UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

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DAIRY PRODUCTION AND PRICES, SALES, AND STOCKS OF SPECIFIED DAIRY PRODUCTS

1941

and

PRODUCTION, BY STATES, OF ALL MANUFACTURED DAIRY PRODUCTS

1940

WASHINGTON, D. C.
June 1942

The 1940 manufactures data given in this report are from reports made by dairy manufacturers direct to the United States Department of Agriculture or through cooperating State Departments or Boards of Agriculture, or other State agencies. States cooperating were as follows:

California	Minnesota	Oklahoma
Colorado	Mississippi	Oregon
Idaho	Missouri	Pennsylvania
Illinois	Montana	South Dakota
Indiana	North Carolina	Tennessee
Iowa	Nebraska	Utah
Kansas	New York	Virginia
Michigan	North Dakota	Washington
Ohio	Wisconsin	

West Virginia is now cooperating in collecting data for 1941.

List of Charts

Figure No.		Page No.
1.	Prevailing Retail Price of Milk in 25 Cities of the United States, 1930-39, and 1940-41	1
2.	Milk Dealers' Buying Price of Milk for City Distribution, United States, Average 1930-39, and 1940-41	3
3.	Price Paid Producers by Condenseries for Milk, U.S., Average 1930-39 and 1940-41.	7
4.	Utilization of Total Milk Produced in the United States, 1930-41.	14
5.	Utilization of Total Milk Produced, United States, 1940.	22
6.	Factory Production of Principal Dairy Products, United States.	24
7.	Whole Milk Equivalent of Factory Dairy Products, 1940.	26
8.	Skim Milk Equivalent of Manufactured Skim or Buttermilk Products, U. S., 1940.	28
9.	Factories Making Dry or Powdered Skim Milk, 1940.	29
10.	Dried or Powdered Skim Milk Production, United States, 1930-41.	30

I

PRICES, SALES, AND STOCKS OF SPECIFIED DAIRY PRODUCTS -- 1941

Discussion	Page No.
1941 Summary	1 - 3
Table Number	
1. Prevailing Retail Price of Milk Delivered at Homes of Consumers in 25 Cities, by Months, 1941.	2
2. Milk Dealers' Average Buying Prices of Milk for City Distribution, by Months.	4
3. Last Net Prices per Hundredweight Paid Members of Producers' Associations for 3.5 percent Milk, 1941.	5
4. Evaporated Milk (Case Goods.) Total Manufacturers' Stocks First of Each Month, Production During Each Month.	6
5. Condensed Milk (Case Goods.) Total Manufacturers' Stocks First of Each Month. Production During Each Month.	6
6. Average Prices Paid Producers Supplying Condenseries.	7
7. Average Wholesale Selling Prices, Evaporated Milk.	8
8. Average Wholesale Selling Prices Condensed Milk.	8
9. Dry Skim Milk: Manufacturers' Stocks on First of Month. Manufacturers' Sales During the Month.	9
10. Dry or Powdered Skim Milk Production in the United States.	9
11. Prices of Dry Skim Milk, Dry Whole Milk and Dry Buttermilk.	10
12. Dry Whole Milk: Manufacturers' Stocks on First of Month. Manufacturers' Sales During the Month.	11
13. Dry Buttermilk: Manufacturers' Stocks on First of Month. Manufacturers' Sales During the Month.	11

FARM PRODUCTION, DISPOSITION, AND INCOME FROM MILK, 1941

Discussion	Page No.
1941 Summary	12 - 13
Table Number	
14. Farm Production and Income from Dairy Products, 1930-41.	13
15. Production and Utilization of Milk in the United States, 1930-40.	15
16. Annual Average Prices Received by Farmers for Dairy Products Sold, by States, 1932-41.	16, 17
17. Mid-Month Price per Pound Received by Farmers for Butter, by States, 1941.	18
18. Mid-Month Price per Pound Received by Farmers for Butterfat, by States, 1941.	19
19. Monthly Price per 100 Pounds Received by Farmers for Wholesale Milk, by States, 1941.	20
20. Mid-Month Price per Quart Received by Farmers for Retail Milk, by States, 1941.	21

PRODUCTION OF MANUFACTURED DAIRY PRODUCTS

Discussion	
Production in 1940, Summary	22
Whole Milk Products	23 - 27
Skim Milk Products	29 - 30
Table Number	
21. Skim Milk Equivalent of Manufactured Skim or Buttermilk Products, United States, 1930-40.	28
22. Production of Manufactured Dairy Products, by Months, United States, 1940.	31
23. Production of Manufactured Dairy Products in the United States, 1930-40.	32
24. Production of Manufactured Dairy Products, by Geographic Divisions, United States, 1939 and 1940.	33

Table Number	Page No.
25. Production of Manufactured Dairy Products, by States, 1940.	34 - 37
26. Creamery Butter Produced in 1940, by States and Months.	38
27. American or Cheddar Cheese Produced in 1940, by States and Months.	39
28. Swiss Cheese Produced in 1940, by States and Months.	40
29. Cream Cheese Produced in 1940, by States and Months.	40
30. Brick Cheese Produced in 1940, by States and Months.	41
31. All Italian Varieties of Cheese Produced in 1940, by States and Months.	41
32. Cottage, Pot, and Bakers' Cheese Produced in 1940, by States and Months.	42
33. Evaporated Milk (Case Goods) Produced in 1940, by States and Months.	43
34. Dried or Powdered Skim Milk for Human Consumption Produced in 1940, by States and Months	44
35. Dried or Powdered Skim Milk for Animal Feed Produced in 1940, by States and Months.	45
36. Total Dried or Powdered Skim Milk Produced in 1940, by States and Months.	46
37. Total Ice Cream Produced in 1940, by States and Months.	47
38. Ice Cream Produced in Plants in 1940, by States and Months.	48
39. Production of Canned Milk, Annual Totals, by States, 1931-40. Evaporated Milk. Sweetened Condensed Milk.	49

Table Number	Page No.
40. Production of Dried Skim Milk, Annual Totals, 1931-40.	50
41. Whole Milk Equivalent of Manufactured Dairy Products, United States, 1940.	51
42. Skim Milk Equivalent of Certain Skimmed Milk and Buttermilk Products, United States, 1940.	52

PRICES, SALES, AND STOCKS OF SPECIFIED DAIRY PRODUCTS -- 1941

The year 1941 was an unusual one for the dairy industry. It began rather quietly, with apparently nothing but seasonal events in prospect. Relations between feed costs and milk products prices were moderately favorable to producers, and helped by a mild, open winter and an increased number of cows, the year started with total milk production much above that of a year earlier and the corresponding 5-year average. But, consumers' purchasing power was also up, and the additional milk supplies were absorbed without difficulty.

The passage of the Lend-Lease Act in March was the beginning of an unusual chapter in the history of the dairy industry, for under that Act the purchase and shipment of cheese, evaporated milk, and dried milk to anti-Axis countries was authorized. To the United States Department of Agriculture was delegated the responsibility for increasing the output to supply all lend-lease requirements without interfering with normal domestic consumption.

The first problem faced by the Department in this program was the stepping up of the already high level of milk production. This was done by assigning production goals, by States, which milk producers were asked to reach in 1941. The next step was to encourage the diversion of milk from the production of non-lend-lease products -- principally butter -- to the production of lend-lease products, especially cheese and evaporated milk. Although this meant a marked shift from farm marketings of cream to whole milk, with its multitude of problems, the Department's program was successful.

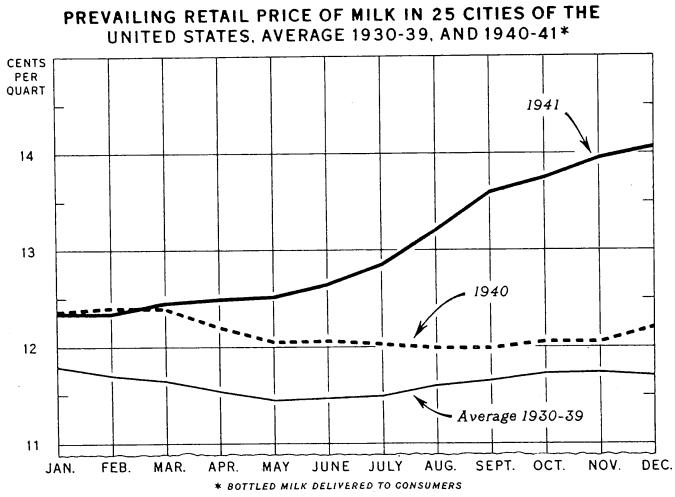


Figure 1. Normally the average retail price of milk varies only slightly during the year, but in 1941 prices rose 15 percent from January to December. Retail prices followed about the same pattern as milk dealers' buying prices in 1941, but their rise was not quite so pronounced.

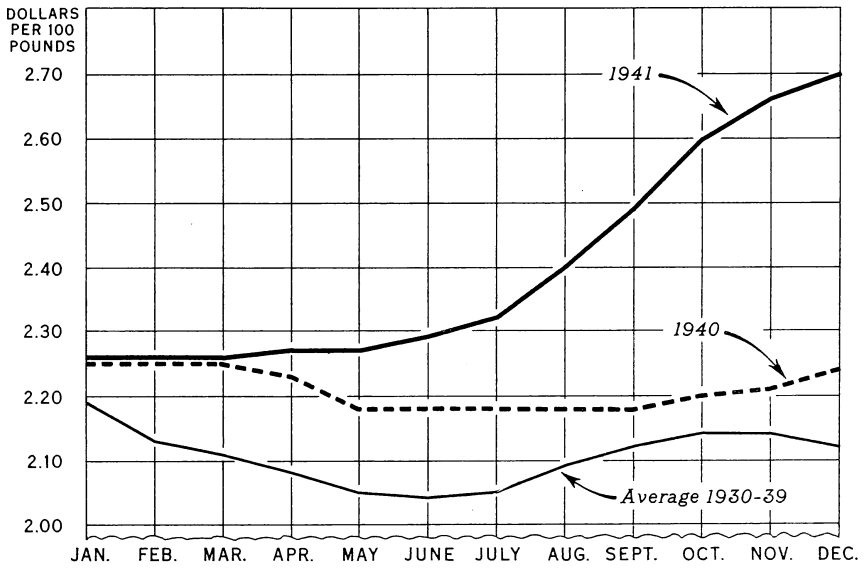
For the first 3 months of 1941, retail prices were at about the same level as in the first quarter of 1940, but during the last quarter of 1941 prices were nearly 2 cents per quart higher than the 1940 prices for the period.

TABLE 1 -- PREVAILING RETAIL PRICE OF MILK DELIVERED AT HOMES OF CONSUMERS IN 25 CITIES BY MONTHS, 1941

City	January	February	March	April	May	June	July	August	September	October	November	December	Average
	Cents per quart, bottled, delivered to consumer												
Boston, Mass.	13	13	13	13	13	13	13	14.50	14.50	14.50	15	15	13.71
New Haven, Conn.	14	14	14	15	15	15	15	15	15	15	15	16	14.83
New York, N. Y. 1/	15.25	15.25	15.25	15	14.50	15	15.50	16	16	16.50	17	17	15.69
Philadelphia, Pa.	12	12	12	12	12	12	12	13	13	13	13	13	12.42
Baltimore, Md.	12	12	13	13	13	13	13	14	14	14	14	14	13.25
Washington, D. C.	14	14	14	14	14	14	14	14	14(1-5) 15(6-30)	15	15	15	14.33
Jacksonville, Fla.	16	16	16	16	16	16	16	16	16	16	18	18	16.33
Pittsburgh, Pa.	13	13	13	13	13	13	13	13(1-15) 14(16-31)	14	14	14	14	13.38
Cleveland, Ohio	12	12	12	12	12	12	12(1-15) 13(16-31)	13	13	13	14	14	12.63
Detroit, Mich.	11	11	11	11	11	12	12	12	13	13	13	13	11.92
Chicago, Ill. 1/	13	13	13	13	13	13	14	14	15.50	15.50	15.50	15.50	14.00
Milwaukee, Wis.	12	12	12	12	12	12	12	12	12	12	12	12	12.00
Minneapolis, Minn.	11	11	12	12	12	13	13	13	13	13	11	11	12.08
Indianapolis, Ind.	12	12	12	12	12	12	12	13	13	13	14	14	12.63
Kansas City, Mo.	11	11	12	12	12	12	12	12	13	13	13	13	12.17
Omaha, Nebr.	11	11	11	11	11	11	11	11	11-12	12	12	12	11.67
Louisville, Ky.	13	13	13	13	14	14	14	15	15	15	15	15	14.08
New Orleans, La.	13	13	13	13(1-6) 14(7-30)	14	14	14	15	15	15	15	15	14.15
Dallas, Texas	11	11	11	11	11	11	11	11	12	14	14	14	11.83
Denver, Colo. 1/	12	12	12	12	12	12	12	12	12	12	13	13	12.17
Salt Lake City, Utah	10	10	10	10	10	10	10	10	10(1-16) 11(17-30)	11	11	12	10.37
Seattle, Wash.	11	11	11	11	11	11	12	12	13	13	13	14	11.93
Portland, Ore.	11	11	11	11	11	11(1-15) 12(16-30)	12	12	14	14	14	14	12.21
San Francisco, Calif.	13	13	13	[illegible]	13	13	14	14	14	14	14.50	14.50	13.58
Los Angeles, Calif. 1/	12	12	12	11	11.50	11.50	12	13	12.50	13	13.50	13.50	12.29
Average 1941	12.33	12.33	12.45	12.47	12.52	12.64	12.84	13.20	13.59	13.74	13.94	14.06	13.01
Average 1940	12.34	12.38	12.38	12.20	12.04	12.06	12.02	11.98	11.98	12.06	12.05	12.21	12.14
5-yr. average 1935-1939	11.99	12.00	11.99	11.89	11.84	11.79	11.82	11.93	12.00	12.06	12.11	12.16	11.97

1/ During some months some milk was sold below the generally prevailing prices.

MILK DEALERS' BUYING PRICE OF MILK FOR CITY DISTRIBUTION, UNITED STATES, AVERAGE 1930-39, AND 1940-41*



* 3.6 PERCENT MILK f.o.b. LOCAL DELIVERY POINT OR COUNTRY PLANT

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Figure 2. Milk dealers' buying prices of milk for city distribution advanced sharply after July 1941, and in December averaged higher than in any month since September 1930. Prices failed to show the usual decline in the period of heavy milk production, primarily because of the influence of increasing prices being paid by condenseries and cheese factories.

Two or three months after the rise in prices paid by manufacturing plants, milk dealers' buying prices advanced sharply not only as a result of the competition with these plants for milk supplies but also because of increased costs of production.

At first, milk diversions were slow, but in late summer and early fall they began to pick up as lend-lease buying prices were raised to levels above those which consumers were willing to pay for non-lend-lease products. The 1941 production of evaporated milk reached a new all-time peak at 3,165,906,000 pounds, an increase of 28 percent over 1940; cheese production rose to 723,550,000 pounds, an increase of 20.3 percent; and dried skim milk for human consumption to 367,393,000 pounds, an increase of 13 percent. Production of butter increased only 3.5 percent.

Producers delivering milk to evaporated milk plants in 1941 received the highest prices since 1929, and to cheese plants the highest since 1928. For the first time of record, these plants were able to pay prices that in some areas caused a diversion of milk from fluid to manufactured use. This unusual situation not only prevented the seasonal decline in prices paid fluid milk producers which ordinarily occurs in late winter and early spring, but eventually led to an unseasonal increase in prices to prevent too heavy an inroad into fluid milk marketing territories. By the end of 1941, both the prices paid producers for Class 1 milk and by consumers for retail milk reached the highest level for many years. With the exception of butter, prices of all dairy products reached the highest level since the pre-depression days.

TABLE 2 -- MILK DEALERS' AVERAGE BUYING PRICES OF MILK FOR CITY DISTRIBUTION, BY MONTHS

(Per cwt. for 3.5% milk f.o.b. local shipping points or country plants)

Geographic Regions	1941 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
New England	2.77	2.74	2.77	2.93	2.93	2.92	2.99	3.14	3.14	3.15	3.22	3.34
Mid. Atlantic	2.61	2.58	2.58	2.57	2.55	2.56	2.64	2.78	2.84	2.98	3.01	2.99
E.No.Central	2.05	2.06	2.06	2.08	2.08	2.12	2.13	2.24	2.33	2.39	2.46	2.50
W.No.Central	1.90	1.89	1.91	1.89	1.90	1.92	1.96	1.99	2.11	2.18	2.20	2.24
So. Atlantic	2.84	2.77	2.78	2.78	2.79	2.79	2.82	2.88	2.95	3.06	3.13	3.15
E.So.Central	2.22	2.20	2.22	2.25	2.20	2.20	2.22	2.29	2.37	2.56	2.63	2.66
W.So.Central	1.92	2.02	2.02	1.98	1.89	1.94	1.96	2.00	2.13	2.30	2.44	2.51
Mountain	1.82	1.92	1.87	1.93	1.74	1.86	1.87	1.95	2.06	2.09	2.18	2.19
Pacific	1.97	1.95	1.92	1.92	2.01	2.07	2.16	2.32	2.41	2.52	2.57	2.58
United States 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
United States 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
United States 1936-1940	2.24	2.23	2.23	2.20	2.17	2.16	2.17	2.21	2.23	2.24	2.26	2.28
United States 1930-1939	2.19	2.13	2.11	2.08	2.05	2.04	2.05	2.09	2.12	2.14	2.14	2.12
United States 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
United States 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
United States 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
United States 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
United States 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

TABLE 3 — LAST NET PRICES PER HUNDREDWEIGHT PAID MEMBERS OF PRODUCERS ASSOCIATIONS FOR 3.5 PERCENT MILK, 1941

City	January	February	March	April	May	June	July	August	September	October	November	December
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Hartford, New Haven & Bridgeport, Conn.	2.80	2.82	2.83	2.95	2.90	2.95	3.11	3.12	3.073	3.33	3.36	3.55
Washington, D. C.	2.67	2.67	2.62	2.66	2.56	2.62	2.62	2.64	2.98	3.05	3.07	3.07
Chicago, Ill. 1/	1.69	1.69	1.70	1.80	1.85	1.89	2.10	2.15	2.47	2.55	2.61	2.56
Louisville, Ky.	2.025	2.025	2.025	2.00	2.00	2.06	2.02	2.25	2.42	2.51	2.52	2.58
Baltimore, Md.	2.383	2.4325	2.513	2.517	2.411	2.544	2.566	2.793	2.842	2.906	2.984	2.983
Boston, Mass. 2/	1.832	1.848	1.748	1.774	1.836	1.88	2.036	2.266	2.334	2.474	2.606	2.536
Detroit, Mich.	1.90	1.90	1.90	1.93	2.02	2.17	2.19	2.19	2.44	2.49	2.48	2.47
St. Paul & Minneapolis, Minn.	1.69	1.65	1.70	1.79	1.91	1.95	1.99	2.15	2.34	2.31	2.25	2.26
St. Louis, Mo.	2.02	2.01	1.96	2.04	2.12	2.20	2.36	2.42	2.44	2.46	2.47	2.84
New York, N. Y. 3/	2.04-2.05	1.98-1.99	1.93-1.95	1.85-1.87	1.82-1.83	1.94-1.95	2.29-2.30	2.40-2.48	2.46-2.54	2.67-2.75	2.75-2.82	2.70-2.75
Akron, Ohio	1.96	1.955	1.96	2.16	2.14	2.15	2.23	2.23	2.26	2.50	2.75	2.74
Canton, Ohio	2.01	2.00	1.99	1.97	2.00	1.98	2.12	2.27	2.34	2.38	2.60	2.60
Cincinnati, Ohio	2:25	2.23	2.23	2.18	1.85	1.99	2.04	2.38	2.48	2.73	2.72	2.69
Cleveland, Ohio	2.13	2.12	2.09	2.06	2.02	2.07	2.29	2.40	2.47	2.54	2.77	2.76
Dayton, Ohio	1.8875	1.9075	1.894	1.905	1.974	2.03	2.155	2.287	2.36	2.569	2.66	2.635
Philadelphia, Pa.	2.37	2.34	2.30	2.32	2.30	2.34	2.45	2.61	2.74	2.82	2.84	2.82
Pittsburgh, Pa.	2.175	2.165	2.125	2.095	2.06	2.055	2.11	2.29	2.47	2.55	2.605	2.60
Providence, R. I.	3.172	3.164	3.144	3.186	3.128	3.16	3.502	3.46	3.56	3.572	3.542	3.534
Richmond, Va.	2.74	2.73	2.73	2.79	2.72	2.75	2.73	2.86	3.26	3.26	3.26	3.26
Seattle, Wash.	1.76 (1-15)	1.7325 (1-15)	1.7225 (1-15)	1.67 (1-15)	1.68 (1-15)	1.855	1.925	1.97	2.225	2.2925	2.345 (1-15)	2.565
Charleston, W. Va.	2.643	2.716	2.76	2.71	2.68	2.715	2.785	2.746	2.96	3.402	3.40	3.32
Milwaukee, Wis.	2.02	1.98	2.00	2.02	2.08	2.09	2.07	2.08	2.20	2.20	2.32	2.30

1/ 70-mile zone. 2/ 191-200 mile zone. 3/ 201-210 mile zone.

TABLE 4

EVAPORATED MILK (CASE GOODS)

Total Manufacturers' Stocks First of Each Month				Production During Each Month			
	1941	1940	Average 1935-39		1941 1/	1940	Average 1935-39
	1000 lb.	1000 lb.	1000 lb.		1000 lb.	1000 lb.	1000 lb.
Jan. 1	187,652	186,081	175,074	Jan.	170,869	158,212	121,684
Feb. 1	189,246	156,253	128,400	Feb.	167,703	171,125	126,615
Mar. 1	176,624	150,458	100,852	Mar.	205,312	201,286	159,850
Apr. 1	136,073	173,378	93,770	Apr.	252,679	225,606	189,573
May 1	126,160	207,740	116,684	May	350,495	273,824	251,979
June 1	173,838	287,778	206,919	June	331,285	293,173	261,533
July 1	189,711	288,565	283,836	July	297,981	259,114	212,470
Aug. 1	261,559	321,332	280,328	Aug.	291,714	229,696	176,189
Sept.1	289,904	349,433	299,668	Sept.	281,147	197,991	153,343
Oct. 1	339,716	380,545	252,989	Oct.	268,134	171,881	136,909
Nov. 1	382,605	358,224	249,109	Nov.	257,649	134,192	106,829
Dec. 1	417,643	226,266	212,160	Dec.	286,736	148,568	114,824

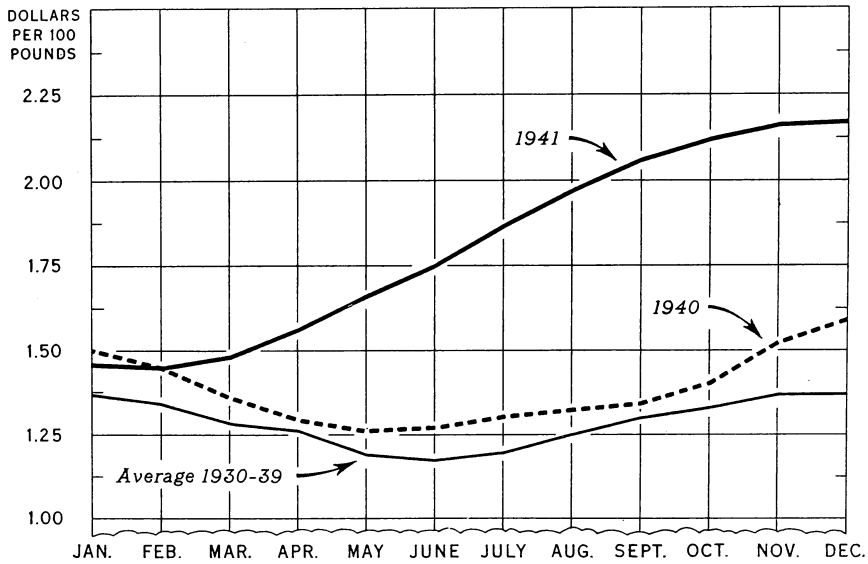
TABLE 5

CONDENSED MILK (CASE GOODS)

Total Manufacturers' Stocks First of Each Month				Production During Each Month			
	1941	1940	Average 1935-39		1941 1/	1940	Average 1935-39
	1000 lb.	1000 lb.	1000 lb.		1000 lb.	1000 lb.	1000 lb.
Jan. 1	8,047	5,627	8,357	Jan.	6,998	2,777	4,070
Feb. 1	7,810	4,702	6,454	Feb.	6,530	3,401	3,850
Mar. 1	7,274	4,579	4,666	Mar.	9,355	3,452	4,009
Apr. 1	7,340	3,938	4,133	Apr.	8,601	2,896	4,591
May 1	7,228	4,014	4,780	May	10,130	4,756	3,253
June 1	10,327	6,815	8,939	June	9,745	6,129	3,868
July 1	10,009	10,221	11,181	July	9,923	6,939	3,714
Aug. 1	9,783	10,454	11,868	Aug.	9,793	6,198	3,777
Sept.1	10,494	9,728	11,616	Sept.	8,017	6,626	3,980
Oct. 1	10,062	9,580	10,694	Oct.	7,999	7,920	3,590
Nov. 1	11,246	9,115	9,890	Nov.	8,126	6,349	2,338
Dec. 1	11,906	8,543	8,577	Dec.	7,086	6,384	3,501

1/ Estimated. Subject to revision when final report is available.

PRICE PAID PRODUCERS BY CONDENSERIES FOR MILK, UNITED STATES, AVERAGE 1930-39, AND 1940-41*



*3.5 PERCENT MILK f. o. b. FACTORY

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Figure 3. Instead of prices following the usual pattern of relatively high levels in the winter months, declining to lower levels in the months of heavy milk flow and climbing again to higher levels as winter approaches, prices paid producers by condenseries in 1941 showed a definite rise in every month after February. This abnormal trend in 1941 was due to the increased demand for evaporated milk under the Government's Lend-Lease program.

TABLE 6 --AVERAGE PRICES PAID PRODUCERS SUPPLYING CONDENSERIES (per cwt. for 3.5% Milk - F.O.B. Factory)

1941

Geographic Regions	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
New England	-	-	-	-	-	-	-	-	-	-	-	-
Mid-Atlantic	1.64	1.58	1.57	1.64	1.74	1.83	2.01	2.11	2.20	2.26	2.32	2.34
So.Atlantic	1.60	1.56	1.54	1.61	1.69	1.77	1.84	1.90	2.02	2.06	2.13	2.14
E.N.Central	1.45	1.44	1.47	1.57	1.67	1.77	1.93	2.05	2.13	2.16	2.21	2.23
W.N.Central	1.42	1.41	1.42	1.50	1.60	1.66	1.73	1.79	1.88	1.95	1.98	2.02
So. Central	1.37	1.36	1.37	1.44	1.52	1.58	1.64	1.72	1.80	1.85	1.90	1.90
No. Western	1.48	1.46	1.48	1.51	1.64	1.71	1.78	1.86	2.05	2.14	2.14	2.14
So. Western	1.51	1.53	1.56	1.61	1.74	1.78	1.81	1.90	2.04	2.11	2.12	2.12
U.S. 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
U.S. 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
5-year ave. 1935-39	1.47	1.47	1.40	1.33	1.24	1.24	1.31	1.35	1.41	1.44	1.51	1.53

TABLE 7 -- AVERAGE WHOLESALE SELLING PRICES, EVAPORATED MILK
(per case of 48 14½-oz. cans)

	1941	1940	1939	Average (1935-39)
	Dol.	Dol.	Dol.	Dol.
Jan.	2.96	2.93	2.70	2.89
Feb.	2.95	2.91	2.69	2.90
Mar.	2.95	2.90	2.68	2.87
Apr.	3.04	2.82	2.67	2.86
May	3.18	2.77	2.68	2.85
June	3.29	2.82	2.67	2.84
July	3.42	2.85	2.68	2.85
Aug.	3.56	2.86	2.68	2.85
Sept.	3.65	2.86	2.79	2.86
Oct.	3.67	2.85	2.89	2.89
Nov.	3.67	2.91	2.93	2.91
Dec.	3.67	2.98	2.94	2.95
U.S.Average	3.33	2.87	2.75	2.88

TABLE 8 -- AVERAGE WHOLESALE SELLING PRICES CONDENSED MILK
(per case of 48 14-oz. cans)

	1941	1940	1939	Average (1935-39)
	Dol.	Dol.	Dol.	Dol.
Jan.	4.80	4.80	4.86	4.82
Feb.	4.80	4.80	4.86	4.84
Mar.	4.80	4.80	4.86	4.84
Apr.	4.80	4.80	4.86	4.83
May	5.04	4.80	4.80	4.82
June	5.17	4.80	4.80	4.83
July	5.20	4.80	4.80	4.83
Aug.	5.29	4.80	4.80	4.82
Sept.	5.30	4.80	4.80	4.83
Oct.	5.33	4.80	4.80	4.83
Nov.	5.64	4.80	4.80	4.83
Dec.	5.64	4.80	4.80	4.83
U.S.Average	5.15	4.80	4.82	4.83

TABLE 9

DRY SKIM MILK

	MANUFACTURERS' STOCKS ON FIRST OF MONTH			MANUFACTURERS' SALES DURING THE MONTH		
	1941	1940	5-year 1935-39 ave.	1941	1940	5-year 1935-39 ave.
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Jan.	34,175	11,044	25,344	28,509	24,032	21,917
Feb.	33,351	17,946	26,549	24,478	22,707	22,108
Mar.	35,927	24,086	26,233	32,961	30,090	27,210
Apr.	36,831	29,283	26,092	39,596	35,132	29,619
Mar.	36,036	33,572	28,117	50,220	44,085	32,773
June	36,676	35,843	34,678	46,425	45,629	36,331
July	37,231	40,412	38,669	40,782	35,239	33,805
Aug.	34,108	42,805	37,698	33,884	28,239	30,827
Sept.	31,705	46,624	32,863	32,404	26,952	28,461
Oct.	26,975	45,252	29,867	31,650	31,519	27,959
Nov.	21,470	41,032	25,229	25,430	28,270	23,536
Dec.	18,732	36,037	22,221	26,471	28,389	24,825

TABLE 10

DRY OR POWDERED SKIM MILK PRODUCTION
IN THE UNITED STATES*

Month	1933	1934	1935	1936	1937	1938	1939	1940
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Jan.	21,770	23,641	18,089	20,764	28,268	30,900	31,119	35,426
Feb.	19,549	21,276	17,995	20,860	25,697	31,085	28,846	34,518
Mar.	22,780	25,558	22,652	26,105	32,700	39,171	35,346	42,429
Apr.	24,843	28,392	27,199	30,989	35,795	45,017	38,991	46,812
May	30,818	34,138	37,176	40,037	46,428	55,565	49,595	55,943
June	31,650	33,614	39,810	43,268	45,731	52,775	48,805	58,242
July	25,695	27,381	30,406	31,654	36,246	43,091	36,903	44,799
Aug.	21,407	23,269	27,214	26,914	27,889	33,993	29,059	38,566
Sept.	21,049	21,141	24,720	28,456	25,751	33,511	27,508	32,842
Oct.	23,071	21,208	20,160	29,689	22,869	31,467	25,960	33,120
Nov.	20,946	17,473	14,372	24,012	19,200	24,647	25,167	27,492
Dec.	24,536	17,844	17,713	26,802	25,629	28,069	31,081	31,616
TOTAL	288,114	294,935	297,506	349,550	372,203	449,291	408,380	481,805

*Includes production for both human consumption and animal feed.

TABLE 11

PRICES OF DRY SKIM MILK, DRY WHOLE MILK AND DRY BUTTERMILK (cents per lb.)

	DRY SKIM MILK			DRY WHOLE MILK		
	1941	1940	5-year 1935-39 ave.	1941	1940	5-year 1935-39 ave.
Jan.	6.29	8.16	6.54	16.86	18.05	17.26
Feb.	6.04	6.57	6.43	17.48	17.88	16.97
Mar.	5.95	5.68	6.20	16.71	16.45	16.43
Apr.	6.39	5.08	6.02	17.15	15.10	16.30
May	6.63	5.36	5.91	17.93	15.09	16.01
June	7.25	5.60	5.93	18.08	15.51	15.81
July	8.07	6.16	5.98	19.72	14.78	15.67
Aug.	8.99	6.32	6.21	20.31	15.82	15.52
Sept.	10.26	6.42	6.46	22.18	15.71	16.40
Oct.	11.47	6.30	6.69	24.37	16.26	16.89
Nov.	12.08	6.51	6.95	23.32	15.84	17.45
Dec.	12.38	6.38	7.28	24.18	16.00	17.46

	DRY BUTTERMILK		
	1941	1940	5-year 1935-39 ave.
Jan.	5.09	7.04	5.43
Feb.	4.98	5.55	5.43
Mar.	4.92	5.04	5.29
Apr.	5.41	4.93	5.02
May	5.70	5.06	4.96
June	6.06	5.01	4.92
July	6.75	5.13	5.10
Aug.	7.31	5.47	5.12
Sept.	8.02	5.38	5.37
Oct.	8.49	5.25	5.54
Nov.	9.08	5.43	5.64
Dec,	9.34	5.31	5.93

TABLE 12

DRY WHOLE MILK

	MANUFACTURERS' STOCKS ON FIRST OF MONTH			MANUFACTURERS' SALES DURING THE MONTH		
	1941	1940	5-year 1935-39 ave.	1941	1940	5-year 1935-39 ave.
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Jan.	4,632	4,129	3,055	1,986	1,295	932
Feb.	3,831	4,026	2,700	2,295	923	891
Mar.	3,432	3,541	2,342	2,042	1,032	950
Apr.	3,593	3,128	2,170	1,921	1,245	768
May	3,961	3,107	2,314	1,661	1,582	655
June	4,849	4,277	2,952	1,468	1,284	717
July	5,426	6,147	3,953	1,547	1,685	775
Aug.	6,108	6,884	4,725	1,486	1,162	1,174
Sept.	7,200	6,799	4,609	2,063	1,701	1,333
Oct.	7,046	5,804	4,518	3,074	1,571	1,359
Nov.	5,746	5,357	4,257	2,241	1,962	1,174
Dec.	6,185	4,558	3,785	2,420	1,623	1,190

TABLE 13

DRY BUTTERMILK

	MANUFACTURERS' STOCKS ON FIRST OF MONTH			MANUFACTURERS' SALES DURING THE MONTH		
	1941	1940	5-year 1935-39 ave.	1941	1940	5-year 1935-39 ave.
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Jan.	7,018	1,280	4,757	2,587	2,331	3,547
Feb.	7,345	2,067	4,345	2,198	2,115	3,444
Mar.	7,948	2,335	4,223	3,571	2,250	3,450
Apr.	7,410	2,941	4,233	3,956	2,519	3,078
May	6,616	3,256	4,322	4,580	2,976	3,913
June	6,307	3,918	4,594	4,842	2,345	4,440
July	5,771	4,739	4,823	4,291	2,466	4,032
Aug.	5,498	5,188	5,005	4,232	2,642	3,126
Sept.	4,368	5,400	4,886	3,380	1,914	2,815
Oct.	3,721	7,008	4,625	3,334	2,991	3,342
Nov.	4,110	6,932	4,391	3,260	2,595	3,617
Dec.	4,286	6,879	3,967	2,836	2,511	3,535

FARM PRODUCTION, DISPOSITION, AND INCOME FROM MILK, 1941

Due to space limitations this year, State estimates of production, disposition and income from dairy products have been omitted from this publication. These may be found by referring to "Farm Production, Disposition, and Income from Milk 1940-41" (mimeographed) issued April 22, 1942, by the Bureau of Agricultural Economics, U. S. Department of Agriculture.

With annual milk production per cow reaching a new high level and with milk cow numbers approaching the pre-drought peak, the amount of milk produced on farms in the United States in 1941 was by a considerable margin the highest yearly production ever obtained. Estimates place the production at 115.5 billion pounds, or 868 pounds of milk for each person in the United States. This is the highest per capita figure in the 18-year period for which estimates are available and 7 percent above the average for the 1931-40 period.

The average number of milk cows on farms during 1941, estimated at 24,357,000 head, was nearly 3 percent higher than in 1940 but was still several percent short of the record number in 1934. Milk cow numbers have been on the upgrade for 3 consecutive years and present prospects point toward a continuation of the uptrend during the next year or two. Annual milk production per cow in 1941, estimated at 4,742 pounds, is about 2½ percent higher than in 1940 and an all-time record. An excellent pasture season in the Western two-thirds of the country, liberal supplies of feed grains on farms in most areas, and unusually good prices for dairy products encouraged farmers to push their cows for heavy production by better-than-usual feeding and care.

Farm butter production continued to decrease, and in 1941 only about 395 million pounds were churned on farms, the smallest amount since the Civil War. In the South, however, where milking herds of 1 to 3 cows are the rule and the production of homemade butter utilizes a substantial proportion of the milk, the increased production of milk on farms in 1941 resulted in churnings being maintained at about the 1940 level.

In terms of milk equivalent, farmers in this country in 1941 increased the commercial output of their milking herds by nearly 6 billion pounds over that in 1940 without materially reducing the farm use of milk for products consumed by the household and feeding calves. Most of this increase was delivered to plants and dealers in the form of wholesale milk to supply the additional volume of whole milk needed for expanding city fluid consumption and for the larger factory outturn of cheese and condensery products required by the food-for-freedom program. Prices received by farmers for dairy products in 1941 rose sharply above those in 1940, especially in the last half of the year.

The record-breaking volume of milk and milk products sold from farms, and the highest average level of prices for dairy products since 1930, combined to make 1941 a banner income year for the Nation's farmers who produce milk and milk products for sale. The cash farm income from milk, cream, and home-made butter amounted to $1,896,837,000 in 1941 to surpass the previous high in 1929 by some 58 million dollars and the 1940 figure by fully 25 percent. The milk utilized for dairy products consumed on farms where produced was valued at $401,843,000. Gross farm income from milk and milk products, which includes both the cash sales and the value of products consumed on farms where produced, totaled $2,298,680,000 in 1941, compared with $1,873,621,000 in 1940.

Over three-fifths of the Nation's cash farm income from dairy products in 1941 was derived from the wholesale milk delivered by farmers. The 52.2 billion pounds of wholesale milk sold at an average price of $2.18 per 100 pounds returned $1,139,165,000 to farmers. Cream sold by farmers, containing nearly 1.3 billion pounds of butterfat, brought $439,859,000 into the farm pocketbook in 1941. Retail sales of milk and cream by farmers brought returns of $297,128,000, while home-made butter sold by farmers returned $20,685,000 to producers in 1941.

TABLE 14 -- FARM PRODUCTION AND INCOME FROM DAIRY PRODUCTS, 1930-41

Year	Number of milk cows on farms 1/	Production per milk cow 2/		Milk produced on farms 2/	Butter churned on farms	Farm income from dairy products	
		Milk	Butterfat			Cash 3/	Gross 4/
	Thousands	Lbs.	Lbs.	Mil.lbs.	1000 lbs.	1000 dol.	1000 dol.
1930	22,218	4,508	176.8	100,158	523,285	1,607,441	2,042,844
1931	23,108	4,459	175.0	103,029	544,395	1,276,735	1,642,951
1932	24,105	4,307	169.2	103,810	581,450	986,370	1,286,430
1933	25,062	4,180	164.2	104,762	579,845	1,004,206	1,309,498
1934	25,198	4,033	158.7	101,621	558,649	1,145,517	1,498,441
1935	24,187	4,184	165.4	101,205	539,110	1,310,204	1,696,230
1936	23,727	4,316	170.3	102,410	501,900	1,477,882	1,877,979
1937	23,340	4,366	172.5	101,908	472,270	1,524,771	1,930,985
1938	23,215	4,558	180.1	105,807	453,990	1,387,926	1,741,378
1939	23,273	4,589	181.5	106,792	428,689	1,345,522	1,686,824
1940	23,684	4,624	182.9	109,510	402,690	1,516,491	1,873,621
1941 5/	24,357	4,742	187.5	115,498	395,476	1,896,837	2,298,680

1/ Average number on farms during year, heifers that have not freshened, excluded.
2/ Excludes milk sucked by calves and milk produced by cows not on farms.
3/ Income from milk, cream and farm-churned butter sold. Does not include income from sale of cattle or calves.
4/ Cash income from dairy products plus the value of milk, cream and home-made butter consumed on farms where produced.
5/ Preliminary.

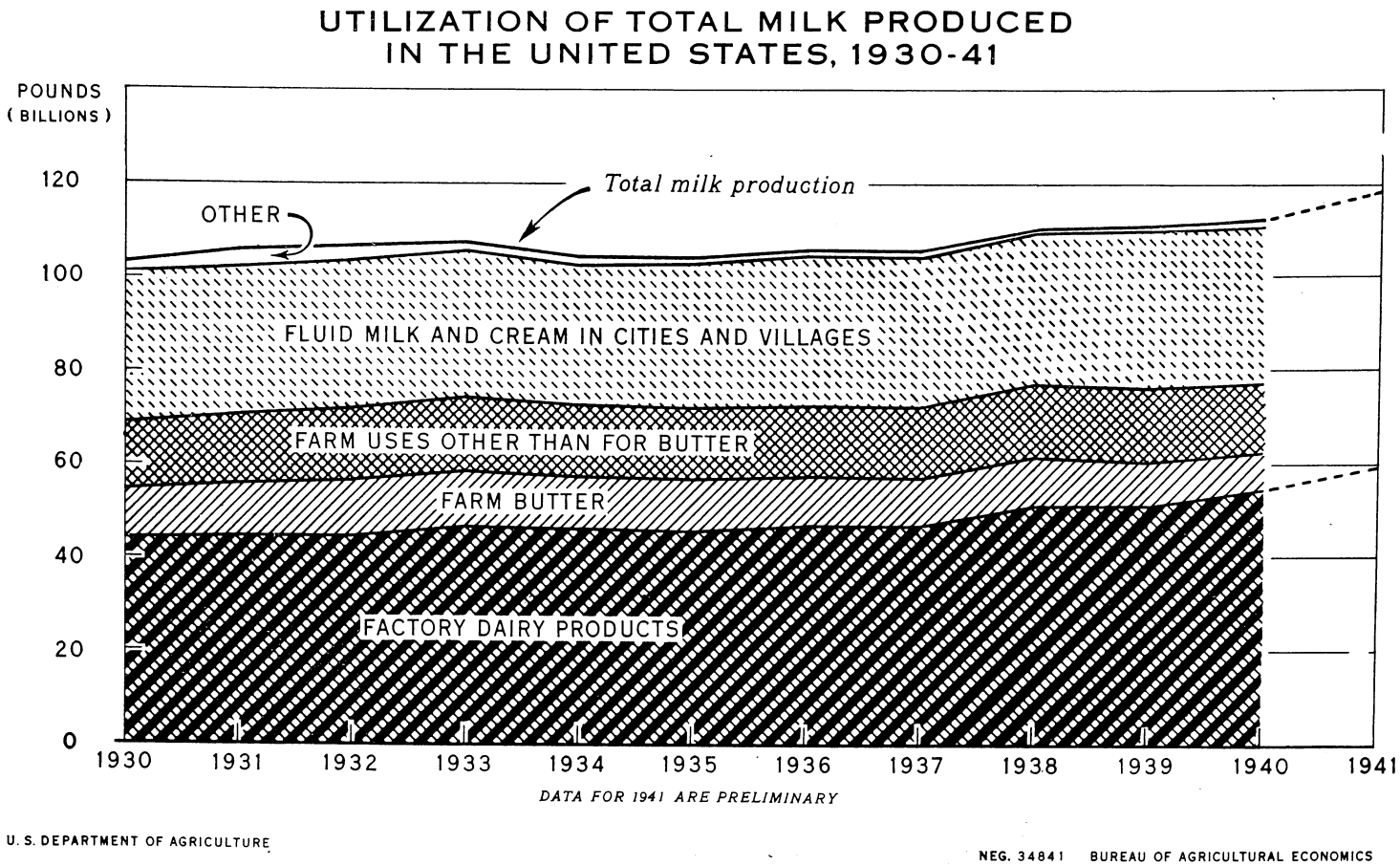


Figure 4. From 1930 to 1941, total milk production increased 15 percent, while the proportion of the total utilized in factory dairy products advanced from 43 percent in 1930 to 50 percent in 1941. Over 15 billion pounds more milk was used in factory production in 1941 than in 1930.

Between 1930 and 1940, the milk churned into butter on farms decreased 2.5 billion pounds, or 24 percent, while fluid milk and cream consumed in cities, villages, and farm households increased 5 percent.

TABLE 15 — PRODUCTION AND UTILIZATION OF MILK IN THE UNITED STATES, 1930-40 1/

Item	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Milk used for factory dairy products:											
Creamery butter (total)	32,516	33,905	34,386	35,813	34,424	33,100	33,096	32,927	36,191	36,167	37,349
Butter from whey cream	354	348	340	382	406	435	449	453	506	495	548
Creamery butter, net	32,162	33,557	34,046	35,431	34,018	32,665	32,647	32,474	35,685	35,672	36,801
Cheese (total)	5,061	4,975	4,883	5,469	5,826	6,237	6,446	6,484	7,250	7,091	7,862
American	3,904	3,853	3,801	4,210	4,472	4,813	4,983	4,999	5,697	5,459	6,115
Other than American	1,157	1,122	1,082	1,259	1,354	1,424	1,463	1,485	1,553	1,632	1,747
Evaporated milk (case)	3,113	3,072	3,377	3,694	3,677	3,947	4,385	4,065	4,490	4,636	5,266
Unsweetened condensed (bulk)	312	269	235	213	226	250	316	325	314	260	312
Sweetened condensed (case)	267	213	155	119	134	117	104	105	91	76	137
Sweetened condensed (bulk)	136	99	92	89	94	80	108	104	103	119	165
Ice cream (total)	3,602	3,130	2,326	2,226	2,680	2,973	3,629	4,186	4,185	4,519	4,712
Fat from butter and concentrated milk	722	651	486	475	577	630	754	869	875	951	982
Ice cream, net (from milk and cream)	2,880	2,479	1,840	1,751	2,103	2,343	2,875	3,317	3,310	3,568	3,730
Dried or powdered whole milk	118	96	91	97	121	156	137	103	162	185	223
Dried or powdered cream	8	3	1	3	1	1	3	2	1	1	1
Malted milk	60	51	35	33	36	42	50	53	41	53	53
Total for manufacture of factory dairy products, net	44,117	44,814	44,755	46,899	46,236	45,838	47,071	47,032	51,447	51,661	54,550
Milk used on farms where produced --											
Farm butter	10,629	11,110	11,962	11,924	11,343	10,931	10,163	9,548	9,173	8,653	8,129
Uses other than for farm butter —											
Consumed as fluid milk or cream	11,210	11,918	12,554	12,820	12,773	12,410	12,077	11,955	11,950	12,167	12,072
Fed to calves	2,986	2,997	2,859	2,863	2,688	2,676	2,755	2,724	2,850	2,967	2,995
Total uses on farms other than for farm butter	14,196	14,915	15,413	15,683	15,461	15,086	14,832	14,679	14,800	15,134	15,067
Milk consumed as fluid milk or cream in cities and villages	32,066	31,403	31,562	31,281	29,514	30,564	31,848	32,298	32,408	33,056	33,519
Other uses and to balance	1,976	3,613	2,944	1,801	1,893	1,612	1,322	1,177	805	1,114	1,071
Estimated milk production --											
By cows on farms	100,158	103,029	103,810	104,762	101,621	101,205	102,410	101,908	105,807	106,792	109,510
Allowance for production by cows not on farms	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826	2,826
Indicated total milk production	102,984	105,855	106,636	107,588	104,447	104,031	105,236	104,734	108,633	109,618	112,336

1/ This table has been set up as a balance sheet bringing together separately determined items of milk utilization and production. The quantities of milk used in the manufacture of the various dairy products are calculated, by States, from the quantities manufactured each year, using for all years conversion factors and allowances for duplication that were computed for each State from survey records secured in 1930 and 1931. The estimates of milk used for farm butter and of the other milk used on the farms are based chiefly on reports from individual farmers. The estimates of fluid consumption in cities and villages include consumption by the entire non-farm population, but are based largely on reports from city boards of health. The "other uses and to balance" is merely a residual to take care of miscellaneous items not shown, together with errors of individual estimates. In general, the estimates for the different uses appear in fair balance with the separately determined estimates of milk production, which include a rough flat allowance for milk produced by "town cows."

TABLE 16 -- ANNUAL AVERAGE PRICES RECEIVED BY FARMERS FOR DAIRY PRODUCTS SOLD, BY STATES. 1932-41

State	Farm butter, per pound										Butterfat, per pound									
	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941 1/	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941 1/
	Cents										Cents									
Me.	26	25	27	31	33	35	32	30	32	36	29	26	30	33	35	37	34	33	34	38
N.H.	25	25	27	32	34	35	32	29	31	36	27	26	30	33	36	37	34	31	34	37
Vt.	26	26	29	33	35	37	32	30	32	37	27	26	30	34	37	38	35	31	34	39
Mass.	26	25	28	32	35	36	32	30	32	37	27	26	29	34	36	38	35	31	34	38
R.I.	24	23	27	31	34	36	32	30	32	37	26	24	28	32	36	38	34	31	34	37
Conn.	25	24	27	31	34	36	31	29	31	36	26	24	27	32	36	37	33	31	33	37
N.Y.	24	24	27	32	34	36	31	28	31	36	22	21	24	29	33	33	27	24	28	34
N.J.	25	24	28	33	37	38	32	29	31	37	25	22	26	33	34	38	32	31	32	35
Pa.	23	22	24	29	32	34	30	27	29	34	21	22	25	29	33	34	29	25	29	34
Ohio	21	21	24	29	32	33	29	26	30	35	17	18	22	27	31	32	25	23	27	33
Ind.	22	22	25	30	34	34	29	27	30	36	17	18	22	28	31	32	24	22	27	34
Ill.	21	21	24	29	32	33	29	26	30	35	17	18	22	27	31	32	25	22	27	33
Mich.	21	21	25	29	33	35	29	26	30	36	18	20	24	29	33	35	28	25	30	36
Wis.	21	22	25	29	33	34	28	26	30	35	22	23	26	31	36	38	31	28	33	39
Minn.	20	21	25	30	34	35	29	26	30	36	20	20	24	30	34	35	29	26	30	36
Iowa	20	21	24	29	33	34	28	25	30	35	19	20	24	30	34	35	28	25	29	36
Mo.	21	20	22	27	30	31	27	25	27	32	16	17	21	25	29	30	23	21	25	32
N.Dak.	18	19	23	28	31	33	27	24	28	35	16	17	22	26	30	31	25	22	27	34
S.Dak.	19	20	24	29	33	34	28	25	29	35	16	18	22	26	31	31	24	22	26	33
Nebr.	18	18	22	28	31	33	27	25	29	34	15	17	22	26	29	31	23	21	26	32
Kans.	20	19	22	29	32	33	27	25	29	35	15	16	20	26	30	31	23	21	26	33
Del.	24	22	25	28	30	32	29	27	28	30	23	23	26	31	32	35	30	26	28	32
Md.	21	20	22	26	27	29	27	25	26	30	22	23	25	29	32	35	29	24	26	32
Va.	17	16	18	21	23	23	22	21	22	25	17	18	21	25	30	30	24	22	25	30
W. Va.	20	18	20	23	24	26	24	23	25	27	19	19	22	25	30	31	24	23	25	31
N. C.	21	19	21	23	25	25	23	23	23	25	18	17	20	25	28	29	24	23	24	28
S. C.	24	21	23	26	27	27	26	25	25	27	19	19	21	26	27	28	25	22	25	28
Ga.	21	19	21	24	26	25	24	23	23	26	15	16	19	24	27	28	24	22	23	28
Fla.	28	25	26	30	31	31	31	28	29	32	20	20	22	27	29	30	30	29	29	30
Ky.	19	19	21	24	26	27	25	23	25	29	15	16	20	25	29	30	22	20	24	30
Tenn.	16	14	17	20	22	22	21	21	22	25	16	17	20	25	29	30	24	21	25	32
Ala.	19	18	20	21	23	24	23	22	22	24	15	16	18	23	26	28	24	22	23	29
Miss.	21	20	23	27	27	28	26	25	26	28	14	16	20	25	30	31	26	23	25	32
Ark.	22	20	22	26	27	28	26	25	26	29	14	16	20	24	29	30	23	21	25	31
La.	23	22	24	28	29	30	27	26	27	31	16	16	19	24	27	29	23	21	25	30
Okla.	20	20	22	28	30	32	28	26	28	33	14	16	19	24	29	30	22	21	25	32
Tex.	19	19	22	27	28	29	27	26	27	31	13	15	19	24	28	29	22	21	25	32
Mont.	20	20	24	30	33	35	30	27	30	36	16	17	21	27	32	33	25	23	27	33
Idaho	21	21	25	32	35	35	29	28	31	37	17	17	22	29	34	34	26	25	29	35
Wyo.	21	22	25	30	33	35	29	27	30	36	15	17	22	27	31	32	25	24	27	34
Colo.	20	21	25	30	32	34	29	27	29	35	15	16	21	26	30	31	23	22	26	32
N.Mex.	23	22	25	30	32	34	30	27	28	35	14	16	21	26	31	32	24	22	26	33
Ariz.	24	23	27	33	35	35	30	29	31	36	18	18	25	31	35	35	27	26	30	37
Utah	22	21	25	32	35	36	30	29	32	38	19	18	22	30	34	36	28	27	30	39
Nev.	24	22	26	32	37	37	31	29	32	37	20	20	24	30	35	36	29	28	30	36
Wash.	22	22	25	31	35	35	29	28	31	36	19	20	23	29	35	34	26	25	29	35
Oreg.	21	22	26	31	35	35	29	28	31	38	18	19	22	30	34	35	27	25	29	36
Calif.	22	22	25	31	35	35	29	28	31	37	22	22	25	32	36	37	31	29	31	38
U. S.	20.8	20.2	22.7	26.7	28.9	29.7	26.7	25.1	26.7	30.9	17.9	18.8	22.7	28.1	32.2	33.2	26.2	23.8	28.0	34.4

1/ Preliminary

TABLE 16 -- ANNUAL AVERAGE PRICES RECEIVED BY FARMERS FOR DAIRY PRODUCTS SOLD, BY STATES, 1932-41 (Cont'd.)

State	Milk sold at wholesale, per 100 pounds 2/										Milk retailed by farmers, per quart									
	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941 1/	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941 1/
	Dollars										Cents									
Me.	1.70	1.70	1.90	2.00	2.00	2.00	2.00	2.00	2.10	2.45	9.3	8.6	9.2	9.8	10.1	10.2	10.1	10.1	10.2	10.8
N.H.	1.80	1.70	2.00	2.10	2.10	2.00	2.10	2.15	2.20	2.55	9.3	9.1	9.5	10.2	10.4	10.6	10.6	10.5	10.9	11.4
Vt.	1.50	1.50	1.70	1.85	1.85	1.75	1.75	1.85	1.90	2.25	8.3	8.2	9.2	9.6	9.4	9.4	9.5	9.4	9.6	9.9
Mass.	2.30	2.15	2.40	2.80	2.85	2.75	2.65	2.65	2.65	2.95	10.6	10.4	11.6	12.4	12.5	12.4	12.8	12.9	13.0	13.3
R. I.	2.15	2.30	2.65	2.75	2.85	2.85	2.70	2.70	2.70	2.95	10.9	10.5	11.6	11.9	12.4	12.5	12.2	12.2	12.2	12.8
Conn.	2.05	2.00	2.60	2.40	2.55	2.80	2.60	2.50	2.65	3.00	11.1	11.7	13.9	12.7	12.3	12.6	12.4	12.3	12.4	12.8
N.Y.	1.30	1.43	1.69	1.84	1.95	1.96	1.79	1.79	2.00	2.35	9.2	9.4	10.1	10.2	10.4	10.6	10.4	10.4	10.5	11.0
N.J.	1.75	1.95	2.41	2.53	2.61	2.73	2.69	2.63	2.80	2.95	10.6	10.4	12.2	12.9	13.3	13.3	13.5	13.4	13.8	13.9
Pa.	1.35	1.45	1.95	1.90	2.00	2.20	1.90	1.90	2.05	2.35	8.9	9.0	9.9	10.1	10.4	11.0	10.8	11.1	11.4	11.8
Ohio	1.15	1.15	1.50	1.65	1.90	2.05	1.80	1.65	1.75	2.25	8.4	8.2	9.6	9.8	10.0	10.6	10.3	9.9	10.1	11.0
Ind.	1.40	1.30	1.45	1.55	1.90	2.05	1.75	1.65	1.85	2.25	8.1	7.9	8.4	9.0	9.6	10.2	10.2	9.9	10.2	10.6
Ill.	1.35	1.25	1.45	1.50	1.80	1.90	1.65	1.55	1.65	2.05	8.9	8.1	8.4	9.2	9.6	10.0	10.0	9.8	9.7	10.0
Mich.	1.10	1.15	1.45	1.60	1.80	1.95	1.65	1.65	1.80	2.15	8.2	7.7	8.5	8.9	9.5	9.9	9.5	9.5	9.5	10.1
Wis. 3/	.89	.98	1.35	1.50	1.80	1.59	1.28	1.22	1.40	1.84	7.4	7.0	7.4	7.8	8.5	8.9	8.8	8.5	8.6	9.1
Minn.	1.15	1.10	1.35	1.50	1.80	1.80	1.50	1.40	1.55	1.80	7.7	7.1	7.5	8.2	8.6	9.0	9.0	8.9	8.9	9.2
Iowa	1.20	1.10	1.30	1.55	1.75	1.90	1.65	1.55	1.65	1.90	7.9	7.2	7.7	8.4	8.8	9.3	9.2	9.1	9.2	9.6
Mo.	1.05	1.05	1.45	1.65	1.80	1.95	1.75	1.65	1.75	2.05	7.9	7.5	8.1	8.6	8.9	9.3	8.9	8.7	8.7	9.1
N.Dak.	1.55	1.30	1.60	1.95	1.95	2.05	1.90	1.85	1.85	1.95	7.6	7.4	8.1	8.6	8.7	9.0	8.7	8.7	8.8	8.9
S.Dak.	1.25	1.10	1.30	1.55	1.65	1.80	1.75	1.60	1.55	1.75	7.8	7.1	7.8	8.7	9.0	9.2	9.0	8.8	8.9	9.2
Nebr.	1.05	1.00	1.35	1.60	1.80	1.90	1.60	1.55	1.70	1.90	7.7	7.1	7.8	8.6	8.9	9.2	9.0	8.7	8.7	9.0
Kans.	1.10	1.10	1.30	1.50	1.75	1.90	1.70	1.60	1.70	1.90	7.5	6.8	8.0	8.8	9.2	9.5	9.3	9.2	9.2	9.5
Del.	1.60	1.65	2.00	1.95	2.05	2.25	2.05	2.00	2.05	2.35	9.4	8.9	9.7	9.8	9.9	10.5	10.2	10.1	10.1	10.4
Md.	2.00	1.85	2.10	2.25	2.30	2.45	2.30	2.20	2.40	2.75	9.1	8.6	9.5	9.5	9.9	10.5	10.3	10.1	10.0	10.5
Va.	2.40	2.20	2.35	2.40	2.45	2.75	2.50	2.45	2.60	2.85	9.5	9.1	9.5	9.7	9.9	10.2	10.2	10.2	10.2	10.6
W.Va.	1.80	1.65	1.80	1.80	2.00	2.20	2.10	2.05	2.15	2.40	9.4	9.3	9.7	9.8	10.1	10.5	10.1	10.1	10.1	10.6
N.C.	2.20	2.05	2.40	2.60	2.60	2.90	2.80	2.70	2.80	2.95	10.9	10.4	11.2	11.5	11.6	12.0	11.7	11.7	11.8	12.1
S.C.	2.45	2.15	2.45	2.75	2.65	2.75	2.85	2.85	2.90	3.05	10.1	10.2	10.7	11.3	11.2	11.2	11.1	10.7	10.8	11.5
Ga.	2.15	2.00	2.15	2.40	2.35	2.70	2.80	2.80	2.85	3.00	9.7	9.8	10.7	11.2	11.0	11.4	11.4	11.1	11.1	11.5
Fla.	2.70	2.35	2.80	3.05	3.05	3.30	3.20	3.10	3.15	3.30	13.3	12.5	13.6	14.2	14.4	14.5	14.5	14.4	14.4	14.7
Ky.	1.25	1.25	1.45	1.60	1.90	2.00	1.55	1.50	1.65	2.05	8.6	8.3	8.4	8.7	9.2	9.5	9.4	9.4	9.6	10.1
Tenn.	1.35	1.35	1.55	1.90	2.00	2.20	1.80	1.80	1.95	2.35	8.2	8.3	8.7	9.0	9.6	9.8	9.5	9.6	9.6	10.2
Ala.	1.55	1.55	1.70	1.85	2.10	2.30	2.05	2.00	2.10	2.30	9.1	9.0	9.6	10.3	10.6	10.6	10.5	10.3	10.3	10.8
Miss.	1.25	1.30	1.55	1.75	1.90	2.00	1.75	1.65	1.80	2.15	8.7	8.4	9.5	9.7	10.0	10.1	10.0	9.7	9.8	10.4
Ark.	1.35	1.25	1.60	1.80	1.95	2.00	1.65	1.65	1.80	2.15	8.6	8.5	9.1	9.9	9.9	10.2	9.9	9.8	9.8	10.1
La.	1.45	1.50	1.70	1.95	2.10	2.25	2.15	2.10	2.30	2.45	9.3	9.3	9.4	9.8	9.9	10.2	9.7	9.8	10.0	10.6
Okla.	1.20	1.30	1.50	1.70	1.75	1.80	1.55	1.55	1.70	2.00	7.4	7.2	8.5	9.0	9.4	9.7	9.3	9.2	9.2	9.6
Tex.	1.45	1.40	1.90	2.15	2.20	2.30	2.10	2.05	2.10	2.40	8.4	8.6	9.5	10.2	10.2	10.3	10.2	10.0	10.1	10.4
Mont.	1.50	1.45	1.55	1.70	1.90	2.15	1.95	1.95	2.00	2.05	8.8	8.3	8.7	9.6	10.0	10.4	10.3	10.2	10.3	10.3
Idaho	.95	.95	1.15	1.40	1.60	1.65	1.30	1.30	1.50	1.85	7.6	6.9	7.6	8.3	8.6	9.0	8.9	8.9	8.9	9.3
Wyo.	1.35	1.30	1.35	1.50	1.80	1.75	1.45	1.40	1.50	1.80	9.6	9.1	9.6	10.1	10.5	10.7	10.2	10.2	10.2	10.6
Colo.	1.15	1.10	1.30	1.60	1.65	1.85	1.45	1.40	1.55	1.85	8.1	7.6	8.3	9.3	9.5	9.6	9.7	9.5	9.5	9.9
N.Mex.	2.10	1.75	2.00	2.25	2.40	2.50	2.40	2.35	2.40	2.60	10.5	10.4	11.4	11.7	11.8	11.5	10.4	10.4	10.5	11.2
Ariz.	1.15	1.15	1.35	1.60	1.80	1.95	1.65	1.55	1.60	1.85	11.4	10.2	10.0	10.8	11.0	11.2	11.0	10.6	10.7	11.1
Utah	1.05	1.00	1.20	1.40	1.55	1.60	1.35	1.35	1.45	1.75	7.1	6.7	7.2	7.9	8.3	8.3	8.1	8.2	7.7	8.2
Nev.	1.55	1.50	1.60	1.70	1.70	1.75	1.85	1.75	1.80	2.00	9.4	9.2	8.4	8.6	8.4	8.5	8.8	9.0	9.3	9.7
Wash.	1.10	1.15	1.35	1.60	1.75	1.80	1.40	1.45	1.55	2.05	8.4	8.0	9.0	9.6	9.7	10.4	10.2	10.0	10.0	10.6
Oreg.	1.20	1.25	1.45	1.75	1.90	1.90	1.60	1.65	1.85	2.30	8.5	7.9	9.4	9.7	10.1	10.7	10.6	10.5	10.5	11.1
Calif.	1.40	1.35	1.50	1.70	1.95	2.10	1.80	1.75	1.85	2.30	10.3	10.0	10.3	10.5	10.8	11.5	11.5	11.2	11.2	11.7
U. S.	1.27	1.30	1.54	1.70	1.87	1.96	1.72	1.68	1.82	2.19	8.8	8.6	9.3	9.8	10.1	10.5	10.3	10.2	10.3	10.8

2/ Corresponding prices for earlier years will be found in the mimeographed publication entitled "Wholesale prices received by farmers for whole milk, 1909-1936," dated February 1937, available from the Bureau of Agricultural Economics.

3/ Prices received for Wisconsin whole milk according to use are published in Wisconsin Statistical Bulletin No. 200, published by the Wisconsin Crop and Livestock Reporting Service, Madison, 1939.

TABLE 17 -- MID-MONTH PRICE PER POUND RECEIVED BY FARMERS FOR BUTTER, BY STATES, 1941 1/

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine	34	34	34	34	34	35	35	37	37	38	39	38
N. H.	34	33	33	34	34	36	38	38	38	39	39	37
Vt.	35	34	34	35	37	38	38	39	40	40	40	40
Mass.	34	33	33	34	36	38	38	38	40	40	41	39
R. I.	35	34	34	35	36	36	38	38	39	38	39	38
Conn.	34	33	33	34	35	36	36	37	39	38	38	38
N. Y.	34	32	32	34	36	36	38	38	39	39	38	38
N. J.	35	34	34	35	37	37	38	39	40	40	40	40
Pa.	32	30	30	32	33	34	35	35	36	37	37	37
Ohio	32	32	32	33	35	35	37	36	37	38	39	37
Ind.	32	32	32	34	36	37	38	37	39	38	38	37
Ill.	32	31	31	33	34	35	36	36	37	37	38	37
Mich.	33	32	32	33	35	36	38	37	38	38	39	38
Wis.	32	31	31	33	35	36	37	37	38	37	38	37
Minn.	33	32	32	34	36	37	37	37	39	38	38	38
Iowa	31	31	32	33	36	37	38	37	38	38	38	37
Mo.	29	28	29	30	31	32	33	33	34	34	35	34
N. Dak.	32	31	31	33	35	36	36	36	37	37	37	37
S. Dak.	32	32	32	34	36	36	37	36	38	37	37	37
Nebr.	31	31	31	33	34	36	36	35	36	36	36	36
Kans.	32	32	32	33	35	36	37	36	37	37	37	36
Del.	27	27	27	29	29	30	30	31	32	32	32	32
Md.	28	28	28	28	28	30	29	30	31	32	32	32
Va.	23	23	23	24	24	24	25	25	27	27	28	29
W. Va.	26	25	25	25	25	26	27	28	29	29	31	31
N. C.	24	24	24	24	24	24	25	25	26	27	28	29
S. C.	26	26	25	25	25	26	26	27	28	29	31	31
Ga.	24	24	24	24	24	25	25	25	27	28	29	29
Fla.	31	30	30	30	30	30	32	32	33	33	34	35
Ky.	26	26	25	27	27	28	29	29	31	31	32	32
Tenn.	23	22	23	24	24	24	24	24	26	27	28	29
Ala.	23	23	23	23	23	23	23	24	25	27	27	28
Miss.	27	27	26	27	27	27	28	28	29	31	32	33
Ark.	26	26	27	27	27	28	29	29	30	31	32	32
La.	29	29	28	28	29	29	31	30	32	32	34	35
Okla.	31	30	30	32	32	34	35	34	36	35	36	35
Tex.	29	28	28	29	29	30	31	31	32	33	34	35
Mont.	34	34	33	33	35	37	37	36	37	38	39	38
Idaho	33	33	34	35	38	39	38	38	40	39	39	38
Wyo.	33	31	32	34	35	36	38	37	38	38	38	38
Colo.	32	31	31	33	35	36	36	35	37	37	37	37
N. Mex.	33	33	32	32	33	34	35	37	39	37	39	39
Ariz.	34	32	32	33	34	36	37	38	39	39	40	40
Utah	34	34	34	36	38	39	39	40	40	42	42	40
Nev.	35	34	35	35	36	38	38	38	38	39	39	38
Wash.	33	32	33	36	38	38	37	37	39	37	37	37
Oreg.	33	34	34	35	38	39	39	39	41	40	40	40
Calif.	33	33	33	34	36	37	38	39	40	40	41	39
U. S.	28.8	28.1	28.2	29.2	29.9	30.6	31.4	31.4	32.7	33.2	33.9	33.9

1/ Preliminary

TABLE 18 — MID-MONTH PRICE PER POUND RECEIVED BY FARMERS FOR BUTTERFAT, BY STATES, 1941 1/

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine	36	36	36	37	37	38	38	38	40	40	41	41
N. H.	36	36	36	36	36	37	38	37	39	39	39	39
Vt.	38	37	36	37	39	39	40	39	40	40	40	40
Mass.	36	35	35	36	37	39	39	38	40	40	41	40
R. I.	37	36	36	37	37	37	37	37	39	38	39	39
Conn.	36	35	35	36	36	37	37	37	39	38	38	38
N. Y.	32	30	30	32	34	34	35	35	36	36	36	36
N. J.	33	32	32	34	35	35	36	36	37	37	36	36
Pa.	32	30	30	31	32	33	35	35	36	37	37	36
Ohio	30	29	30	32	33	34	35	34	35	35	35	35
Ind.	30	30	30	31	34	35	36	36	37	36	35	35
Ill.	29	28	29	31	33	34	35	34	35	34	35	34
Mich.	33	32	32	34	36	37	38	37	38	38	38	37
Wis.	37	35	35	37	39	41	43	44	40	40	40	40
Minn.	34	33	32	34	36	38	38	38	39	39	40	39
Iowa	31	31	32	33	36	37	38	37	38	38	38	37
Mo.	28	27	28	30	32	32	34	33	34	33	33	32
N. Dak.	30	29	30	32	35	35	36	34	36	36	36	35
S. Dak.	29	29	30	32	34	34	35	34	35	35	35	34
Nebr.	28	28	29	32	33	34	35	33	35	34	34	33
Kans.	29	29	29	32	34	34	35	33	34	34	34	33
Del.	29	29	29	30	31	33	33	34	35	35	35	34
Md.	30	29	30	30	31	33	33	34	35	35	35	34
Va.	29	28	27	28	29	31	32	31	31	31	31	31
W. Va.	29	28	27	29	29	31	34	33	33	33	33	33
N. C.	27	26	25	25	26	27	28	29	29	29	31	30
S. C.	27	27	26	27	28	30	29	28	28	29	31	31
Ga.	25	25	25	25	25	26	27	28	30	30	32	32
Fla.	30	29	29	29	29	29	29	30	31	31	32	34
Ky.	27	27	27	29	29	31	32	31	32	32	33	31
Tenn.	30	29	28	29	31	32	33	34	35	35	35	36
Ala.	25	25	25	25	27	28	30	30	32	31	31	32
Miss.	28	28	27	29	30	32	33	33	35	35	37	38
Ark.	27	27	27	29	31	32	34	32	33	33	33	32
La.	26	26	26	26	30	30	30	30	31	31	33	34
Okla.	28	28	28	30	32	33	34	33	34	33	33	33
Tex.	29	27	28	30	31	32	33	33	34	33	34	35
Mont.	31	29	29	32	35	35	34	32	35	35	35	35
Idaho	31	32	31	33	36	37	37	36	38	37	38	37
Wyo.	30	29	30	33	34	35	36	35	36	37	37	36
Colo.	28	28	29	31	33	33	34	32	34	34	34	33
N. Mex.	30	29	29	30	33	34	34	34	36	35	36	36
Ariz.	35	33	33	34	36	36	38	39	40	41	41	41
Utah	35	33	33	35	38	38	40	40	42	43	45	45
Nev.	33	32	33	34	35	37	39	38	38	38	38	38
Wash.	32	31	32	33	36	36	37	36	38	37	37	36
Oreg.	32	32	32	34	37	38	38	38	39	39	38	37
Calif.	33	34	34	35	39	39	40	40	40	39	39	38
U. S.	31.1	30.5	30.7	32.6	34.7	35.7	36.6	36.0	36.7	36.5	36.7	36.0

1/ Preliminary.

TABLE 19 — MONTHLY PRICE PER 100 POUNDS RECEIVED BY FARMERS FOR WHOLESALE MILK, BY STATES, 1941 1/

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Maine	2.25	2.20	2.15	2.10	2.15	2.25	2.40	2.60	2.70	2.80	2.95	2.90
N. H.	2.35	2.35	2.25	2.25	2.25	2.35	2.50	2.70	2.80	2.85	2.95	2.90
Vt.	2.00	2.00	1.90	1.95	2.00	2.05	2.25	2.45	2.55	2.70	2.80	2.75
Mass.	2.75	2.75	2.70	2.70	2.70	2.75	2.90	3.10	3.20	3.25	3.45	3.40
R. I.	2.80	2.75	2.65	2.65	2.75	2.80	2.95	3.15	3.20	3.30	3.45	3.40
Conn.	2.75	2.70	2.65	2.65	2.75	2.85	2.95	3.10	3.20	3.30	3.45	3.40
N. Y.	2.23	2.15	2.08	1.97	1.96	2.04	2.39	2.54	2.65	2.86	2.95	2.90
N. J.	2.90	2.85	2.81	2.73	2.65	2.71	2.84	2.90	2.95	3.30	3.40	3.45
Pa.	2.25	2.20	2.15	2.10	2.10	2.15	2.30	2.45	2.55	2.70	2.75	2.75
Ohio	2.05	2.05	2.00	2.00	2.05	2.05	2.20	2.30	2.40	2.55	2.70	2.70
Ind.	2.10	2.05	2.00	1.95	1.95	2.00	2.10	2.20	2.40	2.65	2.80	2.85
Ill.	1.75	1.75	1.75	1.80	1.85	1.90	2.00	2.10	2.35	2.40	2.50	2.50
Mich.	1.95	1.95	1.95	1.95	1.95	2.05	2.10	2.20	2.35	2.50	2.60	2.60
Wis.	1.55	1.48	1.50	1.56	1.66	1.78	1.86	1.99	2.15	2.23	2.29	2.31
Minn.	1.60	1.55	1.55	1.55	1.70	1.75	1.85	1.95	2.10	2.15	2.20	2.20
Iowa	1.85	1.80	1.75	1.75	1.80	1.85	1.85	1.90	2.00	2.10	2.15	2.15
Mo.	1.90	1.85	1.85	1.85	1.90	2.00	2.05	2.10	2.15	2.25	2.30	2.35
N. Dak.	1.95	1.90	1.85	1.85	1.90	1.90	1.90	2.00	2.10	2.15	2.15	2.15
S. Dak.	1.60	1.55	1.55	1.60	1.65	1.60	1.75	1.80	1.90	2.00	2.10	2.05
Nebr.	1.80	1.80	1.75	1.80	1.80	1.85	1.85	1.90	2.00	2.20	2.25	2.25
Kans.	1.80	1.75	1.75	1.75	1.75	1.80	1.90	1.95	2.05	2.25	2.30	2.30
Del.	2.25	2.20	2.15	2.10	2.15	2.15	2.25	2.40	2.55	2.70	2.75	2.75
Md.	2.60	2.60	2.60	2.60	2.55	2.60	2.65	2.80	2.90	3.05	3.10	3.10
Va.	2.80	2.80	2.80	2.75	2.65	2.65	2.60	2.65	2.90	3.05	3.20	3.25
W. Va.	2.30	2.30	2.25	2.20	2.20	2.20	2.25	2.35	2.45	2.55	2.75	2.75
N. C.	2.95	2.90	2.90	2.90	2.85	2.85	2.85	2.90	2.95	3.05	3.15	3.20
S. C.	2.95	2.95	2.95	2.95	2.95	2.95	3.00	3.00	3.15	3.25	3.30	3.35
Ga.	2.90	2.90	2.85	2.85	2.80	2.80	2.80	2.90	3.00	3.15	3.35	3.40
Fla.	3.30	3.35	3.30	3.15	3.10	3.10	3.10	3.20	3.25	3.40	3.70	3.70
Ky.	1.85	1.80	1.75	1.80	1.85	1.90	2.00	2.10	2.30	2.50	2.55	2.55
Tenn.	2.25	2.20	2.20	2.10	2.15	2.20	2.25	2.35	2.45	2.70	2.80	2.85
Ala.	2.25	2.25	2.25	2.15	2.10	2.10	2.20	2.25	2.30	2.50	2.65	2.70
Miss.	2.00	1.95	1.90	1.90	1.90	1.95	2.05	2.10	2.30	2.50	2.70	2.70
Ark.	2.00	1.95	1.90	1.85	1.90	1.95	2.10	2.20	2.30	2.50	2.75	2.80
La.	2.40	2.35	2.30	2.25	2.25	2.25	2.25	2.40	2.60	2.65	2.80	2.80
Okla.	1.85	1.80	1.80	1.80	1.80	1.85	1.90	2.00	2.10	2.30	2.45	2.45
Tex.	2.35	2.30	2.20	2.20	2.20	2.25	2.30	2.40	2.50	2.80	2.95	3.00
Mont.	2.10	2.00	1.95	1.95	2.00	1.95	2.00	2.05	2.10	2.15	2.20	2.15
Idaho	1.65	1.60	1.60	1.65	1.70	1.75	1.80	1.85	2.10	2.20	2.30	2.25
Wyo.	1.65	1.60	1.60	1.65	1.70	1.75	1.75	1.85	1.90	2.00	2.00	2.05
Colo.	1.70	1.65	1.65	1.65	1.70	1.75	1.80	1.90	2.00	2.15	2.25	2.25
N. Mex.	2.50	2.50	2.50	2.45	2.45	2.55	2.55	2.55	2.60	2.75	2.90	2.85
Ariz.	1.70	1.70	1.70	1.70	1.75	1.80	1.85	1.95	2.00	2.05	2.15	2.15
Utah	1.55	1.50	1.50	1.55	1.60	1.65	1.70	1.75	1.85	2.05	2.15	2.15
Nev.	1.90	1.85	1.85	1.85	1.85	1.90	1.90	1.95	2.00	2.25	2.30	2.30
Wash.	1.85	1.75	1.70	1.70	1.75	1.90	1.95	2.05	2.30	2.50	2.65	2.70
Oreg.	2.10	2.10	1.95	1.95	2.05	2.15	2.20	2.40	2.75	2.85	2.85	2.95
Calif.	2.00	2.00	2.05	2.05	2.15	2.20	2.25	2.40	2.50	2.70	2.75	2.80
U. S.	2.00	1.95	1.90	1.91	1.95	2.02	2.13	2.28	2.41	2.55	2.64	2.66

1/ Preliminary

TABLE 20 — MID-MONTH PRICE PER QUART RECEIVED BY FARMERS FOR RETAIL MILK, BY STATES, 1941 1/

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine	10.4	10.4	10.3	10.4	10.5	10.4	10.5	11.0	11.1	11.2	11.4	11.6
N. H.	11.1	11.1	11.0	10.9	11.0	11.0	11.2	11.6	12.0	12.0	12.0	12.0
Vt.	9.6	9.6	9.5	9.6	9.7	9.6	9.8	10.1	10.3	10.3	10.4	10.4
Mass.	13.0	13.1	13.1	13.1	13.2	13.0	12.9	13.3	13.5	13.6	13.6	13.8
R. I.	12.5	12.5	12.5	12.5	12.5	12.3	12.8	13.1	13.1	13.1	13.1	13.1
Conn.	12.5	12.5	12.3	12.4	12.4	12.6	13.0	13.2	13.2	13.2	13.2	13.4
N. Y.	10.6	10.6	10.6	10.7	10.7	10.7	11.0	11.3	11.3	11.4	11.5	11.5
N. J.	13.8	13.8	13.7	13.8	13.7	13.5	13.9	13.9	13.9	14.0	14.3	14.6
Pa.	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.9	12.0	12.2	12.2
Ohio	10.4	10.4	10.4	10.4	10.4	10.5	10.9	11.1	11.3	11.7	12.1	12.1
Ind.	10.2	10.3	10.3	10.3	10.1	10.3	10.5	10.7	10.9	10.9	11.2	11.5
Ill.	9.9	9.8	9.8	9.7	9.7	9.7	9.8	10.0	10.2	10.5	10.6	10.7
Mich.	9.6	9.6	9.6	9.6	9.6	9.8	10.0	10.1	10.5	10.8	10.8	11.0
Wis.	8.7	8.7	8.7	8.7	8.7	8.9	9.0	9.2	9.5	9.5	9.7	9.8
Minn.	9.1	9.1	9.1	9.0	9.1	9.2	9.3	9.3	9.3	9.4	9.4	9.5
Iowa	9.4	9.4	9.4	9.5	9.5	9.5	9.5	9.6	9.7	9.8	9.9	9.9
Mo.	8.9	8.9	8.8	8.7	8.7	9.0	9.2	9.2	9.2	9.5	9.5	9.7
N. Dak.	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.0	9.2	9.2	9.3
S. Dak.	9.0	8.9	8.9	8.9	9.0	9.1	9.1	9.1	9.3	9.4	9.5	9.7
Nebr.	8.8	8.7	8.6	8.6	8.9	8.9	8.9	9.0	9.1	9.2	9.3	9.5
Kans.	9.2	9.2	9.2	9.1	9.2	9.3	9.5	9.6	9.8	9.8	9.9	10.1
Del.	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.5	10.5	10.5	10.7	10.8
Md.	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.5	10.8	10.9	11.2	11.2
Va.	10.2	10.2	10.3	10.4	10.5	10.5	10.5	10.5	10.5	11.0	11.0	11.2
W. Va.	10.2	10.2	10.2	10.2	10.3	10.2	10.4	10.8	10.8	11.1	11.2	11.4
N. C.	11.9	11.9	12.0	12.0	12.0	11.9	12.0	12.0	12.3	12.5	12.5	12.7
S. C.	10.9	10.9	10.9	11.0	11.0	11.2	11.2	11.5	12.2	12.2	12.2	12.4
Ga.	11.1	11.1	11.0	11.0	11.0	11.1	11.2	11.3	11.8	12.2	12.2	12.5
Fla.	14.5	14.5	14.4	14.3	14.4	14.5	14.9	14.9	15.0	15.0	15.0	15.0
Ky.	9.8	9.8	9.7	9.7	9.6	9.8	10.0	10.3	10.5	10.7	10.8	11.0
Tenn.	9.8	9.8	9.9	10.0	10.0	10.0	10.0	10.0	10.2	10.6	11.0	11.1
Ala.	10.3	10.3	10.4	10.4	10.5	10.6	10.6	10.7	11.2	11.4	11.8	11.8
Miss.	9.9	10.0	9.9	10.0	10.0	10.0	10.1	10.1	10.6	11.1	11.4	11.4
Ark.	9.9	9.9	9.8	9.7	9.8	9.8	9.9	9.9	10.6	10.6	10.8	10.8
La.	10.2	10.2	10.1	10.1	10.1	10.1	10.2	10.4	11.4	11.4	11.4	11.5
Okla.	9.2	9.2	9.2	9.2	9.3	9.2	9.4	9.6	9.9	10.0	10.4	10.4
Tex.	10.1	10.1	10.0	10.1	10.0	10.2	10.3	10.4	10.8	11.0	11.1	11.3
Mont.	10.4	10.4	10.2	10.2	10.2	10.2	10.2	10.8	10.8	10.8	10.8	10.8
Idaho	9.0	9.0	9.0	9.0	9.0	9.0	9.2	9.3	9.3	10.0	10.0	10.1
Wyo.	10.4	10.3	10.3	10.2	10.4	10.4	10.7	10.8	10.8	10.8	10.8	10.8
Colo.	9.6	9.6	9.6	9.6	9.6	9.7	9.8	9.9	10.0	10.3	10.6	10.6
N. Mex.	10.7	10.7	10.7	10.8	10.8	11.0	11.0	11.0	11.7	11.7	12.0	12.0
Ariz.	10.9	10.9	10.8	10.7	10.8	10.8	10.9	10.9	11.5	11.5	11.5	11.5
Utah	7.9	7.9	7.8	7.7	7.8	8.0	8.4	8.4	8.8	8.8	8.6	8.7
Nev.	9.4	9.4	9.3	9.4	9.5	9.7	10.0	10.0	10.0	10.0	10.0	10.0
Wash.	10.0	10.0	10.0	10.0	10.1	10.1	10.6	10.9	11.0	11.4	11.4	11.5
Oreg.	10.5	10.5	10.5	10.5	10.5	10.8	11.0	11.0	11.8	11.8	11.9	11.9
Calif.	11.1	11.1	11.1	11.2	11.3	11.4	11.9	12.0	12.1	12.1	12.3	12.3
U. S.	10.42	10.41	10.39	10.41	10.44	10.50	10.67	10.82	11.03	11.18	11.33	11.42

1/ Preliminary

PRODUCTION OF MANUFACTURED DAIRY PRODUCTS

Production in 1940

The total and per capita production of manufactured dairy products in 1940 established new high records, according to final estimates of the U. S. Department of Agriculture. New peaks were set for the total output of creamery butter, American cheddar cheese, cream cheese, evaporated milk (case goods,) dried whole milk, dried buttermilk, dried skim milk, and ice cream. The production of dried casein was the third largest on record although not large enough to meet the demand, which increased imports. The output of condensed milk (case goods) was the largest since 1932. Increases over 1939 were recorded for production of domestic Swiss, Italian, cottage, pot, bakers', and Munster cheese and for condensed and evaporated milk in bulk. There were slight decreases in 1940 as compared to 1939 in the production of limburger, brick, and unclassified cheese. In terms of whole milk equivalent, the combined output of all manufactured dairy products totaled 54,549,576,000 pounds, a gain of 2,888,153,000 pounds, or 5.6 percent over the whole milk equivalent for 1939. This is a new high peak.

The per capita use of whole milk for manufacturing purposes likewise reached a new high. Averaging 413.6 pounds, it was 19 pounds, or 5 percent, higher than that of 1939, and 43 pounds, or nearly 12 percent, higher than the 5-year (1934-38) average. From 1930 to 1940 the per capita use of milk for manufacturing dairy products increased by 55.1 pounds, or 15.4 percent. The per capita use of milk for manufacturing purposes probably was increased further in 1941 as indicated by the big increase in production of American cheese and evaporated milk under the food-for-freedom program.

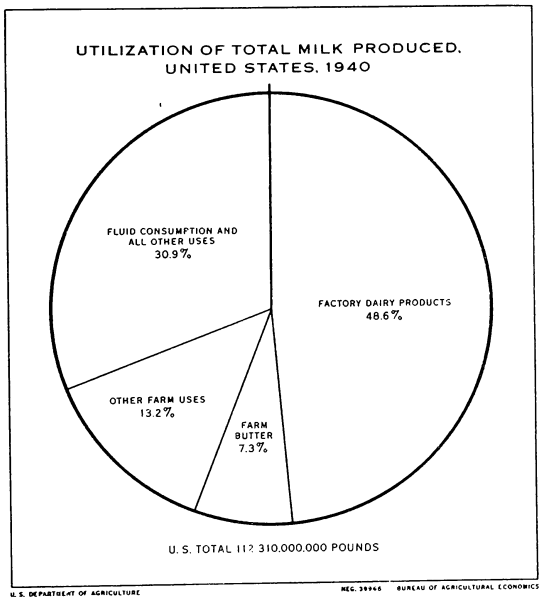


Figure 5. Of the more than 112 billion pounds of milk produced in 1940, nearly 49 percent was used in the manufacture of butter, cheese, ice cream, and concentrated milk products. Between 20 and 21 percent was churned into farm butter or was otherwise used on the farm. The remainder, or about 31 percent, was principally consumed as fluid milk and cream by persons not living on farms.

WHOLE MILK PRODUCTS

New Peak Reached by Creamery Butter Production

Creamery butter production, totaling 1,836,826,000 pounds in 1940, exceeded the 1939 output by 55,089,000 pounds, or 3.1 percent, and topped the previous peak of 1938 by about 51 million pounds, or 2.8 percent. Production exceeded the 5-year (1934-38) average by 163,498,000 pounds, or 9.8 percent.

The "Big Three" in the butter industry -- Minnesota, Iowa, and Wisconsin -- continue to lead all other States in the quantity of butter produced. The combined output of these three States in 1940 was 739,568,000 pounds, or 40.3 percent of the total United States production, compared with 704,093,000 pounds, or 39.5 percent in 1939. In general, the relation between the combined production of these three States to the total United States production has not changed materially in the last 10 to 15 years.

Nineteen forty brought no significant changes in the ranking of the principal butter producing States. Minnesota retained its lead with 311,153,000 pounds, Iowa was second with 245,312,000 pounds, and Wisconsin third with 183,103,000 pounds. This ranking has held unchanged since 1925, prior to which Iowa and Wisconsin vied for second place. Some of the other States, however, have changed their position since that date. Michigan, which ranked seventh in 1925, was fourth in 1940 with 95,766,000 pounds, and Nebraska, which ranked fourth in 1925, was fifth in 1940 with 83,327,000 pounds. Following Nebraska in 1940, Missouri produced 82,024,000 pounds; Illinois 80,642,000 pounds; Ohio 80,384,000 pounds; Kansas 75,806,000 pounds; Indiana 70,650,000 pounds; California 69,865,000 pounds; North Dakota 58,416,000 pounds; and Oklahoma 51,151,000 pounds. Production was below 50 million pounds in each of the remaining States.

Butter production in 1940 was uniformly higher than in 1939 in all of the principal geographical areas with the exception of the South Atlantic and South Central States. In both of these areas, and particularly in the South Central States, milk production was low all through the year. Extremely cold weather and heavy snows in some of the Southern States, where moderate temperatures are the rule, not only checked milk production in early 1940, but their effect upon cows not used to such conditions kept milk production from snapping back to its usual level later in the season. Pastures were likewise damaged by the unusually severe weather and failed to furnish the normal grazing during the season of flush production. Pastures were also slow in recovering later in the year when weather conditions were more favorable. In the South Atlantic States there appeared to be some diversion of milk supplies to evaporated milk, and in the South Central States to cheese.

Production of American Cheddar Cheese Establishes New High Record

The production of whole milk American cheese, which showed a drop in 1939, came back in 1940 to make a new high record at 602,790,000 pounds.

This was a gain of 65,492,000 pounds, or 12 percent over the 1939 production, and 23 percent over the 5-year (1934-38) average. With the exception of the South Atlantic States, which, as in the case of butter, showed a lower production, the gains were fairly well distributed among principal geographic regions, although the increase in the New England States -- 76 percent -- was slightly more pronounced than in other areas.

As usual, Wisconsin, with 314,867,000 pounds, produced more American cheddar cheese in 1940 than any other State. Illinois was next with 34,477,000 pounds, followed by Indiana with 29,399,000 pounds; New York 25,035,000 pounds; Oregon 21,092,000 pounds; Missouri 19,306,000 pounds; and Texas 16,096,000 pounds. With the exception of Michigan and Minnesota, which produced 15,607,000 pounds and 15,604,000 pounds, respectively, all of the remaining States produced less than 15 million pounds each. The production of cheese in Missouri in the past few years has expanded sharply. The 1940 output was 57.9 percent larger than the production of 1938, and 46.7 percent over 1939. Indications in 1941 point to still further increases. In 1940 Missouri ranked sixth among the principal cheese producing States. Ten years earlier it ranked twelfth.

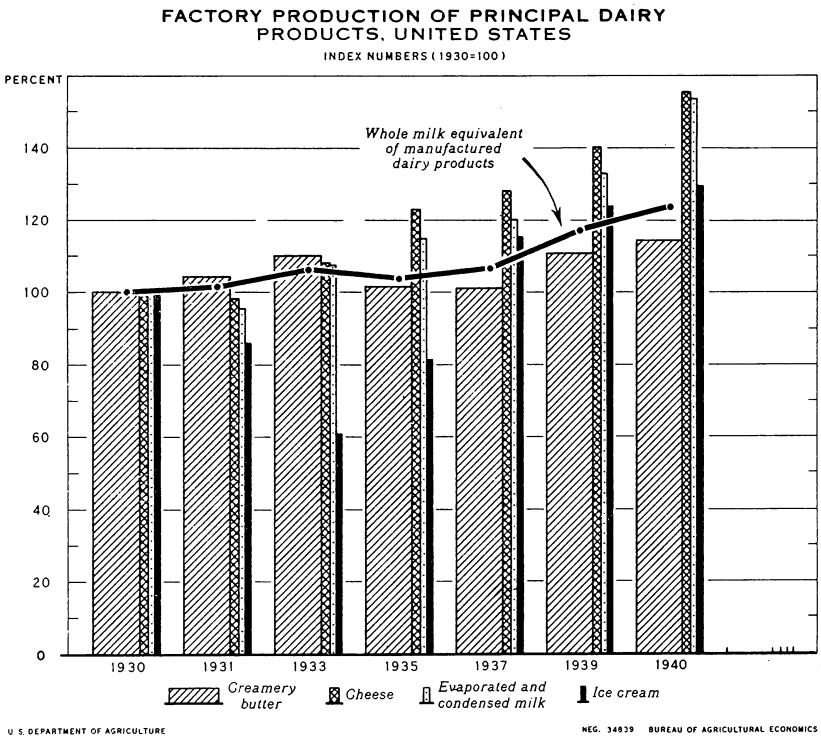


Figure 6. The whole milk equivalent of manufactured dairy products increased 24 percent from 1930 to 1940. During the decade, the volume of milk used in making cheese showed the greatest advance, followed closely by condensed and evaporated milk. Milk used for butter, although absorbing by far the greatest portion of the total milk used in manufactured products, increased less than for any other major product during the decade. Milk used for ice cream decreased sharply in the depression years but increased rapidly thereafter. Ice cream shows a greater sensitiveness to changes in consumers' purchasing power than any other dairy product.

Decreased Imports Cause Sharp Jump in Domestic Output of Swiss and Italian Varieties

In addition to American cheddar cheese, a sharply increased production was reported in the output of Swiss and Italian varieties. Some of the increase was due to a continued normal growth of the domestic foreign varieties industry, but the major part was the result of the European war which in late 1939 shut off all imports from European countries renowned for certain types of cheese. As a result, the United States production of Swiss cheese in 1940 was 14 percent larger than that of a year earlier, and Italian cheese 22 percent. These increases went a long way toward replacing cheese imported previously from Europe.

About two-thirds of the Swiss and one-half of the Italian cheese produced in the United States is produced in Wisconsin. Practically all of the remainder of the Swiss is made in Illinois, Ohio, and Idaho; and the Italian in New York, Michigan, Ohio, and California.

Cream Cheese Continues to Gain

Cream cheese apparently is continuing to gain the favor of consumers. The 1940 production of 51,183,000 pounds was the largest of record, and exceeded the 1939 production by 3,222,000 pounds, or 6.7 percent, and the 5-year (1934-38) average by 9,599,000 pounds, or 23.1 percent.

Changes in Other Varieties Mixed

The trend in the production of other varieties was slightly irregular. The output of Munster totaled 8,362,000 pounds, an increase of 1,330,000 pounds, or 18.9 percent over the 1939 production. At 25,966,000 pounds, however, the output of brick was 1,971,000 pounds, or 7 percent, smaller. Limburger production totaled 8,198,000 pounds, a decrease of 773,000 pounds, or 8.6 percent, and unclassified varieties 11,440,000 pounds, a decrease of 501,000 pounds, or 4.2 percent.

Substantial Gains in the Output of Evaporated and Condensed Milk

Production of evaporated milk (case goods) in 1940 totaled 2,464,668,000 pounds, an increase of 13.6 percent over the 1939 output, and the largest production ever reported. This increase was primarily an extension of the trend of many years, although the extent of the increase was somewhat larger than that of any of the most recent years. The production of condensed milk (case goods) showed an even larger increase over the 1939 output. Totaling 61,955,000 pounds, it was approximately 27 million pounds, or 78 percent over the 1939 production, and the largest production for any year since 1932. It was 23.9 percent above the average annual production for the 5-years, 1934-38.

The major part of the 1940 increase in condensed milk (case goods) was a direct outcome of the European war. Prior to 1940, South America

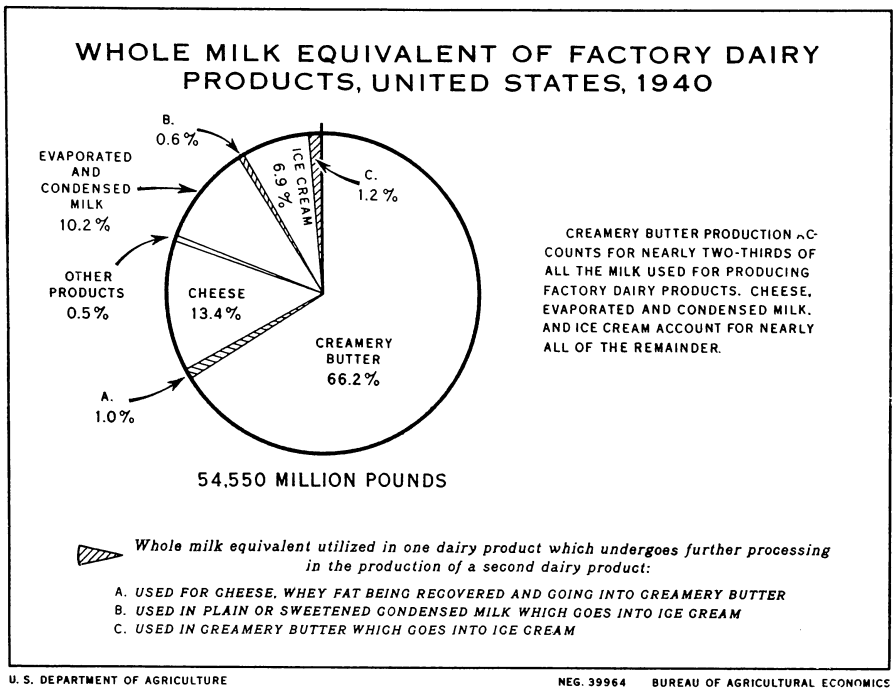


Figure 7

and the Orient -- both large users of condensed milk because of its keeping as well as nutritional qualities -- obtained the major part of their requirements from Europe. But when the war cut off shipments from that source, they turned to the United States. United States exports of both condensed milk and evaporated milk in 1940 were much larger than in 1939 -- condensed milk 12 times larger and evaporated milk more than 4 times larger.

Approximately 32 percent, or 780,496,000 pounds, of the 1940 production of evaporated milk (case goods) was made in Wisconsin; 10.1 percent, or 249,118,000 pounds, in Ohio; 9.9 percent, or 244,015,000 pounds, in California; 6.2 percent, or 151,712,000 pounds, in Illinois; 5.7 percent, or 140,665,000 pounds, in New York; 5.0 percent, or 123,486,000 pounds, in Michigan; and the larger part of the rest in Missouri, Washington, Indiana, Kentucky, Pennsylvania, Utah, and Tennessee.

Condensed milk (case goods) is now made in relatively few States. Michigan and New York, combined, accounted for over half the 1940 production, with the remainder being distributed among Mississippi, Wisconsin, Illinois, California, and Oregon.

The production of evaporated and condensed milk (bulk goods) was also much larger than in 1939. Condensed skim milk totaled 166,017,000 pounds, an increase of 8.6 percent, and condensed unskimmed 76,138,000 pounds, or 38.7 percent. The 1940 output of unsweetened condensed milk, bulk goods, (plain condensed) skimmed, totaled 246,910,000 pounds, an

increase of 10.7 percent. Unsweetened condensed, unskimmed, totaled 128,017,000 pounds, a gain of 19.6 percent.

Production of Dried Whole Milk Up Sharply

An expansion in the use of dried whole milk in 1940 resulted in an increase of around 20 percent over the 1939 output. A new peak in output was established. The 29,409,000 pounds produced in 1940 was also 11,678,000 pounds, or 65.9 percent, larger than the 1934-38 average. From 1930 to 1940, the production of dried whole milk practically doubled, but most of the increase came in the 3 years 1938, 1939, and 1940.

Approximately 41 percent, or 12,075,000 pounds, of the 1940 output was made in Wisconsin. Ohio ranked second with 5,098,000 pounds, followed closely by New York and Michigan with 4,953,000 pounds and 4,577,000 pounds, respectively. With the exception of 1,588,000 pounds produced in California, the remainder was made in rather small quantities in Tennessee, Indiana, Texas, Illinois, Pennsylvania, Washington, Kentucky, and Kansas.

A Moderate Increase in Ice Cream Production

The production of ice cream in 1940 was larger than that in 1939, but the gain was less pronounced than for some of the other principal manufactured dairy products. At 318,088,000 gallons, the ice cream industry turned out 4.5 percent more ice cream than it did in 1939, and 34.2 percent more than in the 5-year (1934-38) average. The 1940 output was also the largest for any year in the history of the ice cream industry.

Approximately 90.3 percent of the 1940 production was made primarily for wholesale; and 9.7 percent was made by small retailers, principally from purchased mix. In 1939 the proportions were 91.5 percent and 8.5 percent, respectively. The seeming increase in the proportion made by retailers, however, was due to some extent to a more complete enumeration of the retail production in 1940 than in 1939. In 1937 the Department of Agriculture started collecting data on the production of ice cream made by counter freezers and other retail units. The coverage of this type of producer has increased each year until it is now felt that the enumeration is fairly well complete. The 1940 survey covered the output of 10,352 retailers, compared with only 8,528 retailers in 1939.

With 42,102,000 gallons, Pennsylvania ranked first among all States in the production of ice cream in 1940, followed by New York with 39,525,000 gallons. For the past several years, Pennsylvania and New York have vied with each other for leadership in ice cream production. Both of these States have a large urban population, and density of population seems to be rather closely correlated with ice cream production. Illinois, which also contains a large urban population, ranked third in 1940 with 21,633,000 gallons. Ohio was next with 20,579,000 gallons, and then California with 20,360,000 gallons.

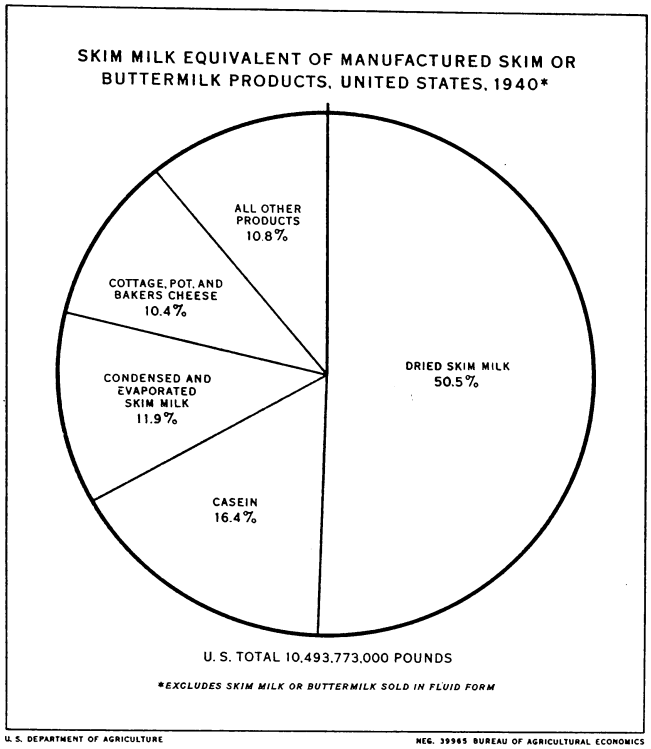


Figure 8. Ten and one-half billion pounds of skim milk and buttermilk were manufactured into skim or buttermilk products in 1940. Fully half of this was for skim milk powdered for human consumption or for animal feed. From more than 16 percent of the total, the curd was precipitated and manufactured into casein. Nearly 12 percent went into condensed or evaporated skim milk products, and between 10 and 11 percent was converted into cottage, pot, and bakers' cheese. The remaining 11 percent was chiefly buttermilk used for condensed or dried products.

TABLE 21 -- SKIM MILK EQUIVALENT OF MANUFACTURED SKIM OR BUTTERMILK PRODUCTS, UNITED STATES, 1930-40

Year	Full skim American cheese	Cottage, pot & bakers' cheese	Condensed and evaporated skim milk	Concentrated skim milk (for animal feed)	Dried or powdered skim milk	Dried casein	Condensed and dried buttermilk	Total
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
1930	11	610	952	69	2,867	1,498	1,000	7,007
1931	7	635	863	83	2,881	1,261	750	6,480
1932	4	647	782	34	2,972	872	693	6,004
1933	11	630	730	52	3,169	860	737	6,189
1934	2	645	789	38	3,244	1,333	787	6,838
1935	4	685	899	54	3,273	1,344	760	7,019
1936	4	750	1,043	38	3,845	1,647	828	8,155
1937	3	827	1,129	30	4,094	2,409	849	9,341
1938	3	896	1,192	40	4,942	1,733	971	9,777
1939	4	1,042	1,132	35	4,492	1,459	997	9,161
1940	4	1,089	1,244	45	5,300	1,729	1,083	10,494

SKIM MILK PRODUCTS

Dried Skim Milk Up Sharply

After faltering temporarily in 1939, the production of dried skim milk again resumed its upward trend. The 1940 output totaled 481,805,000 pounds -- a new record. This production was 18 percent larger than that of 1939 and 36.6 percent larger than the 5-year (1934-38) average. Recent programs to popularize the use of dried skim milk for human consumption apparently are meeting with some success. Production of dried skim milk for human consumption during 1940 showed an increase of 20 percent, while that for animal feed was only 14 percent. In 1939, when production of dried skim milk dropped, the decrease was considerably less sharp for human consumption than for animal feed.

As in other years, Wisconsin, California, New York, and Michigan produced about two-thirds of the 1940 output.

Substantial Increase in Dried Casein

Production of dried casein also showed a substantial increase. The 1940 output was 46,616,000 pounds, an increase of about 6 million pounds, or 14 percent, over 1939. That production, however, was considerably short of the peak of 67,467,000 pounds in 1937.

The domestic production of casein in recent years generally has been sufficient for domestic needs, but in 1940 fell far short of those requirements. As a result, the 1940 imports of casein were, with one exception--1936--the largest since 1930. Imports were again large in 1941.

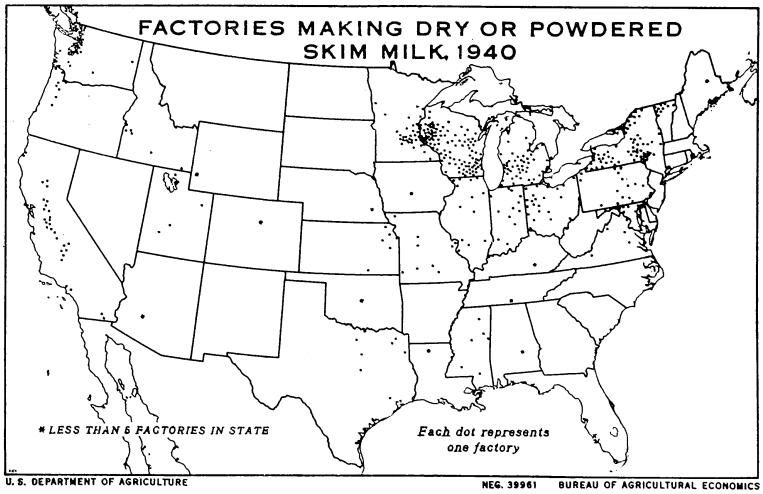
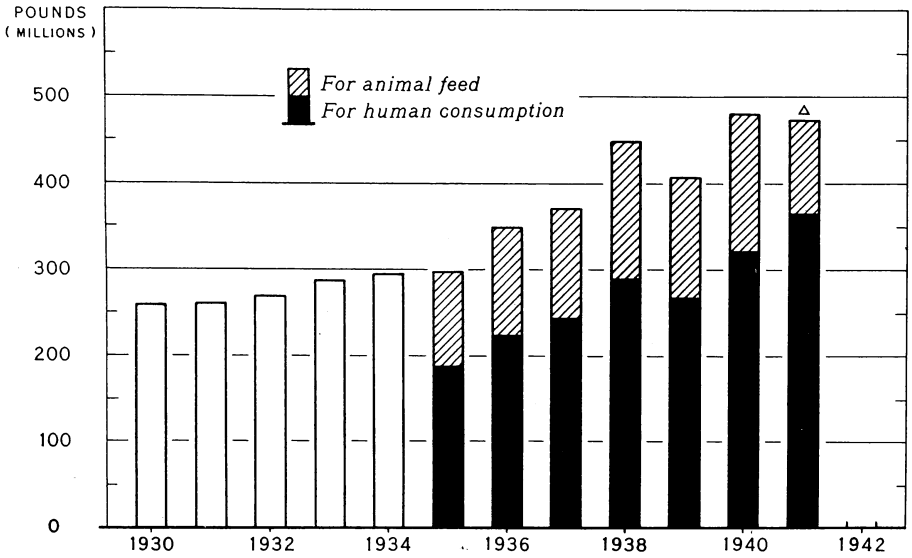


Figure 9. Wisconsin, where large quantities of milk are separated at creameries and receiving plants to obtain butterfat for making butter and cream for shipment to Chicago, Milwaukee, Philadelphia, and other cities, leads all States in the number of dried skim milk plants.

New York, with practically all of its deliveries of milk to factories in the form of whole milk and with a heavy demand for cream by the great population centers of the Northeast, is second in the number of dried skim milk plants. Other important States are: Michigan, California, Minnesota, Ohio, and Pennsylvania.

DRIED OR POWDERED SKIM MILK PRODUCTION, UNITED STATES, 1930-41*



* NO SEPARATION BETWEEN DRIED SKIM MILK FOR HUMAN CONSUMPTION AND THAT FOR ANIMAL FEED IS AVAILABLE FROM 1930 THROUGH 1934

Δ PRELIMINARY

U. S. DEPARTMENT OF AGRICULTURE NEG. 39970 BUREAU OF AGRICULTURAL ECONOMICS

Figure 10. The production of dried or powdered skim milk nearly doubled during the decade 1930-40. Production in 1941, according to preliminary reports, did not quite equal the record 1940 production, largely because the manufacture of American cheddar cheese and evaporated milk has had first call on available whole milk supplies.

The proportion of dried skim production for human food to animal feed increased sharply in 1941 as a result of the greater need for powdered skim milk for human consumption during the war emergency.

Cottage Cheese Higher, and a New Peak

Totaling 174,257,000 pounds, the 1940 output of cottage cheese was 7,537,000 pounds, or 4.5 percent larger than the 1939 production, and 52,558,000 pounds, or 43.2 percent larger than the 5-year (1934-38) average. During the 10 years of 1931-40, production increased almost 72 percent.

New Top for Dried Buttermilk

Dried buttermilk production in 1940 totaled 67,931,000 pounds, an increase of 9.2 percent over the 1939 output, and 25.2 percent over the 5-year (1934-38) average. It was also the largest production ever reported. Dried buttermilk, however, has increased much less rapidly than the production of a number of other dried products. Between 1931--when the production totaled 50,535,000 pounds--and 1940, the increase was only 17,396,000 pounds, or 34 percent.

TABLE 22 — PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY MONTHS, UNITED STATES, 1940

Manufactured product	Factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Creamery butter (including whey butter)	4,692	129,558	[illegible]	140,730	153,628	195,332	206,555	187,687	167,704	146,247	136,812	117,783	126,647	1,836,826
Renovated or Process butter	1/	306	269	179	151	213	232	203	187	223	223	214	272	2,672
American Cheddar cheese:														
Whole milk	2,700	32,280	33,945	41,704	48,996	67,702	77,343	68,321	59,776	53,460	47,923	36,073	35,267	602,790
Part skim	55	267	232	212	310	597	578	372	296	299	256	215	256	3,890
Full skim	10	12	7	14	14	19	13	13	12	29	16	14	84	247
Swiss cheese (including block)	272	2,032	2,072	2,901	3,874	5,644	6,294	5,712	5,337	4,784	4,290	3,092	2,627	48,659
Munster cheese	75	737	714	860	816	750	689	537	568	582	669	646	794	8,362
Brick cheese	310	2,003	1,951	2,243	2,381	2,973	3,265	2,414	1,835	1,621	1,644	1,654	1,982	25,966
Limburger cheese	93	525	494	628	734	1,015	1,058	823	645	645	634	518	479	8,198
All Italian varieties of cheese	101	1,655	1,802	2,440	1,980	2,009	2,002	1,942	1,816	1,757	2,112	2,389	3,098	25,002
Cream cheese	61	4,339	4,347	4,666	4,056	4,515	3,672	3,797	3,635	4,031	4,405	5,038	4,682	51,183
All other varieties of cheese	91	859	829	884	784	901	885	796	873	1,008	1,139	1,210	1,272	11,440
Cottage, Pot and Bakers' cheese	1,783	12,525	14,506	15,716	14,777	15,993	15,882	15,679	15,041	13,462	14,106	12,712	13,858	174,257
Sweetened condensed milk:														
Case goods - (Skimmed	1/	220	151	139	126	150	172	165	136	74	209	202	128	1,872
(Unskimmed	13	2,557	3,250	3,313	2,770	4,606	5,957	6,774	6,062	6,552	7,711	6,147	6,256	61,955
Bulk goods - (Skimmed	163	12,202	11,861	13,499	14,405	19,805	21,264	15,553	13,154	11,938	11,448	9,358	11,530	166,017
(Unskimmed	85	6,878	5,711	6,558	6,635	9,263	9,263	6,463	5,328	5,344	5,530	5,018	4,147	76,138
Unsweetened condensed milk (plain condensed)														
Bulk goods - (Skimmed	279	13,224	14,609	18,218	20,610	25,623	27,580	28,314	25,443	20,696	18,115	17,176	17,302	246,910
(Unskimmed	118	8,037	7,103	8,188	9,800	14,429	15,679	15,228	14,280	10,309	9,537	8,225	7,202	128,017
Evaporated milk (unsweetened):														
Case goods - (Unskimmed	142	158,212	171,125	201,286	225,606	273,824	293,173	259,114	229,696	197,991	171,881	134,192	148,568	2,464,668
Concentrated skim milk (for animal feed)	23	883	1,000	1,267	1,609	1,751	1,980	1,710	1,069	867	880	778	1,097	14,891
Condensed or evaporated buttermilk (including concentrated product)	119	8,544	7,712	8,187	9,094	12,018	12,070	11,583	9,993	9,281	9,081	7,043	7,236	111,842
Dry or powdered buttermilk	324	5,375	5,363	5,774	5,870	7,099	7,407	6,617	5,575	4,562	4,564	4,388	5,337	67,931
Dry or powdered whole milk	51	2,047	1,257	2,048	2,260	3,706	3,630	3,752	2,143	1,883	2,273	2,216	2,194	29,409
Dry or powdered skim milk (human consumption)	273	24,495	23,370	27,442	29,036	35,358	38,578	31,094	26,631	22,157	22,564	19,030	22,088	321,843
Dry or powdered skim milk (animal feed)	321	10,931	11,148	14,987	17,776	20,585	19,664	13,705	11,935	10,685	10,556	8,462	9,528	159,962
Total dry or powdered skim milk	451	35,426	34,518	42,429	46,812	55,943	58,242	44,799	38,566	32,842	33,120	27,492	31,616	481,805
Dry or powdered cream	1/	2	4	7	2	4	3	-	7	11	5	4	5	54
Dry or powdered whey	37	4,526	6,200	7,572	9,422	11,228	11,956	9,642	7,155	6,072	5,866	5,159	6,198	90,996
Dried casein (skim milk or buttermilk product)	203	2,712	2,921	3,865	4,818	5,486	6,336	4,825	3,631	3,354	2,962	2,601	3,105	46,616
Malted milk powder	10	1,639	1,740	1,855	2,129	1,902	1,735	1,278	1,345	1,539	1,656	1,557	1,649	20,021
		1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream:														
Made in plants	4,191	10,995	13,764	17,522	22,607	31,441	36,103	42,065	36,838	25,760	20,226	15,346	14,432	287,099
Made by counter freezers and other small retailers	10,352	1,236	1,512	1,945	2,422	3,276	3,812	4,401	3,960	2,873	2,230	1,675	1,647	30,989
Total manufactured	14,543	12,231	15,276	19,467	25,029	34,717	39,915	46,466	40,798	28,633	22,456	17,021	16,079	318,088
Sherbets (does not include water ices) 2/	5,156	249	305	441	640	945	1,147	1,305	1,115	704	539	367	332	8,089
Ice milk	1,709	415	471	694	889	1,322	1,497	1,745	1,582	1,183	953	611	516	11,878
Frozen custards	284	11	10	22	32	57	73	83	59	33	20	10	10	420
Frosted or frozen malted milk	2,127	76	91	126	184	256	351	393	348	272	180	120	93	2,490

1/ Less than five firms reporting
2/ Includes that made by counter freezers and other small retailers not separated.

TABLE 23 -- PRODUCTION OF MANUFACTURED DAIRY PRODUCTS IN THE UNITED STATES, 1930 - 1940

Product	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Creamery butter 1/	1,597,747	1,667,452	1,694,132	1,762,688	1,694,708	1,632,380	1,629,407	1,623,971	1,726,172	1,781,737	1,836,826
Renovated or process butter	1,850	1,236	950	1,079	1,548	2,016	2,456	2,715	2,785	2,616	2,672
American cheese:											
Whole milk	378,509	374,648	370,743	408,631	435,491	468,999	487,576	492,042	560,542	537,298	602,790
Part skim	3,653	3,108	3,319	6,338	5,550	6,514	5,314	4,794	5,825	4,247	3,890
Full skim	669	416	225	680	109	225	277	172	164	236	247
Swiss cheese (incl. block)	26,393	28,234	25,533	40,287	39,449	42,622	40,078	41,504	43,084	42,631	48,659
Brick & Munster cheese	33,548	35,484	36,973	36,057	38,447	37,522	38,081	35,643	34,995	34,969	34,328
Limburger cheese	8,473	8,508	7,897	9,469	9,425	9,535	11,582	8,165	9,307	8,971	8,198
Cream & Neufchatel cheese	33,520	33,637	31,608	33,438	40,458	38,971	40,448 3/	43,987 3/	44,056 3/	47,961 3/	51,183 3/
All Italian varieties of cheese	8,573	3,493	3,795	4,759	5,517	10,628	11,311	13,520	16,461	20,509	25,002
All other varieties of cheese	7,029	4,851	4,010	4,076	4,676	5,890	7,234	9,171	11,055	11,941	11,440
Total cheese 2/	499,698	491,963	483,878	543,055	579,013	620,731	642,274	648,825	725,325	708,527	785,490
Cottage, pot, & bakers' cheese	97,641	101,617	103,524	100,854	103,195	109,579	120,050	132,355	143,315	166,720	174,257
Condensed milk (sweetened)											
Case goods:											
Skimmed	2,092	1,757	1,167	1,260	1,696	1,625	1,702	2,150	2,045	1,454	1,872
Unskimmed	121,626	97,469	70,288	53,880	60,652	52,985	47,361	47,446	41,539	34,732	61,955
Bulk goods:											
Skimmed	158,971	140,361	120,923	114,936	120,365	133,417	155,640	154,755	165,136	152,886	166,017
Unskimmed	62,421	45,887	42,628	40,964	43,383	36,907	49,618	48,293	48,021	54,897	76,138
Unsweetened condensed milk (plain condensed) 4/ Bulk goods:											
Skimmed	156,212	145,416	138,646	127,197	140,913	164,372	190,404	219,378	230,143	223,001	246,910
Unskimmed	128,203	110,038	96,052	86,992	92,414	102,833	129,601	133,124	128,594	107,026	128,017
Evaporated milk (unsweetened)											
Case goods:											
Unskimmed	1,449,149	1,428,993	1,570,612	1,716,700	1,711,570	1,838,890	2,043,759	1,902,545	2,104,198	2,170,601	2,464,668
Condensed or evaporated buttermilk	96,431	64,619	52,167	50,175	65,659	70,543	89,585	87,855	89,481	104,288	111,842
Dried or powdered buttermilk	64,601	50,535	48,712	53,260	53,636	49,823	50,781	53,141	63,910	62,187	67,931
Powdered whole milk	15,440	12,627	11,983	13,026	15,869	19,432	18,180	13,676	21,496	24,472	29,409
Powdered skim milk	260,675	261,938	270,194	288,114	294,935	297,506	349,550	372,203	449,291	408,380	481,805
Powdered cream	400	161	80	154	65	44	178	79	40	49	54
Dried casein (skim milk or buttermilk product)	41,965	35,335	24,428	24,087	37,331	37,638	46,140	67,467	48,549	40,878	46,616
Malted milk powder	22,691	19,197	13,215	12,430	13,569	15,485	18,495	19,785	15,394	19,744	20,021
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream of all kinds	240,750 5/	208,239 5/	154,604 5/	148,913 5/	179,594 5/	199,385 5/	243,551 5/	280,901 6/	281,939 7/	304,522 8/	318,088

1/ Includes whey butter.
2/ Does not include full skim cheese.
3/ Cream cheese only
4/ Unsweetened condensed milk (plain condensed) was classified as "Evaporated milk (unsweetened,) bulk goods," in previous years.
5/ Production in ice cream plants.
6/ Includes approximately 1,249 counter freezers and other small retailers, with a combined production of around 5,395,000 gallons in the States of New York, New Jersey, Georgia, Minnesota and Idaho. Also includes some such plants in other States whose production is not separate. Very little of the ice cream made by these units in 1936 was reported in the survey for that year. The reported production of ice cream in 1937, therefore, is not strictly comparable with that reported for 1936.
7/ Includes 5,339 counter freezers and small retailers producing 18,442,000 gallons, part of which was not reported in 1937 and very little in earlier years.
8/ Includes 8,528 counter freezers and small retailers producing 25,990,000 gallons of ice cream.

TABLE 24 -- PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY GEOGRAPHIC DIVISIONS, UNITED STATES, 1939 AND 1940

Manufactured product	New England		Middle Atlantic		East North Central		West North Central		South Atlantic		South Central		Mountain		Pacific		U. S. Total	
	1939	1940	1939	1940	1939	1940	1939	1940	1939	1940	1939	1940	1939	1940	1939	1940	1939	1940
	1000 lbs.		1000 lbs.		1000 lbs.		1000 lbs.		1000 lbs.		1000 lbs.		1000 lbs.		1000 lbs.		1000 lbs.	
Creamery butter (including whey butter)	2,863	3,083	31,513	37,832	494,659	510,549	868,420	899,797	16,898	16,480	143,250	137,197	91,077	92,872	133,057	139,020	1781,737	1836,826
Renovated or Process butter	-	-	-	-	-		-	-	1,101	1,125	1,515	1,547	-	-	-	-	2.616	2.672
American Cheddar cheese:																		
Whole milk	695	1,226	23,524	26,455	362,196	406,716	41,530	52,139	1,040	878	50,993	55,462	17,976	19,395	39,344	40,519	537,298	602,790
Part skim	-	-	382	687	416	595	652	335	-	-	1,087	965	1,321	948	389	360	4,247	3,890
Full skim	-	-	22	103	82	4	-	-	-	-	-	-	-	6	132	134	236	247
Swiss cheese (including block)	-	-	807	909	38,497	43,842	-	14	69	43	-	-	2,781	3,264	477	587	42,631	48,659
Munster cheese	-	-	314	441	6,718	7,919	-	-	-	-	-	-	-	2	-	-	7,032	8,362
Brick cheese	-	-	2	9	26,878	25,132	136	30	-	-	511	370	345	296	65	129	27,937	25,966
Limburger cheese	-	-	2,087	2,264	6,486	5,619	393	311	-	-	-	-	-	3	5	1	8,971	8,198
All Italian varieties of cheese	655	613	5,852	6,311	13,037	16,637	59	162	-	-	114	115	-	24	792	1,140	20,509	25,002
Cream cheese	1,124	1,325	27,860	32,004	13,252	12,641	144	25	-	-	2,867	2,490	1	-	2,713	2,698	47,961	51,183
All other varieties of cheese	434	344	5,868	3,687	3,168	4,709	134	335	-	-	1	3	220	265	2,116	2,097	11,941	11,440
Cottage, Pot & Bakers' cheese	11,308	11,572	38,199	45,973	49,837	51,408	14,354	15,298	4,984	5,185	7,356	7,194	4,068	4,692	36,614	32,935	166,720	174,257
Sweetened condensed milk:																		
Case goods - (Skimmed	-	-	-	-	1,454	1,872	-	-	-	-	-	-	-	-	-	-	1,454	1,872
(Unskimmed	10	-	8,798	16,904	14,119	28,094	-	-	-	-	10,655	9,705	411	193	739	7,059	34,732	61,955
Bulk goods - (Skimmed	10,909	14,420	30,258	37,653	87,784	86,030	15,866	16,723	3,325	5,487	1,334	1,671	56	166	3,354	3,867	152,886	166,017
(Unskimmed	1,804	688	9,909	17,651	29,586	42,836	12,022	13,604	-	-	458	261	-	-	1,118	1,098	54,897	76,138
Unsweetened condensed milk (plain condensed):																		
Bulk goods - (Skimmed	14,653	12,692	65,576	71,738	69,941	85,382	20,033	22,230	10,993	12,534	17,067	16,442	1,476	1,517	23,262	24,375	223,001	246,910
(Unskimmed	214	3,195	33,956	39,159	58,340	66,430	3,733	6,726	5,284	7,631	1,312	1,729	233	318	3,954	2,829	107,026	128,017
Evaporated milk (unsweetened):																		
Case goods - (Unskimmed	-	-	171,101	196,655	1216,126	1376,942	142,530	182,477	43,565	52,745	184,364	183,235	94,625	105,513	318,290	367,101	2170,601	2464,668
Concentrated skim milk (for animal feed)	-	-	7,167	8,557	1,467	2,657	1,715	2,062	-	-	114	-	-	-	1,223	1,615	11,686	14,891
Condensed or evaporated buttermilk (including concentrated product)	-	-	5,784	6,673	37,285	33,896	45,781	55,670	-	-	6,257	6,221	1,585	1,496	7,596	7,886	104,288	111,842
Dry or powdered buttermilk	-	-	338	154	17,244	19,409	36,780	40,060	-	77	2,769	2,910	1,907	1,830	3,149	3,491	62,187	67,931
Dry or powdered whole milk	-	-	4,535	5,020	17,408	22,223	434	10	-	-	1,234	520	-	-	861	1,636	24,472	29,409
Dry or powdered skim milk (human consumption)	7,302	12,112	57,265	70,850	106,519	121,975	27,927	36,343	2,773	3,592	6,567	6,841	10,095	11,331	49,412	58,799	267,860	321,843
Dry or powdered skim milk (animal feed)	1,852	2,741	36,977	45,279	52,206	59,754	10,183	11,476	3,786	1,873	2,319	2,211	8,520	10,094	24,677	26,534	140,520	159,962
Total dry or powdered skim milk	9,154	14,853	94,242	116,129	158,725	181,729	38,110	47,819	6,559	5,465	8,886	9,052	18,615	21,425	74,089	85,333	408,380	481,805
Dry or powdered cream	-	-	-	15	42	39	-	-	-	-	7	-	-	-	-	-	49	54
Dry or powdered whey	188	8	10,729	14,554	16,453	29,274	768	9,056	-	-	-	673	1,452	2,002	26,751	35,429	56,341	90,996
Dried casein (skim milk or buttermilk product)	2,288	2,610	7,683	8,175	14,310	14,051	3,554	5,467	-	-	125	312	2,273	2,650	10,645	13,351	40,878	46,616
Malted milk powder	-	-	-	-	16,171	15,445	-	-	-	-	-	-	3,573	4,576	-	-	19,744	20,021
	1000 gal.		1000 gal.		1000 gal.		1000 gal.		1000 gal.		1000 gal.		1000 gal.		1000 gal.		1000 gal.	
Ice cream:																		
Made in plants	19,743	20,180	79,127	80,836	66,253	69,530	29,194	29,976	26,923	28,768	25,907	26,435	7,037	7,307	24,348	24,067	278,532	287,099
Made by counter freezers and other small retailers	1,237	1,494	8,793	8,441	6,349	8,295	2,936	3,021	1,312	1,656	1,899	2,496	1,243	1,482	2,221	4,104	25,990	30,989
Total manufactured	20,980	21,674	87,920	89,277	72,602	77,825	32,130	32,997	28,235	30,424	27,806	28,931	8,280	8,789	26,569	28,171	304,522	318,088
Sherbets (does not include water ices) 1/	588	677	782	644	1,496	1,708	682	793	1,100	1,198	845	1,031	271	308	2/1,460	1,730	2/7,224	8,089

1/ Includes that made by counter freezers and other small retailers not separated.
2/ The original 1939 sherbet figure included 6,569,120 gallons of ice milk. It has been deleted here for purposes of comparison.

TABLE 25 -- PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY STATES, UNITED STATES, 1940

Manufactured product	Alabama	Arizona	Arkansas	California 3/	Colorado 4/	Connecticut	Delaware	D. C.	Florida	Georgia	Idaho 5/	Illinois 6/	Indiana 7/
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Creamery butter (including whey butter)	1,043	2,155	6,570	69,865	22,148	78	38	-	108	1,171	35,911	80,642	70,650
Renovated or Process butter	1,547	-	-	-	-	-	-	-	-	784	-	-	-
American Cheddar cheese:													
Whole milk	1,578	158	3,796	9,697*	1,452	-	-	-	-	30	10,641	34,477	29,399
Part skim	-	120	44	262	817					-	-	399	87
Full skim	-	-	-	134	-	-	-	-	-	-	-	4	-
Swiss cheese (including block)	-	-	-	370	-	-	43	-	-	-	2,334	6,161	-
Munster cheese	-	-	-	-	-	-	-	-	-	-	-	167	-
Brick cheese	-	-	-	27	-	-	-	-	-	-	281	1,959	-
Limburger cheese	-	-	-	-	-	-	-	-	-	-	-	111	-
All Italian varieties of cheese	-	-	115	1,103	8	167	-	-	-	-	-	435	-
Cream cheese	-	-	-	2,520	-	-	-	-	-	-	-	1,357	-
All other varieties of cheese	-	234	-	1,906	15	-	-	-	-	-	-	2,735	-
Cottage, Pot & Bakers' cheese	221	763	14	25,076	1,920	742	2	259	635	98	294	6,859	6,662
Sweetened condensed milk:													
Case goods -(Skimmed	-	-	-	-	-	-	-	-	-	-	-	-	-
(Unskimmed	-	-	-	4,109	-	-	-	-	-	-	-	5,281	-
Bulk goods -(Skimmed	-	-	-	3,348	16	9	-	-	-	-	150	8,622	22,112
(Unskimmed	-	-	-	807	-	-	-	-	-	-	-	4,757	10,899
Unsweetened condensed milk (plain condensed):													
Bulk goods -(Skimmed	1,122	-	-	16,912	1,311	959	-	-	24	-	-	12,692	7,584
(Unskimmed	-	285	-	1,647	9	55	-	-	-	-	-	4,641	20,182
Evaporated milk (unsweetened):													
Case goods - Unskimmed	3,165	7,626	-	244,015	18,016	-	-	-	-	-	27,200	151,712	72,130
Concentrated skim milk (for animal feed)	-	-	-	765	-	-	-	-	-	-	-	19	1,463
Condensed or evaporated buttermilk (including concentrated product)	-	-	-	7,032	73	-	-	-	-	-	876	13,150	6,268
Dry or powdered buttermilk	-	199	156	2,883	571	-	-	-	-	-	808	656	2,085
Dry or powdered whole milk	-	-	-	1,588	-	-	-	-	-	-	-	205	268
Dry or powdered skim milk (human consumption)	22	134	-	45,563	60	91	-	-	-	-	4,719	2,137	7,235
Dry or powdered skim milk (animal feed)	-	421	-	17,903	250	-	-	-	-	-	9,129	1,041	1,764
Total dry or powdered skim milk	22	555	-	63,466	310	91	-	-	-	-	13,848	3,178	8,999
Dry or powdered cream	-	-	-	-	-	-	-	-	-	-	-	-	-
Dry or powdered whey	-	-	-	21,242	-	-	-	-	-	-	2,002	284	4,906
Dried casein (skim milk or buttermilk product)	-	122	-	11,815	-	-	-	-	-	-	2,427	1,544	31
Malted milk powder	-	-	-	-	4,576	-	-	-	-	-	-	224	17
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream:													
Made in plants	1,968	631	1,118	18,119	2,816	3,490	1,470	3,969	3,029	3,024	695	18,267	8,906
Made by counter freezers and other small retailers	123	154	219	2,241	284	312	23	50	279	118	318	3,366	530
Total manufactured	2,091	785	1,337	20,360	3,100	3,802	1,493	4,019	3,308	3,142	1,013	21,633	9,436
Sherbets (does not include water ices) 1/	171	12	27	1,529	134	112	1	75	157	125	31	570	136
Ice milk	53	60	27	6,851	-	15	-	-	333	39	264	507	-
Frozen custards	5	2	3		-	35	7	19	2	6	-	165	7
Frosted or frozen malted milk	32	4	28	-	-	15	-	-	60	45	-	495	64

*Includes Monterey and high moisture Jack cheese.
1/ Includes that made by counter freezers and other small retailers.
3/ Compiled in cooperation with the California State Department of Agriculture.
4/ Compiled in cooperation with the Colorado State Department of Agriculture.
5/ Compiled in cooperation with the Idaho State Department of Agriculture.
6/ Compiled in cooperation with the Illinois State Department of Agriculture.
7/ Compiled in cooperation with the Indiana State Experiment Station.

TABLE 25 -- (Continued) PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY STATES, UNITED STATES, 1940

Manufactured product	Iowa 8/	Kansas 9/	Kentucky	Louisiana	Maine	Maryland	Mass.	Michigan 10/	Minnesota 11/	Miss. 12/	Missouri 13/	Montana 14/	Nebraska 15/
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Creamery butter (including whey butter)	245,312	75,806	20,040	1,490	102	2,163	220	95,766	311,153	4,787	82,024	13,268	83,327
Renovated or Process butter	-	-	-	-	-	341	-	-	-	-	-	-	-
American Cheddar cheese:													
Whole milk	3,981	10,852	5,989	208	-	8	-	15,607	15,604	6,984	19,306	1,227	1,414
Part skim	-	127	-	-	-	-	-	-	-	-	208	-	-
Full skim	-	-	-	-	-	-	-	-	-	-	-	6	-
Swiss cheese (including block)	14	-	-	-	-	-	-	-	-	-	-	3	-
Munster cheese	-	-	-	-	-	-	-	-	-	-	-	2	-
Brick cheese	12	-	-	-	-	-	-	65	18	-	-	15	-
Limburger cheese	-	-	-	-	-	-	-	48	311	-	-	3	-
All Italian varieties of cheese	-	-	-	-	-	-	446	2,475	-	-	162	16	-
Cream cheese	-	-	-	-	-	-	929	-	22	-	-	-	3
All other varieties of cheese	17	-	-	-	-	-	-	-	317	3	1	16	-
Cottage, Pot & Bakers' cheese	2,252	2,599	1,366	339	20	2,643	1,317	12,758	3,294	47	5,048	393	1,477
Sweetened condensed milk:													
Case goods - (Skimmed	-	-	-	-	-	-	-	1,872	-	-	-	-	-
(Unskimmed	-	-	-	-	-	-	-	17,009	-	9,705	-	-	-
Bulk goods - (Skimmed	1,066	9,121	297	-	-	2,776	-	9,582	3,626	169	1,873	-	1,037
(Unskimmed	20	2,039	-	-	-	-	-	4,863	11,391	-	154	-	-
Unsweetened condensed milk (plain condensed):													
Bulk goods - (Skimmed	3,382	2,002	794	-	1,145	5,456	-	12,930	9,942	1,983	4,298	-	2,606
(Unskimmed	411	679	5	-	-	4,180	43	15,975	460	880	5,176	-	-
Evaporated milk (unsweetened):													
Case goods - (Unskimmed	32,286	36,553	65,851	-	-	21,451	-	123,486	21,033	29,138	92,605	-	-
Concentrated skim milk (for animal feed)	1,946	-	-	-	-	-	-	-	-	-	-	-	116
Condensed or evaporated buttermilk (including concentrated product)	15,999	10,293	2,258	-	-	-	-	2,469	4,943	-	12,894	-	8,091
Dry or powdered buttermilk	5,436	3,126	874	-	-	-	-	4,825	23,493	255	2,763	115	2,753
Dry or powdered whole milk	-	10	12	-	-	-	-	4,577	-	-	-	-	-
Dry or powdered skim milk (human consumption)	-	2,865	832	183	418	2,469	-	22,869	18,457	565	12,053	-	2,968
Dry or powdered skim milk (animal feed)	517	810	473	-	-	1,233	-	14,024	7,014	721	2,967	-	168
Total dry or powdered skim milk	517	3,675	1,305	183	418	3,702	-	36,893	25,471	1,286	15,020	-	3,136
Dry or powdered cream	-	-	-	-	-	-	-	-	-	-	-	-	-
Dry or powdered whey	-	-	572	-	-	-	-	1,466	9,056	-	-	-	-
Dried casein (skim milk or buttermilk product)	484	-	-	-	230	-	-	29	4,824	-	159	24	-
Malted milk powder	-	-	-	-	-	-	-	-	-	-	-	-	-
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream:													
Made in plants	6,317	3,138	1,653	2,121	1,587	5,497	11,405	15,207	7,685	1,454	8,106	1,177	2,558
Made by counter freezers and other small retailers	786	497	376	104	171	137	728	1,207	468	142	687	396	301
Total manufactured	7,103	3,635	2,029	2,225	1,758	5,634	12,133	16,414	8,153	1,596	8,793	1,573	2,859
Sherbets (does not include water ices)	154	60	69	123	33	60	444	448	96	103	271	34	154
Ice milk	118	18	6	3	-	14	65	-	-	21	98	-	18
Frozen custards	4	5	5	-	-	-	6	-	-	-	18	-	1
Frosted or frozen malted milk	95	64	53	33	-	-	27	-	151	57	194	-	84

Compiled in cooperation with the following:
8/ Iowa State Department of Agriculture
9/ Kansas State Board of Agriculture
10/ Michigan State Department of Agriculture
11/ Minnesota State Department of Agriculture
12/ Mississippi State Department of Agriculture and Commerce
13/ Missouri State Department of Agriculture
14/ Montana State Department of Agriculture
15/ Nebraska State Department of Agriculture

TABLE 25 (Continued) PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY STATES, UNITED STATES, 1940

Manufactured product	Nevada	New Hampshire	New Jersey	New Mexico	New York 16/	North Carolina 17/	North Dakota 18/	Ohio 19/	Oklahoma 20/	Oregon 21/	Pennsylvania 22/	Rhode Island
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Creamery butter (including whey butter)	2,345	-	33	3,087	22,217	2,487	58,416	80,384	51,151	32,130	15,582	9
Renovated or Process butter	-	-	-	-	-	-	-	-	-	-	-	-
American Cheddar cheese:												
Whole milk	16	-	-	674	25,035	400	-	12,366	7,564	21,092	1,420	-
Part skim	-	-	-	-	527	-	-	109	10	55	160	-
Full skim	-	-	-	-	103	-	-	-	-	-	-	-
Swiss cheese (including block)	-	-	-	-	227	-	-	5,377	-	217	682	-
Munster cheese	-	-	-	-	120	-	-	-	-	-	321	-
Brick cheese	-	-	-	-	8	-	-	35	-	-	1	-
Limburger cheese	-	-	-	-	2,262	-	-	7	-	-	2	-
All Italian varieties of cheese	-	-	485	-	5,558	-	-	1,277	-	-	268	-
Cream cheese	-	-	1,395	-	23,207	-	-	1,579	-	109	7,402	21
All other varieties of cheese	-	-	-	-	2,871	-	-	675	-	15	816	-
Cottage, Pot & Bakers' cheese	197	34	1,413	65	30,856	301	161	15,064	2,353	1,713	13,704	-
Sweetened condensed milk:												
Case goods - (Skimmed	-	-	-	-	-	-	-	-	-	-	-	-
(Unskimmed	-	-	-	-	16,904	-	-	234	-	2,950	-	-
Bulk goods - (Skimmed	-	1,950	74	-	24,470	-	-	16,178	600	845	13,109	-
(Unskimmed	-	-	53	-	17,092	-	-	5,480	252	-	506	-
Unsweetened condensed milk (plain condensed):												
Bulk goods - (Skimmed	-	668	126	1	43,251	1,793	-	19,764	1,020	3,103	28,361	-
(Unskimmed	-	-	16	24	25,690	968	-	4,024	-	25	13,453	-
Evaporated milk (unsweetened):												
Case goods - Unskimmed	-	-	-	-	140,665	6,592	-	249,118	-	32,836	55,990	-
Concentrated skim milk (for animal feed)	-	-	-	-	2,465	-	-	-	-	-	6,092	-
Condensed or evaporated buttermilk (including concentrated product)	-	-	-	547	3,128	-	2,425	12,009	1,962	-	3,545	-
Dry or powdered buttermilk	-	-	-	-	146	-	2,207	2,935	1,372	608	8	-
Dry or powdered whole milk	-	-	-	-	4,953	-	-	5,098	-	1	67	-
Dry or powdered skim milk (human consumption)	-	-	-	-	56,774	-	-	9,019	352	4,497	14,076	-
Dry or powdered skim milk (animal feed)	-	-	-	-	42,451	-	-	5,283	159	4,109	2,828	-
Total dry or powdered skim milk	-	-	-	-	99,225	-	-	14,302	511	8,606	16,904	-
Dry or powdered cream	-	-	-	-	15	-	-	-	-	-	-	-
Dry or powdered whey	-	-	-	-	14,554	-	-	989	-	9,834	-	-
Dried casein (skim milk or buttermilk product)	-	-	6	-	8,076	-	-	493	312	211	93	-
Malted milk powder	-	-	-	-	-	-	-	52	-	-	-	-
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream:												
Made in plants	183	603	7,046	410	33,110	3,880	932	19,078	3,287	2,022	40,680	2,352
Made by counter freezers and other small retailers	18	119	604	59	6,415	339	154	1,501	257	1,113	1,422	136
Total manufactured	201	722	7,650	469	39,525	4,219	1,086	20,579	3,544	3,135	42,102	2,488
Sherbets (does not include water ices)	15	8	124	14	295	602	13	357	101	68	225	65
Ice milk	41	25	1	33	1,420	406	-	61	66	409	-	1
Frozen custards	-	-	19	3	-	-	-	25	26	-	-	-
Frosted or frozen malted milk	-	-	55	7	-	10	13	262	74	55	-	1

Compiled in cooperation with the following:
16/ New York State Department of Agriculture
17/ North Carolina State Department of Agriculture
18/ North Dakota Department of Agriculture, Dairy Division
19/ Ohio Department of Agriculture
20/ Oklahoma State Department of Agriculture
21/ Oregon State Department of Agriculture
22/ Pennsylvania State Department of Internal Affairs

TABLE 25 (Continued) PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, BY STATES, UNITED STATES, 1940

Manufactured product	South Carolina	23/ South Dakota	24/ Tennessee	Texas	25/ Utah	Vermont	26/ Virginia	27/ Washington	West Virginia	28/ Wisconsin	Wyoming	Total 1940
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Creamery butter (including whey butter)	469	43,759	15,711	36,405	10,426	2,674	7,291	37,025	2,753	183,103	3,532	1,836,826
Renovated or Process butter	-	-	-	-	-	-	-	-	-	-	-	2,672
American Cheddar cheese:												
Whole milk	221	982	13,247	16,096	4,496	1,226	61	9,730	158	314,867	731	602,790
Part skim	-	-	-	911	11	-	-	43	-	-	-	3,890
Full skim	-	-	-	-	-	-	-	-	-	-	-	247
Swiss cheese (including block)	-	-	-	-	-	-	-	-	-	32,304	927	48,659
Munster cheese	-	-	-	-	-	-	-	-	-	7,752	-	8,362
Brick cheese	-	-	-	370	-	-	-	102	-	23,073	-	25,966
Limburger cheese	-	-	-	-	-	-	-	1	-	5,453	-	8,198
All Italian varieties of cheese	-	-	-	-	-	-	-	37	-	12,450	-	25,002
Cream cheese	-	-	1,226	1,264	-	375	-	69	-	9,705	-	51,183
All other varieties of cheese	-	-	-	-	-	344	-	176	-	1,299	-	11,440
Cottage, Pot & Bakers' cheese	10	467	804	2,050	966	9,459	602	6,146	635	10,065	94	174,257
Sweetened condensed milk:												
Case goods - (Skimmed	-	-	-	-	-	-	-	-	-	-	-	1,872
(Unskimmed	-	-	-	-	193	-	-	-	-	5,570	-	61,955
Bulk goods - (Skimmed	-	-	-	605	-	12,461	2,711	274	-	29,536	-	166,017
(Unskimmed	-	-	-	9	-	688	-	291	-	16,837	-	76,138
Unsweetened condensed milk (plain condensed):												
Bulk goods - (Skimmed	-	-	2,297	9,226	205	9,920	4,595	4,360	666	32,412	-	246,910
(Unskimmed	-	-	843	1	-	3,097	2,483	1,157	-	21,608	-	128,017
Evaporated milk (unsweetened):												
Case goods - Unskimmed	-	-	52,520	32,561	52,671	-	21,450	90,250	3,252	780,496	-	2,464,668
Concentrated skim milk (for animal feed)	-	-	-	-	-	-	-	850	-	1,175	-	14,891
Condensed or evaporated buttermilk (including concentrated product)	-	1,025	403	1,598	-	-	-	854	-	-	-	111,842
Dry or powdered buttermilk	-	282	11	242	137	-	-	-	77	8,908	-	67,931
Dry or powdered whole milk	-	-	290	218	-	-	-	47	-	12,075	-	29,409
Dry or powdered skim milk (human consumption)	-	-	2,815	2,072	5,794	11,603	1,123	8,739	-	80,715	624	321,843
Dry or powdered skim milk (animal feed)	-	-	-	858	294	2,741	640	4,522	-	37,642	-	159,962
Total dry or powdered skim milk	-	-	2,815	2,930	6,088	14,344	1,763	13,261	-	118,357	624	481,805
Dry or powdered cream	-	-	-	-	-	-	-	-	-	39	-	54
Dry or powdered whey	-	-	-	101	-	8	-	4,353	-	21,629	-	90,996
Dried casein (skim milk or buttermilk product)	-	-	-	-	77	2,380	-	1,325	-	11,954	-	46,616
Malted milk powder	-	-	-	-	-	-	-	-	-	15,152	-	20,021
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream:												
Made in plants	878	1,240	4,497	10,337	1,093	743	4,277	3,926	2,744	8,072	302	287,099
Made by counter freezers and other small retailers	100	128	184	1,091	142	28	400	750	210	1,691	111	30,989
Total manufactured	978	1,368	4,681	11,428	1,235	771	4,677	4,676	2,954	9,763	413	318,088
Sherbets (does not include water ices)	27	45	136	301	60	15	129	133	22	197	8	8,089
Ice milk	109	1	39	78	201	-	-	342	67	66	2	11,878
Frozen custards	-	2	-	41	14	-	-	-	-	-	-	420
Frosted or frozen malted milk	5	26	54	320	26	1	-	54	17	-	9	2,490

Compiled in cooperation with the following:
23/ South Dakota State Department of Agriculture
24/ Tennessee State Department of Agriculture
25/ Utah State Department of Agriculture
26/ Virginia State Department of Agriculture
27/ Washington State Department of Agriculture
28/ Wisconsin State Department of Agriculture

TABLE 26 -- CREAMERY BUTTER (including whey butter) PRODUCED IN 1940. BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	6	6	5	6	8	11	16	15	9	7	7	6	6	102
Vermont	21	181	134	217	288	257	489	204	226	252	164	119	143	2,674
Massachusetts	10	20	17	17	21	18	22	23	20	17	19	12	14	220
Rhode Island	*	-	-	1	1	1	1	1	1	1	1	1	-	9
Connecticut	8	12	10	10	8	6	5	5	6	4	4	4	4	78
New York	265	1,863	1,356	2,011	3,135	2,019	2,736	2,300	1,651	1,708	1,720	819	899	22,217
New Jersey	6	4	2	1	2	3	4	4	4	5	2	1	1	33
Pennsylvania	135	1,000	928	1,148	1,251	1,490	1,861	1,722	1,467	1,477	1,452	929	857	15,582
Ohio	186	5,237	4,813	4,966	5,466	8,061	9,484	9,398	7,949	7,563	7,035	5,340	5,072	80,384
Indiana	116	5,065	4,866	5,077	5,282	7,426	7,671	7,351	6,286	5,957	5,924	4,867	4,878	70,650
Illinois	161	5,565	5,466	5,798	6,259	8,663	8,829	7,854	7,170	6,958	6,397	5,650	6,033	80,642
Michigan	273	6,913	6,535	7,174	8,030	9,958	11,106	10,053	8,430	7,850	7,566	5,945	6,206	95,766
Wisconsin	564	12,862	12,910	14,989	16,234	19,702	21,002	18,609	16,031	14,263	13,158	10,774	12,569	183,103
Minnesota	851	25,936	25,5[illegible]	28,363	28,664	33,029	33,800	29,438	23,856	20,229	19,227	19,058	24,011	311,153
Iowa	487	17,532	17,832	19,020	20,529	25,858	26,481	24,113	23,128	19,765	18,097	15,709	17,248	245,312
Missouri	83	5,399	5,113	4,768	5,453	8,427	9,111	8,420	8,346	8,475	7,303	5,622	5,587	82,024
North Dakota	105	2,827	3,540	4,159	4,445	6,515	8,130	7,401	6,759	4,480	3,933	3,026	3,201	58,416
South Dakota	116	2,749	3,028	3,331	3,538	5,057	5,836	4,957	4,200	3,263	2,756	2,373	2,671	43,759
Nebraska	119	5,675	5,707	6,283	6,570	9,337	10,674	8,698	8,152	6,316	5,461	5,076	5,378	83,327
Kansas	123	5,449	5,595	5,571	5,910	8,506	8,410	7,147	6,878	5,835	5,695	5,346	5,464	75,806
Delaware	*	2	2	3	3	4	4	4	4	4	3	3	2	38
Maryland	5	116	108	105	115	196	253	239	278	248	249	144	112	2,163
Virginia	44	352	305	302	328	564	762	915	1,021	932	822	545	443	7,291
West Virginia	18	121	101	106	90	174	400	406	357	316	306	196	180	2,753
North Carolina	26	199	172	161	165	209	219	265	242	232	244	175	204	2,487
South Carolina	5	32	32	37	33	45	44	48	52	46	37	34	29	469
Georgia	15	90	103	85	77	107	101	103	122	83	88	106	106	1,171
Florida	12	13	11	11	11	9	10	9	6	6	7	7	8	108
Kentucky	36	1,021	1,083	974	1,014	1,765	2,269	2,343	2,728	2,126	2,029	1,403	1,285	20,040
Tennessee	56	893	885	773	879	1,366	1,588	1,931	1,953	1,876	1,503	1,070	994	15,711
Alabama	13	86	67	52	62	73	68	86	111	98	111	121	108	1,043
Mississippi	15	258	253	197	262	444	492	544	591	526	538	401	281	4,787
Arkansas	14	319	317	320	459	772	782	811	797	651	512	435	395	6,570
Louisiana	7	98	95	111	135	219	166	185	146	105	94	68	68	1,490
Oklahoma	87	3,014	3,255	3,494	3,831	5,735	5,857	5,833	5,499	4,306	3,841	3,304	3,182	51,151
Texas	101	2,269	2,187	2,406	3,048	3,767	3,956	4,125	3,603	3,106	3,019	2,526	2,393	36,405
Montana	74	858	840	946	1,087	1,524	1,612	1,473	1,243	1,017	1,004	827	837	13,268
Idaho	52	2,651	2,514	2,721	3,126	3,823	3,578	3,403	3,167	2,819	2,889	2,587	2,633	35,911
Wyoming	35	232	243	262	286	387	421	379	325	278	266	232	221	3,532
Colorado	75	1,541	1,558	1,629	1,780	2,412	2,558	2,270	2,017	1,705	1,617	1,473	1,588	22,148
New Mexico	10	218	215	244	262	306	327	310	306	258	220	200	221	3,087
Arizona	5	190	184	214	225	212	189	193	170	141	140	147	150	2,155
Utah	32	819	764	820	900	1,097	1,039	982	847	781	833	751	793	10,426
Nevada	*	177	161	178	204	236	225	222	207	187	196	175	177	2,345
Washington	122	2,304	2,090	2,517	3,535	4,512	4,351	3,780	3,281	2,826	2,934	2,554	2,341	37,025
Oregon	94	2,111	2,040	2,425	3,182	3,841	3,452	3,102	2,649	2,275	2,512	2,335	2,206	32,130
California	96	5,279	5,159	6,727	7,435	7,189	6,164	6,013	5,413	4,874	4,877	5,287	5,448	69,865
UNITED STATES	4,692	129,558	123,143	140,730	153,628	195,332	206,555	187,687	167,704	146,247	136,812	117,783	126,647	1,836,3[illegible]6

*Less than five firms reporting

TABLE 27 -- AMERICAN OR CHEDDAR CHEESE (made from whole milk) PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Vermont	7	9	5	6	93	214	303	226	145	172	34	12	7	1,226
New York	158	539	489	888	1,764	4,060	5,403	4,154	2,797	1,993	1,568	765	615	25,035
Pennsylvania	14	57	45	64	101	163	235	201	170	135	118	67	64	1,420
Ohio	16	688	792	769	862	1,336	1,479	1,431	1,192	1,249	982	820	766	12,366
Indiana	44	1,731	1,876	2,035	2,127	3,337	3,816	3,172	2,742	2,500	2,240	1,950	1,873	29,399
Illinois	92	2,026	2,131	2,412	2,584	3,880	4,095	3,567	3,191	3,018	2,852	2,364	2,357	34,477
Michigan	59	745	809	1,136	1,120	1,718	2,032	1,800	1,598	1,519	1,331	940	859	15,607
Wisconsin	1,448	18,215	19,351	23,903	26,661	33,983	40,045	34,416	29,752	26,962	24,552	18,145	18,882	314,867
Minnesota	64	957	1,053	1,300	1,387	1,685	1,909	1,612	1,426	1,257	1,134	865	1,019	15,604
Iowa	21	234	248	277	304	403	457	417	407	380	317	271	266	3,981
Missouri	37	680	722	789	1,074	1,829	2,172	2,498	2,465	2,361	2,105	1,408	1,203	19,306
South Dakota	6	64	72	91	70	113	144	101	88	61	56	49	73	982
Nebraska	6	141	136	148	151	246	226	119	61	48	48	40	50	1,414
Kansas	23	726	691	753	828	1,226	1,186	1,039	1,016	910	897	808	772	10,852
Maryland	*	-	-	2	2	1	1	2	-	-	-	-	-	8
Virginia	*	1	-	2	2	7	10	13	12	10	3	1	-	61
West Virginia	*	8	8	6	7	13	18	20	19	18	17	13	11	158
North Carolina	*	16	11	10	12	27	45	55	56	56	52	35	25	400
South Carolina	*	8	7	9	12	18	17	19	27	34	28	23	19	221
Georgia	*	6	6	1	3	6	7	-	-	-	-	1	-	30
Kentucky	17	194	204	198	272	599	781	849	862	767	623	374	266	5,989
Tennessee	22	505	520	614	849	1,376	1,598	1,771	1,796	1,585	1,194	746	693	13,247
Alabama	5	33	24	20	51	157	168	195	236	205	193	162	134	1,578
Mississippi	14	246	248	268	404	856	855	897	976	818	661	441	314	6,984
Arkansas	12	131	113	134	227	427	494	512	543	464	359	215	177	3,796
Louisiana	*	10	4	7	20	27	24	23	22	18	21	15	17	208
Oklahoma	14	345	361	430	4[illegible]4	768	957	994	969	726	620	476	444	7,564
Texas	35	849	823	1,082	1,6[illegible]1	1,953	1,868	2,029	1,679	1,354	1,145	920	793	16,096
Montana	9	55	54	59	105	144	153	118	137	126	114	90	72	1,227
Idaho	28	719	706	778	871	1,060	1,015	1,000	956	943	945	826	822	10,641
Wyoming	*	55	51	58	56	75	83	75	75	62	54	44	43	731
Colorado	15	90	102	141	138	173	201	178	91	88	85	76	89	1,452
New Mexico	*	42	45	53	63	64	64	78	79	62	49	39	36	674
Arizona	*	18	13	9	10	11	11	11	13	14	17	16	15	158
Utah	19	316	301	328	348	428	640	409	374	353	359	315	325	4,496
Nevada	*	2	1	1	3	9	-	-	-	-	-	-	-	16
Washington	20	572	605	679	870	1,090	1,096	957	821	737	785	770	748	9,730
Oregon	45	528	617	1,367	2,363	3,040	2,794	2,452	2,154	1,812	1,721	1,371	873	21,092
California	31	719	701	877	1,107	1,180	941	911	829	643	644	600	545	9,697
UNITED STATES	2,300	32,280	33,945	41,704	48,996	67,702	77,343	68,321	59,776	53,460	47,923	36,073	35,267	602,790

*Less than five firms reporting

TABLE 28 -- SWISS CHEESE (including Block) PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
New York	*	13	13	15	17	23	28	27	23	20	19	14	15	227
Pennsylvania	*	41	52	61	60	73	74	61	58	63	53	41	45	682
Ohio	32	242	246	333	430	636	694	641	568	537	486	317	247	5,377
Illinois	20	333	375	471	490	646	675	678	604	535	489	409	456	6,161
Wisconsin	200	1,148	1,150	1,753	2,583	3,867	4,398	3,885	3,707	3,280	2,908	2,040	1,585	32,304
Iowa	*	1	1	-	1	1	2	2	1	1	1	1	2	14
Delaware	*	-	-	1	2	4	6	5	4	5	6	5	5	43
Montana	*	-	-	-	-	-	-	-	-	-	3	-	-	3
Idaho	6	144	137	160	178	242	264	255	224	208	202	157	163	2,334
Wyoming	*	66	60	63	67	92	96	105	96	83	73	62	64	927
Oregon	*	14	9	13	14	23	21	22	22	22	23	19	15	217
California	*	30	29	31	32	37	36	31	30	30	27	27	30	370
UNITED STATES	272	2,032	2,072	2,901	3,874	5,644	6,294	5,712	5,337	4,784	4,290	3,092	2,627	48,659

TABLE 29 -- CREAM CHEESE PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Vermont	*	32	32	38	42	35	27	24	25	26	33	30	31	375
Massachusetts	*	82	82	81	76	76	70	69	72	72	80	83	86	929
Rhode Island	*	2	2	1	2	1	2	2	2	2	2	1	2	21
New York	7	2,069	2,017	2,057	1,845	2,083	1,668	1,760	1,660	1,786	2,054	2,182	2,026	23,207
New Jersey	*	117	95	145	94	120	116	139	125	86	97	124	137	1,395
Pennsylvania	10	478	628	658	619	711	558	571	500	583	668	731	697	7,402
Ohio	*	182	182	185	131	145	95	89	91	86	106	159	128	1,579
Illinois	5	121	124	145	115	132	101	83	85	95	105	117	134	1,357
Wisconsin	8	735	782	894	698	754	682	673	646	786	859	1,193	1,003	9,705
Minnesota	*	8	6	2	4	2	-	-	-	-	-	-	-	22
Nebraska	*	-	-	-	-	-	-	-	-	1	1	1	-	3
Tennessee	*	133	114	118	113	127	6	110	118	130	98	101	58	1,226
Texas	*	130	76	115	105	119	107	88	114	150	83	78	99	1,264
Washington	*	1	1	-	-	1	-	-	1	11	17	17	20	69
Oregon	*	18	16	16	15	13	11	11	9	-	-	-	-	109
California	7	231	190	211	197	196	229	178	187	217	202	221	261	2,520
UNITED STATES	61	4,339	4,347	4,666	4,056	4,515	3,672	3,797	3,635	4,031	4,405	5,038	4,682	51,183

*Less than five firms reporting

TABLE 30 -- BRICK CHEESE PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
New York	*	-	-	-	-	1	1	1	1	1	1	1	1	8
Pennsylvania	*	-	-	-	1	-	-	-	-	-	-	-	-	1
Ohio	5	3	2	2	2	3	3	3	4	4	5	2	2	35
Illinois	22	118	130	178	198	258	279	186	196	201	71	65	79	1,959
Michigan	*	4	3	4	5	7	7	7	6	7	5	5	5	65
Wisconsin	262	1,837	1,775	2,005	2,116	2,593	2,839	2,090	1,536	1,363	1,512	1,543	1,864	23,073
Minnesota	*	2	5	8	-	-	-	-	-	3	-	-	-	18
Iowa	*	1	1	1	2	2	1	1	1	1	1	-	-	12
Texas	*	-	-	-	2	24	66	89	57	33	45	34	20	370
Montana	*	-	-	-	-	2	3	-	-	3	1	2	4	15
Idaho	*	33	29	35	37	45	40	33	29	-	-	-	-	281
Washington	*	3	3	7	16	35	23	3	3	4	1	1	3	102
California	*	2	3	3	2	3	3	1	2	1	2	1	4	27
UNITED STATES	310	2,003	1,951	2,243	2,381	2,973	3,265	2,414	1,835	1,621	1,644	1,654	1,982	25,966

TABLE 31 -- ALL ITALIAN VARIETIES OF CHEESE PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Massachusetts	*	14	36	80	35	39	29	26	24	29	32	40	62	446
Connecticut	*	14	15	26	12	14	10	10	9	9	13	15	20	167
New York	33	366	414	717	404	443	383	408	445	411	446	460	661	5,558
New Jersey	*	35	38	70	34	28	28	31	32	39	39	51	60	485
Pennsylvania	*	19	19	12	12	23	25	27	30	28	20	29	24	268
Ohio	*	66	64	58	94	136	157	156	60	91	141	133	121	1,277
Illinois	5	50	26	26	22	33	15	13	21	22	59	60	88	435
Michigan	*	200	160	217	210	217	298	258	224	207	182	147	155	2,475
Wisconsin	20	841	937	1,110	1,101	1,034	996	940	889	833	1,079	1,158	1,532	12,450
Missouri	*	-	23	18	-	-	-	-	-	-	9	50	62	162
Arkansas	*	-	20	20	-	-	-	-	-	-	6	41	28	115
Montana	*	-	-	-	-	4	3	-	-	2	1	3	3	16
Colorado	*	-	-	-	-	-	-	-	-	-	1	4	3	8
Washington	*	4	4	2	3	4	3	3	3	1	3	4	3	37
California	17	46	46	84	53	34	55	70	79	85	81	194	276	1,103
UNITED STATES	101	1,655	1,802	2,440	1,980	2,009	2,002	1,942	1,816	1,757	2,112	2,389	3,098	25,002

*Less than five firms reporting

TABLE 32 — COTTAGE, POT AND BAKERS' CHEESE PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	*	1	1	2	2	2	2	2	2	2	2	1	1	20
New Hampshire	*	3	3	3	3	3	3	3	4	2	3	2	2	34
Vermont	17	614	757	883	811	1,068	1,039	919	789	646	697	552	684	9,459
Massachusetts	10	142	132	138	113	114	102	91	118	93	96	90	88	1,317
Connecticut	12	58	69	74	62	61	62	70	62	55	58	57	54	742
New York	197	2,263	2,414	2,712	2,242	2,675	2,858	2,658	2,691	2,345	2,557	2,349	3,092	30,856
New Jersey	15	104	135	149	145	144	121	127	126	96	90	91	85	1,413
Pennsylvania	127	1,040	1,226	1,288	1,139	1,234	1,277	1,171	1,185	1,060	1,073	978	1,033	13,704
Ohio	128	1,054	1,388	1,473	1,272	1,411	1,334	1,368	1,287	1,078	1,196	1,085	1,118	15,064
Indiana	107	445	496	556	558	601	613	634	602	554	555	525	523	6,662
Illinois	106	472	597	620	612	632	620	625	593	535	539	504	510	6,859
Michigan	183	912	1,142	1,138	1,075	1,154	1,123	1,134	1,053	963	1,024	988	1,052	12,758
Wisconsin	126	810	1,016	1,014	893	851	815	872	776	736	778	749	755	10,065
Minnesota	33	247	293	280	282	320	276	300	279	254	289	233	241	3,294
Iowa	60	160	180	193	211	219	211	217	195	173	171	160	162	2,252
Missouri	45	356	474	502	444	486	457	439	425	378	391	347	349	5,048
North Dakota	13	10	14	15	14	16	15	16	15	12	12	12	10	161
South Dakota	16	37	41	31	44	43	41	52	44	41	39	31	23	467
Nebraska	26	81	115	92	131	137	132	163	153	125	127	106	115	1,477
Kansas	69	151	185	230	247	262	257	251	244	207	206	179	180	2,599
District of Columbia	*	20	21	22	23	23	23	22	21	21	21	21	21	259
Delaware	*	-	-	1	1	-	-	-	-	-	-	-	-	2
Maryland	15	215	251	266	258	267	247	245	182	162	180	193	177	2,643
Virginia	19	34	39	46	48	62	61	59	57	53	52	51	40	602
West Virginia	27	37	40	48	63	75	82	56	53	48	45	44	44	635
North Carolina	15	20	21	26	27	29	32	28	27	26	25	22	18	301
South Carolina	*	1	1	1	1	1	1	1	1	1	1	-	-	10
Georgia	5	5	7	9	8	9	9	9	9	10	7	8	8	98
Florida	15	51	58	64	60	54	51	53	47	42	45	49	61	635
Kentucky	24	91	104	116	117	121	122	126	123	112	115	113	106	1,366
Tennessee	20	40	51	62	74	76	80	89	84	80	66	52	50	804
Alabama	6	12	15	18	17	18	21	19	22	19	19	22	19	221
Mississippi	5	2	2	3	4	5	6	6	6	5	3	3	2	47
Arkansas	*	-	1	1	2	2	3	2	2	1	-	-	-	14
Louisiana	6	19	23	29	27	32	32	35	34	33	31	22	22	339
Oklahoma	38	157	190	232	240	254	246	198	196	184	169	144	143	2,353
Texas	39	117	164	195	188	192	209	194	202	168	162	130	129	2,050
Montana	16	21	25	27	32	44	41	47	38	31	32	28	27	393
Idaho	14	14	19	19	24	31	39	34	29	22	26	19	18	294
Wyoming	8	6	7	8	6	7	8	10	10	7	9	8	8	94
Colorado	46	108	155	172	174	189	181	194	192	137	151	130	137	1,920
New Mexico	5	3	3	5	6	8	8	8	7	5	4	4	4	65
Arizona	5	54	58	72	64	70	74	70	69	63	60	56	53	763
Utah	11	70	77	79	86	92	92	98	97	73	69	64	69	966
Nevada	*	13	13	16	17	19	23	24	21	15	13	12	11	197
Washington	42	362	392	446	470	486	505	561	538	620	623	542	601	6,146
Oregon	22	148	151	171	186	204	212	161	194	74	76	68	68	1,713
California	72	1,945	1,940	2,169	2,254	2,190	2,116	2,218	2,137	2,095	2,199	1,868	1,945	25,076
UNITED STATES	1,783	12,525	14,506	15,716	14,777	15,993	15,882	15,679	15,041	13,462	14,106	12,712	13,858	174,257

*Less than five firms reporting

TABLE 33 --EVAPORATED MILK - CASE GOODS - (made from unsweetened, unskimmed milk) PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
New York	5	8,486	10,978	17,361	19,217	18,935	20,608	15,929	13,817	7,714	5,445	764	1,411	140,665
Pennsylvania	*	2,567	3,375	4,908	6,482	8,231	10,102	7,122	4,998	3,741	2,331	1,181	952	55,990
Ohio	14	15,477	15,415	17,100	18,337	26,918	32,610	29,058	24,484	21,375	18,692	14,225	15,427	249,118
Indiana	*	4,448	4,988	5,842	6,588	9,244	9,752	8,457	6,566	6,314	4,075	2,843	3,013	72,130
Illinois	10	11,728	12,609	14,691	14,870	17,465	16,969	13,782	10,627	9,577	8,942	9,047	11,405	151,712
Michigan	8	7,048	9,244	10,319	10,953	14,514	16,591	12,536	10,506	10,387	7,916	5,765	7,707	123,486
Wisconsin	38	57,008	60,118	66,722	71,003	81,684	90,332	78,040	68,866	59,560	55,384	43,281	48,498	780,496
Minnesota	*	1,518	1,627	1,862	1,937	1,974	2,328	2,069	1,606	1,491	1,454	1,408	1,759	21,033
Iowa	*	2,809	2,849	3,117	3,034	3,317	3,359	2,767	2,567	1,936	2,124	1,921	2,486	32,286
Missouri	*	4,464	4,853	5,736	7,336	11,526	10,096	10,291	9,641	8,984	8,035	5,977	5,666	92,605
Kansas	*	2,150	2,272	2,580	2,981	4,215	4,022	3,802	3,570	2,984	2,899	2,554	2,524	36,553
Maryland	*	1,056	1,325	1,494	1,902	3,108	3,088	2,158	1,503	1,923	1,871	837	1,186	21,451
Virginia	*	1,069	837	831	1,110	2,089	2,350	2,707	2,765	2,864	2,315	1,365	1,148	21,450
West Virginia	*	-	-	-	-	-	-	-	417	700	846	671	618	3,252
North Carolina	*	-	-	-	-	-	555	1,089	1,333	1,103	962	658	892	6,592
Kentucky	*	3,258	3,239	3,873	4,578	7,248	8,195	8,494	7,295	6,795	5,403	3,807	3,666	65,851
Tennessee	*	2,098	1,893	2,339	3,669	5,908	6,609	6,764	7,363	7,060	3,893	2,500	2,424	52,520
Alabama	*	12	9	23	150	354	394	515	519	457	376	324	32	3,165
Mississippi	*	1,386	1,442	1,578	2,466	3,726	3,134	3,367	3,674	3,073	2,211	1,715	1,366	29,138
Texas	*	1,683	1,695	2,256	3,433	3,589	3,619	4,075	3,664	3,067	2,205	1,578	1,697	32,561
Idaho	*	1,922	1,815	2,176	2,531	2,888	2,696	2,654	2,527	2,160	2,091	1,820	1,920	27,200
Colorado	*	1,549	1,540	1,748	1,796	1,930	1,800	1,482	1,270	1,145	1,153	1,240	1,363	18,016
Arizona	*	754	667	816	827	674	704	723	621	459	413	493	475	7,626
Utah	*	4,120	4,341	4,944	5,255	5,748	5,110	4,663	4,064	3,486	3,484	3,448	4,008	52,671
Washington	*	3,893	4,939	6,057	8,602	10,784	10,729	9,852	8,699	7,604	7,037	5,823	6,231	90,250
Oregon	*	2,385	2,548	3,226	3,854	4,479	3,842	2,305	2,727	2,298	1,739	1,523	1,910	32,836
California	15	15,324	16,507	19,687	22,695	23,276	23,579	24,413	24,007	19,734	18,585	17,424	18,784	244,015
UNITED STATES	142	158,212	171,125	201,286	225,606	273,824	293,173	259,114	229,696	197,991	171,881	134,192	148,568	2,464,668

*Less than five firms reporting

TABLE 34 -- DRIED OR POWDERED SKIM MILK FOR HUMAN CONSUMPTION PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	*	59	40	36	58	58	79	23	5	13	3	1	43	418
Vermont	8	764	809	1,173	1,354	1,586	1,650	1,115	893	675	705	386	493	11,603
Connecticut	*	28	22	15	8	2	5	3	3	1	2	1	1	91
New York	42	4,834	4,298	5,138	5,633	7,064	7,332	5,328	3,923	3,223	3,810	2,665	3,526	56,774
Pennsylvania	13	984	885	1,069	1,292	1,339	1,645	1,557	1,263	867	1,210	870	1,095	14,076
Ohio	12	664	548	650	784	1,018	1,250	1,109	890	656	554	441	455	9,019
Indiana	7	335	433	492	461	772	775	713	644	672	699	557	682	7,235
Illinois	9	135	102	51	178	290	501	199	147	121	109	118	186	2,137
Michigan	31	1,813	1,590	1,888	1,817	2,420	2,875	2,253	1,922	1,655	1,873	1,380	1,383	22,869
Wisconsin	55	6,306	6,379	6,885	6,713	8,286	9,957	7,673	6,768	5,635	5,469	4,725	5,919	80,715
Minnesota	15	1,908	2,049	2,085	1,815	1,991	1,968	1,271	973	786	851	1,107	1,653	18,457
Missouri	7	822	621	656	907	1,507	1,644	1,214	1,136	1,088	919	752	787	12,053
Nebraska	*	210	215	232	257	346	372	292	339	184	141	150	230	2,968
Kansas	5	151	129	155	200	364	342	309	362	243	222	178	210	2,865
Maryland	*	128	180	176	270	467	415	196	197	214	118	40	68	2,469
Virginia	*	82	79	97	51	72	91	91	161	149	125	51	74	1,123
Kentucky	*	36	42	54	68	111	117	115	100	68	49	33	39	832
Tennessee	*	146	169	174	190	303	226	337	366	254	275	189	186	2,815
Alabama	*	10	-	-	-	8	4	-	-	-	-	-	-	22
Mississippi	*	24	10	-	47	67	67	57	70	48	100	50	25	565
Louisiana	*	1	32	41	40	33	6	11	10	4	1	2	2	183
Oklahoma	*	7	1	3	31	60	75	65	60	22	14	7	7	352
Texas	6	72	86	114	191	239	280	318	251	164	174	108	75	2,072
Idaho	*	399	357	377	408	468	432	418	377	346	383	366	388	4,719
Wyoming	*	50	48	55	59	73	73	62	34	34	30	30	76	624
Colorado	*	-	-	-	-	32	28	-	-	-	-	-	-	60
Arizona	*	8	6	10	5	12	15	17	20	17	10	5	9	134
Utah	5	451	457	526	560	607	544	474	451	416	428	422	458	5,794
Washington	9	602	458	744	1,031	1,175	1,133	920	712	607	648	494	815	8,739
Oregon	5	350	308	389	446	527	544	417	274	264	336	353	289	4,497
California	19	3,116	3,017	4,157	4,162	4,061	4,133	4,537	4,280	3,731	3,306	3,549	3,514	45,563
UNITED STATES	273	24,495	23,370	27,442	29,036	35,358	38,578	31,094	26,631	22,157	22,564	19,030	22,088	321,843

*Less than five firms reporting

TABLE 35 — DRIED OR POWDERED SKIM MILK FOR ANIMAL FEED PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Vermont	6	127	161	212	311	365	369	244	239	187	165	136	225	2,741
New York	51	2,373	2,552	4,175	5,611	6,217	6,456	3,885	2,834	2,467	2,519	1,639	1,723	42,451
Pennsylvania	9	234	151	258	368	459	527	196	161	133	228	47	66	2,828
Ohio	16	304	340	399	533	638	803	505	368	531	380	234	248	5,283
Indiana	8	204	92	137	161	237	227	201	140	122	94	66	83	1,764
Illinois	8	92	65	72	91	160	140	85	58	70	58	78	72	1,041
Michigan	33	1,116	1,141	1,325	1,393	1,621	1,442	1,127	1,035	1,063	964	840	957	14,024
Wisconsin	78	2,718	2,980	3,797	3,926	4,311	4,159	2,881	2,651	2,543	2,756	2,208	2,712	37,642
Minnesota	25	726	733	868	716	863	785	552	338	295	286	325	527	7,014
Iowa	*	35	59	76	76	54	58	1	14	11	22	39	72	517
Missouri	6	139	260	329	312	333	351	177	355	358	189	114	50	2,967
Nebraska	*	4	5	5	6	11	11	20	19	9	15	28	35	168
Kansas	*	66	62	67	74	94	89	75	68	55	58	48	54	810
Maryland	5	180	132	115	110	208	167	37	97	63	79	10	35	1,233
Virginia	*	51	38	36	38	89	107	83	78	67	24	4	25	640
Kentucky	*	10	-	6	13	95	106	99	73	30	19	11	11	473
Mississippi	*	10	9	19	76	123	78	149	133	46	46	20	12	721
Oklahoma	*	13	10	11	13	34	22	22	14	5	5	6	4	159
Texas	*	32	23	62	117	150	95	94	118	78	42	27	20	858
Idaho	*	561	553	687	850	1,002	922	915	844	775	736	619	665	9,129
Colorado	*	26	31	41	32	39	27	6	-	4	6	18	20	250
Arizona	*	52	54	55	58	46	29	33	14	7	10	29	34	421
Utah	*	20	21	26	30	38	38	29	21	21	18	14	18	294
Washington	12	187	173	223	445	945	750	581	469	172	169	215	193	4,522
Oregon	7	368	340	386	525	488	368	315	277	238	286	238	280	4,109
California	29	1,283	1,163	1,600	1,891	1,965	1,538	1,393	1,517	1,335	1,382	1,449	1,387	17,903
UNITED STATES	321	10,931	11,148	14,987	17,776	20,585	19,664	13,705	11,935	10,685	10,556	8,462	9,528	159,962

*Less than five firms reporting

TABLE 36 -- TOTAL DRIED OR POWDERED SKIM MILK PRODUCED IN 1940 BY STATES AND MONTHS**

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	*	59	40	36	58	58	79	23	5	13	3	1	43	418
Vermont	10	891	970	1,385	1,665	1,951	2,019	1,359	1,132	862	870	522	718	14,344
Connecticut	*	28	22	15	8	2	5	3	3	1	2	1	1	91
New York	65	7,207	6,850	9,313	11,244	13,281	13,788	9,213	6,757	5,690	6,329	4,304	5,249	99,225
Pennsylvania	17	1,218	1,036	1,327	1,660	1,798	2,172	1,753	1,424	1,000	1,438	917	1,161	16,904
Ohio	21	968	888	1,049	1,317	1,656	2,053	1,614	1,258	1,187	934	675	703	14,302
Indiana	12	539	525	629	622	1,009	1,002	914	784	794	793	623	765	8,999
Illinois	13	227	167	123	269	450	641	284	205	191	167	196	258	3,178
Michigan	46	2,929	2,731	3,213	3,210	4,041	4,317	3,380	2,957	2,718	2,837	2,220	2,340	36,893
Wisconsin	108	9,024	9,359	10,682	10,639	12,597	14,116	10,554	9,419	8,178	8,225	6,933	8,631	118,357
Minnesota	33	2,634	2,782	2,953	2,531	2,854	2,753	1,823	1,311	1,081	1,137	1,432	2,180	25,471
Iowa	*	35	59	76	76	54	58	1	14	11	22	39	72	517
Missouri	9	961	881	985	1,219	1,840	1,995	1,391	1,491	1,446	1,108	866	837	15,020
Nebraska	*	214	220	237	263	357	383	312	358	193	156	178	265	3,136
Kansas	6	217	191	222	274	458	431	384	430	298	280	226	264	3,675
Maryland	5	308	312	291	380	675	582	233	294	277	197	50	103	3,702
Virginia	5	133	117	133	89	161	198	174	239	216	149	55	99	1,763
Kentucky	*	46	42	60	81	206	223	214	173	98	68	44	50	1,305
Tennessee	*	146	169	174	190	303	226	337	366	254	275	189	186	2,815
Alabama	*	10	-	-	-	8	4	-	-	-	-	-	-	22
Mississippi	6	34	19	19	123	190	145	206	203	94	146	70	37	1,286
Louisiana	*	1	32	41	40	33	6	11	10	4	1	2	2	183
Oklahoma	*	20	11	14	44	94	97	87	74	27	19	13	11	511
Texas	7	104	109	176	308	389	375	412	369	242	216	135	95	2,930
Idaho	6	960	910	1,064	1,258	1,470	1,354	1,333	1,221	1,121	1,119	985	1,053	13,848
Wyoming	*	50	48	55	59	73	73	62	34	34	30	30	76	624
Colorado	*	26	31	41	32	71	55	6	-	4	6	18	20	310
Arizona	*	60	60	65	63	58	44	50	34	24	20	34	43	555
Utah	6	471	478	552	590	645	582	503	472	437	446	436	476	6,088
Washington	16	789	631	967	1,476	2,120	1,883	1,501	1,181	779	817	709	408	13,261
Oregon	9	718	648	775	971	1,015	912	732	551	502	622	591	569	8,606
California	31	4,399	4,180	5,757	6,053	6,026	5,671	5,930	5,797	5,066	4,688	4,998	4,901	63,466
UNITED STATES	451	35,426	34,518	42,429	46,812	55,943	58,242	44,799	38,566	32,842	33,120	27,492	31,616	481,805

*Less than five firms reporting
**This table includes the total production of dried skim milk packed both in barrels and bags.

TABLE 37 -- TOTAL ICE CREAM PRODUCED IN 1940 BY STATES AND MONTHS

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Maine	107	67	84	97	114	184	218	278	294	148	113	89	72	1,758
New Hampshire	81	22	33	34	45	80	87	126	128	55	47	34	31	722
Vermont	36	26	29	33	46	87	98	134	140	61	58	30	29	771
Massachusetts	420	502	586	713	887	1,322	1,467	1,821	1,621	1,021	830	685	678	12,133
Rhode Island	108	109	119	150	191	268	290	374	332	204	170	148	133	2,488
Connecticut	184	152	184	208	288	426	448	598	513	309	251	209	216	3,802
New York	2,203	1,503	1,746	2,192	3,144	4,637	5,340	6,166	5,190	3,250	2,327	2,032	1,998	39,525
New Jersey	293	296	368	429	538	845	1,012	1,231	1,019	635	487	421	369	7,650
Pennsylvania	812	1,932	2,311	2,518	3,085	4,590	5,000	5,864	5,181	3,496	2,998	2,651	2,476	42,102
Ohio	690	802	1,034	1,237	1,560	2,187	2,637	3,026	2,675	1,775	1,441	1,119	1,086	20,579
Indiana	472	322	426	520	707	965	1,205	1,487	1,345	866	669	475	449	9,436
Illinois	1,392	786	1,060	1,290	1,793	2,266	2,861	3,283	2,772	1,921	1,502	1,100	999	21,633
Michigan	752	607	745	872	1,153	1,685	1,976	2,653	2,261	1,527	1,167	921	847	16,414
Wisconsin	503	371	441	592	745	1,085	1,281	1,532	1,336	853	598	477	452	9,763
Minnesota	303	298	373	438	569	887	1,104	1,393	1,006	792	566	363	364	8,153
Iowa	428	201	298	381	551	809	1,017	1,159	901	691	500	311	284	7,103
Missouri	338	285	415	555	760	942	1,115	1,307	1,120	829	644	427	394	8,793
North Dakota	111	33	40	51	69	120	145	182	148	118	80	53	47	1,086
South Dakota	99	33	43	58	96	161	203	259	189	140	93	47	46	1,368
Nebraska	207	68	99	146	243	358	413	490	380	274	184	101	103	2,859
Kansas	344	92	141	227	337	441	523	590	474	333	227	128	122	3,635
District of Columbia	40	191	233	277	310	419	456	499	430	359	292	278	275	4,019
Delaware	22	66	92	103	128	142	182	198	165	127	99	95	96	1,493
Maryland	92	247	304	362	435	589	650	739	625	512	414	392	365	5,634
Virginia	207	174	229	299	374	493	582	647	553	446	333	284	263	4,677
West Virginia	119	89	125	155	210	331	404	459	401	277	209	158	136	2,954
North Carolina	162	162	207	292	368	467	501	516	481	424	329	260	212	4,219
South Carolina	65	23	36	59	78	106	130	141	130	113	75	48	39	978
Georgia	95	109	148	213	284	378	403	384	400	321	214	152	136	3,142
Florida	101	189	246	322	301	307	308	325	323	270	236	223	258	3,308
Kentucky	158	61	92	113	157	208	246	287	281	199	158	118	109	2,029
Tennessee	137	128	175	271	394	519	636	645	634	496	364	231	188	4,681
Alabama	95	58	84	148	193	259	288	266	269	204	142	101	79	2,091
Mississippi	115	36	53	110	144	193	212	209	215	173	127	69	55	1,596
Arkansas	108	28	41	75	107	152	187	201	188	140	114	58	46	1,337
Louisiana	94	71	97	158	196	256	272	284	269	230	176	114	102	2,225
Oklahoma	145	97	140	237	307	395	440	513	458	367	291	158	141	3,544
Texas	487	322	484	879	1,039	1,326	1,416	1,477	1,415	1,198	921	504	447	11,428
Montana	235	55	71	98	109	172	195	242	240	146	105	65	75	1,573
Idaho	155	35	46	71	78	119	140	154	141	84	62	41	42	1,013
Wyoming	64	13	16	21	25	44	52	69	65	43	30	19	16	413
Colorado	192	126	157	208	239	310	391	438	412	279	223	157	160	3,100
New Mexico	34	17	22	34	45	55	61	66	57	45	31	19	17	469
Arizona	54	36	39	60	74	97	98	98	86	72	53	38	34	785
Utah	66	51	61	84	97	136	160	182	164	105	84	58	53	1,235
Nevada	8	8	9	12	14	21	28	32	32	15	12	9	9	201
Washington	345	216	235	316	384	502	581	614	595	428	326	229	250	4,676
Oregon	260	141	151	223	266	370	405	411	425	273	194	132	144	3,135
California	1,005	975	1,108	1,526	1,752	2,006	2,051	2,417	2,319	1,989	1,890	1,190	1,137	20,360
UNITED STATES	14,543	12,231	15,276	19,467	25,029	34,717	39,915	46,466	40,798	28,633	22,456	17,021	16,079	318,088

TABLE 38 -- ICE CREAM PRODUCED IN PLANTS IN 1940 BY STATES AND MONTHS 1/

State	Number factories reporting	January	February	March	April	May	June	July	August	September	October	November	December	Total 1940
		1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Maine	23	60	76	88	103	166	197	251	265	134	102	80	65	1,587
New Hampshire	17	18	28	28	38	67	73	105	107	46	39	28	26	603
Vermont	12	25	28	31	44	84	94	130	136	58	56	29	28	743
Massachusetts	123	472	551	670	834	1,243	1,379	1,712	1,523	960	781	644	636	11,405
Rhode Island	34	104	112	142	180	253	274	354	314	193	160	140	126	2,352
Connecticut	57	140	169	191	264	391	411	549	471	284	230	192	198	3,490
New York	253	1,213	1,413	1,806	2,675	4,006	4,599	5,292	4,400	2,650	1,860	1,639	1,557	33,110
New Jersey	116	272	339	395	496	778	932	1,134	939	585	448	388	340	7,046
Pennsylvania	298	1,865	2,233	2,433	2,981	4,435	4,832	5,667	5,006	3,377	2,897	2,561	2,392	40,680
Ohio	200	744	959	1,145	1,446	2,028	2,445	2,805	2,480	1,646	1,336	1,038	1,006	19,078
Indiana	122	301	402	490	669	914	1,144	1,409	1,271	813	628	444	421	8,906
Illinois	178	665	895	1,088	1,514	1,913	2,417	2,771	2,341	1,621	1,270	928	844	18,267
Michigan	398	558	690	805	1,064	1,560	1,826	2,468	2,099	1,414	1,079	857	787	15,207
Wisconsin	383	305	369	484	616	894	1,060	1,275	1,100	704	498	394	373	8,072
Minnesota	101	281	351	413	536	836	1,041	1,313	948	747	534	342	343	7,685
Iowa	155	179	265	338	490	719	905	1,031	801	615	445	276	253	6,347
Missouri	87	262	383	512	701	868	1,028	1,205	1,033	764	594	393	363	8,106
North Dakota	48	27	34	43	59	105	128	156	127	101	68	45	39	932
South Dakota	32	30	39	52	87	146	184	235	171	127	84	43	42	1,240
Nebraska	69	61	89	131	217	320	369	438	340	246	165	90	92	2,558
Kansas	128	79	122	197	295	385	455	511	407	285	190	108	104	3,138
District of Columbia	18	189	230	274	306	414	450	493	424	354	288	275	272	3,969
Delaware	11	65	91	101	126	140	179	195	162	125	97	94	95	1,470
Maryland	51	241	297	353	424	575	634	721	610	500	404	382	356	5,497
Virginia	56	158	209	272	342	453	535	597	507	407	302	257	238	4,277
West Virginia	29	83	116	144	195	308	375	426	372	257	194	147	127	2,744
North Carolina	45	149	190	269	339	429	461	474	442	390	303	239	195	3,880
South Carolina	16	21	32	53	70	95	117	127	117	101	67	43	35	878
Georgia	52	105	142	205	273	364	388	370	385	309	206	146	131	3,024
Florida	41	173	225	295	276	281	282	298	296	247	216	204	236	3,029
Kentucky	34	50	75	92	128	169	200	234	229	162	129	96	89	1,653
Tennessee	61	120	166	257	378	500	615	622	612	478	349	221	179	4,497
Alabama	36	55	79	139	182	244	271	250	253	192	134	95	74	1,968
Mississippi	45	33	48	100	131	176	193	190	196	158	116	63	50	1,454
Arkansas	23	24	34	63	89	127	156	168	157	117	95	49	39	1,118
Louisiana	36	68	93	150	187	244	259	271	256	219	168	109	97	2,121
Oklahoma	59	90	130	220	285	366	408	476	425	340	270	146	131	3,287
Texas	141	292	437	795	940	1,198	1,281	1,336	1,281	1,083	834	456	404	10,337
Montana	73	41	54	75	84	133	147	183	181	104	76	45	54	1,177
Idaho	39	23	32	50	54	83	98	107	96	56	41	27	28	695
Wyoming	20	9	11	15	18	32	38	51	48	32	22	14	12	302
Colorado	69	113	142	187	215	283	357	399	374	254	203	143	146	2,816
New Mexico	13	15	19	30	39	48	53	58	50	39	27	17	15	410
Arizona	16	29	31	48	59	78	79	79	69	58	43	31	27	631
Utah	26	45	54	74	86	121	142	161	145	93	74	51	47	1,093
Nevada	*	7	8	11	13	19	26	29	29	14	11	8	8	183
Washington	104	182	197	265	322	422	488	516	500	359	273	192	210	3,926
Oregon	67	91	98	144	171	239	261	265	274	176	125	85	93	2,022
California	174	862	977	1,359	1,566	1,789	1,817	2,158	2,069	1,766	1,695	1,052	1,009	18,119
UNITED STATES	4,191	10,995	13,764	17,522	22,607	31,441	36,103	42,065	36,838	25,760	20,226	15,346	14,432	287,099

*Less than five firms reporting

1/ Does not include ice cream produced by counter freezers and other small retail units. For total ice cream production see page 26.

TABLE 39 -- PRODUCTION OF CANNED MILK (UNSKIMMED) ANNUAL TOTALS, BY STATES, 1931-40

EVAPORATED MILK

State and division	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
New York	81,284	99,341	91,959	80,784	116,409	159,597	106,887	111,198	123,030	140,665
Pennsylvania	28,418	30,310	24,875	25,061	29,340	43,363	46,526	49,770	48,071	55,990
North Atlantic	109,702	129,651	116,834	105,845	145,749	202,960	153,413	160,968	171,101	196,655
Ohio	68,681	80,300	84,548	116,578	143,095	165,291	192,710	218,363	212,690	249,118
Indiana	38,522	37,302	38,154	41,176	38,688	52,256	48,679	59,145	61,678	72,130
Illinois	83,250	87,260	109,762	110,481	117,836	122,545	114,883	135,047	128,274	151,712
Michigan	63,784	53,842	76,488	72,215	83,511	93,092	86,908	100,910	99,072	123,486
Wisconsin	543,780	629,641	696,296	693,240	713,447	772,243	653,875	675,122	714,412	780,496
East North Central	798,017	888,345	1,005,248	1,033,690	1,096,577	1,205,427	1,097,055	1,188,587	1,216,126	1,376,942
Minnesota	7,955	8,561	10,938	9,225	11,995	15,157	12,182	13,753	14,617	21,033
Iowa	8,816	12,156	14,257	14,031	18,019	26,468	23,982	29,396	29,088	32,286
Missouri	35,049	38,225	35,584	33,493	35,177	43,537	61,948	68,914	72,674	92,605
Kansas	23,802	21,904	25,601	26,381	23,250	18,423	21,443	27,342	26,151	36,553
West North Central	75,622	80,846	86,380	83,130	88,441	103,585	119,555	139,405	142,530	182,477
Maryland	7,483	9,334	10,800	14,066	19,422	18,841	17,449	26,567	27,483	21,451
Virginia	6,326	5,350	5,400	4,066	6,099	5,173	8,123	14,687	16,082	21,450
West Virginia	-	-	-	-	-	-	-	-	-	3,252
North Carolina	-	-	-	-	-	-	-	-	-	6,592
Florida	-	-	-	198	181	-	-	-	-	-
South Atlantic	13,809	14,684	16,200	18,330	25,702	24,014	25,572	41,254	43,565	52,745
Kentucky	28,789	36,088	37,455	43,698	51,646	48,712	49,534	61,197	60,949	65,851
Tennessee	33,225	35,324	39,480	39,703	43,430	42,341	50,373	59,255	52,364	52,520
Alabama	5,772	7,374	5,782	5,522	5,821	6,148	7,054	7,216	5,628	3,165
Mississippi	16,448	20,352	20,015	19,039	19,357	26,153	29,973	35,038	33,659	29,138
Texas	10,787	11,299	8,171	6,240	6,236	14,735	25,404	32,592	31,764	32,561
South Central	95,021	110,437	110,903	114,202	126,490	138,089	162,338	195,298	184,364	183,235
Idaho	14,449	8,135	12,294	8,533	14,717	16,986	16,770	16,433	20,140	27,200
Colorado	21,508	19,197	20,756	20,763	16,857	15,498	16,178	19,325	16,941	18,016
Arizona	7,690	7,302	6,698	4,830	4,104	5,480	6,921	9,625	6,104	7,626
Utah	51,829	44,425	53,878	52,669	47,581	49,881	50,053	50,935	51,440	52,671
Washington	49,481	54,446	54,427	55,908	60,106	67,017	66,933	70,219	75,018	90,250
Oregon	8,403	9,590	15,558	21,768	24,667	34,047	28,190	31,649	31,825	32,836
California	183,462	203,554	217,524	191,902	187,899	180,775	159,567	180,500	211,447	244,015
Western	336,822	346,649	381,135	356,373	355,931	369,684	344,612	378,686	412,915	472,614
UNITED STATES	1,428,993	1,570,612	1,716,700	1,711,570	1,838,890	2,043,759	1,902,545	2,104,198	2,170,601	2,464,668

SWEETENED CONDENSED MILK

Vermont	1,672	666	1,141	-	-	-	-	-	10	-
New York	30,151	24,096	19,297	19,370	18,046	14,573	13,379	8,540	8,798	16,904
North Atlantic	31,823	24,762	20,438	19,370	18,046	14,573	13,379	8,540	8,808	16,904
Ohio	1,744	-	-	-	-	-	-	-	-	234
Indiana	-	-	-	-	-	-	-	16	-	-
Illinois	10,334	9,137	5,930	6,531	5,387	5,086	3,889	3,635	1,943	5,281
Michigan	9,408	10,014	8,878	9,889	10,496	12,328	12,943	14,655	12,176	17,009
Wisconsin	6,463	3,902	3,453	5,469	3,902	1,121	2,934	1,458	-	5,570
East North Central	27,949	23,053	18,261	21,889	19,785	18,535	19,766	19,764	14,119	28,094
Minnesota	-	-	138	-	-	-	-	-	-	-
Kansas	2,564	2,145	1,510	2,200	1,238	1,255	1,488	511	-	-
West North Central	2,564	2,145	1,648	2,200	1,238	1,255	1,488	511	-	-
Tennessee	5,916	2,918	3,304	3,161	2,909	3,442	2,775	1,091	103	-
Mississippi	11,815	8,876	7,578	8,472	7,178	7,228	8,221	10,012	10,552	9,705
Texas	-	18	-	-	-	73	-	-	-	-
South Central	17,731	11,812	10,882	11,633	10,087	10,743	10,996	11,103	10,655	9,705
Utah	847	184	458	687	721	754	889	674	411	193
Oregon	9,785	4,623	516	-	-	-	-	-	-	2,950
California	6,770	3,709	1,677	4,873	3,108	1,501	928	947	739	4,109
Western	17,402	8,516	2,651	5,560	3,829	2,255	1,817	1,621	1,150	7,252
UNITED STATES	97,469	70,288	53,880	60,652	52,985	47,361	47,446	41,539	34,732	61,955

TABLE 40 -- PRODUCTION OF DRIED SKIM MILK, ANNUAL TOTALS, 1931-40

State and division	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	380	-	105	609	689	501	95	78	284	418
New Hampshire	1	-	-	-	-	-	-	-	-	-
Vermont	103	542	793	620	4,303	8,295	11,670	8,010	8,692	14,344
Connecticut	-	-	-	-	-	35	244	211	178	91
New York	58,792	69,637	70,101	65,543	64,147	64,824	56,236	68,381	79,003	99,225
New Jersey	31	5	7	22	104	97	-	-	-	-
Pennsylvania	10,715	12,066	11,367	13,159	15,691	14,871	18,603	15,234	15,239	16,904
North Atlantic	70,022	82,250	82,373	79,953	84,934	88,623	86,848	91,914	103,396	130,982
Ohio	2,183	1,535	2,233	4,236	4,485	7,778	8,752	14,052	12,092	14,302
Indiana	4,091	4,651	4,280	4,553	4,375	5,866	6,904	10,245	8,149	3,999
Illinois	5,450	3,503	3,610	4,269	2,131	2,178	3,873	3,877	3,245	3,178
Michigan	22,992	21,519	22,137	27,175	27,260	34,737	36,996	41,944	34,628	36,893
Wisconsin	55,499	52,685	55,896	61,731	66,147	88,119	89,489	113,466	100,611	118,357
East North Central	90,215	83,893	88,156	101,964	104,398	138,678	146,014	183,584	158,725	181,729
Minnesota	10,675	13,245	13,665	13,080	11,224	16,459	16,783	23,053	17,535	25,471
Iowa	656	814	1,249	737	323	362	599	640	392	517
Missouri	4,363	5,279	7,528	9,091	7,744	9,679	14,107	18,187	13,618	15,020
Nebraska	1,328	1,947	2,682	2,913	2,644	3,952	4,200	3,921	3,017	3,136
Kansas	1,394	1,632	2,293	2,484	2,340	1,878	2,810	4,298	3,548	3,675
West North Central	18,416	22,917	27,417	28,305	24,275	32,330	38,499	50,099	38,110	47,819
Maryland	2,245	4,951	4,771	2,170	2,746	2,482	2,678	5,916	5,413	3,702
Virginia	1,139	1,373	1,300	1,095	731	338	552	1,238	1,146	1,763
South Atlantic	3,384	6,324	6,071	3,265	3,477	2,820	3,230	7,154	6,559	5,465
Kentucky	1,105	686	666	588	873	672	1,131	1,894	1,537	1,305
Tennessee	3,433	3,651	3,630	4,059	4,565	4,399	4,825	5,364	3,167	2,815
Alabama	101	80	100	153	127	17	-	167	137	22
Mississippi	270	141	1,328	1,157	1,671	1,260	1,956	3,472	1,161	1,286
Louisiana	-	145	89	140	94	80	112	112	17	183
Oklahoma	90	48	70	1	29	198	180	153	451	511
Texas	2,546	2,714	2,165	1,524	1,349	2,301	3,606	3,375	2,416	2,930
South Central	7,545	7,465	8,048	7,622	8,708	8,927	11,810	14,537	8,886	9,052
Montana	264	107	-	-	-	-	-	-	-	-
Idaho	2,835	3,089	5,310	9,340	8,421	11,035	11,893	13,680	11,455	13,848
Wyoming	-	-	-	-	-	-	467	759	658	624
Colorado	103	547	534	808	381	215	263	720	543	310
Arizona	6	37	100	271	322	400	325	265	603	555
Utah	2,244	2,814	2,937	2,801	2,579	2,820	4,536	5,560	5,356	6,088
Nevada	7	39	71	56	38	31	13	35	-	-
Washington	14,622	11,521	11,379	13,842	11,820	10,889	14,384	13,823	11,260	13,261
Oregon	3,859	3,530	2,146	3,588	4,911	5,674	6,801	7,223	7,032	8,606
California	48,416	45,661	53,572	43,120	43,242	47,108	47,120	59,938	55,797	63,466
West	72,356	67,345	76,049	73,826	71,714	78,172	85,802	102,003	92,704	106,758
UNITED STATES	261,938	270,194	288,114	294,935	297,506	349,550	372,203	449,291	408,380	481,805

TABLE 41 --WHOLE MILK EQUIVALENT OF MANUFACTURED DAIRY PRODUCTS, UNITED STATES, 1940 1/

State and division	Creamery butter	CHEESE		Evap. Milk Unsweetend Case	Unsweetend Cond. Milk Bulk	SWEETENED COND. MILK		Ice Cream	Other Manufactured Products	Total	Duplications	Net Total
		American	Other than American			Case	Bulk					
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	1,977	-	-	-	-	-	-	29,288	-	31,265	12,916	18,349
New Hampshire	-	-	-	-	-	-	-	13,501	-	13,501	6,194	7,307
Vermont	50,364	11,776	6,318	-	7,294	-	1,432	12,359	-	89,543	1,242	88,301
Massachusetts	4,357	-	12,578	-	101	-	-	202,484	-	219,520	103,519	116,001
Rhode Island	167	-	192	-	-	-	-	39,012	-	39,371	14,644	24,727
Connecticut	1,625	-	1,528	-	130	-	-	65,297	-	68,580	117	68,463
New York	480,947	262,821	331,509	307,900	63,868	38,175	37,555	639,920	39,169	2,201,864	294,377	1,907,487
New Jersey	737	-	17,437	-	40	-	116	116,060	-	134,390	737	133,653
Pennsylvania	322,525	16,019	90,554	122,556	33,446	-	1,112	590,882	505	1,177,599	36,831	1,140,768
North Atlantic	862,699	290,616	460,116	430,456	104,879	38,175	40,215	1,708,803	39,674	3,975,633	470,577	3,505,056
Ohio	1,469,475	119,826	78,642	516,592	9,478	501	11,407	286,040	37,131	2,529,092	39,660	2,489,432
Indiana	1,310,764	283,221	-	149,575	47,534	-	22,687	117,521	1,988	1,933,290	42,414	1,890,876
Illinois	1,638,462	353,604	123,305	332,081	11,538	11,926	10,452	320,030	2,196	2,803,594	97,816	2,705,778
Michigan	1,959,569	158,238	24,690	270,297	39,716	38,412	10,685	294,411	34,966	2,830,984	42,359	2,788,625
Wisconsin	3,746,886	3,283,613	931,237	1,708,419	53,720	12,579	36,995	162,662	133,658	10,069,769	292,916	9,776,853
East North Central	10,125,156	4,198,502	1,157,874	2,976,964	161,986	63,418	92,226	1,180,664	209,939	20,166,729	515,165	19,651,564
Minnesota	6,671,120	158,207	6,373	46,039	1,144	-	25,029	122,183	-	7,030,095	21,858	7,008,237
Iowa	5,152,182	40,363	410	70,670	1,022	-	44	112,281	-	5,376,972	12,234	5,364,738
Missouri	1,534,138	182,631	1,396	187,110	11,878	-	312	125,548	-	2,043,013	21,060	2,021,953
North Dakota	1,254,000	-	-	-	-	-	-	15,712	-	1,269,712	11,575	1,258,137
South Dakota	933,000	9,956	-	-	-	-	-	19,704	-	962,660	5,806	956,854
Nebraska	1,779,974	14,336	28	-	-	-	-	50,920	-	1,845,258	22,260	1,822,998
Kansas	1,575,102	108,306	-	77,848	1,642	-	4,359	51,722	74	1,819,053	7,870	1,811,183
West North Central	18,899,516	513,799	8,207	381,667	15,686	-	29,744	498,070	74	20,346,763	102,663	20,244,100
District of Columbia	-	-	-	-	-	-	-	57,654	-	57,654	26,953	30,701
Delaware	800	-	378	-	-	-	-	22,050	-	23,228	11,055	12,173
Maryland	45,693	77	-	44,483	9,845	-	-	93,312	-	193,410	46,662	146,748
Virginia	142,411	571	-	43,340	5,698	-	-	59,534	-	251,554	33,987	217,567
West Virginia	50,977	1,479	-	6,571	-	-	-	40,528	-	99,555	101	99,454
North Carolina	45,626	3,744	-	12,986	2,221	-	-	49,114	-	113,691	30,166	83,525
South Carolina	8,231	2,017	-	-	-	-	-	13,553	-	23,801	8,440	15,361
Georgia	20,773	274	-	-	-	-	-	30,881	-	51,928	7,486	44,442
Florida	1,977	-	-	-	-	-	-	37,239	-	39,216	21,040	18,176
South Atlantic	316,488	8,162	378	107,380	17,764	-	-	403,865	-	854,037	185,890	668,147
Kentucky	369,041	54,650	-	129,726	11	-	-	28,114	79	581,621	4,638	576,983
Tennessee	274,800	120,879	10,234	103,464	1,886	-	-	51,277	1,913	564,453	22,908	541,545
Alabama	18,857	14,399	-	6,235	-	-	-	25,215	-	64,706	12,120	52,586
Mississippi	83,398	63,729	25	57,402	1,969	19,725	-	21,993	-	248,241	4,274	243,967
Arkansas	120,594	35,484	972	-	-	-	-	16,790	-	173,840	2,705	171,135
Louisiana	26,222	1,898	-	-	-	-	-	24,235	-	52,355	229	52,126
Oklahoma	961,822	70,885	-	-	-	-	511	44,837	-	1,078,055	21,616	1,056,439
Texas	650,089	155,189	13,640	64,145	2	-	18	133,553	1,438	1,018,074	24,460	993,614
South Central	2,504,823	517,113	24,871	360,972	3,868	19,725	529	346,014	3,430	3,781,345	92,950	3,688,395
Montana	272,259	12,104	496	-	-	-	-	24,321	-	309,180	5,029	304,151
Idaho	715,037	103,572	23,284	57,156	-	-	-	15,687	-	914,736	18,865	895,871
Wyoming	72,203	7,211	8,598	-	-	-	-	5,476	-	93,488	1,179	92,309
Colorado	468,390	23,005	219	39,435	22	-	-	57,584	11,956	600,611	3,953	596,658
New Mexico	62,250	6,308	-	-	57	-	-	6,989	-	75,604	822	74,782
Arizona	44,538	2,706	2,084	16,025	680	-	-	9,420	-	75,453	840	74,613
Utah	221,870	44,461	-	[illegible]	-	424	-	20,571	-	399,501	13,777	385,724
Nevada	49,395	160	-	-	-	-	-	3,129	-	52,684	156	52,528
Mountain	1,905,942	199,527	34,681	224,791	759	424	-	143,177	11,956	2,521,257	44,621	2,476,636
Washington	709,454	92,653	3,339	184,719	2,690	-	598	66,390	333	1,060,176	12,908	1,047,268
Oregon	572,605	192,966	2,846	64,687	56	5,996	-	39,650	7	878,813	18,499	860,314
California	1,452,308	100,973	54,964	534,122	4,096	9,280	1,773	325,680	12,131	2,495,327	87,231	2,408,096
Pacific	2,734,367	386,592	61,149	783,528	6,842	15,276	2,371	431,720	12,471	4,434,316	118,638	4,315,678
UNITED STATES	37,348,991	6,114,311	1,747,276	5,265,758	311,784	137,018	165,085	4,712,313	277,[illegible]	56,080,080	1,530,504	54,549,576

1/ Total whole milk equivalent of factory dairy products calculated from production in each State as reported by the Bureau of Agricultural Economics and pounds of fat received at plants per pound of product made and test of milk used for each purpose as determined from a survey of 1,900 plants in 46 States for the year July 30 to June 1931. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced. Because of interstate shipments the milk equivalent of products manufactured in each State does not necessarily show utilization of milk produced in the State.

Duplication is removed on the basis of information from the survey referred to above: 201 plants making American cheese reported the sale of 0.0281 pounds of butterfat per pound of cheese made. Butterfat from whey cream is used primarily as a source of fat in making butter. In order to avoid duplication in calculating the milk equivalent of all products made, deductions were made for the amount of fat recovered in whey cream and used for making butter, and for the amount of fat from butter and concentrated milk used in making ice cream.

TABLE 42 -- SKIM MILK EQUIVALENT OF CERTAIN SKIMMED MILK AND BUTTERMILK PRODUCTS, UNITED STATES, 1940 1/

State and division	Full skim American Cheddar cheese	Cottage, pot and bakers' cheese	Sweetened condensed skim milk		Unsweetened condensed skim milk 2/	Concentrated skim milk (for animal feed)	Condensed or evaporated buttermilk	Dried or powdered		Dried casein 3/	Total
			Case	Bulk	Bulk			Buttermilk	Skim milk		
	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.	1000 lbs.
Maine	-	125	-	-	3,435	-	-	-	4,598	8,211	16,369
New Hampshire	-	212	-	5,850	2,004	-	-	-	-	-	8,066
Vermont	-	59,119	-	37,383	29,760	-	-	-	157,784	84,966	369,012
Massachusetts	-	8,231	-	-	-	-	-	-	-	-	8,231
Connecticut	-	4,638	-	27	2,877	-	-	-	1,001	-	8,543
New York	1,648	192,850	-	73,410	129,753	7,395	9,384	1,606	1,091,475	288,313	1,795,834
New Jersey	-	8,831	-	222	378	-	-	-	-	214	9,645
Pennsylvania	-	85,650	-	39,327	85,083	18,276	10,635	88	185,944	3,320	428,323
North Atlantic	1,648	359,656	-	156,219	253,290	25,671	20,019	1,694	1,440,802	385,024	2,644,023
Ohio	-	94,150	-	48,534	59,292	-	36,027	32,285	157,322	17,600	445,210
Indiana	-	41,638	-	66,336	22,752	4,389	18,804	22,935	98,989	1,107	276,950
Illinois	64	42,869	-	25,866	38,076	57	39,450	7,216	34,958	119,952	308,508
Michigan	-	79,738	5,616	28,746	38,790	-	7,407	53,075	405,823	1,035	620,230
Wisconsin	-	62,906	-	88,608	97,236	3,525	-	97,988	1,301,927	426,758	2,078,948
East North Central	64	321,301	5,616	258,090	256,146	7,971	101,688	213,499	1,999,019	566,452	3,729,846
Minnesota	-	20,588	-	10,878	29,826	-	14,829	258,423	280,181	172,217	786,942
Iowa	-	14,075	-	3,198	10,146	5,838	47,997	59,796	5,687	17,279	164,016
Missouri	-	31,550	-	5,619	12,894	-	38,682	30,393	165,220	5,676	290,034
North Dakota	-	1,006	-	-	-	-	7,275	24,277	-	-	32,558
South Dakota	-	2,919	-	-	-	-	3,075	3,102	-	-	9,096
Nebraska	-	9,231	-	3,111	7,818	348	24,273	30,283	34,496	-	109,560
Kansas	-	16,244	-	27,363	6,006	-	30,879	34,386	40,425	-	155,303
West North Central	-	95,613	-	50,169	66,690	6,186	167,010	440,660	526,009	195,172	1,547,509
District of Columbia	-	1,619	-	-	-	-	-	-	-	-	1,619
Delaware	-	12	-	-	-	-	-	-	-	-	12
Maryland	-	16,519	-	8,328	16,368	-	-	-	40,722	-	81,937
Virginia	-	3,762	-	8,133	13,785	-	-	-	19,393	-	45,073
West Virginia	-	3,969	-	-	1,998	-	-	847	-	-	6,814
North Carolina	-	1,881	-	-	5,379	-	-	-	-	-	7,260
South Carolina	-	62	-	-	-	-	-	-	-	-	62
Georgia	-	612	-	-	-	-	-	-	-	-	612
Florida	-	3,969	-	-	72	-	-	-	-	-	4,041
South Atlantic	-	32,405	-	16,461	37,602	-	-	847	60,115	-	147,430
Kentucky	-	8,538	-	891	2,382	-	6,774	9,614	14,355	-	42,554
Tennessee	-	5,025	-	-	6,891	-	1,209	121	30,965	-	44,211
Alabama	-	1,381	-	-	3,366	-	-	-	242	-	4,989
Mississippi	-	294	-	507	5,949	-	-	2,805	14,146	-	23,701
Arkansas	-	88	-	-	-	-	-	1,716	-	-	1,804
Louisiana	-	2,119	-	-	-	-	-	-	2,013	-	4,132
Oklahoma	-	14,706	-	1,800	3,060	-	5,886	15,092	5,621	11,138	57,303
Texas	-	12,812	-	1,815	27,678	-	4,794	2,662	32,230	-	81,991
South Central	-	44,963	-	5,013	49,326	-	18,663	32,010	99,572	11,138	260,685
Montana	96	2,456	-	-	-	-	-	1,265	-	857	4,674
Idaho	-	1,838	-	450	-	-	2,628	8,888	152,328	86,644	252,776
Wyoming	-	588	-	-	-	-	-	-	6,864	-	7,452
Colorado	-	12,000	-	48	3,933	-	219	6,281	3,410	-	25,891
New Mexico	-	406	-	-	3	-	1,641	-	-	-	2,050
Arizona	-	4,769	-	-	-	-	-	2,189	6,105	4,355	17,418
Utah	-	6,038	-	-	615	-	-	1,507	66,968	2,749	77,877
Nevada	-	1,231	-	-	-	-	-	-	-	-	1,231
Mountain	96	29,326	-	498	4,551	-	4,488	20,130	235,675	94,605	389,369
Washington	-	38,412	-	822	13,080	2,550	2,562	-	145,871	47,302	250,599
Oregon	-	10,706	-	735	9,309	-	-	6,688	94,666	7,533	129,637
California	2,144	156,725	-	10,044	50,736	2,295	21,096	31,713	698,126	421,796	1,394,675
Pacific	2,144	205,843	-	11,601	73,125	4,845	23,658	38,401	938,663	476,631	1,774,911
UNITED STATES	3,952	1,089,107	5,616	498,051	740,730	44,673	335,526	747,241	5,299,855	1,729,022	10,493,773

1/ Skim milk equivalents of the skimmed milk and buttermilk products as reported by dairy manufacturing plants. Totals shown exclude skim milk and buttermilk sold in fluid form or used for some various minor products.
Products included and conversion factors for converting to a skim milk equivalent basis are: American full skim cheese 16.0; cottage, pot, and bakers' cheese, 6.25; dried or powdered buttermilk and dried or powdered skim milk, 11; dried casein, 35.7; and 3 each for case and bulk sweetened condensed skim milk, bulk unsweetened condensed skim milk (plain condensed,) concentrated skim milk (for animal feed,) and condensed or evaporated buttermilk.
Because of the fact that some of the skimmed milk and buttermilk products are not standardized, and because of the variations in percentage of solids not fat in skim milk and buttermilk, these conversion factors are only approximate.

2/ Plain condensed.

3/ Skimmed milk or buttermilk product.