

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

February 14, 1952

MILK PRODUCTION ON FARMS AND
STATISTICS OF DAIRY PLANT PRODUCTS, 1951

Contents

HD
7282
U5
U58

MILK PRODUCTION.

Publication of the estimates of cows milked and milk production by States for 1950 and 1951, scheduled for release in this report, has been postponed. This has been necessary to permit time for the analysis of data from the 1950 Census of Agriculture, which has recently become available, and other pertinent information. Revisions for 1951 and earlier years will appear in the "Farm Production, Disposition and Income from Milk, 1951" report scheduled for release on April 15, 1952.

	<u>Page</u>
MANUFACTURED DAIRY PRODUCTS--production, stocks, prices	
Discussion	2, 3, 34
Butter	4, 5
Cheese	4, 6-12, 14
Ice cream and sherbet.	4, 5, 11, 12
Evaporated and condensed milk.	15-20
Dry milk products.	6, 23-26
Manufacturing milk prices.	13-15, 19

FLUID MILK MARKET STATISTICS

Discussion	27, 29
Fluid milk prices.	28, 30, 31
Sales of fluid milk and cream.	32, 33

The following Agricultural Statisticians are responsible for the preparation of this report: W. D. Bormuth, P. E. O'Donnell, I. E. Wissinger, and Mardy Myers. The work was under the direction of B. H. Bennett, Head, Division of Dairy Statistics.

PRODUCTION, STOCKS, AND PRICES OF DAIRY PLANT PRODUCTS, 1951

The 1951 United States production of both Swiss cheese and plain condensed whole milk (bulk goods) were the highest of record, but the output of Blue Mold cheese, roller-dried nonfat milk solids, and dry skim milk for animal feed was the lowest of record for each of these products, according to estimates of the Bureau of Agricultural Economics. During 1951, less butter, American cheese, brick and Munster cheese, Blue Mold cheese, miscellaneous varieties of cheese, canned condensed whole milk, plain condensed skim milk (bulk goods), sweetened condensed whole milk (bulk goods), total nonfat dry milk solids, and dry buttermilk were produced than in the preceding year. Products showing gains from 1950 to 1951 were Swiss cheese, Limburger cheese, cream cheese, Neufchatel cheese, ice cream, sherbet, evaporated whole milk, plain condensed whole milk (bulk goods), sweetened condensed skim milk (bulk goods), and dry whole milk.

Creamery butter production during 1951 totaled 1,214,685,000 pounds, the lowest since 1948 -- down 12 percent from 1950 and 6 percent from the 1945-49 average. The decline from a year earlier was quite general, with all of the principal geographic regions showing lower production than a year earlier. A few isolated States showed somewhat higher production, such as South Dakota, Colorado, and Utah. Leading States in the production of butter were unchanged in rank from the preceding year, Minnesota first, followed by Iowa and Wisconsin. These three States made nearly 47 percent of the United States total production in 1951. Production of creamery butter during 1951 was lower in all months than a year earlier. The declines ranged from a low of 2 percent in October to a high of 23 percent in March.

Total cheese production in 1951 was estimated at 1,157,560,000 pounds, the fourth highest of record, down 3 percent from 1950, but up 1 percent from the 1945-49 average. By months, total cheese output was lower than a year earlier for the first 6 months of the year, also in November and December, almost unchanged in July, but higher in August, September, and October.

Production of American cheese in 1951 totaled 862,340,000 pounds, the lowest since 1948, 3 percent lower than a year earlier and 2 percent lower than the 1945-49 average. Wisconsin, which makes about half of the entire domestic output, with a gain of between 2 and 3 percent was the only State having a higher production in 1951 than in 1950. The combined production of all of the remaining States declined 9 percent. Production for the entire country was lower in all months, except August, September and October.

Swiss cheese production during 1951, at 100,020,000 pounds, reached a new record high. Output was 1 percent higher than in 1950 and 52 percent above the 1945-49 average. The combined production of brick and Munster cheese for 1951 totaled 27,430,000 pounds, the lowest since 1948, 9 percent smaller than a year earlier but 18 percent larger than the 5-year average. Limburger cheese totaled 6,460,000 pounds, up 8 percent from a year earlier but down 20 percent from the 5-year average. Cream cheese production was estimated at 66,380,000 pounds, the second largest of record, having been exceeded only in 1946. Compared with 1950, the 1951 production was up 1 percent, and compared with the 1945-49 average output was up 11 percent. Neufchatel cheese production gained 10 percent from 1950 to 1951; but at 3,930,000 pounds was 28 percent less than the 5-year average. Output of Italian cheese totaled 61,950,000 pounds, highest of record, except for 1946, only fractionally more than in 1950 but 12 percent more than the 5-year average. With an output of 5,170,000 pounds, Blue Mold cheese production was the smallest in 9 years of record, 32 percent smaller than 1950 and 49 percent smaller than the 1945-49 average. Production of unclassified varieties of cheese totaled 23,880,000 pounds, down 5 percent from 1950 and 28 percent from the 5-year average.

Following 4 consecutive years of decline, annual ice cream production in the United States showed a gain in 1951 over a year earlier. The 1951 output was estimated at 570,880,000 gallons, a gain of 3 percent from 1950 but a decline of 3 percent from the 1945-49 average. All geographic divisions, with the exception of the West North Central States, joined in reporting gains from a year earlier. Pennsylvania continues to rank first in output among the States, followed by New York, California, Ohio, Illinois, Michigan, and Texas. Production by months was higher than a year earlier in all months, except February, June, and November. According to revised data, average butterfat in ice cream in the United States, in 1951 was 11.64 percent compared with 11.69 percent in 1950 and 11.62 percent in both 1948 and 1949. Production of sherbet during 1951, at 20,640,000 gallons, was the largest production since 1945, 21 percent above a year earlier, but 9 percent below the 5-year average, which included the record high production in 1945 of over 65 million gallons. By months, sherbet production was higher in all months, except November, when there was a drop of 2 percent.

Evaporated whole milk production during 1951 totaled 2,898,700,000 pounds, highest since 1948, up 1 percent from a year earlier, but down 10 percent from the 5-year average. During the first 7 months of the year production was higher than a year earlier, but in the last 5 months it was lower. Output of sweetened condensed whole milk during 1951, at 59,200,000 pounds, was the smallest production since 1939, down 4 percent from a year earlier and 54 percent from the 5-year average. Production of plain condensed whole milk (bulk goods) totaled 227,950,000 pounds, highest in one-third of a century of records, up 3 percent from a year earlier and 42 percent from the 5-year average. Production of plain condensed skim milk (bulk goods), at 494,700,000 pounds was the lowest since 1947, down 5 percent from a year earlier, but up 4 percent from the 1945-49

average. Sweetened condensed whole milk (bulk goods) production in 1951 at 36,475,000 pounds was the lowest in a quarter of a century. It declined 7 percent from a year earlier and 43 percent from the 5-year average. Sweetened condensed skim milk (bulk goods) totaled 214,700,000 pounds, second lowest production since 1941, 2 percent above the low point in 1950, but 54 percent under the 1945-49 average.

Manufacturers' stocks of evaporated whole milk in 1951 were lower than a year earlier during January and February, but were sharply higher during the remaining 10 months.

Manufacturers' average selling prices of evaporated whole milk for 1951 were the second highest in nearly a third of a century. The annual average price was \$6.12 per case of 48 14 $\frac{1}{2}$ -oz. cans, a gain of 89 cents from a year earlier. However, the average was still 12 cents under the record high of 1948. The average price of \$10.77 per case of 48 14-oz. cans for sweetened condensed whole milk was the highest annual average of record. This average was \$1.52 above a year earlier. Prices of plain condensed whole milk (bulk goods) during 1951 averaged \$13.44 per hundredweight, a gain of \$1.09 from a year earlier and the highest average annual price of record, except for 1948, when prices averaged \$15.16 per hundredweight. Selling prices of plain condensed skim milk averaged \$4.66 per hundredweight, a gain of 85 cents from a year earlier, but still 23 cents under the 1948 average which was the highest in recent years. Prices of sweetened condensed whole milk averaged \$16.20 per hundredweight for 1951, a gain of \$1.99 from a year earlier, and the highest average annual price since 1948. Selling prices of plain condensed skim milk averaged \$9.80 per hundredweight, a gain of \$1.52 from a year earlier and the highest average annual price since 1947.

The 1951 production of total nonfat dry milk solids was estimated at 711,305,000 pounds, lowest since 1948, down 19 percent from the previous year and 1 percent from the 5-year average. Output was lower than in the previous year in all months except August and September. Spray-dried nonfat dry milk solids production, at 550,830,000 pounds, was 12 percent smaller than a year earlier, but 28 percent larger than the 1945-49 average. Production of roller-dried nonfat milk solids, at 160,475,000 pounds, was the smallest production in 9 years of record, down 38 percent from the preceding year and 44 percent from the 5-year average. Production of dry skim milk for animal feed in 1951 totaled only 12,735,000 pounds, the smallest production of record. It was 28 percent smaller than 1950 and 27 percent smaller than the 5-year average. Dry buttermilk production, at 45,020,000 pounds, was the lowest since 1948, down 7 percent from 1950, but practically unchanged from the 1945-49 average. Output of dry whole milk, estimated at 130,770,000 pounds for 1951, was the highest since 1948, up 5 percent from 1950 but down 25 percent from the 5-year average.

Manufacturers' stocks of total nonfat dry milk solids were lower than a year earlier during the first 5 months of 1951. In the last 7 months of the year, however, they were sharply higher and were at or near record levels for these respective dates. Stocks of dry whole milk throughout 1951 were higher than a year earlier, and at the end of the year were very near record levels for the date. Dry buttermilk stocks for the entire year of 1951 were likewise larger than on the corresponding dates of 1950.

Manufacturers' selling prices of total nonfat dry milk solids averaged 14.40 cents per pound for 1951, the highest annual average since 1948. The increase over 1950 averaged 2 $\frac{1}{2}$ cents per pound. The average price of spray-dried nonfat milk solids was 14.70 cents per pound, a gain of 2.30 cents per pound from a year earlier. Prices of roller-dried nonfat milk solids averaged 13.27 cents, a gain of 2.66 cents from a year earlier. Manufacturers' selling prices of dry whole milk in 1-2 $\frac{1}{2}$ pound packages averaged 50.45 cents per pound for 1951 compared with 43.99 cents in 1950. In 5-lb. packages, dry whole milk averaged 44.69 cents per pound, a gain of 4.92 cents from 1950. In miscellaneous large packages, mostly barrels and drums, prices of dry whole milk averaged 37.53 cents per pound for 1951 compared with 33.98 cents for 1950. In all packages, dry whole milk averaged 44.15 cents per pound compared with 37.51 cents for 1950.

The average price paid for manufacturing milk during 1951 was \$3.91 per hundredweight for milk testing 3.97 percent butterfat. This is the highest average annual price for manufacturing milk since 1948. The 1951 price was 70 cents per hundredweight higher than in 1950 but still 33 cents under the 1948 average. By months, the prices during 1951 were sharply higher than those of a year earlier. The manufacturing milk price series is developed by weighting the prices paid for milk used in the production of butter and by-products, American cheese, and evaporated milk. The individual commodity price series used appears in Table 20.

The average prices paid for milk used in butter and by-products during 1951 were higher than a year earlier in every month. The gains ranged from 51 cents per hundredweight in September to 70 cents in May and June. Converted to a butterfat basis only, excluding any allowance for the value of nonfat milk solids, the average price per pound of butterfat during 1951 in milk used for butter and by-products ranged from 95 cents in July, August, and September to \$1.05 in December.

(Continued on page 34)

Table 1.—Production of creamery butter, American cheese and ice cream, 1950-1951

States	Creamery butter		American cheese		Ice cream	
	1950	1951	1950	1951	1950	1951
	Enumeration	Estimate	Enumeration	Estimate	Enumeration	Estimate
		Thousand pounds			Thousand gallons	
Vermont	2,145	1,795	1/	1/	1/	1/
Massachusetts	1/	1/	1/	1/	19,830	20,010
New York	27,078	16,840	37,021	37,005	58,249	59,040
New Jersey	1/	1/	1/	1/	11,690	11,860
Pennsylvania	12,593	9,865	1/	1/	66,405	70,835
Other N. A. States	567	530	3,917	3,720	16,188	15,280
N. ATLANTIC STATES	42,383	29,030	40,938	40,725	172,362	177,025
Ohio	60,993	44,460	24,835	23,060	33,816	34,545
Indiana	39,866	30,475	34,398	30,525	17,100	18,345
Illinois	63,109	55,435	45,360	37,930	32,052	30,705
Michigan	58,914	48,655	26,542	24,215	25,936	25,945
Wisconsin	161,644	147,095	418,289	428,595	16,145	16,125
E. N. CENTRAL STATES	384,526	326,120	549,424	544,325	125,049	125,665
Minnesota	251,389	234,760	45,597	43,100	13,158	12,920
Iowa	199,737	186,630	10,477	9,805	11,046	10,205
Missouri	66,329	49,925	63,736	58,285	16,245	15,825
North Dakota	44,534	44,900	2/	2/	4,444	4,375
South Dakota	32,429	34,075	2/	2/	6,055	6,315
Nebraska	76,557	76,250	2/	2/	6,281	6,230
Kansas	50,614	13,340	9,796	8,600	2,390	2,390
Other W. N. Central States	2,589	880	2,705	2,390	57,229	55,870
W. N. CENTRAL STATES	721,589	669,880	132,311	122,180	57,229	55,870
District of Columbia	3/	3/	3/	3/	6,152	6,700
Delaware	3/	3/	3/	3/	3/	3/
Maryland	3,425	3,145	3/	3/	8,490	8,745
Virginia	7,778	6,120	3/	3/	9,535	10,125
West Virginia	1,768	985	3/	3/	5,278	4,795
North Carolina	2,482	1,485	3/	3/	14,127	14,110
South Carolina	3/	3/	3/	3/	3/	3/
Georgia	3/	3/	3/	3/	7,112	7,680
Florida	3/	3/	3/	3/	9,510	9,600
Other S.A. States	657	745	2,290	2,475	4,825	4,810
S. ATLANTIC STATES	16,110	12,480	2,290	2,475	64,829	66,565
Kentucky	21,940	18,350	24,910	24,195	4/	4/
Tennessee	12,549	10,320	38,826	36,470	12,069	12,935
Alabama	4/	4/	2,975	2,280	6,549	6,805
Mississippi	4,119	2,480	11,799	10,605	4/	4/
Arkansas	6,227	5,160	12,704	11,325	4/	4/
Louisiana	4/	4/	194	175	6,917	7,950
Oklahoma	32,856	28,450	8,659	6,275	6,119	6,840
Texas	12,559	6,700	5,079	4,125	23,487	25,695
Other S. C. States	681	500	10,728	10,728	10,728	10,710
S. CENTRAL STATES	90,931	71,960	105,146	95,450	65,869	70,935
Montana	8,073	7,115	2,948	2,775	5/	5/
Idaho	23,849	20,735	18,342	17,755	5/	5/
Wyoming	2,394	2,355	5/	5/	5/	5/
Colorado	16,283	16,390	5/	5/	5,471	5,950
New Mexico	5/	5/	5/	5/	5/	5/
Arizona	5/	5/	5/	5/	5/	5/
Utah	5,834	5,845	6,901	6,460	5/	5/
Nevada	5/	5/	5/	5/	5/	5/
Other Mt. States	3,054	1,915	2,320	1,765	11,907	12,605
MOUNTAIN STATES	59,487	54,355	30,511	28,755	17,378	18,555
Washington	19,141	15,145	3,817	2,885	7,902	8,555
Oregon	17,500	13,995	24,317	22,075	6,577	6,970
California	3,623	21,720	4,175	3,470	38,789	40,740
PACIFIC STATES	71,264	50,860	32,309	28,430	53,268	56,265
UNITED STATES	1,336,290	1,214,685	892,929	862,340	555,984	570,880

- 1/ Other North Atlantic States under creamery butter include Maine, Massachusetts, Connecticut and New Jersey; under American cheese include Vermont, New Jersey, and Pennsylvania; under ice cream include Maine, New Hampshire, Vermont, Rhode Island, and Connecticut.
- 2/ Included under Other West North Central States.
- 3/ Included under Other South Atlantic States.
- 4/ Included under Other South Central States.
- 5/ Included under Other Mountain States.

Table 2.-Production of creamery butter (including whey butter),
United States, 1945-49 average, 1949, 1950 and 1951

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 Av.:	1950
	Thousand pounds				Percent	
January	87,631	92,488	101,341	86,010	- 2	-15
February	84,737	93,570	97,976	80,325	- 5	-18
March	99,979	111,634	121,842	93,400	- 7	-23
April	111,645	124,619	128,642	103,585	- 7	-19
May	143,894	161,900	157,175	133,425	- 7	-15
June	147,727	155,638	165,081	142,305	- 4	-14
July	138,873	135,258	146,041	133,775	- 4	- 8
August	122,677	129,656	124,786	120,185	- 2	- 4
September	103,560	114,828	100,714	95,900	- 7	- 5
October	95,132	103,557	89,251	87,815	- 8	- 2
November	78,755	92,297	75,555	67,515	-14	-11
December	82,707	96,666	77,886	69,945	-15	-10
Total	1,297,317	1,412,111	1,386,290	1,214,685	- 6	-12

1/ Enumerations.

2/ Revised estimates.

Table 3.-Production of ice cream, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 Av.:	1950
	Thousand gallons				Percent	
January	31,540	29,435	31,842	34,280	+ 9	+ 8
February	32,155	31,901	33,334	32,755	+ 2	- 2
March	41,888	41,403	39,348	42,575	+ 2	+ 8
April	49,014	45,727	42,724	44,325	-10	+ 4
May	56,866	56,981	56,763	58,655	+ 3	+ 3
June	66,488	66,897	64,576	61,685	- 7	- 4
July	73,106	69,333	64,979	68,380	- 6	+ 5
August	68,099	67,161	64,802	67,500	- 1	+ 4
September	56,640	47,041	48,799	49,775	-12	+ 2
October	45,560	38,917	42,902	44,855	- 2	+ 5
November	37,126	33,774	35,821	34,065	- 8	- 5
December	32,499	29,359	30,094	32,030	- 1	+ 6
Total	590,981	557,929	555,984	570,880	- 3	+ 3

1/ Enumerations.

2/ Revised estimates.

TABLE 4- Production of Dry Casein, United States,
1945-49 average, 1949, 1950, and 1951

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	Thousand pounds				Percent	
January	1,152	922	1,245	1,225	+ 6	- 2
February	1,233	1,442	1,095	1,375	+12	+26
March	1,590	1,819	1,730	2,165	+36	+25
April	2,037	2,390	2,180	2,475	+22	+14
May	2,851	3,153	2,284	3,385	+19	+18
June	3,117	2,538	2,369	3,320	+ 7	+40
July	2,167	1,416	1,365	2,125	- 2	+56
August	1,634	1,147	1,316	1,675	+ 3	+27
September	1,272	846	1,494	1,325	+ 4	-11
October	1,018	805	1,321	1,225	+20	- 7
November	757	800	1,004	745	- 2	-26
December	1,013	1,070	1,128	695	-32	-39
Total	19,841	18,348	18,531	21,725	+ 9	+17

1/ Enumerations. 2/ Revised estimates.

TABLE 5.- Manufacturers' Stocks of Dry Casein, at End of Month
United States, 1942-51

Year:	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Thousand pounds											
1942	7,060	8,375	9,701	10,167	10,750	14,741	15,700	15,445	14,250	13,300	10,800	9,069
1943	8,430	6,700	6,500	3,040	4,075	5,340	5,000	3,255	2,707	6,385	6,300	4,500
1944	4,600	5,100	5,300	4,800	5,800	6,010	6,750	5,800	5,300	5,050	4,032	3,350
1945	3,200	2,850	2,250	2,550	4,060	6,431	6,510	5,890	7,000	8,050	6,050	4,650
1946	3,590	2,600	2,150	3,850	4,200	4,520	3,500	4,120	4,790	3,100	2,100	2,250
1947	2,290	2,940	2,650	2,500	3,800	2,950	1,900	2,475	2,550	2,450	1,775	1,275
1948	1,475	1,550	1,645	2,325	2,850	3,450	3,700	3,590	3,700	2,620	1,900	1,610
1949	2,085	2,300	2,350	2,790	3,500	3,100	3,150	2,000	1,690	1,390	1,100	1,350
1950	1,325	1,525	1,760	2,350	2,925	3,820	3,410	3,100	2,650	2,375	2,050	1,625
1951	1,575	1,760	2,225	3,300	3,945	5,700	6,400	6,050	6,100	5,500	4,550	4,025

TABLE 6- Production of total cheese, United States,
1945-49 average, 1949, 1950, and 1951*

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	Thousand pounds				Percent	
January	69,148	76,993	77,848	72,280	+ 5	- 7
February	70,348	76,891	77,620	71,675	+ 2	- 8
March	88,175	95,086	99,132	91,295	+ 4	- 8
April	104,082	110,961	111,791	102,405	- 2	- 8
May	135,165	145,294	136,192	133,755	- 1	- 2
June	138,050	140,185	144,478	143,350	+ 4	- 1
July	122,148	119,238	127,679	127,175	+ 4	0
August	107,139	109,579	110,424	111,005	+ 4	+ 1
September	91,142	96,091	90,221	91,945	+ 1	+ 2
October	81,914	82,917	80,836	82,445	+ 1	+ 2
November	66,597	72,241	67,927	64,750	- 3	- 5
December	66,867	73,976	68,409	65,480	- 2	- 4
TOTAL	1,140,775	1,199,442	1,192,557	1,157,560	+ 1	- 3

* Excludes cottage and skim.

1/ Enumerations.

2/ Revised estimates.

Table 7. Production of American cheese, United States,
1945-49 average, 1949, 1950 and 1951*

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	Thousand pounds				Percent	
January	50,394	57,491	54,497	49,930	- 1	- 8
February	52,071	57,954	54,551	50,045	- 4	- 8
March	65,021	71,160	71,031	65,495	+ 1	- 8
April	79,387	86,157	84,418	76,295	- 4	-10
May	107,973	118,657	107,967	103,625	- 4	- 4
June	111,260	116,168	116,921	113,520	+ 2	- 3
July	98,663	97,889	102,584	101,505	+ 3	- 1
August	86,402	88,296	86,154	86,855	+ 1	+ 1
September	71,435	74,997	67,425	69,965	- 2	+ 4
October	61,563	62,838	56,997	59,005	- 4	+ 4
November	47,948	51,763	45,277	42,970	-10	- 5
December	47,627	51,856	45,107	43,130	- 9	- 4
Total	879,744	935,206	892,929	862,340	- 2	- 3

* Whole milk cheese including Cheddar, Colby, Washed Curd, Jack, Monterey, and Granular cheese.

1/ Enumerations.

2/ Revised estimates.

Table 8. Production of Swiss cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	Thousand pounds				Percent	
January	3,097	3,967	5,697	6,060	+96	+ 6
February	3,209	4,085	5,928	5,970	+86	+ 1
March	4,780	5,941	8,101	7,550	+58	- 7
April	5,884	7,121	9,186	9,100	+55	- 1
May	8,104	9,825	11,083	11,400	+41	+ 3
June	8,265	9,517	11,619	12,040	+46	+ 4
July	7,352	8,676	10,809	10,870	+48	+ 1
August	6,472	8,017	9,717	9,810	+52	+ 1
September	5,784	7,092	8,150	7,910	+37	- 3
October	5,168	6,192	7,655	7,650	+48	0
November	3,987	5,401	5,992	5,920	+48	- 1
December	3,714	5,209	5,546	5,740	+55	+ 3
Total	65,816	81,043	99,483	100,020	+52	+ 1

1/ Enumerations.

2/ Revised estimates.

Table 9.--Production of Brick and Munster cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average	1949 1/	1950 1/	1951 2/	Change in 1951 from	
	1945-49 1/				1945-49 av. :	1950
Thousand pounds					Percent	
January	2,117	2,638	2,799	2,700	+28	- 4
February	1,941	2,429	2,714	2,470	+27	- 9
March	2,149	2,955	2,854	2,690	+25	- 6
April	2,000	2,882	2,621	2,570	+28	- 2
May	2,119	3,015	2,749	2,840	+34	+ 3
June	2,018	2,619	2,775	2,780	+38	0
July	1,650	2,157	2,211	2,040	+24	- 8
August	1,476	1,978	2,129	1,720	+17	-19
September	1,496	1,976	1,907	1,560	+ 4	-18
October	1,825	2,218	2,242	1,780	- 2	-21
November	2,039	2,612	2,378	1,850	- 9	-22
December	2,340	2,897	2,769	2,430	+ 4	-12
Total	23,170	30,376	30,148	27,430	+18	- 9

1/ Enumerations.

2/ Revised estimates.

Table 10.--Production of Limburger cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average	1949 1/	1950 1/	1951 2/	Change in 1951 from	
	1945-49 1/				1945-49 av. :	1950
Thousand pounds					Percent	
January	579	580	610	470	-19	-23
February	579	626	599	490	-14	-18
March	752	745	622	600	-20	- 4
April	726	612	508	490	-33	- 4
May	840	596	504	570	-32	+13
June	789	490	537	580	-26	+ 8
July	655	450	505	610	- 7	+21
August	628	497	428	690	+10	+61
September	647	629	409	670	+ 4	+64
October	723	613	525	520	-28	- 1
November	615	690	397	410	-33	+ 3
December	599	652	359	360	-40	0
Total	8,123	7,180	6,003	6,460	-20	+ 8

1/ Enumerations.

2/ Revised estimates.

Table 11.—Production of Cream cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average	1949 ^{1/}	1950 ^{1/}	1951 ^{2/}	Change in 1951 from	
	1945-49 ^{1/}				1945-49 av. :	1950
Thousand pounds					Percent	
January	5,118	4,936	5,899	5,660	+11	- 4
February	4,786	4,578	5,277	5,310	+11	+ 1
March	5,225	5,183	6,199	5,900	+13	- 5
April	5,186	4,508	5,236	5,170	0	- 1
May	5,464	4,555	5,114	6,000	+10	+17
June	5,401	4,200	5,191	5,870	+ 9	+13
July	4,789	3,753	5,099	4,610	- 4	-10
August	4,638	4,201	4,947	4,810	+ 4	- 3
September	4,582	4,263	5,069	4,910	+ 7	- 3
October	5,175	4,285	5,649	6,160	+19	+ 9
November	4,871	4,792	5,994	5,940	+22	- 1
December	4,823	5,165	6,207	6,040	+25	- 3
Total	60,058	54,419	65,881	66,380	+11	+ 1

^{1/} Enumerations.

^{2/} Revised estimates.

Table 12.—Production of Neufchatel cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average	1949 ^{1/}	1950 ^{1/}	1951 ^{2/}	Change in 1951 from	
	1945-49 ^{1/}				1945-49 av. :	1950
Thousand pounds					Percent	
January	577	351	325	330	-43	+ 2
February	480	297	294	360	-25	+22
March	575	452	325	450	-32	+38
April	513	360	303	420	-18	+39
May	477	325	313	470	- 1	+50
June	446	339	308	330	-26	+ 7
July	383	274	354	220	-43	-13
August	372	325	284	290	-22	+ 2
September	383	349	387	290	-24	+ 1
October	455	314	298	300	-34	+ 1
November	410	324	305	250	-39	-18
December	376	336	282	220	-41	-22
Total	5,447	4,046	3,578	3,930	-28	+10

^{1/} Enumerations.

^{2/} Revised estimates.

Table 13.—Production of Italian cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	Change in 1951 from 1945-49 av. : 1950	
					Thousand pounds	Percent
January	3,961	3,994	5,343	4,650	+17	-13
February	3,963	4,318	5,615	4,510	+14	-20
March	5,576	5,698	6,983	6,020	+ 8	-14
April	5,657	6,137	6,441	5,880	+ 4	- 9
May	5,579	5,137	5,581	6,210	+11	+11
June	5,684	4,182	4,576	5,700	0	+25
July	5,137	3,828	3,984	5,110	- 1	+28
August	4,106	3,965	4,434	4,600	+12	+ 4
September	3,775	4,163	4,450	4,780	+27	+ 7
October	3,839	3,850	4,570	4,790	+25	+ 5
November	3,716	4,205	4,579	4,850	+31	+ 6
December	4,319	5,386	5,289	4,850	+12	- 8
Total	55,312	54,863	61,845	61,950	+12	 0

1/ Enumerations.

2/ Revised estimates.

Table 14.—Production of Blue Mold cheese, United States,
1945-49 average, 1949, 1950 and 1951

Month	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	Change in 1951 from 1945-49 av. : 1950	
					Thousand pounds	Percent
January	801	800	774	560	-30	-28
February	807	763	683	540	-33	-21
March	906	698	833	510	-44	-39
April	1,024	865	872	490	-52	-44
May	1,146	985	875	480	-58	-45
June	1,056	816	723	430	-59	-41
July	853	572	474	360	-58	-24
August	712	431	432	330	-54	-24
September	637	455	448	310	-51	-31
October	691	549	433	340	-51	-21
November	664	528	515	410	-38	-20
December	761	679	595	410	-46	-31
Total	10,058	8,141	7,657	5,170	-49	-32

1/ Enumerations.

2/ Revised estimates.

Table 15. Production of all other varieties of cheese, United States, 1945-49 average, 1949, 1950 and 1951*

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	Thousand pounds				Percent	
January	2,504	2,206	1,904	1,920	-23	+ 1
February	2,521	1,841	1,959	1,980	-21	+ 1
March	3,191	2,254	2,184	2,080	-35	- 5
April	3,705	2,319	2,206	1,990	-46	-10
May	3,463	2,199	2,006	2,160	-38	+ 8
June	3,131	1,854	1,828	2,100	-33	+15
July	2,666	1,649	1,759	1,850	-31	+ 5
August	2,333	1,869	1,899	1,900	-19	0
September	2,403	2,167	2,076	1,550	-35	-25
October	2,475	2,058	2,467	1,900	-23	-23
November	2,347	1,926	2,490	2,150	- 8	-14
December	2,308	1,796	2,255	2,300	0	+ 2
Total	33,047	24,138	25,033	23,880	-28	- 5

* Includes Part Skim.

1/ Enumerations.

2/ Revised estimates.

Table 16. Production of sherbet, United States, 1945-49 average, 1949, 1950 and 1951

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	Thousand gallons				Percent	
January	899	479	607	880	- 3	+45
February	1,090	549	672	790	-28	+18
March	1,961	813	920	1,300	-34	+41
April	2,372	1,060	1,175	1,450	-39	+23
May	2,588	1,490	1,890	2,260	-13	+20
June	3,123	1,841	2,470	2,580	-17	+ 4
July	3,620	2,067	2,419	2,930	-19	+21
August	3,519	1,880	2,321	2,910	-17	+25
September	1,489	1,240	1,546	1,980	+33	+28
October	902	896	1,294	1,680	+86	+30
November	646	733	1,030	1,010	+56	- 2
December	485	568	726	870	+79	+20
Total	22,694	13,616	17,070	20,640	- 9	+21

1/ Enumerations.

2/ Revised estimates.

Table 17.-Average butterfat content in ice cream,
United States, monthly, 1943-1951 1/

Year	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unweighted Average
	P e r c e n t												
1943*	---	---	---	---	10.8	---	---	10.6	---	---	10.6	---	---
1944*	---	---	---	---	10.6	---	---	10.6	---	---	---	---	---
1945*	---	---	---	---	---	10.6	10.3	---	---	---	---	---	---
1946	11.8	11.9	11.8	11.7	11.6	11.6	11.6	11.7	11.8	11.6	11.7	11.8	11.72
1947	11.8	11.8	11.9	12.0	12.0	12.0	11.9	11.9	11.9	11.9	12.0	12.0	11.92
1948	11.9	11.9	11.8	11.7	11.6	11.5	11.4	11.4	11.4	11.5	11.7	11.7	11.62
1949	11.8	11.6	11.6	11.6	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.52
1950	11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.8	11.9	11.59
1951	11.8	11.7	11.7	11.7	11.6	11.5	11.5	11.5	11.5	11.7	11.7	11.8	11.54

* Data for 1943, 1944, and 1945 obtained through special surveys.
1/ Revised.

Table 18.-Weekly receipts of American cheese (Thousand pounds) 1/

Week ending 2/	At Wisconsin Warehouses		At United States Warehouses		Week ending 2/	At Wisconsin Warehouses		At United States Warehouses	
	1950	1951	1950	1951		1950	1951	1950	1951
Jan. 6	4,462	4,400	6,320	6,435	July 7	10,068	10,245	14,475	14,530
13	4,535	4,825	6,866	8,007	14	9,758	9,795	14,121	14,091
20	4,727	5,287	6,564	8,011	21	9,109	9,502	13,765	13,652
27	4,708	5,499	6,847	7,788	28	8,770	8,970	13,839	13,209
Feb. 3	4,651	4,837	6,889	6,982	Aug. 4	8,098	8,403	12,874	12,558
10	5,053	5,291	7,746	7,522	11	7,954	8,657	12,914	12,507
17	4,801	5,398	7,303	7,248	18	7,688	8,298	11,862	12,040
24	5,073	5,404	8,092	7,601	25	7,178	8,263	11,521	11,949
Mar. 3	5,496	5,593	7,986	8,065	Sept. 1	6,897	8,340	11,483	12,170
10	5,494	5,790	7,967	8,034	8	6,640	7,648	10,628	10,786
17	5,657	6,114	8,310	8,475	15	6,381	7,343	10,744	10,657
24	5,935	6,387	8,900	8,629	22	6,283	6,975	10,154	10,593
31	6,155	6,492	9,139	8,809	29	5,734	6,770	9,196	9,925
Apr. 7	6,408	6,806	9,548	9,354	Oct. 6	5,590	6,646	9,197	9,414
14	6,842	7,180	10,286	9,858	13	5,536	6,004	8,968	8,606
21	7,077	7,254	10,858	9,697	20	5,413	6,076	9,092	8,459
28	7,371	7,380	11,257	10,237	27	5,330	5,896	8,743	8,318
May 5	7,499	7,329	11,940	10,734	Nov. 3	4,968	5,202	7,735	7,614
12	7,586	7,635	12,048	11,350	10	4,838	4,737	7,743	6,742
19	7,824	8,145	12,750	12,418	17	4,547	4,400	7,765	6,420
26	7,982	8,849	12,553	13,598	24	4,183	3,963	6,190	5,594
June 2	8,571	9,390	13,181	13,799	Dec. 1	4,493	4,453	7,202	6,302
9	9,367	10,004	14,065	14,521	8	4,455	4,735	6,713	6,706
16	9,706	10,662	14,445	15,458	15	4,331	4,882	6,574	6,807
23	10,129	11,034	14,872	15,825	22	4,477	4,880	6,557	6,553
30	9,997	11,034	15,373	15,803	29	4,573	4,968	6,402	6,292
					Total	336,478	360,070	518,603	515,578

1/ These data do not include receipts at all warehouses. Proportion of the total production represented by receipts in Wisconsin is much higher than in the remainder of the country.
2/ Dates shown are for 1951. The comparable weeks of 1950 ended one day later, (starting with the week ending January 7.)

Table 19.—Manufacturing milk prices and butterfat tests by months, United States, June 1946 = December 1951 1/

Months	1946		1947		1948		1949		1950		1951	
	Av. Pr. per 100 lbs.	Fat Test	Av. Pr. per 100 lbs.	Fat Test	Av. Pr. per 100 lbs.	Fat Test	Av. Pr. per 100 lbs.	Fat Test	Av. Pr. per 100 lbs.	Fat Test	Av. Pr. per 100 lbs.	Fat Test
	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.	Dols.	Pct.
Jan.	-	-	4.05	3.97	4.59	4.00	3.43	3.99	3.21	4.01	3.95	3.99
Feb.	-	-	3.75	3.88	4.39	3.91	3.19	3.89	3.17	3.90	3.93	3.91
Mar.	-	-	3.67	3.81	4.11	3.81	3.02	3.81	3.06	3.85	3.84	3.85
Apr.	-	-	3.37	3.76	4.12	3.75	2.90	3.77	2.99	3.81	3.71	3.79
May	-	-	3.10	3.72	4.24	3.79	2.90	3.78	2.96	3.81	3.72	3.79
June	-	-	3.14	3.79	4.30	3.77	2.98	3.78	2.94	3.79	3.70	3.78
July	3.77	3.83	3.31	3.83	4.50	3.83	2.92	3.83	2.98	3.85	3.63	3.85
Aug.	4.03	3.91	3.58	3.89	4.51	3.93	3.08	3.92	3.11	3.94	3.77	3.73
Sept.	4.53	4.05	3.98	4.04	4.41	4.07	3.25	4.11	3.31	4.09	3.90	4.08
Oct.	4.21	4.21	4.15	4.18	4.08	4.27	3.38	4.23	3.47	4.20	4.11	4.25
Nov.	5.00	4.26	4.44	4.26	3.85	4.24	3.41	4.24	3.57	4.21	4.28	4.29
Dec.	4.64	4.13	4.62	4.14	3.78	4.11	3.34	4.14	3.77	4.14	2/4.32	2/4.16
Av.	-	-	3.76	3.84	4.24	3.96	3.14	3.96	3.21	3.97	2/3.91	2/3.97

1/ Represents a weighted average of the prices of milk for butter-powder, American cheese, and evaporated milk. Individual series are shown in Table 20.
 2/ Preliminary.

Table 20.—Average prices reported paid by manufacturing plants for milk used in various manufactured dairy products, 1949, 1950, and 1951

Month	BUTTER AND BY-PRODUCTS 3/					EVAPORATED MILK 4/					
	Average price per 100 lbs.		Av. fat test	Av. pr. per lb.	B. F.	Average price per 100 lbs.		Av. fat test	Av. pr. per lb.	B. F.	
	1949	1950	1951 1/			1949	1950	1951 1/			
	Dollars	Dollars	Dollars	Pct.	Dols.	Dollars	Dollars	Dollars	Pct.	Dols.	
Jan.	3.41	3.21	3.76	3.90	.96	Jan.	3.62	3.31	4.08	4.17	.98
Feb.	3.21	3.15	3.74	3.83	.98	Feb.	3.36	3.29	4.09	4.07	1.01
Mar.	3.02	3.06	3.67	3.79	.97	Mar.	3.14	3.22	4.05	3.96	1.02
Apr.	2.90	2.98	3.62	3.73	.97	Apr.	2.99	3.13	3.96	3.92	1.01
May	2.90	2.95	3.65	3.72	.98	May	2.95	3.07	3.88	3.90	.99
June	2.88	2.91	3.61	3.71	.97	June	2.93	3.04	3.85	3.90	.99
July	2.95	2.97	3.58	3.75	.95	July	2.99	3.08	3.87	3.96	.98
Aug.	3.10	3.11	3.64	3.83	.95	Aug.	3.14	3.22	3.91	4.03	.97
Sept.	3.25	3.29	3.80	3.99	.95	Sept.	3.32	3.42	4.08	4.22	.97
Oct.	3.40	3.41	4.01	4.13	.97	Oct.	3.43	1/3.60	4.26	4.38	.97
Nov.	3.37	3.49	4.13	4.12	1.00	Nov.	3.50	3.74	4.47	4.48	1.00
Dec.	3.33	1/3.62	2/4.24	2/4.03	2/1.05	Dec.	3.47	1/3.96	4.51	4.32	1.04

1/ Revised.
 2/ Preliminary.
 Revised prices by states by months will be published by the Chicago Dairy Office in the January issue "Milk Prices Paid at Creameries and Cheese Factories" published Feb. 29, 1952. 4/ Revised prices by states by months will be shown in the January issue of the "Evaporated, Condensed, and Dry Milk Report" published February 29, 1952.

Table 20 (Contd.) - Average Prices Reported Paid by Manufacturing Plants for Milk Used in Various Manufactured Dairy Products, 1949, 1950 and 1951

Cheese by Varieties

Total Cheese						American Cheese					
Month	Average price per 100 lbs.			Av. fat test	Av. pr. per lb. B.F.	Month	Average price per 100 lbs.			Av. fat test	Av. pr. per lb. B.F.
	1949	1950	1951 1/				1949	1950	1951 1/		
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.34	3.19	3.94	3.88	1.02	Jan.	3.32	3.14	3.95	3.90	1.01
Feb.	3.10	3.13	3.92	3.80	1.03	Feb.	3.06	3.09	3.93	3.83	1.03
Mar.	2.97	3.03	3.78	3.74	1.01	Mar.	2.93	3.00	3.79	3.77	1.01
Apr.	2.89	2.95	3.59	3.70	.97	Apr.	2.85	2.92	3.60	3.73	.97
May	2.88	2.89	3.62	3.71	.98	May	2.86	2.89	3.65	3.75	.97
June	2.85	2.88	3.61	3.70	.98	June	2.84	2.89	3.64	3.74	.97
July	2.85	2.91	3.59	3.74	.96	July	2.85	2.93	3.62	3.79	.96
Aug.	3.01	3.01	3.69	3.84	.96	Aug.	3.02	3.04	3.74	3.90	.96
Sept.	3.18	3.19	3.78	3.96	.95	Sept.	3.20	3.23	3.82	4.03	.95
Oct.	3.31	3.36	4.00	4.12	.97	Oct.	3.33	3.40	4.05	4.20	.96
Nov.	3.35	3.45	4.16	4.14	1.00	Nov.	3.36	3.48	4.21	4.23	1.00
Dec.	3.29	1/3.72	2/4.19	2/4.05	2/1.03	Dec.	3.26	1/3.74	2/4.21	2/4.10	2/1.03

Swiss					Brick and Munster						
Month	Average price per 100 lbs.			Av. fat test	Av. pr. per lb. B.F.	Month	Average price per 100 lbs.			Av. fat test	Av. pr. per lb. B.F.
	1949	1950	1951 1/				1949	1950	1951 1/		
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.32	3.26	3.70	3.74	.99	Jan.	2.93	3.04	3.73	3.44	1.06
Feb.	3.17	3.19	3.72	3.64	1.02	Feb.	2.84	2.96	3.74	3.39	1.10
Mar.	3.09	3.08	3.58	3.56	1.01	Mar.	2.71	2.83	3.60	3.36	1.07
Apr.	3.00	3.02	3.56	3.48	.97	Apr.	2.67	2.75	3.32	3.35	.99
May	2.94	2.83	3.35	3.44	.97	May	2.71	2.70	3.41	3.38	1.01
June	2.80	2.74	3.34	3.41	.98	June	2.69	2.70	3.42	3.36	1.02
July	2.80	2.70	3.30	3.44	.96	July	2.75	2.78	3.31	3.39	.98
Aug.	2.85	2.80	3.36	3.51	.96	Aug.	2.86	2.83	3.36	3.44	.98
Sept.	2.98	2.95	3.45	3.60	.96	Sept.	2.83	2.96	3.48	3.52	.99
Oct.	3.20	3.10	3.64	3.73	.98	Oct.	2.94	3.11	3.60	3.58	1.01
Nov.	3.33	3.23	3.82	3.82	1.00	Nov.	2.98	3.21	3.72	3.55	1.05
Dec.	3.39	1/3.51	2/3.98	2/3.81	2/1.04	Dec.	3.08	1/3.41	2/3.75	2/3.51	2/1.07

Limburger					Italian						
Month	Average price per 100 lbs.			Av. fat test	Av. pr. per lb. B.F.	Month	Average price per 100 lbs.			Av. fat test	Av. pr. per lb. B.F.
	1949	1950	1951 1/				1949	1950	1951 1/		
	Dollars			Pct.	Dols.		Dollars			Pct.	Dols.
Jan.	3.11	3.16	3.70	3.55	1.04	Jan.	3.75	3.41	4.10	3.85	1.06
Feb.	2.95	3.09	3.77	3.48	1.08	Feb.	3.50	3.27	4.09	3.78	1.08
Mar.	2.77	2.98	3.61	3.41	1.06	Mar.	3.35	3.18	3.91	3.72	1.05
Apr.	2.68	2.86	3.33	3.32	1.00	Apr.	3.25	3.08	3.77	3.69	1.02
May	2.67	2.76	3.30	3.31	1.00	May	3.16	3.08	3.77	3.66	1.03
June	2.67	2.73	3.30	3.30	1.00	June	3.16	3.08	3.76	3.67	1.02
July	2.65	2.74	3.31	3.40	.97	July	3.10	3.09	3.69	3.69	1.00
Aug.	2.84	2.83	3.43	3.49	.98	Aug.	3.25	3.13	3.78	3.75	1.01
Sept.	2.96	3.01	3.52	3.63	.97	Sept.	3.37	3.25	3.85	3.84	1.00
Oct.	3.05	3.19	3.69	3.74	.99	Oct.	3.43	3.41	4.06	3.95	1.03
Nov.	3.21	3.35	3.86	3.79	1.02	Nov.	3.46	3.55	4.14	3.94	1.05
Dec.	3.24	1/3.55	2/3.85	2/3.70	2/1.04	Dec.	3.52	1/3.81	2/4.30	2/3.97	2/1.08

1/ Revised.
 2/ Preliminary.
 3/ Revised prices by states by months will be published by the Chicago Dairy Office in the January issue "Milk Prices Paid at Creameries and Cheese Factories" published February 29, 1952.

Table 20.--(Cont'd)--Average Prices Reported Paid by Manufacturing Plants for Milk Used in Various Manufactured Dairy Products, 1949, 1950 and 1951

Cheese by Varieties

Month	All Other					Month	Total Miscellaneous Types				
	Average price		1951 1/	Av. fat test	Av. pr. per lb. B. F.		Average price		1951 1/	Av. fat test	Av. pr. per lb. B. F.
	per 100 lbs.	per 100 lbs.					per 100 lbs.	per 100 lbs.			
	1949	1950	1951 1/			1949	1950	1951 1/			
	Dollars			Pct.	Dols.	Dollars			Pct.	Dols.	
Jan.	3.61	3.50	4.17	4.15	1.00	Jan.	3.40	3.32	3.90	3.82	1.02
Feb.	3.35	3.39	4.11	3.99	1.03	Feb.	3.23	3.23	3.89	3.72	1.05
Mar.	3.20	3.30	3.97	3.91	1.02	Mar.	3.11	3.12	3.74	3.65	1.02
Apr.	3.15	3.17	3.89	3.90	1.00	Apr.	3.03	3.03	3.55	3.60	.99
May	3.04	3.11	3.89	3.89	1.00	May	2.97	2.91	3.53	3.56	.99
June	3.06	3.09	3.91	3.89	1.01	June	2.88	2.85	3.52	3.54	.99
July	3.05	3.11	3.87	3.94	.98	July	2.87	2.84	3.46	3.56	.97
Aug.	3.22	3.19	3.96	4.01	.99	Aug.	2.96	2.92	3.53	3.63	.97
Sept.	3.29	3.36	4.01	4.12	.97	Sept.	3.08	3.07	3.64	3.74	.97
Oct.	3.39	3.56	4.26	4.32	.99	Oct.	3.24	3.25	3.87	3.90	.99
Nov.	3.45	3.66	4.41	4.34	1.02	Nov.	3.33	3.39	4.04	3.95	1.02
Dec.	3.47	1/3.98	2/4.41	2/4.24	2/1.04	Dec.	3.38	1/3.67	2/4.14	2/3.93	2/1.05

1/ Revised.
2/ Preliminary.

Table 21--Manufacturers' Selling Prices of Unsweetened (plain) Condensed Milk (bulk goods), United States, 1942-51 1/

Whole

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	St. Av.
	Dollars per hundredweight												
1942	7.38	7.48	7.40	7.41	7.42	7.60	7.73	8.01	8.59	8.95	8.95	9.12	8.00
1943	9.22	9.44	9.47	9.50	9.58	9.65	9.62	9.72	10.25	10.50	11.00	11.24	9.93
1944	11.10	11.07	11.07	10.16	9.70	9.70	9.62	9.70	9.73	9.80	9.96	10.11	10.14
1945	10.25	10.07	9.96	9.98	10.00	10.13	10.21	10.13	10.24	10.30	10.47	10.21	10.16
1946	10.17	10.12	10.11	10.11	10.15	10.15	10.68	11.96	12.18	14.00	13.98	13.96	11.46
1947	13.32	12.13	12.06	11.79	11.30	11.52	11.30	12.11	12.54	13.67	14.23	14.86	12.57
1948	14.75	14.72	15.35	15.19	15.39	15.12	15.54	15.43	15.40	15.25	15.03	14.76	15.16
1949	13.86	13.14	12.83	12.65	12.44	12.37	12.39	12.52	12.78	12.80	12.87	12.77	12.78
1950	12.20	12.22	12.18	12.04	11.98	11.91	12.08	12.37	12.62	12.72	12.84	13.07	12.35
1951	13.32	13.40	13.42	13.41	13.40	13.40	13.39	13.47	13.49	13.50	13.52	13.58	13.44

Skim

	Dollars per hundredweight												
1942	3.65	3.64	3.67	3.63	3.61	3.63	3.75	3.67	3.81	3.87	3.92	3.99	3.74
1943	4.04	4.10	4.10	4.13	4.16	4.20	4.10	4.16	4.25	4.30	4.31	4.40	4.19
1944	4.41	4.48	4.49	4.17	4.22	4.19	4.16	4.21	4.21	4.23	4.25	4.30	4.28
1945	4.27	4.20	4.19	4.17	4.20	4.22	4.24	4.22	4.22	4.23	4.21	4.17	4.21
1946	4.18	4.21	4.24	4.21	4.20	4.25	4.62	4.81	4.87	5.15	5.16	5.08	4.58
1947	4.79	4.38	3.92	3.78	3.56	3.54	3.63	3.77	3.87	3.92	4.40	4.72	4.02
1948	4.84	4.85	4.85	4.76	4.68	4.79	4.97	4.98	5.04	5.00	5.06	4.90	4.89
1949	4.49	4.20	4.01	3.82	3.66	3.67	3.71	3.75	3.82	3.84	3.88	3.88	3.89
1950	3.82	3.79	3.73	3.63	3.60	3.60	3.63	3.77	3.81	4.00	4.10	4.27	3.81
1951	4.55	4.59	4.61	4.63	4.64	4.63	4.62	4.68	4.68	4.69	4.75	4.79	4.56

Table 21.-(Cont'd)-Manufacturers' Selling Prices of Condensed Milk (Bulk Goods)
United States, 1942-51

Sweetened Condensed

Whole

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	St. Av.
Dollars per hundredweight													
1942	10.70	10.91	10.84	11.09	11.21	11.15	11.25	11.46	11.55	11.69	11.69	11.81	11.28
1943	11.77	11.75	11.77	11.86	11.87	11.95	12.02	12.12	12.29	12.25	12.26	12.38	12.02
1944	12.35	12.35	12.35	12.19	12.17	12.28	12.41	12.41	12.40	12.31	12.25	12.24	12.31
1945	12.25	12.18	12.35	12.45	12.50	12.50	12.52	12.50	12.53	12.44	12.46	12.47	12.43
1946	12.46	12.45	12.44	12.43	12.44	12.45	13.52	14.53	16.53	17.74	19.65	20.35	14.75
1947	19.82	18.66	17.77	16.24	15.30	15.16	15.19	14.98	15.20	15.83	16.23	16.57	16.41
1948	16.75	16.62	16.47	16.33	16.42	16.72	17.22	17.33	17.19	16.88	16.66	16.48	16.76
1949	15.53	14.73	14.21	13.80	13.64	13.58	13.61	13.77	13.92	14.06	14.16	14.05	14.09
1950	13.95	14.09	14.05	13.93	13.87	13.53	13.64	14.04	14.38	14.80	14.88	15.33	14.21
1951	15.99	16.14	16.17	16.22	16.16	16.18	16.17	16.18	16.27	16.28	16.33	16.36	16.20

Skin

Dollars per hundredweight

1942	6.89	7.34	7.64	7.78	7.94	7.97	8.05	8.12	8.15	8.25	8.33	8.34	7.90
1943	8.32	8.34	8.40	8.45	8.58	8.75	8.62	8.83	9.01	9.12	9.10	9.14	8.72
1944	9.17	9.20	9.20	8.14	8.07	8.08	8.00	8.01	7.99	8.02	8.06	8.11	8.34
1945	8.10	8.11	8.14	8.12	8.07	8.06	8.05	8.06	8.04	8.04	8.06	8.09	8.08
1946	8.10	8.11	8.09	8.08	8.09	8.08	10.12	11.49	12.96	14.11	15.31	15.42	10.66
1947	14.54	13.19	12.49	10.46	9.96	8.38	8.21	8.15	8.04	8.20	8.57	8.82	9.83
1948	8.92	8.88	9.04	9.05	9.02	9.01	9.14	9.37	9.34	9.15	9.11	8.95	9.08
1949	8.54	8.25	8.10	7.91	7.83	7.78	7.75	7.92	7.99	8.06	8.09	8.00	8.02
1950	7.89	7.90	7.90	7.88	7.82	7.79	7.92	8.38	8.73	8.86	9.01	9.25	8.21
1951	9.62	9.69	9.70	9.80	9.78	9.80	9.86	9.86	9.85	9.86	9.89	9.92	9.80

Table 22.-Production of Condensed Milk (Bulk Goods),
United States, 1945-49 Average, 1949, 1950, and 1951

Unsweetened (plain) Condensed

Whole

Month	Average	1949	1950	1951	Chg. in 1951 from	
	1945-49	1/	1/	2/	1945-49	1950
		Thousand pounds			Percent	
January	9,414	9,257	12,934	13,750	+46	+6
February	9,380	10,051	13,969	14,000	+49	0
March	12,829	15,554	16,064	17,750	+38	+10
April	14,617	17,881	17,124	18,200	+25	+6
May	16,376	20,544	20,386	21,900	+34	+7
June	17,394	21,358	21,764	22,500	+29	+3
July	18,922	26,420	25,636	26,000	+37	+1
August	17,762	25,399	25,321	27,000	+52	+7
September	14,940	18,138	19,511	21,250	+42	+9
October	11,965	13,995	17,953	15,700	+31	-13
November	8,869	12,193	15,683	13,000	+47	-17
December	8,573	12,061	15,379	16,900	+97	+10
TOTAL	161,041	202,851	221,724	227,950	+42	+3

1/ Enumerations.

2/ Revised estimates.

Table 22 (Contd.) - Production of Condensed Milk (Bulk Goods),
United States, 1945-49 Average, 1949, 1950, and 1951

Month	Unsweetened (plain) Condensed - Skim				Chg. in 1951 from	
	Average	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	1945-49 1/	Thousand pounds			Percent	
January	33,430	36,301	31,609	31,350	- 7	- 1
February	33,645	34,796	32,305	33,000	- 2	+ 2
March	38,491	41,298	39,846	39,550	+ 3	- 1
April	38,604	45,074	47,028	43,250	+12	- 8
May	42,259	57,695	55,886	50,900	+20	- 9
June	45,938	60,382	60,063	54,400	+18	- 9
July	46,633	56,157	56,374	55,500	+19	- 2
August	45,576	53,335	51,476	51,500	+13	0
September	41,558	42,793	43,003	43,300	+ 4	+ 1
October	38,580	41,149	39,677	33,300	-14	-16
November	36,667	35,551	33,606	28,750	-22	-14
December	33,931	33,137	32,309	30,000	-12	- 7
Total	475,312	537,662	523,182	494,700	+ 4	- 5

Month	Sweetened Condensed - Whole				Chg. in 1951 from	
	Average	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	1945-49 1/	Thousand pounds			Percent	
January	3,396	2,435	2,925	2,600	-23	-11
February	3,583	2,350	2,503	2,150	-40	-14
March	4,477	2,337	2,850	3,100	-31	+ 9
April	5,640	2,976	3,248	2,925	-48	-10
May	9,391	6,026	3,859	4,000	-57	+ 4
June	8,595	3,808	3,946	4,600	-46	+17
July	6,746	3,931	4,040	3,500	-48	-13
August	6,152	4,987	4,208	3,175	-48	-25
September	5,000	4,798	4,108	2,950	-41	-28
October	4,426	5,090	3,024	2,875	-35	- 5
November	4,024	5,721	2,037	2,550	-37	+25
December	2,978	2,720	2,387	2,050	-31	-14
Total	64,408	47,179	39,135	36,475	-43	- 7

Month	Sweetened Condensed - Skim				Chg. in 1951 from	
	Average	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
	1945-49 1/	Thousand pounds			Percent	
January	22,719	12,246	11,466	14,950	-34	+30
February	24,287	11,273	11,990	14,250	-41	+19
March	35,753	15,391	16,211	18,900	-47	+17
April	52,575	22,894	18,214	19,300	-63	+ 6
May	73,580	35,299	26,610	32,000	-57	+20
June	74,266	29,813	25,935	30,250	-59	+17
July	56,878	22,306	22,697	20,250	-64	-11
August	41,147	19,595	20,845	17,300	-58	-17
September	29,266	15,884	16,133	13,000	-56	-19
October	22,343	11,671	14,642	12,000	-46	-18
November	15,793	9,015	11,667	9,800	-38	-16
December	18,125	9,908	14,000	12,700	-30	- 9
Total	466,732	215,295	210,410	214,700	-54	+ 2

1/ Enumerations. 2/ Revised estimates.

Table 23.—Production of Evaporated and Sweetened Condensed Whole Milk (Case goods), United States, 1945-49 Average, 1949, 1950 and 1951

Month	Evaporated Milk					
	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	Change in 1951 from	
	Thousand pounds				1945-49 Av.	1950
					Percent	
January	193,081	156,513	167,450	181,500	- 6	+ 8
February	199,499	160,861	184,173	190,500	- 5	+ 3
March	263,100	215,893	240,068	257,900	- 2	+ 7
April	321,215	266,766	259,530	290,400	-10	+12
May	414,675	358,577	347,611	388,500	- 6	+12
June	412,931	350,154	350,624	371,900	-10	+ 6
July	361,816	306,989	303,067	315,300	-13	+ 4
August	307,691	273,573	282,832	264,000	-14	- 7
September	244,750	214,813	232,155	197,000	-20	-15
October	200,430	168,754	199,430	166,500	-17	-17
November	155,072	133,540	157,764	133,500	-14	-15
December	160,485	149,347	157,471	141,700	-12	-10
Total	3,234,745	2,755,780	2,882,475	2,898,700	-10	+ 1

Month	Sweetened Condensed Milk					
	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	Change in 1951 from	
	Thousand pounds				1945-49 Av.	1950
					Percent	
January	9,232	9,269	3,928	5,435	-41	+38
February	9,008	10,888	5,235	4,900	-46	- 6
March	10,935	12,999	6,038	4,200	-62	-30
April	12,564	11,670	6,306	4,200	-67	-39
May	12,924	10,481	5,320	5,700	-56	+ 7
June	12,485	9,749	5,155	6,200	-50	+20
July	12,010	8,132	4,854	4,900	-59	+ 1
August	12,623	7,959	6,176	4,375	-65	-29
September	11,415	5,721	5,878	4,200	-63	-29
October	10,093	4,580	5,267	4,250	-58	-19
November	8,157	4,513	3,596	4,550	-43	+29
December	8,377	4,941	3,620	6,190	-26	+71
Total	129,828	100,902	61,973	59,200	-54	- 4

1/ Enumerations. 2/ Revised estimates.

Table 24.—Manufacturers' Stocks of Evaporated and Sweetened Condensed Whole Milk (Case Goods) at End of Month, United States, 1942-1951

Month	Evaporated Milk -- (Thousand Pounds)									
	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951 1/
January	252,532	94,071	168,186	131,745	54,098	130,736	95,433	297,591	151,401	88,981
February	218,410	89,499	147,285	122,546	46,261	117,497	73,267	206,464	101,470	82,423
March	213,550	77,807	150,333	107,702	58,946	118,926	63,117	177,077	86,216	92,255
April	222,485	113,540	180,640	154,383	80,689	148,830	79,563	189,735	117,081	149,041
May	292,553	253,149	240,577	206,309	150,579	278,814	178,654	298,661	222,300	283,708
June	331,571	373,784	307,456	209,952	220,331	439,005	337,507	379,000	343,988	426,747
July	290,875	400,397	321,083	204,368	229,279	501,177	444,015	454,210	340,962	524,514
August	210,140	376,779	292,135	193,154	211,680	474,240	513,665	477,812	349,397	543,438
September	136,626	329,364	272,271	172,565	202,775	379,712	621,948	484,246	388,620	501,412
October	97,706	265,353	254,722	131,226	171,026	284,061	622,624	426,836	383,161	448,008
November	90,678	198,595	190,465	89,845	148,210	223,940	542,810	333,264	316,666	357,311
December	82,672	183,656	143,294	71,762	129,464	158,551	424,619	243,491	159,559	225,988

Month	Sweetened Condensed Milk -- (Thousand pounds)									
	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951 1/
January	9,000	5,286	6,248	7,328	4,991	4,923	8,682	8,002	5,249	7,607
February	6,223	6,391	6,134	6,559	5,044	4,346	9,124	8,694	5,951	8,668
March	6,469	7,198	8,652	7,951	4,415	5,450	8,622	8,341	6,757	9,455
April	8,292	6,739	8,430	11,299	5,551	5,279	8,777	9,290	7,596	8,298
May	8,178	9,121	12,968	13,012	7,748	6,387	11,619	9,066	7,650	8,627
June	7,445	10,736	15,023	11,868	9,617	7,196	12,615	10,027	9,733	8,796
July	6,733	10,949	12,811	13,987	11,119	9,477	13,165	8,309	7,368	7,900
August	5,412	10,736	10,825	14,310	10,826	10,561	14,275	8,559	7,016	7,171
September	4,149	10,238	9,584	11,753	12,547	11,422	15,645	6,758	9,409	5,878
October	2,445	8,569	7,404	7,842	11,377	9,238	13,408	6,925	9,256	6,957
November	2,586	7,039	7,125	7,261	8,701	8,501	14,824	5,795	10,494	8,777
December	4,230	6,423	6,725	5,357	5,230	9,362	12,576	7,386	6,883	9,185

1/ Revised to include late reports.

Table 25.—Average price per hundredweight, paid producers by condenseries for milk of 3.5 percent butterfat, f.o.b. factory, United States, 1922-51

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1922	1.70	1.53	1.50	1.48	1.45	1.45	1.60	1.71	1.75	1.86	2.08	2.31	1.70
1923	2.40	2.37	2.31	2.22	2.04	2.02	2.12	2.16	2.18	2.23	2.21	2.21	2.21
1924	2.18	2.13	2.09	1.93	1.72	1.64	1.66	1.66	1.66	1.70	1.71	1.85	1.83
1925	1.92	1.93	1.93	1.93	1.88	1.82	1.91	1.98	2.01	2.09	2.15	2.15	1.98
1926	2.17	2.06	2.03	1.93	1.81	1.79	1.79	1.84	1.95	2.00	2.09	2.22	1.97
1927	2.28	2.28	2.20	2.14	2.00	1.91	1.91	2.00	2.07	2.15	2.20	2.25	2.12
1928	2.27	2.22	2.08	2.05	1.97	1.92	1.96	2.07	2.16	2.19	2.21	2.28	2.12
1929	2.23	2.18	2.14	2.07	1.99	1.92	1.91	1.96	1.97	2.04	2.07	2.02	2.04
1930	1.87	1.71	1.69	1.68	1.67	1.58	1.54	1.61	1.72	1.75	1.67	1.56	1.67
1931	1.42	1.35	1.27	1.21	1.12	1.04	1.02	1.03	1.12	1.22	1.23	1.19	1.18
1932	1.12	.99	.95	.93	.86	.81	.77	.80	.85	.86	.86	.92	.89
1933	.95	.84	.82	.81	.93	1.00	1.07	1.10	1.09	1.10	1.08	1.00	.98
1934	.97	1.10	1.11	1.02	1.06	1.09	1.09	1.21	1.17	1.20	1.32	1.35	1.14
1935	1.46	1.57	1.42	1.46	1.23	1.13	1.13	1.18	1.22	1.31	1.49	1.57	1.35
1936	1.58	1.62	1.47	1.40	1.29	1.39	1.63	1.74	1.74	1.65	1.64	1.62	1.56
1937	1.59	1.58	1.63	1.49	1.43	1.42	1.46	1.52	1.61	1.65	1.71	1.71	1.57
1938	1.53	1.42	1.36	1.24	1.17	1.15	1.16	1.15	1.14	1.16	1.21	1.26	1.25
1939	1.20	1.18	1.11	1.07	1.10	1.13	1.16	1.18	1.35	1.43	1.48	1.49	1.24
1940	1.50	1.45	1.36	1.29	1.26	1.27	1.30	1.32	1.34	1.40	1.52	1.59	1.38
1941	1.46	1.45	1.48	1.56	1.66	1.75	1.87	1.97	2.06	2.12	2.16	2.17	1.81
1942	2.16	2.08	1.98	1.92	1.90	1.85	1.86	2.01	2.13	2.28	2.35	2.47	2.08
1943	2.53	2.55	2.56	2.58	2.59	2.59	2.60	2.62	2.64	2.68	2.70	2.72	2.61
1944	2.74	2.74	2.71	2.65	2.61	2.60	2.62	2.63	2.65	2.66	2.66	2.67	2.66
1945	2.68	2.68	2.66	2.63	2.61	2.60	2.61	2.61	2.56	2.60	2.63	2.68	2.63
1946	2.70	2.73	2.74	2.76	2.78	2.90	3.53	3.63	3.91	4.20	4.30	4.18	3.36
1947	3.83	3.55	3.50	3.32	3.01	2.96	3.11	3.30	3.52	3.60	3.78	4.04	3.46
1948	4.16	4.07	3.95	3.96	3.99	4.04	4.21	4.21	3.98	3.55	3.34	3.33	3.90
1949	3.10	2.90	2.81	2.72	2.69	2.69	2.71	2.77	2.80	2.82	2.86	2.87	2.81
1950	2.84	2.84	2.81	2.78	2.74	2.71	2.72	2.81	2.90	2.96	3.06	3.25	2.87
1951	3.47	3.54	3.60	3.55	3.50	3.46	3.45	3.45	3.46	3.51	3.62	3.73	3.53

Table 26.—Average price per hundredweight paid producers by condenseries for milk of 3.5 percent butterfat, f.o.b. factory, by geographic divisions, 1951

Divisions	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N.E.	---	---	---	---	---	---	---	---	---	---	---	---	---
M.A.	3.72	3.74	3.60	3.59	3.64	3.52	3.53	3.60	3.67	3.81	3.99	4.16	3.71
S.A.	3.33	3.40	3.46	3.46	3.43	3.42	3.42	3.43	3.43	3.46	3.54	3.63	3.45
E.N.C.	3.61	3.69	3.75	*3.64	3.55	3.50	3.48	3.48	3.47	3.54	3.69	3.81	3.60
W.N.C.	3.35	3.38	3.41	3.41	3.36	3.35	3.33	3.33	3.32	3.36	3.49	3.65	3.40
S.C.	3.21	3.29	3.38	3.39	3.38	*3.32	3.30	3.31	3.32	3.33	3.41	3.49	3.34
N.W.	3.16	3.24	3.27	3.29	3.28	3.31	3.30	3.33	3.37	3.42	3.45	3.52	3.33
S.W.	3.34	3.43	*3.47	*3.53	*3.57	3.60	*3.61	3.58	3.63	3.62	3.63	3.71	3.56
U.S.	3.47	3.54	3.60	3.55	3.50	3.46	3.45	3.45	3.46	3.51	3.62	3.73	3.53

* Revised.

Table 27 --Manufacturers' selling prices of evaporated whole milk per case of 48 14½-oz. cans in cartons, United States, 1930-51

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1930	3.86	3.83	3.77	3.74	3.73	3.60	3.60	3.62	3.62	3.62	3.62	3.58	3.68
1931	3.38	3.24	3.18	3.16	3.03	3.00	2.85	2.75	2.79	2.85	2.85	2.85	2.99
1932	2.81	2.79	2.55	2.58	2.34	2.30	2.09	2.12	2.16	2.16	2.17	2.42	2.37
1933	2.44	2.38	2.08	2.21	2.47	2.51	2.53	2.54	2.55	2.57	2.56	2.55	2.45
1934	2.56	2.57	2.54	2.56	2.54	2.54	2.53	2.53	2.54	2.53	2.53	2.53	2.54
1935	2.67	2.83	2.82	2.83	2.83	2.80	2.62	2.58	2.59	2.59	2.73	2.91	2.73
1936	2.93	2.93	2.91	2.96	2.96	2.95	3.17	3.20	3.19	3.20	3.15	3.12	3.06
1937	3.11	2.99	2.96	2.98	2.97	2.97	3.01	3.06	3.06	3.07	3.07	3.07	3.03
1938	3.06	3.06	2.99	2.85	2.82	2.80	2.77	2.71	2.70	2.68	2.68	2.69	2.82
1939	2.70	2.69	2.68	2.67	2.68	2.67	2.68	2.68	2.79	2.89	2.93	2.94	2.75
1940	2.93	2.91	2.90	2.82	2.77	2.82	2.85	2.86	2.86	2.85	2.91	2.98	2.87
1941	2.96	2.95	2.95	3.04	3.18	3.29	3.42	3.56	3.65	3.67	3.67	3.67	3.33
1942	3.67	3.64	3.62	3.55	3.52	3.49	3.49	3.50	3.66	3.75	3.73	3.85	3.62
1943	4.15	4.14	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
1944	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
1945	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.14	4.14	4.14	4.15
1946	4.15	4.15	4.15	4.14	4.21	4.54	5.09	5.32	5.46	5.79	5.88	5.88	4.90
1947	5.86	5.72	5.64	5.42	5.23	5.18	5.13	5.20	5.24	5.31	5.52	5.70	5.43
1948	5.83	5.99	6.00	6.08	6.41	6.48	6.61	6.71	6.56	6.26	5.94	5.95	6.24
1949	5.81	5.66	5.45	5.18	5.05	5.09	5.12	5.11	5.08	5.08	5.09	5.09	5.23
1950	5.10	5.10	5.10	5.10	5.10	5.09	5.10	5.29	5.37	5.37	5.39	5.63	5.23
1951	6.06	6.15	6.16	6.16	6.16	6.14	6.12	6.09	6.06	6.05	6.08	6.19	6.12

1/ Previous to February 1931, 16-oz. cans.

Table 28 --Manufacturers' selling prices of sweetened condensed milk per case of 48 14-oz. cans in cartons, United States, 1930-51

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1930	6.14	6.14	6.11	6.10	6.18	6.09	5.91	6.14	6.14	6.13	6.34	6.15	6.13
1931	6.03	5.61	5.86	5.72	5.74	5.73	5.39	5.63	5.58	5.48	5.62	5.62	5.67
1932	4.98	4.94	4.93	4.93	4.89	4.76	4.73	4.75	4.93	4.93	4.93	4.93	4.89
1933	4.93	4.93	4.93	4.93	4.93	4.93	4.94	4.94	4.94	4.94	4.95	4.95	4.94
1934	4.95	4.90	4.88	4.88	4.70	4.74	4.73	4.73	4.73	4.73	4.73	4.73	4.79
1935	4.73	4.77	4.79	4.80	4.80	4.80	4.80	4.77	4.77	4.77	4.77	4.77	4.78
1936	4.77	4.80	4.81	4.80	4.80	4.80	4.79	4.82	4.78	4.82	4.86	4.86	4.81
1937	4.86	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.86	4.86	4.88
1938	4.86	4.86	4.86	4.80	4.80	4.79	4.85	4.86	4.86	4.86	4.86	4.86	4.84
1939	4.86	4.86	4.86	4.86	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.82
1940	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80
1941	4.80	4.80	4.80	4.80	5.04	5.17	5.20	5.29	5.30	5.33	5.64	5.64	5.15
1942	5.64	5.64	5.64	5.65	5.65	5.65	5.65	5.65	5.83	5.83	5.83	5.83	5.71
1943	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84	5.84
1944	5.84	5.84	5.86	6.22	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.20
1945	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33	6.33
1946	6.33	6.33	6.33	6.33	6.33	6.33	6.79	7.03	7.78	7.92	8.25	8.25	7.00
1947	8.25	8.25	8.28	8.27	8.26	8.26	8.26	8.26	8.26	8.40	8.80	8.80	8.36
1948	8.93	9.12	9.12	9.32	9.69	9.71	9.87	10.02	10.02	9.93	9.60	9.60	9.58
1949	9.60	9.48	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.17
1950	9.10	9.10	9.10	9.10	9.10	9.10	9.10	9.30	9.30	9.50	9.50	9.72	9.25
1951	10.49	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.77

Table 29.—Production of Spray and Roller-Dried Nonfat Milk Solids,
United States, 1945-49 average, 1949, 1950 and 1951

Month	Spray				Change in 1951 from	
	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
Thousand pounds				Percent		
January	27,447	40,764	47,224	35,000	+28	-26
February	29,133	42,473	47,466	33,500	+15	-29
March	38,624	54,890	60,627	42,925	+11	-29
April	44,616	64,430	69,058	54,200	+21	-22
May	53,866	77,363	81,099	73,500	+36	-9
June	52,357	72,187	82,224	79,000	+51	-4
July	44,419	59,690	68,963	64,250	+45	-7
August	35,283	54,497	48,369	53,400	+51	+10
September	28,462	44,316	34,011	36,775	+29	+8
October	24,431	38,495	28,443	28,900	+18	+2
November	21,573	35,915	24,971	20,980	-3	-16
December	28,878	42,922	31,512	29,400	-2	-10
Total	429,089	627,942	623,967	550,830	+28	-12

Month	Roller				Change in 1951 from	
	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
Thousand pounds				Percent		
January	16,494	14,832	20,896	8,500	-48	-59
February	17,599	17,403	20,925	8,000	-55	-62
March	25,369	26,129	27,504	11,750	-54	-57
April	32,533	34,133	34,605	16,400	-50	-53
May	44,198	46,531	39,439	27,600	-38	-30
June	44,189	42,163	39,996	29,400	-33	-26
July	32,745	31,015	25,922	17,800	-46	-31
August	23,257	25,486	15,809	13,500	-42	-15
September	16,460	19,983	10,815	8,650	-47	-20
October	12,565	16,228	7,838	6,925	-45	-12
November	9,940	14,285	5,952	4,950	-50	-17
December	13,644	18,804	7,409	7,000	-49	-6
Total	288,993	306,992	257,111	160,475	-41	-38

Month	Total Spray and Roller				Change in 1951 from	
	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
Thousand pounds				Percent		
January	43,941	55,596	68,120	43,500	-1	-36
February	46,732	59,876	68,391	41,500	-11	-39
March	63,993	81,019	88,131	54,675	-15	-38
April	77,149	98,563	103,663	70,600	-8	-32
May	98,064	123,894	120,538	101,100	+3	-16
June	96,546	114,350	122,220	108,400	+12	-11
July	77,164	90,705	94,885	82,050	+6	-14
August	58,540	79,983	64,178	66,900	+14	+4
September	44,922	64,299	44,827	45,425	+1	+1
October	36,996	54,723	36,281	35,825	-3	-1
November	31,513	50,200	30,923	25,930	-18	-16
December	42,522	61,726	38,921	35,400	-17	-9
Total	718,082	934,934	891,078	711,305	-1	-19

1/ Enumerations. 2/ Revised estimates.

Table 30.—Production of Dry Skim Milk for Animal Feed,
United States, 1945-49 average, 1949, 1950 and 1951

Month	Production				Change in 1951 from	
	Average 1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
Thousand pounds				Percent		
January	949	1,570	1,196	635	-33	-47
February	902	1,348	1,469	700	-22	-52
March	1,401	1,901	1,686	800	-43	-53
April	1,861	2,254	2,039	875	-53	-57
May	2,584	2,927	2,239	1,425	-45	-36
June	2,869	2,842	2,305	2,200	-23	-5
July	2,224	2,172	1,920	1,350	-39	-30
August	1,595	1,599	1,285	1,250	-22	+3
September	1,094	1,290	1,016	1,100	+1	+8
October	770	1,148	805	750	-3	-7
November	583	1,000	810	750	+29	-7
December	731	1,193	803	900	+23	+12
Total	17,554	21,244	17,573	12,735	-27	-28

1/ Enumerations. 2/ Revised estimates.

Table 31.—Production of Spray and Roller Whole Milk,
United States, 1945-49 average, 1949, 1950 and 1951

Spray							
Month	Average	Thousand pounds			Change in 1951 from		1950
	1945-49	1949	1950	1951 1/	1945-49 av.	1950	
					Percent		
January	11,418	9,150	7,686	10,900	- 5	+42	
February	10,235	6,791	7,179	11,000	+ 7	+53	
March	12,484	9,809	9,165	13,900	+11	+52	
April	13,881	10,217	8,620	14,500	+ 4	+68	
May	18,760	13,087	9,602	14,750	-21	+54	
June	18,820	10,647	10,973	13,175	-30	+20	
July	17,395	11,108	9,993	12,300	-29	+23	
August	15,201	8,736	11,070	8,575	-44	-23	
September	11,518	8,862	10,112	6,300	-45	-38	
October	10,085	6,692	10,774	5,575	-45	-48	
November	7,903	6,452	8,136	4,050	-49	-50	
December	9,276	8,440	8,131	5,580	-40	-31	
Total	156,977	109,991	111,441	120,605	-23	+ 8	

Roller							
Month	Average	Thousand pounds			Change in 1951 from		1950
		1945-49	1949	1950	1951 1/	1945-49 av.	
					Percent		
January	1,327	1,750	1,040	900	-32	-13	
February	1,594	1,940	790	700	-56	-11	
March	1,395	1,050	1,460	1,050	-25	-28	
April	1,744	1,375	900	1,100	-37	+22	
May	1,680	1,315	1,010	900	-46	-11	
June	1,305	1,025	1,200	1,150	-12	- 4	
July	1,281	1,220	1,200	1,325	+ 3	+10	
August	1,194	1,340	1,385	1,200	+ 1	-13	
September	1,215	1,225	1,190	850	-30	-29	
October	1,323	1,550	1,300	540	-59	-58	
November	1,088	660	920	75	-93	-92	
December	1,117	1,100	1,150	375	-66	-67	
Total	16,263	15,550	13,545	10,165	-37	-25	

Total Spray and Roller 2/

Month	Average	Thousand pounds			Change in 1951 from		1950
		1945-49	1949	1950	1951 1/	1945-49 av.	
					Percent		
January	12,745	10,900	8,726	11,800	- 7	+35	
February	11,829	8,731	7,969	11,700	- 1	+47	
March	13,879	10,859	10,625	14,950	+ 8	+41	
April	15,625	11,592	9,520	15,600	0	+64	
May	20,440	14,402	10,612	15,650	-23	+47	
June	20,125	11,672	12,173	14,325	-29	+18	
July	18,676	12,328	11,193	13,625	-27	+32	
August	16,395	10,076	12,455	9,775	-40	-22	
September	12,733	10,087	11,302	7,150	-44	-37	
October	11,408	8,242	12,074	6,115	-46	-49	
November	8,991	7,112	9,056	4,125	-54	-54	
December	10,393	9,540	9,281	5,955	-43	-36	
Total	173,240	125,541	124,986	130,770	-25	+ 5	

1/ Revised estimates.

2/ Data 1949, 1950 and 5-year averages are enumerations.

Table 32.—Manufacturers' selling prices in carlots of nonfat dry milk solids for human consumption, Chicago area (Minnesota, Wisconsin, Illinois, Indiana, and Michigan) July, 1943—December, 1951 (F.O.B. factory)

Year	Spray process											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cents per pound												
1943	-	-	-	-	-	-	14.49	14.56	14.60	14.61	14.68	14.65
1944	14.59	14.59	14.57	14.60	14.61	14.58	14.56	14.58	14.60	14.60	14.61	14.58
1945	14.60	14.63	14.69	14.48	14.58	14.58	14.62	14.45	14.49	13.92	13.75	14.22
1946	14.73	14.76	14.83	14.68	14.60	14.58	14.65	15.00	14.93	15.11	15.08	14.90
1947	14.18	12.84	10.55	10.00	9.76	9.81	9.86	9.92	10.30	10.87	12.27	14.17
1948	14.12	15.17	15.27	14.68	14.88	14.96	15.65	15.69	15.62	15.66	15.53	15.60
1949	13.93	11.71	11.77	11.94	12.11	12.06	12.04	11.86	12.52	12.52	12.55	12.61
1950	12.37	12.23	12.23	12.31	12.28	12.23	12.34	12.31	12.27	12.24	12.18	12.36
1951	12.71	13.18	13.56	14.85	14.92	14.83	14.89	14.97	14.95	15.01	14.97	15.02

Year	Roller process											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cents per pound												
1943	-	-	-	-	-	-	12.51	12.48	12.58	12.65	12.58	12.59
1944	12.68	12.67	13.81	14.02	14.18	14.17	14.00	14.04	13.87	13.72	13.44	13.07
1945	13.32	13.10	12.94	13.34	13.37	13.81	13.70	13.76	13.59	12.51	12.37	13.00
1946	13.64	14.02	13.85	13.85	13.91	14.00	13.95	14.03	14.07	14.07	14.10	14.02
1947	13.06	12.36	9.46	8.70	8.45	8.50	8.65	8.67	8.99	9.58	11.16	13.49
1948	13.98	14.05	13.84	13.32	13.27	13.36	13.86	14.06	14.27	14.29	14.23	14.22
1949	12.50	9.43	9.90	10.29	10.72	10.85	10.83	10.79	11.31	11.33	11.24	11.23
1950	10.95	10.29	10.23	10.31	10.24	10.16	10.14	10.15	10.13	10.17	10.55	10.87
1951	10.91	11.42	11.72	12.54	13.00	13.01	13.10	13.22	13.25	13.64	13.92	14.02

Fiscal month from 25th of preceding month through 25th of current month.

Table 33.—Production of Dry Buttermilk, United States, 1945-49 average, 1949, 1950, and 1951

Month	Average				Change in 1951 from	
	1945-49 1/	1949 1/	1950 1/	1951 2/	1945-49 av.	1950
Thousand pounds				Percent		
January	3,425	3,410	3,958	3,250	- 5	-18
February	3,477	3,600	3,813	3,425	- 1	-10
March	4,113	4,788	4,793	3,850	- 6	-20
April	4,262	4,884	4,720	3,920	- 8	-17
May	5,147	5,652	5,682	4,800	- 7	-16
June	5,150	5,539	5,831	5,025	- 2	-14
July	4,501	4,582	4,760	4,600	+ 2	- 3
August	3,626	3,950	3,924	4,000	+10	+ 2
September	3,023	3,421	3,058	3,400	+12	+11
October	2,751	2,984	2,697	3,050	+11	+13
November	2,517	3,046	2,526	2,500	- 1	- 1
December	2,912	3,503	2,906	3,200	+10	+10
Total	44,906	49,359	48,638	45,020	0	- 7

1/ Enumerations.
2/ Revised estimates.

Table 34.—Manufacturers' Stocks of Dry Buttermilk, United States, 1942-51

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Thousand pounds												
1942	4,752	5,533	5,539	6,039	7,034	8,388	7,889	7,447	6,677	5,463	5,098	4,358
1943	3,901	3,679	3,528	3,712	4,628	5,269	5,238	4,034	3,223	2,205	2,414	2,259
1944	3,690	4,279	5,485	5,966	7,259	8,411	9,167	9,925	10,734	10,911	11,278	11,318
1945	10,706	10,033	7,533	6,180	6,633	6,293	5,984	5,407	4,640	2,713	1,873	1,781
1946	1,560	1,541	1,542	1,794	2,261	2,760	3,272	4,076	4,595	4,510	4,455	4,816
1947	4,971	5,389	5,407	5,137	5,720	6,825	7,415	7,529	6,012	6,093	4,814	4,573
1948	4,096	4,328	4,635	4,346	4,306	4,224	5,521	6,234	6,056	6,186	5,994	5,972
1949	6,750	6,817	7,096	7,151	8,033	8,892	8,455	7,161	6,485	5,793	5,392	4,669
1950	4,157	3,974	3,671	4,031	4,871	5,831	5,956	5,470	5,019	3,935	2,980	3,474
1951 1/	5,218	5,427	5,117	7,117	8,130	7,452	8,489	9,549	9,958	9,266	8,235	8,090

1/ Revised to include late reports.

Table 35.-Manufacturers' Stocks of Spray-Dried Nonfat Milk Solids
At End of Month, United States, 1942 - 1951

Month	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
					Thousand pounds					
Jan.		18,549	13,029	15,296	7,313	29,074	10,591	36,623	30,622	18,225
Feb.		19,295	15,391	17,334	8,200	40,207	13,016	44,846	30,408	19,727
Mar.	Not	23,151	19,917	18,115	12,066	52,664	19,904	50,148	35,230	22,260
Apr.		25,376	26,278	23,445	17,977	47,955	22,567	47,087	45,550	36,858
May	avail-	30,980	27,609	30,514	34,189	63,548	35,108	57,771	54,688	60,925
June		24,513	32,486	32,403	40,406	64,808	43,536	64,427	60,258	87,933
July	able	22,764	29,541	27,084	40,376	57,230	52,809	60,933	54,048	104,646
Aug.		22,493	26,870	20,409	34,707	45,896	59,035	64,847	40,014	103,176
Sept.		18,675	23,509	16,190	32,338	29,563	52,481	55,453	29,045	90,959
Oct.		16,244	18,686	11,616	25,120	21,059	46,697	38,899	22,313	68,306
Nov.		14,052	15,221	6,987	18,726	12,449	34,757	32,481	16,937	47,245
Dec.		14,749	16,571	8,753	24,043	9,932	30,437	33,318	15,931	35,214

1/ Revised to include late reports

Table 36.-Manufacturers' Stocks of Roller-Dried Nonfat Milk Solids at End
of Month, United States, 1942 - 1951

Month	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
					Thousand pounds					
Jan.		9,117	11,604	22,609	5,547	17,996	4,489	13,516	13,317	4,648
Feb.		7,453	14,044	23,321	6,454	23,307	5,466	18,646	14,661	4,222
Mar.	Not	5,949	20,998	26,514	9,952	28,034	12,549	22,637	17,776	4,865
Apr.		7,004	29,939	38,897	17,419	29,351	16,993	28,349	24,807	7,375
May	avail-	12,689	38,468	51,825	37,070	37,984	27,840	38,504	27,895	15,532
June		32,172	42,056	54,649	45,572	46,347	36,977	41,019	33,005	22,475
July	able	29,069	46,678	50,276	40,226	34,374	37,933	37,196	28,674	23,969
Aug.		25,058	37,509	34,981	32,747	28,193	38,941	32,354	19,003	22,164
Sept.		19,120	34,436	22,585	28,512	19,380	32,965	24,995	13,400	18,909
Oct.		11,395	29,620	12,457	20,906	13,813	26,417	18,127	9,131	13,913
Nov.		7,787	22,596	6,744	15,474	8,088	16,300	15,310	6,561	9,303
Dec.		7,594	21,463	5,678	14,894	4,939	13,938	15,404	6,099	7,051

1/ Revised to include late reports.

Table 37.-Manufacturers' Stocks of Total Nonfat Dry Milk Solids at End
of Month, United States, 1942 - 1951 1/

Month	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
					Thousand pounds					
Jan.	21,069	27,666	24,633	37,905	12,860	47,070	15,080	50,139	43,939	22,873
Feb.	26,102	26,748	29,435	40,655	14,654	62,514	18,482	63,492	45,069	23,949
Mar.	35,510	29,100	40,915	44,629	22,018	80,698	32,453	72,785	53,006	27,125
Apr.	43,200	32,380	56,217	62,342	35,396	77,306	39,560	75,436	70,357	44,233
May	55,336	43,669	66,077	82,339	71,259	101,532	62,948	96,275	82,583	76,457
June	55,405	56,695	74,542	87,052	85,978	111,155	80,513	105,446	93,263	110,408
July	43,200	51,833	76,219	77,360	80,602	91,604	90,742	98,129	82,722	128,615
Aug.	36,703	47,551	64,379	55,390	67,454	74,089	97,976	97,201	59,017	125,340
Sept.	28,432	37,795	57,945	38,775	60,850	48,943	85,446	80,448	42,445	109,868
Oct.	17,332	27,639	48,306	24,073	46,026	34,872	73,114	57,026	31,444	82,219
Nov.	16,323	21,839	37,817	13,731	34,200	20,537	51,057	47,791	23,498	56,548
Dec.	26,391	22,343	38,034	14,431	38,937	14,871	44,375	48,722	22,030	42,265

1/ Excludes dry skim milk for animal feed.

2/ Revised to include late reports.

Table 38. Manufacturers' Stocks of Dry Whole Milk
at end of month, United States, 1942-1951 1/

Month :	1942 :	1943 :	1944 :	1945 :	1946 :	1947 :	1948 :	1949 :	1950 :	1951 2/
-- Thousand Pounds										
Jan.	7,522	8,247	12,321	16,489	9,218	17,545	12,173	16,251	9,738	10,737
Feb.	7,119	8,822	10,862	16,456	9,303	15,974	12,487	14,834	9,157	10,868
Mar.	7,764	12,742	13,191	14,849	10,753	17,274	12,519	15,479	9,792	14,703
Apr.	7,473	13,993	16,492	18,602	14,549	18,229	14,779	14,124	9,800	15,792
May	7,076	16,588	20,528	21,805	16,329	22,302	20,307	16,135	10,307	19,181
June	7,921	15,784	23,476	23,019	22,783	24,567	23,116	17,377	13,219	22,240
July	8,191	13,196	23,076	22,617	25,403	22,652	27,692	19,059	13,935	24,130
Aug.	8,760	11,028	20,407	19,543	26,007	20,798	29,613	17,788	13,630	26,325
Sept.	9,813	10,418	20,112	13,207	26,408	18,229	29,097	18,271	12,503	25,511
Oct.	8,205	8,473	17,681	12,220	23,133	18,620	30,713	16,666	13,284	23,288
Nov.	6,421	7,537	13,814	12,020	19,131	15,364	25,967	14,180	11,644	19,612
Dec.	7,368	7,816	16,299	12,254	17,718	12,496	18,491	11,105	10,231	17,917

1/ Includes packaged goods.

2/ Revised to include late reports.

Table 39. Manufacturers' Selling Prices of Dry Milk, United States, 1942-51

Nonfat Dry Milk Solids													
Spray Process *													
Year :	Jan. :	Feb. :	Mar. :	Apr. :	May :	June :	July :	Aug. :	Sept. :	Oct. :	Nov. :	Dec. :	St. Av.
Cents per pound													
1945	14.75	14.83	14.80	14.76	14.73	14.81	14.69	14.78	14.65	14.34	14.54	14.77	14.70
1946	14.77	14.81	14.86	14.81	14.85	14.76	14.76	14.81	15.02	14.92	15.00	14.93	14.86
1947	13.32	11.73	10.41	10.04	9.80	9.90	9.93	10.07	10.64	11.41	12.70	14.21	11.18
1948	14.80	15.24	15.24	14.79	14.95	15.32	15.71	16.45	16.34	16.22	16.36	15.48	15.58
1949	13.61	11.83	11.96	12.19	12.24	12.15	12.21	12.26	12.54	12.65	12.61	12.50	12.40
1950	12.09	12.31	12.25	12.32	12.25	12.30	12.32	12.30	12.29	12.50	12.78	13.04	12.40
1951	13.39	13.56	14.00	14.81	14.99	15.00	15.11	14.96	15.20	14.92	15.19	15.30	14.70

Roller process *													
Cents per pound													
1945	13.50	13.30	13.23	13.54	13.77	13.81	13.80	13.95	13.56	13.11	13.27	13.64	13.54
1946	13.96	13.94	13.97	14.02	14.12	13.92	14.45	14.00	14.33	14.26	14.25	13.99	14.10
1947	12.73	10.93	9.38	9.81	8.91	9.07	8.90	9.06	9.61	10.51	11.98	13.82	10.39
1948	14.29	14.37	13.91	13.56	13.64	14.07	14.32	14.62	14.67	14.78	14.81	14.12	14.26
1949	11.85	10.44	10.24	10.44	10.82	10.73	10.83	10.82	11.18	11.31	11.25	11.16	10.92
1950	10.58	10.41	10.42	10.37	10.34	10.34	10.23	10.40	10.59	10.92	11.16	11.53	10.61
1951	11.79	12.15	12.40	13.10	13.22	13.33	13.43	13.62	13.74	13.90	14.31	14.30	13.27

Total Nonfat Dry Milk Solids													
Cents per pound													
1942	13.13	13.06	12.79	12.69	12.57	12.63	12.69	12.87	13.11	13.26	13.16	13.37	12.94
1943	13.65	13.72	13.82	13.87	13.81	13.94	13.70	13.79	13.79	13.78	14.02	13.85	13.81
1944	14.02	14.05	14.48	14.52	14.55	14.40	14.39	14.21	14.36	14.21	13.93	13.94	14.26
1945	14.09	13.94	13.95	14.05	14.16	14.19	14.15	14.27	14.02	13.69	13.94	14.28	14.06
1946	14.42	14.42	14.45	14.44	14.51	14.33	14.60	14.45	14.71	14.63	14.71	14.50	14.51
1947	13.10	11.40	10.03	9.95	9.43	9.56	9.46	9.65	10.24	11.05	12.43	14.06	10.86
1948	14.61	14.93	14.75	14.34	14.39	14.79	15.13	15.80	15.70	15.75	15.87	15.11	15.10
1949	13.10	11.50	11.48	11.72	11.78	11.62	11.70	11.77	12.11	12.26	12.22	12.11	11.95
1950	11.68	11.84	11.73	11.76	11.61	11.71	11.72	11.77	11.86	12.09	12.44	12.72	11.91
1951	13.06	13.28	13.69	14.42	14.53	14.57	14.73	14.70	14.93	14.74	15.04	15.12	14.40

SKIM MILK (animal feed)													
Cents per pound													
1942	9.27	9.46	8.42	7.73	7.28	7.27	7.44	7.87	7.99	8.14	8.07	8.31	8.10
1943	8.91	8.39	8.41	8.58	8.62	8.89	9.23	8.79	8.63	8.97	8.72	8.80	8.74
1944	8.76	8.85	9.12	8.85	9.12	9.01	8.71	8.71	8.44	8.09	8.16	7.60	8.62
1945	8.07	7.89	7.91	8.16	8.19	8.06	8.29	8.38	8.47	9.15	8.99	9.17	8.39
1946	8.80	9.25	9.24	9.49	9.49	9.44	9.62	10.25	9.89	9.92	9.94	10.14	9.62
1947	9.62	8.12	7.68	7.65	7.18	7.11	6.73	7.06	7.39	7.92	8.57	9.18	7.85
1948	10.16	9.83	10.60	10.46	10.82	11.09	11.32	11.52	11.59	11.32	11.78	11.57	11.05
1949	9.83	9.08	9.11	8.74	8.64	8.57	8.62	8.35	8.65	8.31	8.12	8.43	8.70
1950	8.51	8.50	8.36	8.73	8.72	8.16	8.67	8.35	8.64	8.98	9.46	9.79	8.74
1951	10.04	10.26	10.55	10.54	10.63	10.40	10.63	10.43	10.56	10.77	10.77	11.10	10.56

* Not available prior to 1945.

Table 40.—Manufacturers' Selling Prices of Dry Whole Milk, United States, 1942-51

Year	1-2½ pound packages*												St. Av.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	Cents per pound												
1947	-	-	-	48.62	47.41	46.78	44.24	46.80	45.17	48.75	49.03	49.52	-
1948	49.78	51.02	53.95	52.43	55.50	55.51	54.96	57.50	58.58	55.63	44.34	50.57	53.31
1949	45.57	53.49	51.23	44.84	46.99	47.31	44.50	44.58	45.03	45.50	46.80	50.53	47.20
1950	46.71	43.33	43.09	43.84	43.00	42.34	43.87	42.82	43.10	43.98	46.52	45.24	43.99
1951	48.30	49.98	51.54	50.58	55.28	52.51	47.19	53.96	50.41	47.84	48.46	49.33	50.45
	5 pound packages*												
1947	-	-	-	41.79	41.50	40.65	39.67	39.46	42.57	42.24	43.54	44.19	-
1948	48.00	45.72	47.48	45.63	49.28	49.25	50.76	51.10	50.97	52.20	45.06	46.67	48.51
1949	43.61	44.72	43.50	45.09	45.09	41.89	39.06	41.72	41.07	42.56	45.16	44.87	43.20
1950	41.65	39.86	40.41	38.47	39.24	42.64	38.88	39.54	39.08	38.71	39.40	39.38	39.77
1951	41.52	43.35	45.10	43.69	45.05	46.92	43.14	45.49	48.20	43.71	45.91	44.20	44.69
	All other packages, including barrels and drums**												
1947	-	-	-	35.39	35.29	32.43	35.42	38.27	40.53	39.64	39.49	42.98	-
1948	42.93	42.83	41.46	43.03	43.00	44.05	44.41	46.20	43.84	41.33	41.20	41.89	43.01
1949	34.35	35.44	34.32	35.01	35.71	31.41	33.74	31.12	33.68	33.96	33.03	33.72	33.79
1950	34.41	34.04	32.71	32.23	32.49	32.80	32.78	33.55	34.50	35.51	35.57	37.11	33.96
1951	36.40	37.24	37.40	36.91	38.48	36.54	36.75	35.67	37.96	37.98	39.71	39.29	37.53
	Total whole milk												
1942	24.50	24.98	25.22	22.92	24.68	24.44	24.67	25.58	25.93	29.82	28.58	30.66	26.00
1943	31.10	33.55	32.28	32.71	32.63	32.91	31.66	33.54	33.51	32.77	33.08	33.35	32.76
1944	32.48	32.88	35.95	34.93	36.50	36.19	38.06	38.11	37.20	38.40	39.56	37.55	36.48
1945	37.03	37.12	37.53	37.69	37.63	38.17	38.96	38.81	38.43	37.13	36.92	35.96	37.62
1946	36.65	35.89	36.39	35.53	37.50	35.85	38.17	40.48	41.04	43.57	46.76	47.44	39.60
1947	44.36	41.90	41.77	41.45	41.13	36.49	38.90	39.96	41.81	42.14	41.99	44.97	41.41
1948	45.90	45.32	45.80	46.17	47.45	49.70	49.08	50.20	51.32	47.74	42.87	46.17	47.31
1949	41.06	42.27	41.58	40.46	41.55	39.55	38.85	39.61	38.22	38.58	40.20	41.12	40.25
1950	39.52	37.27	36.28	36.68	36.78	36.46	37.07	36.90	37.67	37.62	38.58	39.28	37.51
1951	41.37	43.97	45.07	43.18	45.69	45.54	42.12	44.07	43.59	43.23	45.31	46.19	44.15

* Not available prior to April 1947.

Table 41.—Manufacturers' Selling Prices of Dry Buttermilk, United States, 1942-51

Year	Human food												St. Av.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	Cents per pound												
1942	11.00	11.04	10.80	10.45	11.86	12.10	12.15	12.23	12.33	12.63	12.08	12.44	11.76
1943	13.02	13.04	13.20	12.95	14.30	12.69	12.93	12.93	12.84	12.81	13.79	13.75	13.19
1944	13.61	13.83	14.84	14.92	14.65	14.42	14.51	14.55	14.41	13.46	13.91	13.70	14.23
1945	14.03	13.22	13.80	13.42	13.27	13.39	13.28	13.86	13.62	13.13	13.74	14.33	13.59
1946	14.23	13.58	13.97	14.03	13.79	13.81	14.15	14.17	14.31	14.86	14.47	14.22	14.13
1947	13.14	10.65	9.99	9.45	9.53	9.33	9.65	9.47	9.99	11.19	12.25	13.92	10.71
1948	14.17	15.04	15.28	13.71	14.23	14.52	15.46	16.26	16.19	16.14	16.27	15.71	15.27
1949	13.16	11.10	10.23	10.59	10.22	9.69	10.42	9.85	10.78	10.75	10.80	10.99	10.72
1950	11.33	11.29	11.20	11.58	10.80	11.34	10.55	11.28	11.80	12.67	12.56	12.74	11.60
1951	13.07	12.94	11.89	13.58	13.70	14.05	13.54	13.61	13.80	14.10	13.56	13.91	13.50
	Animal Feed												
1942	9.00	9.49	8.83	8.15	7.60	7.65	7.53	7.81	7.85	8.33	8.07	8.24	8.21
1943	8.28	8.28	8.27	8.53	8.83	8.83	8.97	8.68	9.23	8.61	8.73	8.59	8.65
1944	8.81	8.59	8.55	8.53	8.53	8.63	8.44	8.43	8.37	8.06	7.79	7.77	8.38
1945	7.83	7.68	7.77	7.83	7.90	7.92	8.16	8.33	8.59	8.57	8.59	8.80	8.16
1946	8.79	9.16	9.01	8.91	9.00	8.48	9.11	9.40	9.82	9.39	9.62	9.18	9.16
1947	8.87	8.51	8.01	7.64	7.03	7.63	7.78	7.60	7.70	7.98	8.64	9.16	8.05
1948	9.89	10.14	10.45	10.34	10.63	10.56	10.84	11.08	11.07	11.25	10.98	10.72	10.66
1949	10.42	9.42	8.58	8.48	8.21	7.95	8.11	7.75	7.95	7.95	8.06	7.98	8.40
1950	7.98	8.17	9.04	8.09	8.38	8.12	8.09	8.29	8.60	9.14	9.43	9.81	8.60
1951	10.00	10.15	10.08	10.21	10.19	10.16	10.14	10.15	10.38	10.48	10.48	10.86	10.27
	Total buttermilk												
1942	9.82	10.03	9.50	9.03	8.94	9.09	9.70	9.72	9.85	9.99	9.95	9.97	9.63
1943	10.31	11.02	10.95	10.59	11.40	10.59	10.88	10.76	10.89	10.26	11.70	11.00	10.86
1944	11.10	10.57	11.81	12.01	11.82	11.65	11.63	11.10	10.94	10.28	10.77	10.81	11.21
1945	10.44	10.12	10.10	9.83	9.66	9.77	10.11	10.44	10.67	10.89	11.52	12.02	10.46
1946	11.82	11.14	11.35	11.11	10.74	10.59	11.09	11.65	12.05	12.01	12.55	11.85	11.50
1947	11.12	9.56	8.86	8.48	8.13	8.39	8.62	8.50	8.88	9.59	10.91	11.72	9.40
1948	12.31	12.83	12.78	11.79	12.57	12.95	13.32	13.67	13.33	13.84	13.73	12.78	12.99
1949	11.90	10.36	9.44	9.36	8.92	8.70	9.37	8.74	9.40	9.09	9.36	9.57	9.52
1950	9.59	9.64	9.93	9.50	9.33	9.30	9.26	9.72	10.08	10.80	10.95	11.28	9.95
1951	11.48	11.61	13.83	11.70	11.69	11.45	11.32	11.00	11.81	12.20	12.09	12.16	11.86

FLUID MILK AND CREAM MARKET STATISTICS

The United States dealers' average buying price for Class I milk of 3.5 percent butterfat content in 1951 was higher than in 1949 and 1950, but at \$5.14 per hundredweight was just under the 1948 record annual high of \$5.17 for this series. The monthly average price during 1951 was consistently higher than a year earlier. The margin of increase over the same month a year earlier rose from 34 cents per hundredweight in January to a high of 70 cents in May, and then declined slowly until it was 55 cents in December. A further drop in this margin occurred in January 1952, reducing it to 44 cents above the level of January 1951. Also of interest during 1951 was the rise in the monthly average of milk dealers' buying prices to \$5.43 per hundredweight in December, a new high level. The previous high was \$5.32 in September 1948.

All regions shared in the increase in the United States milk dealers' average buying price from \$4.57 per hundredweight in 1950 to \$5.14 in 1951. Regional increases during 1951 ranged from 33 cents per hundredweight in the Mountain States to 72 cents in the West South Central division. However, during the last three months of 1951 and in January 1952 the three Atlantic Coast regions and the Mountain region were reporting average increases from a year earlier which were smaller than the average increase for the United States.

(Continued on page 23)

Table 42.- Milk Dealers' Average Buying Prices, by Geographic Divisions, for Standard Grade Milk Used for City Distribution as Milk and Cream, 1920-51
(Per hundredweight of 3.5% milk f.o.b. local shipping points or country plants)

Year	New England	Middle Atlantic	E.N. Central	W.N. Central	South Atlantic	E.S. Central	W.S. Central	Mountain	Pacific	U.S.
Dollars										
1920	4.10	3.46	3.35	3.30	4.35	3.42	4.28	3.10	3.61	3.54
1921	3.45	2.76	2.34	2.34	3.53	2.53	2.94	2.41	2.85	2.69
1922	3.02	2.45	1.94	1.92	3.07	1.94	2.28	2.02	2.41	2.31
1923	3.30	2.79	2.53	2.35	3.34	2.42	2.70	2.37	2.76	2.71
1924	3.12	2.54	2.49	2.19	3.50	2.73	2.56	2.36	2.70	2.63
1925	3.32	2.70	2.49	2.18	3.46	2.50	2.59	2.45	2.71	2.69
1926	3.38	2.70	2.51	2.21	3.80	2.47	2.63	2.40	2.69	2.76
1927	3.52	2.86	2.54	2.25	3.55	2.47	2.38	2.39	2.61	2.73
1928	3.62	2.89	2.54	2.32	3.50	2.58	2.46	2.41	2.52	2.78
1929	3.71	3.02	2.57	2.35	3.46	2.46	2.49	2.44	2.52	2.82
1930	3.69	2.94	2.47	2.20	3.28	2.35	2.34	2.25	2.40	2.69
1931	2.79	2.37	1.96	1.84	2.76	2.03	1.79	2.09	2.05	2.20
1932	2.26	1.71	1.48	1.49	2.23	1.58	1.43	1.76	1.72	1.72
1933	2.23	1.76	1.35	1.27	2.11	1.51	1.32	1.51	1.55	1.60
1934	2.58	2.19	1.65	1.57	2.36	1.84	1.68	1.63	1.69	1.89
1935	2.74	2.31	1.79	1.78	2.46	1.92	1.97	1.78	1.78	2.05
1936	2.66	2.42	1.91	1.86	2.55	2.05	1.96	1.85	1.88	2.13
1937	2.76	2.65	2.14	2.04	2.78	2.24	2.07	2.06	2.05	2.32
1938	2.81	2.54	2.06	1.95	2.79	2.09	2.00	1.98	1.95	2.26
1939	2.80	2.40	1.91	1.84	2.73	2.03	1.97	1.85	1.91	2.17
1940	2.82	2.56	1.96	1.87	2.74	2.13	1.92	1.82	1.93	2.21
1941	3.00	2.72	2.21	2.01	2.90	2.34	2.09	1.93	2.20	2.40
1942	3.42	3.13	2.54	2.33	3.23	2.87	2.66	2.25	2.70	2.79
1943	3.68	3.37	2.93	2.73	3.58	3.29	3.22	2.66	3.10	3.16
1944	3.74	3.42	3.02	2.80	3.73	3.40	3.31	2.87	3.13	3.24
1945	3.75	3.43	3.04	2.81	3.77	3.44	3.32	2.89	3.14	3.26
1946	4.56	4.14	3.63	3.48	4.45	4.03	3.90	3.51	3.78	3.92
1947	5.32	4.95	4.19	4.08	5.37	4.80	4.81	4.37	4.66	4.71
1948	5.96	5.42	4.72	4.58	5.71	5.23	5.32	4.69	4.91	5.17
1949	5.64	5.16	3.93	3.88	5.63	4.64	5.18	4.74	4.60	4.76
1950	5.30	4.89	3.79	3.77	5.52	4.47	5.01	4.65	4.29	4.57
1951	5.79	5.50	4.49	4.34	5.94	5.06	5.73	4.98	4.93	5.14

Table 43.-Milk dealers' average buying prices for standard grade milk used for city distribution as milk and cream, United States, by months, 1923-51
(Per hundredweight of 3.5% milk f.o.b. local shipping points or country plants)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
D o l l a r s													
1923	2.74	2.70	2.67	2.61	2.55	2.53	2.59	2.70	2.76	2.84	2.90	2.88	2.71
1924	2.84	2.76	2.72	2.66	2.54	2.45	2.47	2.50	2.65	2.67	2.70	2.65	2.63
1925	2.70	2.72	2.68	2.64	2.56	2.49	2.57	2.64	2.72	2.78	2.83	2.90	2.69
1926	2.87	2.83	2.82	2.77	2.68	2.63	2.66	2.70	2.72	2.76	2.79	2.85	2.76
1927	2.86	2.79	2.73	2.71	2.67	2.63	2.64	2.70	2.70	2.77	2.79	2.82	2.73
1928	2.84	2.84	2.80	2.74	2.68	2.66	2.68	2.75	2.78	2.83	2.88	2.90	2.78
1929	2.89	2.89	2.84	2.78	2.76	2.70	2.77	2.78	2.84	2.85	2.88	2.88	2.82
1930	2.81	2.78	2.77	2.72	2.65	2.61	2.60	2.63	2.71	2.70	2.68	2.62	2.69
1931	2.47	2.37	2.33	2.25	2.16	2.15	2.14	2.18	2.16	2.14	2.10	2.00	2.20
1932	1.96	1.88	1.80	1.76	1.71	1.68	1.63	1.64	1.67	1.68	1.64	1.57	1.72
1933	1.55	1.50	1.46	1.47	1.45	1.49	1.57	1.67	1.72	1.77	1.79	1.80	1.60
1934	1.81	1.80	1.79	1.81	1.81	1.82	1.86	1.91	1.97	2.02	2.03	2.04	1.89
1935	2.05	2.07	2.09	2.07	2.07	2.06	2.04	2.03	2.03	2.03	2.03	2.03	2.05
1936	2.04	2.05	2.04	2.03	2.02	2.01	2.06	2.20	2.26	2.28	2.29	2.31	2.13
1937	2.32	2.33	2.33	2.31	2.29	2.28	2.30	2.31	2.32	2.32	2.34	2.35	2.32
1938	2.35	2.32	2.31	2.29	2.26	2.23	2.23	2.22	2.22	2.23	2.23	2.23	2.26
1939	2.23	2.21	2.20	2.15	2.11	2.10	2.10	2.12	2.15	2.19	2.22	2.25	2.17
1940	2.25	2.25	2.25	2.23	2.18	2.18	2.18	2.18	2.18	2.20	2.21	2.24	2.21
1941	2.26	2.26	2.26	2.27	2.27	2.29	2.32	2.40	2.49	2.60	2.66	2.70	2.40
1942	2.73	2.74	2.75	2.75	2.75	2.75	2.75	2.76	2.82	2.85	2.93	2.95	2.79
1943	3.00	3.07	3.09	3.14	3.16	3.18	3.19	3.20	3.22	3.23	3.23	3.23	3.16
1944	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.25	3.25	3.26	3.26	3.24
1945	3.26	3.26	3.26	3.25	3.25	3.25	3.25	3.25	3.26	3.26	3.27	3.27	3.26
1946	3.27	3.27	3.29	3.30	3.32	3.47	4.00	4.21	4.43	4.62	4.87	4.96	3.92
1947	4.94	4.74	4.68	4.61	4.46	4.41	4.49	4.60	4.71	4.87	4.97	5.02	4.71
1948	5.09	5.10	5.09	5.07	5.03	5.04	5.16	5.29	5.32	5.30	5.27	5.25	5.17
1949	5.13	5.04	4.89	4.67	4.58	4.56	4.61	4.66	4.71	4.74	4.75	4.75	4.76
1950	4.65	4.63	4.57	4.36	4.31	4.29	4.39	4.52	4.62	4.79	4.84	4.88	4.57
1951	*4.99	*5.07	*5.09	5.05	*5.01	4.98	5.05	*5.12	5.20	*5.30	*5.38	*5.43	5.14

* Revised

Table 44.-Milk dealers' average buying prices for standard grade milk used for city distribution as milk and cream, by geographic divisions, 1951
(Per hundredweight of 3.5% milk f.o.b. local shipping points or country plants)

Div.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
D o l l a r s													
N.E.	5.64	5.67	5.66	5.64	5.64	5.52	*5.66	5.79	5.80	6.13	6.14	6.13	5.79
M.A.	5.37	*5.37	5.37	*5.35	*5.40	5.39	5.49	5.57	*5.64	*5.68	*5.69	5.70	5.50
E.N.C.	*4.24	*4.44	*4.51	4.49	4.34	4.29	*4.45	*4.49	4.53	*4.58	*4.72	*4.77	4.49
W.N.C.	4.22	4.33	4.32	4.24	4.16	4.17	4.22	4.26	4.40	4.44	*4.60	4.71	4.34
S.A.	5.91	5.92	5.92	5.90	5.89	5.89	5.89	5.89	5.91	6.00	*6.04	6.10	5.94
E.S.C.	*4.90	*5.04	*5.08	4.90	*4.88	*4.79	*4.80	4.95	*5.03	*5.31	*5.51	*5.56	5.06
W.S.C.	5.52	5.58	5.63	5.60	5.56	5.54	5.63	5.75	5.91	5.95	6.03	6.06	5.73
Mount.	4.90	4.93	4.92	4.92	4.92	4.88	4.92	4.92	4.97	5.09	5.20	5.20	4.98
Pac.	4.72	4.78	4.78	4.78	4.78	4.79	4.78	5.01	5.16	5.16	5.17	5.19	4.93

* Revised

(Continued from page 27)

Retail prices for standard grade milk, delivered to homes in 25 major cities in 1951 averaged 22.0 cents per quart. This is 2.1 cents per quart higher than in 1950 and 3.6 cents higher than the 1945-49 average for these same cities. In January 1951, the average retail price for this sample stood at 21.4 cents per quart; 1.4 cents more than in January 1950. This margin increased to 2.6 cents per quart in May and June but has since declined. In January 1952, the margin over a year earlier was 1.6 cents per quart and the average price was 23.0 cents per quart, which like the Class I price is a record high for the series.

Table 49 shows average daily sales of fluid whole milk, butterfat in fluid cream, and skim milk items in 20 Federal Order markets during 1949, 1950, and 1951.

Combined average daily sales of fluid whole milk in the 20 markets during 1951 were 2.0 percent larger than in 1950. This was a slightly greater percentage increase than indicated between 1949 and 1950 for the same group of markets. The increase in average daily sales in 1951 over 1950 was seven-tenths of 1 percent for 8 of these 20 markets (footnote 5, Table 49) for which no significant quantities of out-of-area sales were included. The 8-market group is a small sample of the total group but the difference in the percentage sales gain seems to indicate that out-of-area sales showed a larger gain than in-area sales over the past year.

Combined average daily sales of butterfat in fluid cream in 19 Federal Order markets (excluding Boston) in 1951 were 4 percent smaller than in 1950. This was in contrast to a three-tenths of 1 percent gain in 1950 over 1949 for this same group of markets. A group of 7 of these 19 markets for which in-area sales could be segregated showed a decline of 2.5 percent in sales during 1951 as compared to 1950.

Combined average daily sales of skim milk items in 19 Federal Order areas (excluding New York) in 1951 were 9.3 percent greater than in 1950. This same group of markets indicated a gain of 8.2 percent in 1950 over 1949. For 7 of these 19 markets (footnote 5, Table 49) for which in-area sales are available, sales increased about 3.5 percent during 1951 over 1950 as against the 9.5 percent gain for the entire sample of 19 markets.

Table 43 shows aggregate sales of butterfat in the form of fluid whole milk and fluid cream in 18 Federal Order Markets for each of the years 1948, 1949, and 1950. 1951 data are not yet available. Sales of butterfat in fluid cream (and milk and cream mixtures) were combined with sales of butterfat in fluid whole milk and the ratio of annual sales of butterfat in cream to total butterfat was determined for each marketing area. Similar comparisons on a product weight or volume basis would be confusing because of variation among markets in the butterfat test of all items which make up the cream class, viz. items testing from 6 percent to 40 percent butterfat.

The weighted average ratio for these 18 markets shows a decline from 1948 to 1949 and from 1949 to 1950. The individual market ratios indicate a decline for most markets from 1948 to 1949. Some small increases appear, however, from 1949 to 1950 for Boston, Cleveland, and Fort Wayne, areas for which in-area sales have been segregated to a significant degree. Considerable variation is indicated in the ratios among marketing areas. The northernmost markets show the highest ratios of fluid cream sales to total whole milk and cream sales, with Minneapolis-St. Paul, Boston, and Chicago leading in that order in 1950. The lowest ratios appear in the southern markets, New Orleans, Louisville, and Nashville. The ratios for those 8 markets for which in-area sales are not available for all three years should be interpreted with reservations. Data for these areas have been included in the table because they are of interest to many readers in their present form.

The New York City market was not included in this table because data for that market excludes substantial quantities of storage cream used for fluid (sour) cream purposes. The ratios for this marketing area estimated on this incomplete basis are: for 1948, 16.1 percent; 1949, 15.9 percent, and 1950, 17.1 percent.

Table 45.- Average retail prices of milk delivered to homes in 25 cities 1/

Yearly, 1927 - 1951

(Cents per single quart)

City	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Boston, Mass.	14.7	15.2	15.4	15.2	12.8	10.5	11.1	11.3	12.4	12.5	12.5	13.0	13.3	13.2	13.7	15.0	15.7	15.0	16.0	13.2	20.2	22.5	22.2	21.6	23.0
Hartford, Conn.	16.0	16.0	15.3	16.0	14.3	12.5	12.4	14.0	13.2	13.3	14.0	14.0	14.0	14.0	14.8	16.0	16.0	16.0	16.0	18.1	20.2	22.1	22.7	21.1	23.8
New York, N. Y.	15.3	15.6	16.0	15.7	14.7	11.9	11.1	12.6	13.0	13.0	12.6	13.1	13.4	14.8	15.7	16.9	17.1	17.0	17.0	19.5	21.1	24.0	23.0	20.9	24.0
Philadelphia, Pa.	13.0	13.0	13.3	13.0	11.7	10.0	9.9	11.0	11.0	11.2	12.0	12.0	12.0	12.0	12.4	14.0	14.0	14.0	16.7	19.1	20.8	20.5	20.1	22.5	
Baltimore, Md.	14.0	14.0	14.0	14.0	12.5	11.3	10.7	11.0	12.0	12.1	13.0	13.0	12.8	11.8	13.2	14.0	14.0	14.0	16.5	19.0	20.7	20.6	20.6	22.7	
Washington, D.C.	15.0	14.9	14.5	14.5	14.1	13.3	13.0	13.0	13.0	13.2	14.0	14.0	14.0	14.0	14.3	15.0	15.0	15.0	17.2	19.8	20.8	20.2	20.7	22.7	
Jacksonville, Fla.	19.2	18.6	18.6	18.7	15.8	12.8	13.4	14.2	15.0	15.1	16.0	15.0	16.0	16.0	16.3	18.0	18.4	19.0	19.0	20.6	22.3	25.8	25.2	24.7	26.0
Pittsburgh, Pa.	14.5	14.0	14.2	13.3	11.7	9.0	9.2	10.4	11.0	11.4	13.0	13.0	11.7	12.5	13.4	14.0	15.5	15.5	15.5	17.6	19.7	20.8	20.9	20.0	22.1
Cleveland, O.	14.2	13.9	12.5	12.1	10.4	8.7	8.9	10.5	10.2	11.2	12.0	11.3	10.5	11.1	12.6	14.0	14.9	15.0	15.0	17.1	17.7	20.2	17.8	17.8	20.8
Detroit, Mich.	13.9	14.0	14.0	13.1	11.6	9.2	9.3	10.5	11.9	12.0	12.8	11.8	10.1	11.0	11.9	14.0	14.9	15.0	15.0	16.5	18.3	20.0	18.8	18.5	21.5
Chicago, Ill.	14.0	14.0	14.0	14.0	13.0	11.2	9.8	9.6	10.7	11.5	12.4	12.4	11.8	13.0	14.0	15.4	15.5	16.5	16.5	18.9	21.0	22.5	21.1	21.3	23.6
Milwaukee, Wis.	11.0	11.0	11.2	11.4	9.9	8.3	8.4	9.4	10.0	10.9	12.0	12.0	10.9	11.0	12.0	11.8	12.8	13.0	13.0	15.1	16.8	19.4	17.0	16.6	19.2
Minneapolis, Minn.	11.2	12.0	12.0	11.0	9.9	8.1	7.1	9.2	10.0	10.5	11.0	11.0	11.1	10.5	12.1	12.2	13.0	13.0	13.0	15.1	18.2	19.9	18.1	17.5	19.8
Indianapolis, Ind.	12.0	12.1	12.3	12.0	10.2	9.4	8.7	9.1	10.0	11.4	12.0	12.0	11.5	11.4	12.6	14.0	14.0	14.0	15.8	17.9	20.0	18.7	18.9	21.2	
Kansas City, Mo.	13.0	13.4	13.5	13.2	12.2	10.2	10.0	11.1	11.5	11.8	13.0	13.0	13.0	11.7	12.2	13.0	14.7	15.0	15.0	16.8	18.0	20.1	16.8	18.7	21.2
Omaha, Nebr.	10.6	10.6	11.0	11.0	10.0	8.5	8.2	9.5	10.0	10.5	11.2	10.8	10.3	11.0	11.3	12.9	13.0	13.0	13.0	15.5	17.5	19.3	18.8	13.7	20.3
Louisville, Ky.	12.5	12.6	13.0	12.4	11.3	10.0	10.3	11.2	11.8	12.9	13.7	13.3	12.7	12.8	14.1	15.0	15.8	16.0	16.0	18.0	19.8	21.7	20.8	21.2	23.3
New Orleans, La.	14.0	14.0	14.0	14.0	12.7	10.7	11.0	10.5	11.0	11.6	12.2	12.0	12.2	13.0	14.2	15.5	15.4	15.5	15.5	17.7	20.6	22.4	22.5	23.1	24.1
Dallas, Tex.	12.4	12.3	13.0	13.0	10.9	9.4	9.2	10.2	11.0	11.0	11.0	11.0	10.8	11.0	11.8	14.0	14.8	15.0	15.0	16.8	19.2	21.5	21.2	20.3	23.0
Denver, Colo.	12.0	12.0	12.0	11.2	10.0	10.0	10.0	10.2	11.0	11.0	11.3	12.0	11.8	12.0	12.2	13.0	13.0	13.0	13.5	15.5	18.2	19.5	20.0	20.3	22.1
Salt Lake City, Utah	10.4	10.0	10.0	10.0	10.0	9.0	9.4	10.0	10.1	10.6	11.0	10.6	10.7	10.0	10.4	12.2	13.0	13.0	13.0	14.8	17.1	18.5	19.0	18.8	20.2
Seattle, Wash.	12.0	11.8	12.2	11.1	10.7	9.5	10.1	10.2	9.8	10.3	11.0	10.4	10.3	11.0	11.9	14.0	14.0	14.0	14.0	16.1	19.3	20.0	18.6	18.4	20.3
Portland, Ore.	12.0	12.0	12.0	11.7	10.3	9.1	9.0	10.2	10.5	11.1	12.0	11.3	11.0	11.0	12.2	14.0	14.0	14.0	15.7	17.8	19.6	20.0	19.6	21.9	
San Francisco, Calif.	14.0	14.0	14.0	14.0	11.8	12.0	11.3	12.0	12.1	13.0	13.0	13.0	12.3	12.2	13.6	14.8	15.5	15.5	15.5	17.1	18.7	20.2	19.8	19.1	20.7
Los Angeles, Calif.	15.0	15.0	15.0	14.6	12.8	10.6	10.7	10.9	11.2	10.9	12.0	11.8	11.5	11.6	12.3	13.5	14.5	14.5	14.5	16.2	18.3	19.9	19.9	19.0	20.7
AVERAGE	13.4	13.4	13.5	13.2	11.8	10.2	10.1	10.9	11.3	11.8	12.4	12.3	12.0	12.1	13.0	14.2	14.3	14.9	14.9	16.9	19.0	20.9	20.2	19.9	23.0

1/ Selling prices are for that quality of milk commonly sold in specified markets.

Table 46.- Average retail price of milk delivered at homes of consumers in 25 cities, by months, 1931-51 1/2

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
	Cents per single quart												
1931	12.6	12.4	12.3	12.0	11.9	11.7	11.6	11.7	11.6	11.5	11.5	11.1	11.8
1932	11.0	10.9	10.6	10.4	10.0	10.1	9.9	9.9	10.0	10.0	9.9	9.8	10.2
1933	9.7	9.7	9.5	9.6	9.4	9.8	10.1	10.5	10.6	10.6	10.7	10.8	10.1
1934	10.7	10.6	10.6	10.5	10.6	10.7	10.8	10.9	11.0	11.3	11.3	11.4	10.9
1935	11.5	11.4	11.5	11.4	11.4	11.4	11.3	11.2	11.2	11.2	11.2	11.3	11.3
1936	11.4	11.5	11.4	11.4	11.4	11.4	11.6	12.0	12.1	12.2	12.3	12.4	11.8
1937	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.4	12.5	12.6	12.6	12.6	12.4
1938	12.5	12.5	12.5	12.5	12.4	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3
1939	12.2	12.1	12.0	11.8	11.7	11.7	11.7	11.8	12.0	12.2	12.3	12.4	12.0
1940	12.3	12.4	12.4	12.2	12.0	12.1	12.0	12.0	12.0	12.1	12.0	12.2	12.1
1941	12.3	12.3	12.4	12.5	12.5	12.6	12.8	13.2	13.6	13.7	13.9	14.1	13.0
1942	14.2	14.2	14.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.3	14.4	14.2
1943	14.5	14.6	14.6	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.8
1944	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
1945	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
1946	14.9	14.9	14.9	14.9	15.0	15.7	17.9	18.3	18.5	19.1	19.3	19.5	16.9
1947	19.4	18.9	18.8	18.7	18.4	18.2	18.5	18.7	19.2	19.4	20.0	20.1	19.0
1948	20.4	20.5	20.6	20.6	20.4	20.5	20.8	21.3	21.6	21.6	21.6	21.4	20.9
1949	21.1	21.0	20.6	20.0	19.9	19.9	19.9	20.0	20.0	20.2	20.2	20.1	20.2
1950	20.0	19.9	19.7	19.3	19.2	19.2	19.4	19.8	20.0	20.6	20.8	20.9	19.9
1951	21.4	21.6	21.7	21.8	21.8	21.8	21.9	22.1	22.2	22.4	22.7	22.8	22.0

1/2 Selling prices for that quality of milk most commonly sold in markets specified below.

Table 47.-Prevaling retail price of milk delivered at homes of consumers by individual markets, 1951 1/2 (Cents per single quart)

City	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
Boston, Mass	22	22	22	22	22	22	22	23	23	23	24	24	23.0
Hartford, Conn.	22	24	24	24	24	23	23	24	24	24	24	24	23.8
New York, N. Y.	24	24	24	24	23	23	24	24	24	24	25	25	24.0
Philadelphia, Pa.	22	22	22	22	22	22	22	22	22	23	23	23	22.5
Pittsburgh, Pa.	21	21	21	21	22	22	22	23	23	23	23	23	22.1
Baltimore, Md.	22	22	22	22	22	22	22	22	22	23	23	23	22.7
Washington, D. C.	22	22	22	22	22	22	22	22	22	23	23	23	22.7
Jacksonville, Fla.	26	26	26	26	26	26	26	26	26	26	26	26	26.0
Cleveland, Ohio	20	20	21	21	21	21	21	21	21	21	21	21	20.8
Indianapolis, Ind.	21	21	21	21	21	21	21	21	21	21	22	22	21.2
Chicago, Ill.	22	23	23	23	23	23	23	24	24	24	24	24	23.6
Detroit, Mich.	20	21	21	21	21	21	21	21	21	21	22	22	21.5
Milwaukee, Wis.	19	19	19	19	19	19	19	19	19	19	19	20	19.2
Minneapolis, Minn.	19	19	19	20	20	20	20	20	20	20	20	20	19.8
Kansas City, Mo.	21	21	21	21	21	21	21	21	21	21	22	22	21.2
Omaha, Nebr.	20	20	20	20	20	20	20	20	20	20	20	21	20.3
Louisville, Ky.	23	23	23	23	23	23	23	23	23	24	24	24	23.3
New Orleans, La.	24	24	24	24	24	24	24	24	24	24	24	25	24.1
Dallas, Texas	22	22	22	22	22	22	22	23	25	24	24	24	23.0
Denver, Colo.	21	21	22	22	22	22	22	22	22	23	23	23	22.1
Salt Lake City, Utah	20	20	20	20	20	20	20	20	20	20	21	21	20.2
Seattle, Wash.	20	20	20	20	20	20	20	20	21	21	21	21	20.3
Portland, Oreg.	20	22	22	22	22	22	22	22	22	22	22	22	21.9
San Francisco, Calif.	20	20	20	20	20	20	20	21	21	21	21	21	20.7
Los Angeles, Calif.	20	20	20	20	20	20	20	21	21	21	21	21	20.7

1/2 The prices listed are the latest reported to the Bureau up to and including the tenth of the month.

Table 48.-Ratio of fluid cream sales to total sales of fluid whole milk and cream expressed in butterfat terms in 18 Federal Order Markets, 1948, 1949, and 1950

Market	1948						1949						1950						
	Butter-		Ratio of		Total		Butter-		Ratio of		Total		Butter-		Ratio of		Total		
	fat in	fluid	fat in	cream	fat in	cream	fat in	fluid	fat in	cream	fat in	cream	fat in	fluid	fat in	cream	fat in	fluid	
Boston, Mass.	8,564	26,884	35,448	24.2	8,123	26,891	35,014	23.2	8,102	26,441	34,543	23.5	18,711	61,856	80,567	23.2	1,127	7,577	8,704
Chicago, Ill.	19,384	57,384	76,768	25.3	18,818	59,738	78,556	24.0	18,711	61,856	80,567	23.2	3,649	15,830	19,479	18.7	943	5,188	6,131
Cincinnati, Ohio	1,188	7,346	8,534	13.9	1,163	7,457	8,620	13.5	1,127	7,577	8,704	12.9	1,394	7,293	8,687	16.0	591	5,884	6,475
Cleveland, Ohio	3,355	14,770	18,125	18.5	3,303	15,222	18,525	17.8	3,649	15,830	19,479	18.7	4,393	12,668	17,061	25.7	341	3,082	3,423
Columbus, Ohio	917	4,923	5,840	15.7	941	5,042	5,983	15.7	943	5,188	6,131	15.4	573	5,961	6,534	10.0	856	5,703	6,559
Dayton-Springfield, Ohio	872	5,407	6,279	13.9	863	5,485	6,348	13.6	856	5,703	6,559	13.1	856	5,703	6,559	13.1	257	1,590	1,847
Fort Wayne, Ind.	251	1,530	1,781	14.1	248	1,554	1,802	13.8	257	1,590	1,847	13.9	1,394	7,293	8,687	16.0	1,394	7,293	8,687
Kansas City, Mo.-Kans.	1,398	6,535	7,933	17.6	1,394	6,860	8,254	16.9	1,394	7,293	8,687	16.0	4,393	12,668	17,061	25.7	591	5,884	6,475
Louisville, Ky.	623	5,473	6,096	10.2	592	5,610	6,202	9.5	591	5,884	6,475	9.1	4,393	12,668	17,061	25.7	341	3,082	3,423
Minneapolis-St.Paul, Minn.	4,364	12,254	16,618	26.3	4,387	12,490	16,877	26.0	4,393	12,668	17,061	25.7	573	5,961	6,534	10.0	573	5,961	6,534
Nashville, Tenn.	352	2,557	2,909	12.1	358	2,751	3,109	11.5	341	3,082	3,423	10.0	856	5,961	6,534	10.0	856	5,961	6,534
New Orleans, La.	614	5,508	6,122	10.0	575	5,827	6,402	9.0	573	5,961	6,534	10.0	856	5,961	6,534	10.0	856	5,961	6,534
Omaha-Council Bluffs, Neb.-Ia.	836	3,057	3,893	21.5	865	3,100	3,965	21.8	856	5,961	6,534	10.0	5,472	30,291	35,763	15.3	5,472	30,291	35,763
Philadelphia, Pa.	5,038	30,190	35,228	14.3	5,326	29,775	35,101	15.2	5,472	30,291	35,763	15.3	2,397	12,135	14,532	16.5	2,397	12,135	14,532
St. Louis, Mo.	2,201	11,090	13,291	16.6	2,325	11,337	13,662	17.0	2,397	12,135	14,532	16.5	1,121	4,523	5,644	15.9	1,121	4,523	5,644
Toledo, Ohio	1,193	4,256	5,449	21.9	1,111	4,369	5,480	20.3	1,121	4,523	5,644	15.9	170	900	1,070	15.9	170	900	1,070
Topeka, Kansas	168	820	988	17.0	180	881	1,061	17.0	170	900	1,070	15.9	431	1,737	2,168	19.9	431	1,737	2,168
Wichita, Kansas	411	1,493	1,904	21.6	423	1,630	2,053	20.6	431	1,737	2,168	19.9	51,384	211,931	263,315	19.5	51,384	211,931	263,315
Total	51,729	201,477	253,206	20.4	50,995	206,019	257,014	19.8	51,384	211,931	263,315	19.5							

1/ Includes sweet and sour cream and milk and cream mixtures containing 6 percent butterfat or more.
 2/ Sales data are not segregated by handlers in terms of inside or outside the "Marketing Area". The sales data as shown here represent total route sales by Chicago and Suburban Chicago Handlers.
 3/ Total sales, both in and outside marketing area. In-area sales are not yet available for all three years in these markets.
 4/ Excludes bulk interhandler sales outside the marketing area but includes distributors' route sales outside the marketing area.

Compiled from reports of Federal Milk Market Administrators, through the cooperation of the Research Division, Dairy Branch, F. & M. A.

Table 18.—Average Daily Sales of Fluid Whole Milk, Skim Milk Items and Butterfat in Fluid Cream, in Certain Marketing Areas ^{1/} under Federal Orders for 1949, 1950, and 1951

Marketing Area	Whole milk			Butterfat in fluid cream ^{2/}			Skim milk items ^{3/}		
	1949	1950	1951 ^{4/}	1949	1950	1951 ^{4/}	1949	1950	1951 ^{4/}
Boston, Mass. ^{5/}	1,889	12/1,867	1,864	22.3	1000 lb. 22.1/available	Not available	37.1	12/47.0	46.9
Chicago, Ill. ^{6/}	4,593	12/4,716	4,845	50.7	12/50.5	46.9	259.3	12/279.4	320.1
Cincinnati, Ohio	467	12/475	499	10/3.2	10/2.8	2.7	53.7	12/55.8	62.3
Cleveland, Ohio	1,153	1,190	1,239	9.1	10.1	9.8	87.0	93.4	102.1
Columbus, Ohio	366	376	396	2.5	2.5	2.4	25.6	27.7	31.3
Dayton-Springfield, Ohio	391	405	432	2.4	2.4	2.3	31.9	37.2	41.7
Fort Wayne, Ind. ^{5/}	115	119	125	.7	.7	.7	7.8	9.3	10.8
Kansas City, Mo. ^{5/}	522	12/551	560	3.8	12/3.7	3.4	47.6	12/53.3	55.7
Louisville, Ky.	407	428	458	1.6	1.7	1.6	38.5	38.0	41.6
Minneapolis-St. Paul, Minn.	933	12/980	1,004	12.0	12.0	11.7	54.0	12/59.6	66.6
Nashville, Tenn.	204	228	246	1.0	.9	1.0	50.0	54.5	56.5
New Orleans, La. ^{5/}	412	428	430	1.5	1.5	1.5	16.5	12/20.5	25.3
New York, N. Y. ^{5/}	7/8,335	7/8,394	7/8,440	8/62.1	8/63.7	8/62.5	9/	9/	9/
Omaha-Council Bluffs, Neb. ^{5/}	236	12/242	249	2.4	2.3	2.2	16.8	12/19.7	22.7
Philadelphia, Pa.	1,915	5/1,916	5/1,915	13.4	5/12/11.7	5/11.5	108.1	12/5/107.9	5/106.7
St. Louis, Mo.	819	12/5/861	13/884	5.2	5/12/6.3	5/5.9	73.9	12/5/75.5	5/76.7
South Bend-La Porte, Ind.	170	177	187	1.2	1.2	1.1	14.1	12/15.3	14.8
Toledo, Ohio	332	344	373	3.0	3.1	3.0	31.7	35.5	40.4
Topeka, Kans.	73	12/71	76	.5	.5	.5	3.9	4.3	5.4
Wichita, Kans.	131	140	158	1.2	1.2	1.2	9.3	12/12.8	16.8
Total	23,468	12/23,908	24,379	11/178.4	11/178.9	172.0	967.3	12/1,046.5	1,144.2

* Computed from unrounded figures.

- 1/ Product sold on routes outside of marketing areas included, except where noted. Sales by handlers subject to another Federal Order are not always included in data for market in which distributed.
- 2/ Includes sweet and sour cream and milk and cream mixtures containing 5 percent or more butterfat.
- 3/ Includes fluid items such as plain and flavored skim milk and buttermilk which do not meet the butterfat content requirement for whole milk and flavored whole milk. ^{4/} Preliminary. ^{5/} No significant quantities of outside sales included.
- 6/ Chicago and Sub.-Chicago, Ill. Orders merged effective July 1, 1951. Data include total route sales by Chicago and Sub.-Chicago handlers. ^{7/} Includes all whole milk shipped into marketing area. ^{8/} Does not include storage sales by Chicago and Sub.-Chicago Series discontinued because not representative of consumption in market. ^{9/} Includes all cream disposed of outside the marketing area. ^{10/} Sales data for the Boston area excluded for purposes of comparison.
- 12/ Revised.
- 13/ Estimated for December only.

OFFICIAL BUSINESS

BAE-M.P.D.P.-2/52-3000
Permit No. 1001

Agricultural Economics Library
N. Y. State College of Agriculture
535A Ithaca, N. Y.

(Continued from page 3)

Prices paid for milk used in American cheese during 1951 were higher than those for 1950 or 1949. The price per hundredweight ranged from \$3.60 in April to \$4.21 in November and December. Gains from corresponding months a year earlier ranged from 47 cents in December to 84 cents in February. Excluding any allowance for the value of nonfat milk solids, the average price per pound of butterfat in milk used for American cheese in 1951 ranged from 95 cents in September to \$1.03 in February and December.

Based on actual butterfat test, prices paid farmers for milk used by condenseries were higher than a year earlier. Price per hundredweight ranged from \$3.85 in June to \$4.51 in December. On an exclusive butterfat basis with no allowance for the value of nonfat dry milk solids, the price per pound of butterfat in milk used for canning ranged from 97 cents in August, September, and October to \$1.04 in December. Price paid by condenseries for milk of 3.5 percent butterfat averaged \$3.53 per hundredweight during 1951, a gain of 66 cents from a year earlier and the highest price reported since 1948. Prices were uniformly higher than a year earlier in all months, ranging from 48 cents per hundredweight in December to 79 cents in March.

Dry casein production for 1951 was estimated at 21,725,000 pounds, the largest production since 1947, up 17 percent from 1950 and 9 percent from the 5-year average. From February through August, production ranged from 14 to 56 percent higher than a year earlier. The remaining months were lower than a year earlier, ranging from 2 percent in January to 39 percent in December. Stocks of dry casein during 1951 averaged higher than 1950 in all months of the year, and at the end of the year were the highest for the date since 1945.