

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service
and the
MICHIGAN DEPARTMENT OF AGRICULTURE
Bureau of Foods & Standards
Cooperating

MARKET NEWS SERVICE ON FRUITS AND VEGETABLES

MARKETING MICHIGAN STRAWBERRIES
Summary of the 1955 Season

by

R. E. Keller

Benton Harbor, Michigan

February, 1956

MARKETING MICHIGAN STRAWBERRIES

Summary of the 1955 Season

by
R. E. Keller

General:

The highest total value on record featured the Michigan 1955 Strawberry marketing season, and was placed at \$7,498,000 by the Michigan Crop Reporting Service. This record was due both to acreage increase, near record average prices, and moderate average yields.

In spite of an advanced season and a severe freeze on May 9, when plants were in bloom, average yields for the State were 28% above 1954 and only 11% below the 5-year average (1949-53). Many patches were protected from damage by irrigation. Also, weather during harvest period was excellent for maturing late bloom, mitigating a portion of earlier loss.

The development of the Strawberry freezing industry principally since the end of World War II, has placed the product on the market on a 12-month basis instead of the limited time during harvest periods. As a result of increased demand, both in Michigan and nationally, striking production increases have occurred. In 1945, Michigan acreage was placed by the Crop Reporting Service at 5,000 acres. Annual increases have occurred yearly, since, with 11,000 acres reported in 1955. Total State yields in 1945 amounted to 375,000 (24-qt) crates, and in 1955 amounted to 990,000 crates. The total U. S. acreage in 1945 was estimated at 75,400 acres, with yields of 5,203,000 (24-qt) crates and had increased in 1955 to 108,860 acres with yields of 12,821,000 crates.

Higher yields in Michigan are expected because of the recent sharp increase in irrigation facilities. Irrigation affords protection from devastating losses from spring frosts, better yields during harvest if season is dry, and healthier plants during the growing season. Increased fertilizer can be used without burning plants. It is estimated in the heavy production area in Southwestern Michigan, which accounts for approximately three-quarters of the acreage, that 50% of the plantings are now under irrigation, and most of this has taken place in the past two years. Additional facilities are expected this coming season.

Fresh Market Utilization - Michigan:

The Crop Reporting Service estimated the Michigan 1955 Strawberry crop at 990,000 (24-qt) crates, or the equivalent of 1,485,000 16-qt crates, the size commonly used in Michigan. Of this 665,000 (24-qt) crates, (997,500 16-qt crates), amounting to 66% of the crop, went to fresh market channels. The bulk of the fresh market movement originated in Southwestern Michigan. Probably 85% or more of the fresh market tonnage in this area moves over the Benton Harbor Cash Market with the balance going direct to market. The 1955 Strawberry movement over the Market amounted to 526,973 (16-qt crates). Nearly all of the Benton Harbor Cash Market movement went into fresh market channels, with probably less than 5% going to processors. There are other smaller fresh market producing areas, such as Grand Rapids, Alpena and Houghton districts, as well as widely scattered patches serving local needs.

The weighted average price of Strawberries selling over the Market amounted to \$5.31 per 16-qt crate, as compared to \$5.48 for 1954 and \$4.57 for the 10-year average. The Crop Reporting Service estimated the State average price on stock for fresh market at \$8.10 per 24-qt crate or \$5.40 per 16-qt crate. Total value of Strawberries over the Benton Harbor Cash Market amounted to \$2,798,226.63 and accounted for approximately 37% of the value of the crop produced by Michigan.

Distribution of Michigan Strawberries to fresh market dominates markets in Midwestern points during the harvesting period. A limited volume moves to Eastern and Southern markets depending on the local supply situation.

Processor Utilization:

Processors utilized 34% of the 1955 Michigan Strawberry crop according to the Crop Reporting Service, amounting to 325,000 24-qt crates (34 pounds capped fruit per crate), for a total of 11,050,000 pounds. This compares to an earlier preliminary report released by the Benton Harbor Market News Office of 10,786,611 pounds.

The 1955 average price per crate for processing was placed at \$6.50 per 24-qt crate, (34 lbs. capped fruit) and was exceeded only slightly in two years - 1948 and 1954, since records have been tabulated.

Total grower value of the 1955 crop for processing amounted to \$2,112,000.00 or approximately 28% of the total value of the State's crop. Production of berries for processing is heaviest in Southwestern Michigan. In this section, tonnage may go either to fresh or processed markets, depending on the market, weather, labor for picking and capping. Production is also extensive on the Northwestern side of the State. Production in Northwestern districts is principally for processing.

Varieties:

Robinsons and Premier varieties account for the bulk of Michigan's plantings. Other varieties such as Fairlands, Aberdeens, Clusters, Sparkles, Blakemores, Temples, Red Crop, etc., account for most of the balance of the plantings.

Containers:

Nearly all the fresh market stock is marketed in 16-qt crates, either wirebound or nailed.

Michigan Strawberry acreage Census Data

The preliminary 1954 census on strawberry acreage for 1954 was recently released and is listed on page 4 by counties. This data - while preliminary indicates the heavy producing areas.

(add word Near - making read Near annual etc) (Continued page 2)

MICHIGAN STRAWBERRIES; ACREAGE, YIELD, PRODUCTION, VALUE AND UTILIZATION #

CROP YEAR	TOTAL CROP				PROCESSING		FRESH MARKET		
	Acres harvested (Acres)	Yields per acre (24 qt. crates)	Production (1,000 crts)	Average price paid growers per crt	Value of Production \$1,000	Quantity (1,000 crates)	Price paid for processing berries	Quantity (1,000 crts)	Average price for fresh sales
1942	8,200	100	820	\$3.05	2,501				
1943	6,400	105	672	6.25	4,200				
1944	5,700	70	399	7.30	2,913				
1945	5,000	75	375	8.65	3,244				
1946	6,700	80	536	10.30	5,521				
1947	8,000	110	880	7.35	6,468				
1948	8,500	95	808	8.73	7,052	215	7.15	593	\$9.30
1949	7,600	85	646	7.53	4,867	97	4.90	549	8.00
1950	8,400	120	1,008	6.54	6,588	576	6.15	432	7.05
1951	9,300	100	930	6.16	5,733	312	5.70	618	6.40
1952	10,000	100	1,000	5.81	5,813	390	5.05	610	6.30
1953	10,500	100	1,050	6.73	7,067	405	6.30	645	7.00
1954	10,000	70	700	7.74	5,416	270	7.00	430	8.20
1955	11,000	90	990	7.57	7,498	325	6.50	665	8.10

Source - Michigan cooperative Crop Reporting Service

DELIVERIES ON FRESH FRUIT BASIS BY POUNDS - AVERAGE VALUE & TOTAL VALUE OF MICHIGAN STRAWBERRIES TO PROCESSORS 1955 SEASON: #

	Pounds	Avg. Price	Total Value
1955 Field Capped	10,205,611	\$.18	\$1,837,009.98
Uncapped	581,000	.14	81,340.00
Total	10,786,611		\$1,918,349.98

(#) Source - Reports from known Michigan processors to Market News Service, Benton Harbor, Michigan; report taken at completion of harvest, and not all records final.

DELIVERY OF STRAWBERRIES TO CALIFORNIA FREEZERS ONLY, 1953-1955 SEASONS: Fresh*fruit basis, compiled from weekly reports furnished by all known freezers. (Source - Federal State Market News Service, San Francisco, California.)

SEASON	POUNDS
1955	96,944,764
1954	81,099,947
1953	78,715,114

DELIVERY OREGON STRAWBERRIES TO OREGON PROCESSORS (all types - frozen, jams, jellies, etc.) 1954-55 Seasons, Fresh*fruit basis, compiled from weekly reports furnished by all known processors. (Source - Federal State Market News Service, Portland, Oregon.)

SEASON	POUNDS
1955	81,903,475
1954	54,207,499

DELIVERY WASHINGTON STRAWBERRIES TO WASHINGTON PROCESSORS (all types - frozen, jams, jellies, etc.) 1954-55 Seasons, Fresh*fruit basis, compiled from weekly reports furnished by all known processors. (Source - Federal State Market News Office, Seattle, Washington.)

SEASON	POUNDS
1955	31,761,788
1954	38,110,901

(*) Note: Fresh fruit basis - pack-out is greater than these figures, due to addition of sugar in processing.

UNITED STATES COLD STORAGE HOLDINGS OF BERRIES BY MONTHS, 1948-55: 1/

YEARS	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1948	38741	31626	22666	15908	40761	100390	106628	112757	102871	97578	90106	83599
1949	76495	67411	53251	36370	47320	80867	84038	74944	68444	61976	53876	47452
1950	36403	28505	18102	11077	46513	106785	115688	120512	115535	113368	107224	97697
1951	87074	77063	62493	50569	77079	128275	129564	128285	120443	112769	104465	96560
1952	85536	70645	58262	41494	67549	131126	139998	133346	130101	123704	117234	105862
1953	97371	80719	61700	45428	44423	101112	143045	150991	149025	144561	133605	119214
1954	105010	87400	68373	51543	58511	102841	144540	143586	141869	133907	121575	109823
1955	95250	75807	58507	40633	48914	106487	163194	171585	168646	162295	151883	136474 2/

1/ On last day of month beginning July, 1950; before July, 1950, the figures are as of the first day of the following month.

2/ Preliminary.

Source: Monthly Cold Storage Report, Agricultural Marketing Service, Transportation and Warehousing Branch, U. S. D. A., Washington, D. C.

SUMMARY, 10-YEAR (1945-54) AND 1955 BENTON HARBOR CASH MARKET STRAWBERRY MOVEMENT, by count, and carlot equivalents, weighted seasonal average price, 16-qt crate basis and seasonal value: (Count and total price revised from previous strawberry summaries to include few late season shipments)

YEAR	Number packages Season Totals	Carlot Equiv. Season Total	Season Averages	Cash Returns Season Total
1945	40,431	72	\$5.76	\$232,882
1946	136,283	243	7.14	973,060
1947	362,611	646	5.20	1,887,577
1948	265,082	473	5.52	1,463,253
1949	382,371	683	4.74	1,811,253
1950	447,982	759	4.03	1,926,267
1951	534,402	891	4.06	2,169,672
1952	484,649	808	3.83	1,856,206
1953	553,208	922	4.46	2,466,057
1954	306,067	510	5.45	1,668,065
1955	526,973	878	5.31	2,798,226
10-Year Average	351,298	600	4.57	1,645,429

DAILY MOVEMENT 16-qt CRATES AND THEIR CARLOT EQUIVALENTS, BENTON HARBOR CASH MARKET 1954-55:

DATE		1955		1954		DATE		1955		1954	
16-qt	C/L	16-qt	C/L	16-qt	C/L	16-qt	C/L	16-qt	C/L	16-qt	C/L
crates	Equiv.	crates	Equiv.	crates	Equiv.	crates	Equiv.	crates	Equiv.	crates	Equiv.
May 20	6					June 15	20619	34.3	26189	43.6	
21						16	32459	54.0	20621	34.3	
22	55					17	28231	47.0	21363	35.6	
23	513	.8				18			25725	42.8	
24	881	1.5				19	31884	53.1			
25	2796	4.7				20	23783	39.6	23579	39.2	
26	2134	3.5				21	15570	25.9	20051	33.4	
27	6014	10.0				22	15159	25.2	15077	25.1	
28						23	10357	17.2	12672	21.1	
29						24	9812	16.3	11179	18.6	
30	15340	25.6				25			11079	18.4	
31	5934	9.8				26	7202	12.0			
June 1	14003	23.3				27	7169	11.9	6971	11.6	
2	14475	24.1				28	2766	4.6	3381	5.6	
3	28946	48.2				29	2056	3.4	804	1.3	
4						30	1269	2.1	1266	2.1	
5	39321	65.5				July 1	1213	2.4	544	.9	
6	26919	44.8	774	1.2		2			319	.5	
7	20457	34.0	1333	2.2		3			180	.3	
8	23369	38.9	4089	6.8		4	310	.5			
9	20522	34.2	8722	14.8		5	447	.7			
10	20458	34.0	15488	25.8		6	20				
11			21554	35.9		7	44				
12	25901	43.1				8-20	40				
13	15825	26.3	31722	52.8		TOTALS	526973	878.2	305904	509.0	
14	32702	54.5	20198	33.6							

CASH TO GROWER PRICES BENTON HARBOR CASH MARKET - 1955 SEASON: Daily price range by varieties and daily average price of all sales. (16-qt crates) (Light offerings of Fairlands, Clusters, Sparkles, Aberdeens & other varieties through the season sold mostly in price range of Premiers.)

DATE	Robinsons	Premiers	Average	DATE	Robinsons	Average
May 27	\$5.50-7.00	\$3.00-6.75	\$5.50	June 24	\$4.50-9.00	\$6.25
30	5.00-7.10	3.25-6.75	4.75	26	4.50-8.00	5.90
31	4.00-6.60	3.50-6.50	5.25	27	3.50-7.10	5.00
June 1	6.00-7.35	5.00-7.25	5.75	28	3.50-5.35	4.35
2	6.00-8.10	5.00-8.00	7.00	29	4.50-7.50	5.25
3	5.50-7.70	4.00-6.50	5.75	30	4.25-8.00	5.00
5	4.50-6.00	3.25-5.25	4.90	July 1	5.00-7.45	5.75
6	5.00-6.65	3.25-5.00	4.90	4	4.50-6.75	6.00
7	5.50-7.75	4.25-5.85	5.75	5	4.25-5.25	4.50
8	4.00-8.00	4.00-6.15	5.75	6	5.75	5.75
9	5.00-9.00	4.00-6.65	7.25	7	6.25	6.25
10	5.00-7.25	4.00-6.00	5.75			
12	5.00-8.00	4.00-6.40	5.75			
13	4.00-7.25	4.00-6.10	5.25			
14	3.50-6.25	3.00-5.00	4.65			
15	4.50-8.60	4.00-5.90	5.50			
16	4.00-8.50	4.00-5.25	5.15			
17	3.50-6.50	3.50-5.00	5.00			
19	3.50-7.00	3.50-5.00	4.65			
20	3.25-5.50	3.00-4.25	4.15			
21	3.25-7.00	3.10-4.00	4.25			
22	4.00-7.00	3.85-4.30	5.10			
23	4.25-8.50	4.25-4.85	6.15			

STRAWBERRY CENSUS MICHIGAN - 1954: (Source - U. S. Bureau Census, Preliminary)

Dist. 1	County	Acres	Harvested	Dist. 4	County	Acres	Harvested	Dist. 8	County	Acres	Harvested
	Alger	1			Lake	11			Barry	13	
	Baraga	9			Mason	266			Branch	11	
	Chippewa	15			Muskegon	87			Calhoun	45	
	Delta	7			Newaygo	11			Clinton	9	
	Dickinson	4			Oceana	129			Eaton	28	
	Gogebic	3			TOTAL	504			Hillsdale	12	
	Houghton	264							Ingham	6	
	Iron	1		5	Clare	9			Ionia	49	
	Keweenaw	2			Gladwin	3			Jackson	29	
	Luce	4			Grafton	45			St. Joseph	27	
	Mackinac	2			Isabella	11			Shiawassee	8	
	Marquette	4			Mecosta	14			TOTAL	237	
	Menominee	5			Midland	5					
	Ontonagon	3			Montcalm	9		9	Genesee	46	
	Schoolcraft	4			Osceola	9			Lapeer	29	
	TOTAL	328			TOTAL	105			Lenawee	25	
2	Antrim	17		6	Arenac	2			Livingston	24	
	Benzie	40			Bay	12			Macomb	49	
	Charlevoix	22			Huron	9			Monroe	88	
	Emmet	20			Saginaw	40			Oakland	30	
	Grand Traverse	83			Sanilac	14			St. Clair	16	
	Kalkaska	7			Tuscola	9			Washtenaw	43	
	Leelanau	109			TOTAL	86			Wayne	44	
	Manistee	387							TOTAL	394	
	Missaukee	13		7	Allegan	226			STATE TOTAL	7880	
	Wexford	14			Berrien	2674					
	TOTAL	712			Cass	156					
3	Alcona	14			Kalamazoo	51					
	Alpena	385			Kent	88					
	Cheboygan	22			Ottawa	171					
	Crawford	4			Van Buren	1681					
	Iosco	2			TOTAL	5047					
	Montmorency	1									
	Ogemaw	3									
	Oscoda	4									
	Otsego	14									
	Fresque Isle	20									
	Roscommon	2									
	TOTAL	467									

JOBBER SALES MICHIGAN STRAWBERRIES IN IMPORTANT MARKETS: (Complete price range reported) (16-qts)

DATE	CHICAGO:		DETROIT:		CLEVELAND:
	Premiers	Robinsons	Premiers	Robinsons	
May 27	\$4.00-6.00				
28					
29					
30					
31	3.00-5.00		4.00-5.50		\$5.50-6.50
June 1	3.50-6.50		5.50-6.50		
2	4.00-7.50	\$8.00	6.00-7.50		
3	6.00-8.00	8.00-8.50	6.50-7.50	7.00-8.00	
6	3.50-5.00	5.00-6.25	4.00-5.25	4.00-6.50	5.00-5.50
7	3.50-5.50	5.00-7.00	4.00-4.50	5.00-6.25	
8	4.00-6.00	5.50-7.50		5.50-6.50	
9	3.50-6.00	4.00-7.50		4.00-7.50	5.00-7.50
10	5.00-6.50	6.00-8.00	5.00-7.00	7.00-9.00	5.00-7.00
13	4.00-5.75	5.00-7.00		5.00-7.00	5.00-5.50
14	4.00-5.50	5.00-7.50		4.50-6.50	
15	4.00-5.00	4.50-6.50	4.00-5.00	4.50-6.50	4.25-4.75
16	4.50-5.50	5.00-8.00	5.75-6.00	5.50-7.00	
17	3.50-5.00	4.00-6.50		4.00-7.00	5.00-7.00
20	4.25-5.00	4.50-6.50		4.00-5.50	4.75-6.50
21	3.00-4.75	3.50-7.00		4.00-6.00	4.00-5.00
22	3.00-4.50	4.00-7.00		5.00-6.00	4.00-5.50
24	4.00-5.00	5.00-7.50		5.50-6.50	7.00-8.50
27		5.50-7.50		5.00-7.50	
28		3.00-6.50		5.00-6.00	5.00-7.50
29		3.50-7.00		4.00-6.00	3.50-5.00
30		4.50-6.00		4.00-4.25	
July 1		4.50-7.50		4.00-5.50	
5		2.00-5.50		4.00-5.00	
6		4.00-7.00		4.00-6.00	
7				4.00-6.00	
8				4.00-6.00	

JOBBER SALES MICHIGAN STRAWBERRIES (CONT'D):

DATE	CINCINNATI: Various Varieties	PITTSBURGH: Robinsons	ST. LOUIS: Various Varieties
May 31			\$5.00-6.00
June 1			6.00-7.75
2			6.00-7.40
3	\$7.50-8.00		6.00-8.00
6	4.50-6.00		5.00-7.00
7	4.50-6.50		4.50-7.00
8	4.50-8.00		4.00-7.50
9	4.50-8.00		4.80-8.00
10	Robinsons: 7.00-8.75	Premiers: 5.00-6.50	6.00-8.00
13	4.50-6.50	5.25-5.50	4.50-8.00
14	4.50-7.50		4.00-7.50
15	5.75-7.00	4.00-5.25	4.00-7.00
16	6.00-8.00	5.00-5.75	5.00-7.00
17	4.50-8.00		4.50-7.50
20	5.00-6.50		4.00-7.00
21	4.00-7.00		3.50-6.00
22	4.00-6.50		4.50-6.00
23	5.00-7.00		4.75-6.50
24	5.50-9.50		5.00-7.50
27	5.00-8.50	6.50-7.00	6.00-8.00
28	4.00-6.50		5.00-8.00
29	6.00-6.50	4.75-6.50	5.25-7.00
30	6.50-8.00		4.50-7.00
July 1	7.50		6.50

Released by Crop Reporting Board Washington D. C. Dec 19, 1955

STRAWBERRIES, Commercial Crop: Acreage, yield, production, average 1949-53, annual 1954 & 1955:

SEASONAL GROUP AND STATE	ACREAGE 2/		YIELD PER ACRE			PRODUCTION	
	5-year av. 3/ 1949-53	1954	1955	5-year av. 3/ 1949-53	1954	1955	1954 1955

	ACRES			CRATES 4/			1,000 CRATES 4/	
Winter:								
Florida	4640	2800	3600	65	60	85	304	168 306
Early Spring:								
Louisiana	10980	10800	8800	57	85	40	5/ 594	5/ 918 352
Alabama	1520	1000	900	65	75	40	97	75 36
Texas	650	750	700	62	65	55	40	49 38
Group Total	13150	12550	10400	58	83	41	731	1042 426
Mid-Spring:								
S. Carolina	550	400	300	54	50	30	30	20 9
N. Carolina	2380	1600	1500	78	85	25	182	136 38
Tennessee	10400	10000	11000	59	55	60	619	550 660
Arkansas	14380	6800	3800	51	40	40	754	272 152
Oklahoma	2240	1600	500	66	65	35	149	104 18
Kansas	820	550	300	57	25	50	46	14 15
Missouri	5040	1500	900	55	55	50	280	82 45
Illinois	2060	1400	1500	53	50	70	110	70 105
Kentucky	4660	2100	3500	56	30	75	268	63 262
Virginia	4280	2400	2500	59	90	80	250	216 200
Maryland	1980	1500	1600	78	85	95	157	128 152
Delaware	470	300	300	72	80	85	33	24 26
California	6960	10900	14000	339	380	315	2434	4142 4410
Group Total	56220	41050	41700	96	142	146	5312	5821 6092
Late Spring:								
New Jersey	2960	2600	2800	86	70	80	256	182 224
Pennsylvania	1760	1400	1400	66	60	75	116	84 105
Ohio	2040	1700	1700	76	55	90	155	94 153
Indiana	2400	2100	2000	76	50	100	180	105 200
New York	3900	3900	4100	98	90	100	382	351 410
Connecticut	610	500	550	101	100	95	62	50 52
Massachusetts	940	600	600	111	135	110	102	81 66
MICHIGAN	9160	10000	11000	101	70	90	927	700 990
Wisconsin	1640	1200	1100	87	60	85	5/ 144	72 94
Iowa	530	250	280	60	35	65	32	9 18
Utah	670	400	380	60	65	80	42	26 30
Washington	8980	8500	8500	101	150	135	920	1275 1148
Oregon	15620	17000	18200	87	100	135	5/ 1367	1700 2457
Maine	540	500	550	102	100	90	55	50 50
Group Total	51750	50650	53160	92	94	113	4740	4779 5997
ALL STATES	125760	107050	108860	89	110	118	11086	11810 12821

1/ Total for fresh market & processing. 2/ Acreage for harvest, including mature acreage abandoned or only partially harvested because of low prices or other economic factors. 3/ Group averages are sample averages of annual data for the group. 4/ Equivalent 24-qt crts (fresh mkt approx. 36# with stems; processing approx 34# without stems.) 5/ Includes some quantities not marketed & excluded in computing value: Early Spring, Louisiana, 118,000 crates in 1954.

Marketing Michigan Strawberries 1955 Season

STRAWBERRIES, Commercial crop for fresh market: Production of value, season average price received by growers and value, average, 1949-53, annual 1954 & 1955. 1/

SEASONAL GROUP AND STATE	PRODUCTION			PRICE PER CRATE			VALUE		
	5-year av. 2/ 1949-53	1954	1955	5-year av. 2/ 1949-53	1954	1955	5-year av. 2/ 1949-53	1954	1955
	- 1,000 crates -			- Dollars -			- 1,000 Dollars -		
<u>Winter:</u>									
Florida	259	142	208	10.64	12.60	11.30	2735	1789	2350
<u>Early Spring:</u>									
Louisiana	452	579	273	10.84	8.30	12.70	4879	4806	3467
Alabama	55	65	32	7.53	6.60	8.50	423	429	272
Texas	40	49	38	8.33	7.20	8.90	333	353	338
Group Total	548	693	343	10.30	8.06	11.89	5635	5588	4077
<u>Mid-Spring:</u>									
S. Carolina	30	20	9	8.32	7.20	10.00	253	144	90
N. Carolina	182	136	38	7.60	7.80	13.00	1362	1061	494
Tennessee	204	285	310	6.07	7.00	7.20	1226	1995	2232
Arkansas	472	222	123	6.48	8.30	7.60	2952	1843	935
Oklahoma	63	18	12	6.60	7.40	8.10	398	133	97
Kansas	46	14	15	6.81	9.60	9.10	309	134	136
Missouri	280	82	45	7.22	10.30	9.60	1960	845	432
Illinois	110	70	105	6.64	9.20	7.30	719	644	766
Kentucky	181	39	159	6.91	8.70	7.20	1244	339	1145
Virginia	152	127	168	6.90	7.80	7.70	1025	991	1294
Maryland	157	128	152	6.49	8.20	8.00	978	1050	1216
Delaware	33	24	26	6.35	8.20	7.70	206	197	200
California	1239	1557	1400	9.14	10.40	11.60	11332	16193	16240
Group Total	3149	2722	2562	7.64	9.39	9.87	23965	25569	25277
<u>Late Spring:</u>									
New Jersey	256	182	224	7.23	9.70	7.50	1811	1765	1680
Pennsylvania	116	84	105	7.75	9.50	8.70	898	798	914
Ohio	155	94	153	7.71	10.20	8.60	1190	959	1316
Indiana	180	105	200	7.18	9.50	7.10	1280	998	1420
New York	382	351	410	7.45	8.70	7.80	2817	3054	3198
Connecticut	62	50	52	9.24	11.60	11.00	566	580	572
Massachusetts	102	81	66	8.38	10.20	10.30	865	826	680
MICHIGAN	571	430	665	6.95	8.20	8.10	3950	3526	5386
Wisconsin	144	72	94	6.77	8.00	7.90	951	576	743
Iowa	32	9	18	8.63	10.50	9.20	273	94	166
Utah	38	23	28	9.03	8.50	9.60	335	196	269
Washington	192	146	131	7.51	6.90	7.30	1438	1007	956
Oregon	61	49	76	7.64	7.80	7.20	464	382	547
Maine	55	50	50	9.80	11.20	10.80	539	560	540
Group Total	2345	1726	2272	7.43	8.88	8.09	17369	15321	18387
ALL STATES	6301	5283	5385	7.91	9.14	9.30	49703	48267	50091

1/ Includes production for processing in those States for which separate estimates of fresh market & processing production are not prepared. 2/ Group averages (including All States) are simple averages of annual data for the group. 3/ 24-qt crate, approx. 36 lbs. (with stems).

STRAWBERRIES, Commercial crop for processing; Production of value, season average prices received by growers, and value average, 1949-53, annual 1954 & 1955: - 1,000 dollars -

<u>Winter:</u>									
Florida	44	26	98	4.64	5.30	5.50	231	138	539
<u>Early Spring:</u>									
Louisiana	125	221	79	6.26	5.30	6.60	841	1171	521
Alabama	41	10	4	5.00	4.75	6.80	209	48	27
Group Total	167	231	83	5.90	5.28	6.60	1050	1219	548
<u>Mid-Spring:</u>									
Tennessee	416	265	350	5.77	6.00	6.40	2399	1590	2240
Arkansas	282	50	29	5.62	6.00	7.10	1647	300	206
Oklahoma	86	86	6	6.07	5.60	7.80	535	482	47
Kentucky	87	24	103	6.13	6.80	6.60	532	163	680
Virginia	99	89	32	5.41	5.20	5.20	533	463	166
California	1195	2885	3010	6.09	5.40	5.80	7134	13959	17458
Group Total	2163	3099	3530	5.93	5.47	5.89	12780	16957	20797
<u>Late Spring:</u>									
MICHIGAN	356	270	325	5.63	7.00	6.50	2063	1890	2112
Utah	3/ 7	3	2	3/ 7.33	6.80	7.20	3/ 52	20	14
Washington	728	1129	1017	5.81	5.30	5.50	4143	5984	5594
Oregon	1300	1651	2381	5.74	5.00	5.30	7407	8255	12619
Group Total	2389	3053	3725	5.71	5.29	5.16	13645	16149	20339
ALL STATES	4763	6409	7436	5.78	5.38	5.68	27705	34463	42233

1/ Group averages (including All States) are simple averages of annual data for the group.

2/ 24-qt crate, approx. 34 lbs. (stemmed).

3/ Short-time average, 1951-53