFFEE: 6/															
BEARING	6,086	10,634	2,961												
NON-BEARING	102														
MACADAMIA NUTS: 7/															
BEARING	1,828	1,932	350	109	94	18	29	16	3	2			100	72	13
NON-BEARING	1,005			80			355						35		
RICE 8/				80	244	40									
TARO	72	1,215	82	205	4,275	246	92	1,675	96	8	90	6	160	2,945	169
TOTAL MISO. CROPS															
1959	9,093	13,781	3,393	474	4,613	304	476	1,691	99	10	90	6	295	3,017	176
1958	9,623 ^{9/}	22,197	6,977	419	4,158	266	346	1,601	73	10	80	4	296	2,188	109
AVERAGE 1953-57	7,598	14,132	5,267	575	3,938	264	350	1,550	69	4/	4/	4/	397	3,186	140
TOTAL DIVER. CROPS															
1959	11,168	39,246	5,520	680	7,298	700	1,582	16,661	1,306	54	565	58	2,603	31,972	3,541
1958	11,514 ^{2/}	46,617	8,861	617	7,398	725	1,449	17,361	1,368	72	550	49	2,937	33,288	3,524
AVERAGE 1953-57	9,157	31,437	6,780	802	6,606	590	1,470	14,981	1,098	4/	4/	4/	3,603	37,193	3,464

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

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

4/ DATA NOT AVAILABLE.

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.

9/ REVISED.

TABLE 39.—VEGETABLES, FRUITS, AND TARO: PRODUCTION, BY MONTHS, 1959

COMMODITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
1,000 POUNDS													
VEGETABLES AND MELONS													
BEANS, SNAP	140	100	185	205	210	155	125	125	190	185	130	100	1,850
BROCCOLI	32	23	31	40	43	40	41	36	26	33	38	37	420
BURDOCK	35	40	45	35	35	55	55	50	55	45	50	80	580
CABBAGE, HEAD	900	760	690	710	730	705	585	623	767	755	648	642	8,515
CABBAGE, CHINESE	260	198	237	302	273	216	232	186	231	307	208	200	2,850
CABBAGE, MUSTARD	97	102	130	111	94	72	97	122	97	127	122	109	1,280
CARROTS	35	45	40	40	65	115	85	55	45	45	40	30	640
CAULIFLOWER	40	25	40	25	60	75	30	10	2	3	5	25	340
CELERY	65	60	65	120	110	150	115	95	95	90	95	80	1,140
CORN, GREEN	60	33	31	23	51	44	56	47	51	58	65	41	560
CUCUMBERS	271	295	317	447	465	378	286	235	250	290	255	221	3,660
DAIKON	275	252	268	335	353	310	300	305	312	305	300	320	3,635
DASHEENS	15	20	35	20	25	35	40	30	30	25	25	50	350
EGGPLANT	55	48	85	67	66	97	83	81	83	81	77	67	890
GINGER ROOT	55	55	70	55	50	50	65	65	50	70	65	80	730
LETTUCE	205	145	295	315	335	340	285	205	240	235	190	215	3,005
LOTUS ROOT	30	25	15	5	—	—	5	40	45	50	45	60	320
ONIONS, DRY	80	120	280	470	365	295	185	95	25	5	—	20	1,940
ONIONS, GREEN	65	70	65	75	70	75	65	60	60	60	65	65	795
PEPPERS, SWEET	125	85	90	90	95	80	85	65	80	80	90	85	1,050
POTATOES	20	30	15	65	80	165	95	40	15	—	20	25	570
PUMPKINS	25	2	4	50	30	50	30	25	10	35	20	4	285
SQUASH, ITALIAN	10	10	5	20	20	20	20	15	10	15	20	10	175
SWEETPOTATOES	105	122	123	145	175	170	123	97	107	110	95	93	1,465
TOMATOES	670	365	410	585	595	623	573	397	267	323	305	417	5,535
WATERCRESS	250	235	235	235	230	235	240	235	275	285	300	245	3,000
CANTALOUPS	—	—	—	12	60	55	10	5	5	18	25	5	195
WATERMELONS	—	5	15	265	415	1,130	795	310	82	23	25	15	3,080
TOTAL VEGETABLES AND MELONS	3,920	3,270	3,821	4,867	5,100	5,735	4,656	3,654	3,505	3,663	3,323	3,341	48,855
FRUITS													
AVOCADOS	83	103	136	93	66	61	75	78	101	113	103	103	1,115
BANANAS	598	532	542	518	537	532	530	671	661	655	646	663	7,135
ORANGES	20	15	10	5	—	—	—	—	35	140	125	100	450
PAPAYAS	1,171	1,037	963	953	1,327	1,523	1,441	1,329	1,238	1,362	1,188	863	14,395
TANGERINES	45	25	10	2	—	—	—	—	3	85	185	245	600
TOTAL FRUITS	1,917	1,712	1,661	1,571	1,930	2,116	2,096	2,078	2,033	2,655	2,247	1,974	23,695
TARO (FOR PROCESSING)	856	801	891	873	821	850	910	881	851	803	821	842	10,200

TABLE 40.--VEGETABLES, FRUITS AND MISCELLANEOUS CROPS: YIELD PER ACRE, AVERAGE 1953-57 AND ANNUAL 1958-59

COMMODITY	STATE			HAWAII			KAUAI			MAUI			MOLOKAI	OAHU		
	AVERAGE 1953-57 1/	1958	1959	AVERAGE 1953-57	1958	1959	AVERAGE 1953-57	1958	1959	AVERAGE 1953-57	1958	1959	1959	AVERAGE 1953-57	1958	1959
	1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS			1,000 POUNDS	1,000 POUNDS		
VEGETABLES AND MELONS																
BEANS, SNAP	10.1	13.4	10.9	7.9	7.7	5.5	8.9	15.0	15.0	9.1	12.4	12.5		11.1	15.5	14.4
BROCCOLI	6.7	8.2	7.8	6.5	8.8	8.1				6.8	7.5	6.7		7.0	8.0	7.8
BURDOCK	15.3	12.2	12.3	15.3	12.2	12.3										
CABBAGE, HEAD	16.7	17.7	18.0	14.7	10.9	13.7	12.6	16.1	14.2	17.8	20.0	19.5		14.0	15.5	15.0
CABBAGE, CHINESE		14.0	12.8		13.3	12.3		12.5	15.0		18.0	15.1			12.0	11.5
CABBAGE, MUSTARD		14.1	15.4		13.3	14.0					10.0	7.0			14.4	16.1
CARROTS	10.4	12.4	10.8	10.2	11.8	11.8				10.6	12.8	10.5				
CAULIFLOWER	10.2	11.9	12.6							10.2	11.9	12.6				
CELERY	28.5	37.2		27.3	32.5	42.2					28.3	28.3		29.1	41.9	
CORN, GREEN	3.0	2.9	3.4	4.3	5.0	5.2				3.0	3.8	2.4	2.6	3.1	2.7	3.2
CUCUMBERS	11.8	14.4	12.8	14.5	16.8	12.2	14.3	15.4	13.4	11.2	14.7	13.6	10.0	10.7	12.7	13.0
DAIKON	11.6	11.2	10.3	10.1	8.7	8.4				16.0	16.7	13.8		17.8	19.9	17.6
DASHEENS	19.9	21.0	17.5	19.9	21.0	17.5										
EGGPLANT	17.9	20.1	24.7	16.0	12.5	13.3	12.4	21.7	20.0	16.3	15.0	13.0	37.5	20.1	22.7	33.5
GINGER ROOT	42.4	36.0	26.1	40.9	36.0	26.1				50.6						30.9
LETTUCE	9.9	10.3	9.6	8.5	8.6	7.9				10.1	9.9	7.4		13.3	13.6	12.9
LOTUS ROOT	6.8	5.6	4.8											6.8	5.6	4.8
ONIONS, DRY	11.0	15.2	14.9							11.0	15.2	14.5			15.0	18.2
ONIONS, GREEN	12.2	14.3	13.7	9.0	7.5	7.9								12.7	15.4	15.2
PEPPERS, SWEET	11.7	15.6	14.6	11.1	15.6	10.0	14.1	24.6	19.4	10.4	10.7	10.9		11.8	16.2	17.7
POTATOES	6.3	3.0	7.1	7.3	8.3	8.8			7.0	5.8	8.0	7.0				
PUMPKINS	9.8	15.5	19.0							9.8	15.5	19.0				
SQUASH, ITALIAN	17.0	14.5	12.5	17.0	14.5	12.5										
SWEET POTATOES	9.4	12.9	11.4	9.1	10.5	11.5	9.0	14.5	11.8	8.7	10.6	8.0		9.8	15.1	11.4
TOMATOES	13.1	15.2	16.0	13.4	10.5	13.5	14.0	23.8	19.9	12.2	14.4	15.1	15.0	13.7	17.5	20.1
WATERCRESS	110.9	101.7	100.0											110.9	101.7	100.0
FRUITS 2/																
CANTALOUPS		8.6	8.5								7.1	5.0	16.7		8.8	9.5
WATERMELONS	7.0	10.9	10.7	9.0	11.2	11.7	16.8	23.3	22.3	6.4	10.3	8.3	11.7	6.8	10.6	10.6
AVOCADOS	6.1	6.7	6.2	5.5	6.4	5.9	8.2	10.8	5.8	8.7	8.0	7.6			7.0	7.0
BANANAS	7.8	7.7	8.1	10.3	10.6	9.2	11.0	7.0	13.2	7.5	6.6	9.4	16.7	7.7	7.5	7.9
ORANGES	10.8	12.5	16.1	10.8	12.5	16.1										
PAPAYAS	33.9	25.2	26.8	24.1	28.7	27.4	21.6	21.7	20.0	10.8	10.0	14.7	22.5	24.2	20.6	26.9
TANGERINES	14.4	17.9	20.7	14.4	17.9	20.7										
MISCELLANEOUS CROPS																
COFFEE 2/ 3/	2.7	3.2	1.7	2.7	3.2	1.7										
MACADAMIA NUTS 2/ 4/	0.7	1.0	1.0	0.7	1.1	1.1	0.9	0.8	0.9	0.8	0.1	0.6		1.1	1.0	0.7
RICE 5/	3.1	3.6	3.0				3.1	3.6	3.0							
TARO	15.9	16.3	19.0	15.7	13.3	16.9	20.0	22.3	20.9	18.4	16.7	18.2	12.5	13.6	13.0	18.4

1/ MOLOKAI NOT INCLUDED. 2/ BEARING ACRE-YIELD. 3/ PARCHMENT BASIS. 4/ IN-SHELL BASIS. 5/ MILLED BASIS.

SECTION V LIVESTOCK

TABLE 41.—BEEF CATTLE: ACREAGE GRAZED, NUMBER ON RANCHES, SLAUGHTER, AND CARCASS VALUE, 1950-59 ^{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
1950	1,400	142,200	29,470	14,682	6,482
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	13,988	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	9,603

^{1/} RANCHES WITH HERDS OF 20 HEAD OR MORE, UNLESS OTHERWISE INDICATED.

^{2/} DECEMBER 31 FOR 1950-55; JANUARY 1 FOLLOWING YEAR FOR 1956-59.

^{3/} 1954-59 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, 1960 AND SLAUGHTER AND CARCASS VALUE, BY ISLANDS, 1959 ^{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	178	680	100,150	24,390	13,024	5,358
KAUAI/NIIHAU	48	128	14,390	3,970	1,965	819
MAUI	85	160	34,210	7,050	3,581	1,551
MOLOKAI	14	83	7,140	820	446	177
KAHOOLAWE	35	28	8,610	7,560	3,880	1,703
STATE	360	1,079	164,500	43,790	22,896	9,603

^{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, 1950-59 1/

YEAR	DAIRIES 2/	NUMBER OF MILK COWS 2/	ANNUAL MILK PRODUCTION PER COW 3/	VOLUME OF MARKETINGS			VALUE OF MARKETINGS		
				CATTLE 4/	DRESSED WEIGHT	TOTAL MILK	MEAT 5/	MILK 6/	TOTAL
	NUMBER		QUARTS	NUMBER	1,000 POUNDS	1,000 QUARTS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS
1950	75	9,900	3,686	3,390	876	35,624	339	6,449	6,788
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

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

2/ AUGUST 31 FOR 1950-55; JANUARY 1 FOLLOWING YEAR FOR 1956-59.

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

4/ INCLUDING CALVES.

5/ BASED ON PRICES RECEIVED BY FARMERS.

6/ BASED ON PRICES RECEIVED BY FARMERS, DELIVERED BOTTLING PLANT FOR 1950-57; ON PRICES RECEIVED FOR BULK MILK DELIVERED BOTTLING PLANT AND FOR BOTTLED MILK DELIVERED TO RETAILERS AND CONSUMERS FOR 1958-59.

TABLE 44.--DAIRIES: AVERAGE NUMBER OF COWS, MILK PRODUCTION PER COW, MILK MARKETED, SLAUGHTER, AND VALUE OF PRODUCTS, BY ISLANDS, 1959

ISLAND	AVERAGE NUMBER OF COWS, 1959	ANNUAL MILK PRODUCTION PER COW	VOLUME OF MARKETINGS			VALUE OF MARKETINGS		
			CATTLE AND CALVES	DRESSED WEIGHT	MILK	MEAT 1/	MILK 2/	TOTAL
		QUARTS	NUMBER	1,000 POUNDS	1,000 QUARTS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS
HAWAII	950	3,125	180	88	2,838	21	569	590
KAUAI	590	3,266	100	59	1,854	20	492	512
MAUI	780	3,532	150	79	2,360	25	656	681
MOLOKAI	60	3,033	10	5	157	2	45	47
KAHOOLAWE	10,470	4,374	2,850	1,622	44,873	508	8,122	8,630
STATE	12,800	4,176	3,290	1,853	52,082	576	9,884	10,460

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.

TABLE 45.—DAIRIES: NUMBER OF FARMS, BY SIZE AND ISLANDS, JANUARY 1, 1960

ISLAND	TOTAL FARMS	FARMS WITH SIZE OF HERD—			
		800 OR MORE	150 TO 299	50 TO 149	10 TO 49
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HAWAII	14	—	2	4	8
KAUAI	6	1	—	2	3
MAUI	5	1	1	1	2
MOLOKAI	2	—	—	1	1
OAHU	55	7	18	25	5
STATE	82	9	21	33	19

TABLE 46.—HOGS: NUMBERS, SLAUGHTER, AND LIVE WEIGHT VALUE, 1950-59 ^{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
1950	518	63,400	940	8,370	37,270	16,820	53,400	163	8,829	3,003
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	10,310	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 ^{6/}	3,872 ^{6/}
1959	297	58,990	5/	7,140	5/	5/	66,530	162	10,759	3,731

^{1/} FARMS WITH HERDS OF 10 OR MORE HEAD OF ALL AGES.^{2/} AUGUST 31 FOR YEARS 1950-55; JANUARY 1 FOLLOWING YEAR FOR 1956-59.^{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.^{6/} REVISED.

TABLE 47.—HOGS: NUMBERS, JANUARY 1, 1960, SLAUGHTER AND LIVE WEIGHT VALUE AND PIG CROP, BY ISLANDS, 1959

ISLAND	NUMBER ON JANUARY 1, 1960				PIG CROP, 1959		SLAUGHTER, 1959			
	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	3,820	520	1,020	2,280	590	5,250	6,410	154	989	340
KAUAI	2,280	350	510	1,420	440	3,350	2,660	146	388	168
MAUI	2,430	300	550	1,580	510	4,070	4,550	148	675	243
MOLOKAI/LANAI	570	90	80	400	20	160	600	155	93	36
OAHU	49,890	5,880	13,390	30,620	9,100	77,970	52,310	165	8,614	2,944
STATE	58,990	7,140	15,550	36,300	10,660	90,800	66,530	162	10,759	3,731

1/ BASED ON PRICES RECEIVED BY FARMERS.

TABLE 48.—HOGS: NUMBER OF FARMS, BY SIZE OF HERD AND ISLANDS, JANUARY 1, 1960

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	1	1	15	25
KAUAI	32	1	1	8	28
MAUI	39	1	1	9	30
MOLOKAI/LANAI	13	1	1	1	12
OAHU	172	22	26	82	42
STATE	297	22	28	115	132

TABLE 49.--CHICKENS: PRODUCTION, MARKETINGS, AND VALUE OF MEAT BIRDS AND EGGS MARKETING, 1950-59 1/

YEAR	MEAT BIRDS MARKETING			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
1950.....	545	1,994	949	3,707	3,611	2,379
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	4,905	1,848	9,397	8,975	5,900
1959.....	1,336	5,256	1,849	9,917	9,479	5,806

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

2/ BASED ON: WHOLESALE PRICES FOR 1950-57; PRICES RECEIVED BY FARMERS FOR 1958-59.

TABLE 50.--CHICKENS: NUMBERS ON FARMS AND ANNUAL RATE OF LAY, 1950-59 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
1950.....	611	298	118	65	130	159.6
1951.....	680	312	123	109	136	159.6
1952.....	799	378	118	106	137	155.9
1953.....	752	398	149	95	110	168.6
1954.....	843	416	179	109	189	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

1/ NUMBERS ON AUGUST 31 FOR 1950-55; JANUARY 1 FOLLOWING YEAR FOR 1956-59.

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, 1950-59 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
1950.....	422	13	35	108	259	7
1951.....	397	17	38	121	214	7
1952.....	375	22	50	118	172	13
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

1/ AUGUST 31 FOR 1950-55, JANUARY 1 FOLLOWING YEAR FOR 1956-59. NUMBER OF FARMS BY SIZE GROUPS REVISED FOR 1950-55 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, 1959

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.....	184	741	295	2,087	1,832	1,083
KAUAI.....	118	531	192	1,177	1,126	685
MAUI.....	61	280	107	693	670	423
MOLOKAI.....	2	9	4	11	11	7
OAHU.....	971	3,695	1,251	5,949	5,840	3,608
STATE.....	1,336	5,256	1,849	9,917	9,479	5,806

1/ BASED ON PRICES RECEIVED BY FARMERS.

TABLE 53.—CHICKENS: NUMBER OF FARMS, BY SIZE OF FLOCK, BY ISLANDS, JANUARY 1, 1960

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	79	14	11	25	27	2
KAUAI	25	6	7	10	2	—
MAUI	21	4	5	6	5	1
MOLOKAI	3	—	—	1	2	—
OAHU	97	31	20	22	9	15
STATE	225	55	43	64	45	18

^{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, 1960 AND ANNUAL RATE OF LAY, BY ISLANDS, 1959

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	172,800	114,900	22,600	35,000	300	212.7
KAUAI	105,300	61,500	11,300	32,500	—	225.2
MAUI	68,300	41,500	7,200	19,000	600	216.1
MOLOKAI	1,400	700	300	400	—	182.0
OAHU	752,300	357,800	127,700	259,500	7,300	201.1
STATE	1,100,100	576,400	169,100	346,400	8,200	207.4

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

TABLE 55.—HONEY AND BEESWAX: NUMBER OF PRODUCERS, COLONIES, PRODUCTION AND VALUE OF PRODUCTS, 1950-59

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
1950.....	22	8,900	89	795	59.7	17.1	7.0	66.7
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	3.3	38.6
1959.....	21	6,210	47	295	33.4	5.8	2.4	35.8

^{1/} EXTRACTED.

TABLE 56.—HONEY AND BEESWAX: NUMBER OF PRODUCERS, COLONIES, PRODUCTION AND VALUE OF PRODUCTS, BY ISLANDS, 1959

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.....	7	840	138	112	17.9	1.5	0.6	18.5
KAUAI/NIIHAU...	2	3,390 2/	97 2/	63 2/	4.5 2/	1.8 2/	0.8 2/	5.3 2/
MAUI.....	8	1,040	88	92	7.0	1.7	0.7	7.7
MOLOKAI.....	1	3/	3/	3/	3/	3/	3/	3/
OAHU.....	3	940	30	28	4.0	0.8	0.3	4.3
STATE.....	21	6,210	47	295	33.4	5.8	2.4	35.8

^{1/} EXTRACTED.^{2/} DATA COMBINED WITH MOLOKAI TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.^{3/} DATA INCLUDED WITH KAUAI/NIIHAU.

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.

Prices reported are prices received by farmers at the point of sale, where available. Other prices are explained in table footnotes. In general, current prices for all products except fruits and vegetables are prices received by farmers. For fruits and vegetables wholesale prices are used. Monthly wholesale prices in Honolulu are medians of quotations in the Tuesday or Thursday Federal-State market reports. Annual average wholesale prices are weighted for volume sold by season and grade.

Values are calculated on the basis of prices received by farmers, where available. 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.