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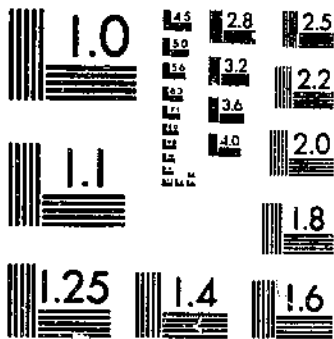
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PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1954

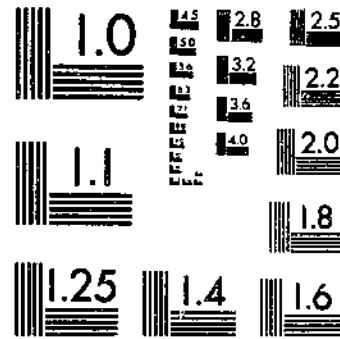
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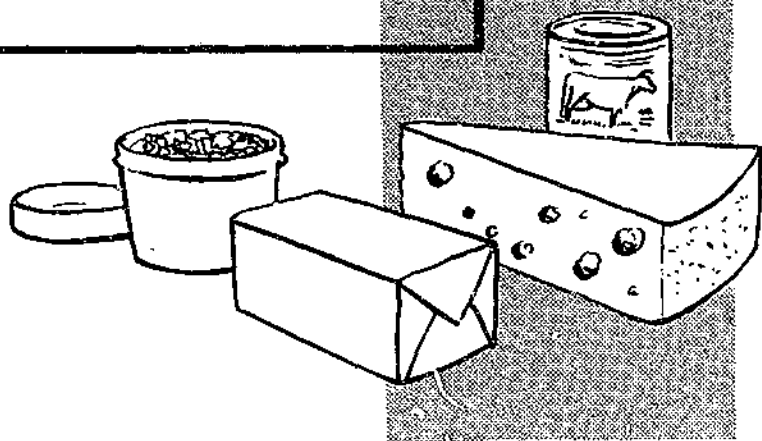
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PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1954 1/

Whole-Milk Equivalents

Whole milk used in manufactured dairy products for 1954, at 58,087,124,000 pounds (net), was the third highest in the quarter century for which records are available. The only years in which whole-milk equivalents were higher were 1941 and 1942, when the production of creamery butter was at very high levels. The whole-milk equivalent of manufactured dairy products for 1954 was 2 percent higher than in 1953, and 8 percent more than the 1943-52 average.

Record high production for 1954 was shown for total cheese, and by specific varieties of American, Swiss, Munster, and cream. Cottage cheese, likewise, reached a new high. High records were also established by plain condensed whole and skim milk, nonfat dry milk solids, dry whey, and ice milk. Production of several products was also the lowest of record, such as dry casein, Limburger cheese, and canned condensed whole milk. Mellorine-type frozen desserts rose 30 percent from 1953 to 1954.

Gains in whole-milk equivalents from 1953 to 1954 shown by creamery butter and cheese were partially offset by declines in the milk equivalents of evaporated, condensed, and dry milk. Ice cream and other frozen dairy products registered only a fractional gain. The whole-milk equivalent of creamery butter, at 28.7 billion pounds, was a gain of 3 percent from the preceding year, and was the highest since 1944. Milk equivalent of all cheese, except cottage, totaled 13.7 billion pounds, a gain of 3 percent from 1953 and an all-time high record. Evaporated and condensed milk products were estimated to have used 6.1 billion pounds of milk, lowest since 1940 and 1 percent less than in 1953. Combining dry whole milk and all other miscellaneous whole-milk products, a total of 1.8 billion pounds of milk were used, a gain of 1 percent from the preceding year. Milk equivalents of total frozen products were 7.8 billion pounds (net), highest since 1946, but only fractionally larger than in 1953.

Considering milk equivalent of all manufactured dairy products by regions, the East North Central ranks first with 37 percent of the Nation's total and the West North Central second with 32 percent. Gains from 1953

1/ Prepared by W. D. Bormuth and R. J. Wagner, Agricultural Statisticians, and Jessie M. Cooley, Statistical Assistant, under the general direction of B. H. Bennett, Chief, Dairy Statistics Branch.

to 1954 by regions were as follows: New England and Middle Atlantic, 4 percent; East and West North Central, 1 percent; Mountain, 8 percent; and Pacific, 9 percent. Milk equivalents were 2 percent lower in the South Central and only fractionally higher in the South Atlantic.

Creamery Butter

Creamery butter production for 1954 totaled 1,448,688,000 pounds. This is the highest for any year since 1943, and represents a gain of 3 percent from 1953. Output was higher in all regions of the United States, except the South Atlantic and the South Central. The West North Central showed only fractional increases. Gains from 1953 to 1954 were as follows: New England, 21 percent; Middle Atlantic, 8 percent; East North Central, 3 percent; Mountain, 13 percent, and Pacific region, 26 percent. The South Atlantic region showed a decline of 6 percent, and the South Central 5 percent. Minnesota continued to rank first among the States in output. Wisconsin was second, and continued to exceed Iowa for the second successive year. Following Iowa came Nebraska, Ohio, and Missouri.

Table 1.- Net whole milk equivalents used in manufactured dairy products: Total per capita, and percentage distribution by major products, United States, 1939-54

Year	Total	Per capita	Percentage distribution				
			Creamery butter	All whole milk and part skim cheese	Evaporated and condensed milk	Ice cream and other frozen products	Other milk products
1939 1/	51,802,281	395.8	68.9	13.7	9.8	7.0	0.6
1940 1/	54,716,280	414.1	67.2	14.4	10.8	7.0	0.6
1941 1/	59,864,542	448.8	62.5	16.0	12.9	7.8	0.8
1942 1/	60,631,311	449.6	58.0	18.3	13.6	9.0	1.1
1943 1/	58,863,677	415.9	59.4	17.4	12.8	8.0	2.4
1944 1/	54,945,118	397.0	54.4	18.5	14.8	8.6	3.7
1945 1/	55,145,388	394.1	49.5	20.2	15.2	9.4	4.7
1946 1/	51,757,902	366.1	45.1	21.3	14.0	15.8	3.8
1947...	55,561,996	385.5	47.9	21.2	14.2	13.5	3.2
1948...	51,850,615	353.7	46.7	21.1	15.7	12.9	3.6
1949...	55,324,367	370.8	51.2	21.6	12.2	12.3	2.7
1950...	55,169,944	363.7	50.4	21.5	12.6	12.5	3.0
1951...	51,603,178	334.3	46.7	22.4	13.6	13.6	3.7
1952...	51,305,432	326.7	45.9	22.7	13.4	14.7	3.3
1953 2/	57,016,696	357.2	49.0	23.4	10.9	13.6	3.1
1954 3/	58,087,124	357.7	49.4	23.6	10.6	13.4	3.0

1/ Revised.
 2/ Unrevised.
 3/ Preliminary.

Total Cheese Production

Total cheese production for 1954 reached a new high record for the second successive year. The 1954 production totaled 1,383,104,000 pounds, a gain of 3 percent from the preceding year. By regions, gains were shown from 1953 to 1954 in all except the South Central, where a decline of 1 percent was registered. In the remaining regions, the gains were as follows: New England, 19 percent; Middle Atlantic, 5 percent; East North Central, 2 percent; West North Central, 4 percent; South Atlantic, 20 percent; Mountain, 7 percent; and Pacific, 5 percent. Wisconsin leads in the production of total cheese, followed by New York, and Illinois in that order. While New York ranks only sixth in total American cheese, that State ranks second in the production of cheese other than American. It produces a large quantity of both Italian and cream cheese. Illinois ranks third in the production of other cheese, made up chiefly of Swiss cheese.

American Cheese

American cheese production for 1954 totaled 1,042,345,000 pounds, highest of record, and a gain of 2 percent from 1953. Gains from 1953 to 1954 occurred in all regions of the country, except the South Central where a decline of 5 percent was reported. Gains from the preceding year were as follows: New England, 31 percent; Middle Atlantic, 5 percent; East North Central, 2 percent; West North Central, 4 percent; South Atlantic, 20 percent; Mountain, 7 percent; and the Pacific, 6 percent. In State ranking, Missouri is second to Wisconsin, followed by Minnesota and Illinois in that order. By States, gains from 1953 were recorded in Wisconsin, Missouri, New York, Idaho, and Oregon. These gains more than offset declines in the remainder of the important cheese-producing States.

Cheese Other Than American

Swiss cheese production for 1954 equalled 113,525,000 pounds, highest of record and 9 percent above the 1953 output. While Wisconsin continues to lead all other States in the production of Swiss cheese, its lead is now much less impressive than it was 10 years ago. In 1945, Wisconsin's production was 66 percent, or roughly two-thirds, of the Nation's total and that of Illinois only 12 percent. In 1954, Wisconsin produced only one-third of the Nation's total, while Illinois made 28 percent. Other States in order of importance in the 1954 production of Swiss cheese were: Minnesota, Ohio, and Idaho. In 1945, Minnesota produced no Swiss cheese.

Output of Munster cheese for 1954 totaled 15,603,000 pounds, highest production of record and 25 percent higher than that of the preceding year. Approximately three-fourths of the production of

this cheese is in Wisconsin. Output of Brick cheese was 25,274,000 pounds, highest since 1940, and 4 percent above the preceding year. At 5,018,000 pounds, Limburger cheese production for 1954 was the lowest of record, and down 13 percent from a year earlier. The 71,274,000 pounds of all Italian varieties produced in 1954 was the second highest of record and 4 percent above the preceding year. Record high production was registered in 1946 when 75,388,000 pounds were produced. Cream cheese production for 1954 was the highest of record and, at 73,412,000 pounds, was 3 percent higher than that of 1953. Production of Neufchatel totaled only 5,826,000 pounds, a decline of 15 percent from the preceding year. Blue Mold cheese production, at 9,519,000 pounds, was fractionally lower than a year earlier, and at that level was the lowest since 1951. Unclassified varieties of cheese totaled 18,930,000 pounds, a decline of 3 percent from a year earlier, and the lowest since 1941.

Cottage cheese curd production, at 430,879,000 pounds for 1954, was the highest of record and 7 percent above a year earlier. Creamed cottage cheese production, at 535,036,000 pounds, was also a record and 7 percent higher than a year earlier.

Evaporated and Condensed Milk

Evaporated whole milk production for 1954 totaled 2,534,215,000 pounds, the lowest since 1940 and 1 percent less than in the preceding year. By regions, changes in production from 1953 to 1954 were mixed. Regional gains were as follows: Middle Atlantic, 30 percent; West North Central, 10 percent; South Atlantic, 2 percent; and South Central, 1 percent. Regions showing declines were East North Central and Mountain, 4 percent and Pacific, 3 percent. Wisconsin, with 17 percent of the Nation's total, ranked first among the States producing evaporated milk. Wisconsin's proportion of the Nation's total has dwindled during the past decade. Ten years ago, it made almost one-third of the total. Other leading States ranked as follows in 1954: California second, followed by Ohio, Kentucky, and Tennessee.

Canned condensed whole milk output for 1954 was 25,229,000 pounds, the lowest for any year of record, and 39 percent less than that of the preceding year. The production of sweetened condensed whole milk, bulk goods, totaled 49,172,000 pounds for 1954, a decline of 1 percent from 1953. Plain condensed whole milk, bulk goods, totaled 235,534,000 pounds. This is the highest production on record and a gain of 2 percent from 1953.

Dry Whole Milk

Dry whole milk production for 1954 was the lowest since 1942. At 93,874,000 pounds, output was 10 percent less than that of the preceding year. Wisconsin produced 30,693,000 pounds of the 1954 National production, New York 22,212,000 pounds, Ohio 15,148,000 pounds, Illinois 7,338,000 pounds, and California 6,219,000 pounds.

Ice Cream Production

Ice cream production in 1954 totaled 596,999,000 gallons, a decline of 1 percent from that of 1953. Changes in production from 1953 to 1954 varied widely by regions. Declines recorded were 2 percent in both the New England and the Middle Atlantic States, 1 percent in the East North Central and South Atlantic States, and 5 percent in the Pacific States. Output was practically unchanged in both the South Central and Mountain States, but the West North Central group showed a gain of 2 percent. Pennsylvania, with 69,537,000 gallons, continued to rank first among the States in ice cream production, followed by New York, California, Ohio, and Illinois, in that order. Production of ice cream for wholesale during 1954 totaled 542,373,000 gallons, a decline of 1 percent from 1953. Output for retail was 54,626,000 gallons, also a decline of 1 percent from a year earlier. Production for wholesale represents 91 percent of the total output and that for retail, 9 percent.

The number of roadside stands making frozen dairy products continued to gain in 1954, resulting in an increase in the total number of establishments reporting the production of ice cream.

In 1954, 19,656 establishments reported freezing ice cream, compared with 15,834 in 1953. The comparable production was 596,999,000 gallons in 1954 and 605,051,000 gallons in 1953.

Table 2.- Frozen dairy products: Production of specified items and total, United States, 1948-54

Item	1948	1949	1950	1951	1952	1953	1954
	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>
Total ice cream.....	575,484	558,054	554,351	568,849	592,705	605,051	596,999
Sherbet.....	12,211	13,616	17,018	20,469	25,637	31,079	34,048
Ice milk....	19,362	29,525	36,870	45,804	53,702	64,710	78,742
Other frozen dairy prod.	1/4,985	6,754	8,230	8,945	9,172	9,240	5,780
Mellorine...	-	-	-	-	11,188	24,207	31,419
Total.....	613,043	607,950	616,469	644,057	692,404	734,287	746,988

1/ For purposes of comparison, frosted malted and frozen custard were combined.

Ice Milk

For the tenth consecutive year, ice milk production has shown a gain. At 78,742,000 gallons in 1954, production was up nearly ten-fold from a decade earlier, and up 22 percent from the preceding year. Gains in production from 1953 to 1954, by regions, were New England, 25 percent; East North Central, 49 percent; West North Central, 20

percent; South Atlantic, 22 percent; South Central, 12 percent; Mountain, 16 percent; and Pacific, 19 percent. No ice milk is made in the Middle Atlantic States as its production is not permitted by law. Indiana was the only State showing ice milk for the first time in 1954. Laws in Indiana do not permit ice milk to be made for sale as such, but the production of a low-fat product is authorized for use in the preparation of milkshakes.

Mellorine-Type Frozen Desserts

Mellorine and Mellorine-type frozen desserts totaled 31,419,000 gallons for 1954. This is 30 percent greater than the revised production of 24,207,000 gallons for the preceding year. Mellorine is made with fats other than butterfat. The legal and most commonly known name for this product in most States is "Mellorine" and that designation will be used throughout this report. There were 10 States in which Mellorine was made in 1954 compared with 9 in 1953. The additional State was Nevada. The production of Mellorine began in Alabama, Arkansas, California, Montana, and Oregon in 1953, and in 1952 or earlier, in the other 4 States, Texas, Missouri, Oklahoma, and Illinois. It is anticipated that Mellorine will be made in at least one additional State in 1955.

Texas is not only the leading State in Mellorine production, but also showed the largest gain in actual gallons produced from 1953 to 1954. The increase was 5,128,000 gallons, or 41 percent. All States reporting Mellorine showed gains from 1953 to 1954 except Illinois, where a 12-percent decline occurred. Gains by States were as follows: Alabama, 167 percent; California, 100 percent; Arkansas, 96 percent; Montana, 57 percent; Oklahoma, 32 percent; Missouri, 21 percent; and Oregon, 14 percent. In analyzing the changes by States in 1954 from 1953, it should be taken into consideration that Arkansas, Alabama, California, and Montana plants produced during the entire year of 1954, but less than a full year in 1953. This is responsible for a considerable part of the increase in 1954 production compared with the preceding year.

A total of 1,223 establishments manufactured Mellorine during 1954, compared with 830 (revised) in 1953. Texas with 814 is the leading State in the number of establishments manufacturing Mellorine. This is two-thirds of the total for the Nation. However, most of the Texas establishments are small manufacturers who sell only at retail, such as drive-ins, roadside stands, and drugstores. Most of the States in which the production of Mellorine is legal permit the sale of Mellorine only in packaged containers. This type of plant usually has a much larger output than when the producer sells only at retail. Texas has both types of operators, but there are many more that produce for retail sale than manufacture for wholesale. Oklahoma's production includes not only Mellorine, but also Mello-Freeze or Mello-Treat, a product containing between 3.25 and 6.0 percent fat.

Table 3.- Production of "Mellorine-type" frozen desserts, 1954

Month	Ala.	Ark.	Calif.	Ill.	Mo.	Mont.	Okla.	Oreg.	Tex.	U.S. total ^{1/}
	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.	1,000 gal.
January...	4	11	104	286	187	5	123	18	766	1,505
February..	7	15	166	346	207	8	175	17	1,057	1,998
March.....	9	22	189	374	235	9	198	23	1,283	2,342
April.....	7	29	197	408	273	10	255	24	1,520	2,724
May.....	8	25	177	331	260	12	266	38	1,588	2,707
June.....	29	38	240	553	350	12	355	30	2,020	3,628
July.....	19	42	256	568	374	18	413	31	2,187	3,909
August....	17	38	233	479	310	13	351	33	2,152	3,527
September.	16	38	213	427	268	11	295	21	1,849	3,139
October...	12	27	178	340	204	10	218	23	1,431	2,444
November..	7	20	156	290	177	8	149	22	932	1,762
December..	9	19	151	279	172	7	129	18	850	1,634
Total...	144	325	2,260	4,681	3,017	124	2,927	298	17,635	31,419
No. plants	18	16	7	113	107	12	117	18	814	1,223

^{1/} Includes Nevada for which less than 3 plants reported.

Total Frozen Desserts Other Than Ice Cream and Water Ices

Combined production of frozen desserts using either milk fat, vegetable fats, milk solids not fat, etc., other than ice cream has risen sharply each succeeding year since 1947. The production of these products tripled in volume from 1949 to 1954. The production of ice cream has gained only 7 percent in the same period. Sherbet production rose 150 percent and ice milk 167 percent in this period, while other dairy products declined 14 percent. The total of all frozen products excluding water ices has risen 23 percent during this 5-year period.

Other Frozen Dairy Products

The sharp reduction from 1953 to 1954 shown in both volume of production and numbers of plants for "other frozen dairy products" is due to reclassification of some products rather than to actual declines. The production of 5,780,000 gallons of this class of product in 1954 is a decrease of 37 percent from the 9,240,000 gallons shown in 1953. Numbers of plants reporting decreased from 1,786 to 433. In 1953 and previous years, frozen custard, frosted malted and some products frozen without agitation have been included in this category for a number of States. It was later determined that most frozen custard met ice cream standards and should be classified as ice cream. Some of the frosted malted milk was so low in butterfat in States without standards for this product that it was decided it should properly be classified as ice milk.

Frozen Dairy Products Mix

The combined production of the mix used in ice cream and mix used in other frozen dairy products totaled 389,940,000 gallons for 1954, a gain of 2 percent from the preceding year. Mix manufactured primarily for use in ice cream was 324,126,000 gallons, practically unchanged from the preceding year. Output of mix for all low-fat items totaled 65,814,000 gallons, a gain of 14 percent from the preceding year.

Skim Milk Products

The equivalent of 21,810,000 pounds of skim milk was used in manufacturing skim milk products during 1954. This is the largest quantity of skim milk used in the past quarter century. For the past 4 years, there has been an increase in the quantity used each succeeding year. The quantity for 1954 represents a gain of 2,265,701,000 pounds, or 12 percent from the preceding year. More than 90 percent of this increase was made up of nonfat dry milk solids. Skim milk used in products showing gains from 1953 to 1954 were cottage cheese, with an increase of 7 percent; plain condensed skim milk, bulk goods, 11 percent; and nonfat dry milk solids, 15 percent. Skim milk used in all of the remaining products declined, with the decreases ranging from 1 percent for dry buttermilk to 42 percent for American full-skim cheese. Wisconsin continues to hold an impressive lead in the production of skim milk products and the skim milk used in that State in the manufacturing of these products represents 25 percent of the Nation's total. Minnesota was second with 15 percent, and New York was third, with 11 percent.

Nonfat Dry Milk Solids

For the second consecutive year, total nonfat dry milk solids reached a new high record in production. At 1,402,374,000 pounds, production was up 16 percent from 1953. Changes in production from 1953 to 1954, by regions, were mixed. Gains were as follows: Middle Atlantic, 14 percent; East North Central, 22 percent; West North Central 7 percent; Mountain, 23 percent; and Pacific, 29 percent. Declines by regions were New England, 11 percent; South Atlantic, 5 percent; and South Central, 2 percent. Ranking first in output, Wisconsin had 437,762,000 pounds, or 31 percent of the U. S. total. Other States in order of importance were Minnesota, New York, California, and Michigan.

Many new plants started producing nonfat dry milk solids in 1954, mostly by the spray process. In fact, the gain in the number of plants using this method was 14 percent from 1953 to 1954. During the past decade there has been a rapid change taking place in the proportion of nonfat dry milk solids manufactured by the spray and roller process. In 1945, 46 percent of this product was manufactured by the spray process; by 1954, the share had risen to 83 percent.

Table 4.- Skim-milk equivalents: Calculated quantities used in certain skim-milk and buttermilk products, United States, 1939-54

Year	Full-skim American cheese	Cottage cheese curd	Condensed and evaporated skim milk	Concentrated skim milk (for animal feed)	Nonfat dry milk solids	Dry casein	Condensed and dried buttermilk	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1939	4	1,042	1,132	35	4,492	1,459	997	9,151
1940	4	1,069	1,244	45	5,300	1,664	1,083	10,429
1941	7	1,172	1,519	58	5,242	1,690	1,217	10,905
1942	15	1,230	1,651	40	6,692	1,509	1,276	12,614
1943	37	1,337	1,901	45	5,873	656	1,173	11,022
1944	42	1,402	2,216	62	6,593	545	1,096	11,956
1945	35	1,780	2,922	37	7,251	440	1,026	13,501
1946	38	1,574	3,971	70	7,339	654	1,105	14,751
1947	34	1,346	2,887	56	7,701	1,279	1,067	14,370
1948	28	1,598	2,257	68	7,641	513	973	13,078
1949	20	1,774	2,324	42	10,518	655	1,078	16,411
1950	28	2,018	2,210	36	9,888	662	1,087	15,929
1951	21	2,227	2,117	27	7,884	772	1,024	14,072
1952	14	2,343	2,074	23	9,774	267	981	15,476
1953 1/	12	2,542	2,183	21	13,563	197	1,026	19,544
1954 2/	7	2,712	2,257	14	15,635	185	990	21,810

1/ Unrevised.
2/ Preliminary.

Miscellaneous Dry Products

Dry buttermilk production in 1954 totaled 56,348,000 pounds, the second highest since 1944, and 2 percent less than the recent high of 1953. As might be expected, the leading butter State is also the leader in the production of dry buttermilk. Minnesota's production of 18,207,000 pounds is nearly one-third of the Nation's total. Wisconsin follows with 17 percent, Iowa with 13 percent, North Dakota 6 percent, and Michigan 5 percent.

Dry casein production for 1954, at 5,175,000 pounds, is the lowest in 37 years of record. Output was 6 percent less than a year earlier. New York produced 2,835,000 pounds, California 1,711,000 pounds, and Vermont 397,000 pounds. At 175,327,000 pounds, dry whey production for 1954 was the highest of record, but it was only fractionally higher than the 1953 output. Condensed whey production, compiled in 1954 for the first time, totaled 175,204,000 pounds. These data exclude condensed whey from which part of the milk sugar has been removed. As might be expected, Wisconsin, where about half of the domestic cheese is produced, is the leading State in condensed whey production. Malted milk powder production for 1954 totaled 31,415,000 pounds, ninth highest on record, and down 3 percent from 1953. Dry ice cream mix in 1954 totaled 10,653,000 pounds, a gain of 19 percent from 1953. This includes some concentrated mix converted to a dry mix equivalent as well as some dry ice milk mix.

Crude milk sugar production for 1954 totaled 32,516,000 pounds, a gain of 25 percent from the preceding year.

Condensed Skim Milk

Output of sweetened condensed skim milk, bulk goods, for 1954, at 101,401,000 pounds, was the lowest since 1924, and was down 24 percent from the preceding year. Plain condensed skim milk, bulk goods, at 637,491,000 pounds, was the highest on record and was up 10 percent from the preceding year.

Production of evaporated skim milk, case goods, for 1954, totaled 16,881,000 pounds, second highest of record and only 3 percent less than last

UPDATA 1980

Table 5 - Revisions, manufactured dairy products: Production, by specified items, United States, by months, 1955 1/

Product	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	<u>Number</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>
Butter:														
Creamery 2/.....	2,568	105,968	101,920	121,446	155,489	155,971	153,955	135,851	118,770	94,987	91,608	91,554	109,050	1,412,109
Cheese:														
American														
Cheddar 3/.....	1,411	55,308	57,908	77,946	95,553	121,870	120,841	101,567	89,243	70,473	60,617	55,837	65,044	967,007
Other varieties, whole milk 4/.....	157	5,078	5,679	4,201	4,288	6,110	6,402	5,497	4,845	4,365	4,287	3,870	5,627	54,049
Total, whole milk 5/.....	1,459	58,586	61,587	82,147	97,841	128,980	127,245	106,864	94,088	74,838	64,904	59,507	66,671	1,021,056
Total cheese (excluding full-sk. Am. & cottage) 6/.....	1,885	86,940	86,513	110,050	124,692	156,460	156,001	152,385	119,281	100,069	91,221	85,721	95,267	1,544,400
Cottage cheese														
Curd 7/.....	1,778	50,597	52,161	57,720	55,857	58,182	57,627	55,800	52,754	51,671	52,082	50,082	29,506	405,822
Creamed 8/.....	1,700	57,702	59,598	46,670	45,698	44,895	45,678	45,447	41,519	40,069	41,004	37,766	36,744	500,790
Condensed milk:														
Sweetened														
Bulk goods														
Skimmed 9/.....	176	9,880	9,105	11,705	15,658	20,445	17,081	11,416	10,094	8,126	8,097	5,767	7,095	154,265
Unskimmed 10/.....	84	3,528	2,958	4,181	4,951	7,177	4,581	3,851	4,189	3,775	4,093	3,575	2,798	49,457
Unsweetened														
Bulk goods														
Skimmed 11/.....	359	34,322	37,164	46,869	49,953	62,974	64,452	61,693	57,167	48,181	41,005	56,251	41,077	581,088
Unskimmed 12/.....	142	15,080	14,877	18,513	18,704	21,868	23,832	27,170	24,581	20,035	17,094	14,632	15,160	251,149
Evaporated milk, unsweetened:														
Case goods														
Unskimmed 13/.....	108	169,708	159,084	202,404	243,576	321,125	324,737	262,797	227,569	170,473	162,301	152,541	157,424	2,553,559
Condensed or evaporated buttermilk 14/.....	85	11,017	9,816	10,672	11,624	13,166	13,552	11,260	10,621	9,741	9,420	9,419	12,149	132,657
Dry milk:														
Whole milk 15/.....	57	7,320	6,842	8,679	8,172	9,545	9,629	10,695	10,298	8,919	9,029	7,538	7,258	104,352
Nonfat dry milk solids														
Roller process 16/.....	249	15,945	14,675	25,504	30,620	39,520	36,744	22,265	17,556	10,264	9,259	8,715	15,529	242,196
Total nonfat for human food 17/.....	448	60,499	55,025	111,879	128,559	151,946	145,024	114,147	96,135	67,959	66,657	69,130	97,014	1,215,774
Buttermilk 18/.....	228	4,925	4,520	5,754	5,946	6,587	6,154	5,241	4,066	3,552	3,290	3,581	4,206	57,424
Dry ice cream mix 19/.....	10	659	669	515	948	1,091	719	1,514	611	644	732	550	734	9,586
Frozen products:														
Ice cream														
Wholesale 20/.....	3,132	55,815	54,724	41,620	45,659	51,434	60,948	65,805	57,007	51,445	41,640	35,770	55,781	549,828
Retail 21/.....	15,884	3,154	3,182	3,866	4,293	5,286	6,299	6,925	6,133	5,243	4,180	3,353	5,319	55,225
Total 22/.....	18,966	56,969	57,906	45,486	49,152	56,720	67,247	72,730	63,140	56,688	45,820	37,103	57,100	605,051
Sherbet, milk 23/.....	6,228	1,227	1,366	1,887	2,285	3,528	4,662	4,942	5,697	2,941	2,052	1,596	1,286	51,079
Ice milk 24/.....	9,421	3,054	3,519	4,522	4,908	6,192	7,672	8,288	7,569	6,867	5,419	5,275	5,225	64,710
Other frozen dairy products 25/.....	1,786	439	486	588	744	912	1,170	1,223	1,110	982	751	486	569	9,240
"Mellorine type" desserts 26/.....	850	1,064	1,162	1,607	1,767	2,201	3,139	2,978	2,751	2,552	2,229	1,464	1,265	24,207
Water ices 27/.....	2,672	551	759	1,575	2,749	5,966	4,996	4,736	3,208	2,182	1,080	599	490	80,851
Ice cream mix 28/.....	2,949	19,189	19,859	24,191	25,653	30,901	36,741	39,350	34,206	30,328	24,065	19,468	19,552	525,465
All other mix 29/.....	1,589	2,255	2,563	3,653	4,559	6,108	7,667	8,287	7,005	5,925	4,254	2,792	2,459	57,688

1/ For revised annual totals by States, see table 9. State totals may not be shown if there were less than 5 plants reporting. Revisions shown in following States:
 2/ Minnesota, Pennsylvania, Texas. 3/ Tennessee, Utah. 4/ Utah. 5/ Tennessee, Utah. 6/ Tennessee, Utah. 7/ Illinois, Indiana, Ohio, Pennsylvania. 8/ Illinois, Indiana, Minnesota, Ohio, Pennsylvania, Virginia. 9/ Kentucky. 10/ Kentucky, Oklahoma. 11/ Mississippi, Oklahoma, Pennsylvania, Tennessee. 12/ Mississippi, Oregon, Tennessee. 13/ Washington. 14/ Maryland. 15/ Minnesota (Number of plants only). 16/ Oregon. 17/ Oregon. 18/ Iowa, Minnesota, North Dakota. 19/ Oregon. 20/ Arkansas, Iowa, Michigan, Mississippi, Nebraska, Ohio, Oregon, Pennsylvania, Texas. 21/ Arkansas, Iowa, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Nebraska, New Mexico, Ohio, Oregon, Pennsylvania, Rhode Island, Texas. 22/ Arkansas, Iowa, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, Oregon, Rhode Island, Texas. 23/ Arkansas, Iowa, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, Oregon, Rhode Island, Texas. 24/ Alabama, (Number of plants only), Arkansas, Georgia, Iowa, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, Oregon, Rhode Island, Texas. 25/ Arkansas, Iowa, Louisiana, Maine, Maryland, New Jersey, New Mexico, Oklahoma, Rhode Island, Texas. 26/ Arkansas, Missouri, Texas. 27/ Arkansas, Iowa (Number of plants only), Louisiana, Maine (Number of plants only), Maryland, Missouri, Oregon, Rhode Island, Texas, Utah. 28/ Arkansas, Kansas, Michigan, Mississippi, Nebraska, North Dakota, Ohio, Oregon, Pennsylvania, Texas. 29/ Arkansas, Georgia, Iowa, Kansas, Mississippi, Nebraska, Texas, Wisconsin.

Table 6 - Manufactured dairy products: Production, by specified items, United States, 1945-54

Product	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
Butter:	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>
Creamery 1/.....	1,563,717	1,171,359	1,329,094	1,210,324	1,412,111	1,586,408	1,202,981	1,188,170	2/1,412,109	1,448,688
Cheese:										
American:										
Whole milk.....	875,084	801,264	932,718	854,447	935,206	892,706	873,458	849,817	2/1,021,056	1,042,345
Part skim.....	1,098	2,698	4,906	3,987	769	2,319	888	1,309	1,417	2,378
Swiss, including block.....	50,065	55,695	71,612	70,865	81,043	99,483	92,049	108,032	103,780	113,525
Brick and Munster.....	14,756	17,678	26,533	26,506	30,376	30,146	31,880	33,821	36,717	40,877
Limburger.....	8,777	9,548	7,753	7,358	7,180	6,003	6,539	6,091	5,752	5,018
Cream and Neufchatel.....	66,912	78,802	68,503	59,816	58,495	68,753	73,563	78,139	78,285	79,238
All Italian varieties.....	64,828	75,388	38,100	43,579	54,863	61,704	57,215	60,875	68,417	71,274
Blue mold.....	9,828	12,451	10,580	9,289	8,141	7,657	5,451	10,883	9,554	9,519
All other varieties.....	25,624	52,824	24,241	25,719	23,369	22,714	20,261	21,295	19,422	16,930
Total 3/.....	1,116,772	1,106,347	1,182,946	1,098,366	1,199,442	1,191,467	1,161,304	1,170,262	2/1,344,400	1,383,104
Full-skim American type.....	2,172	2,367	2,153	1,754	1,251	1,774	1,302	696	749	435
Cottage, pot, and bakers'.....	284,774	4/	4/	4/	4/	4/	4/	4/	4/	4/
Cottage cheese										
Curd 5/.....	-	246,303	215,302	255,639	283,938	322,803	359,671	374,869	2/403,822	433,879
Creamed 5/.....	-	209,893	230,597	249,236	287,087	352,428	404,997	445,704	2/500,790	538,036
Condensed milk:										
Sweetened										
Case goods										
Skimmed.....	216	302	243	362	-	91	1,475	-	-	-
Unskimmed.....	143,306	113,906	164,733	126,295	107,902	61,973	58,933	54,438	41,464	25,229
Bulk goods										
Skimmed.....	519,188	818,076	541,813	239,290	215,295	210,637	207,295	166,806	2/134,265	101,401
Unskimmed.....	77,016	69,750	82,553	45,542	47,179	39,210	42,705	47,719	2/49,457	49,132
Unsweetened										
Bulk goods										
Skimmed.....	454,443	487,219	403,194	494,036	537,668	523,182	487,157	510,102	2/581,088	637,491
Unskimmed.....	128,875	98,471	174,525	200,485	202,851	221,724	230,143	222,607	2/231,149	235,534
Evaporated milk, unsweetened:										
Case goods, unskimmed.....	3,776,383	3,050,643	3,208,027	3,382,893	2,755,780	2,682,475	2,896,366	2,840,036	2/2,553,339	2,534,215
Condensed or evaporated buttermilk.....	160,441	226,708	189,135	170,954	178,385	183,470	174,652	154,452	2/132,657	123,329
Dry milk:										
Whole milk.....	217,276	188,406	164,888	170,087	125,541	124,986	131,017	101,732	104,352	93,874
Nonfat dry milk solids for human food.....	642,546	653,465	677,941	681,532	934,934	881,492	702,476	863,220	2/1,213,774	1,402,374
Skim milk for animal feed.....	17,508	13,704	22,149	13,145	21,244	17,404	14,299	25,306	19,967	18,020
Buttermilk.....	49,578	38,627	45,437	41,839	49,359	48,337	45,467	47,067	2/57,424	56,348
Cream.....	203	567	320	312	178	459	1,070	274	717	839
Casein.....	12,333	18,319	35,831	14,372	18,348	18,531	21,620	7,482	5,532	5,175
Malted milk powder.....	42,751	45,029	37,354	31,561	25,569	30,710	33,391	29,811	32,482	31,415
	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>	1,000 <u>gallons</u>
Ice cream, total.....	477,162	713,769	631,023	576,484	558,054	554,351	568,849	592,705	2/605,051	596,999
Sherbet.....	65,177	12,019	10,447	12,211	13,616	17,018	20,469	25,637	2/31,079	34,048
Ice milk.....	11,722	15,296	15,572	19,582	29,526	36,870	45,804	53,702	2/64,710	78,742

1/ Includes whey butter.

2/ Revised.

3/ Excludes full-skim cheddar and cottage cheese.

4/ Data not gathered on comparable basis with previous years. See cottage cheese curd and creamed cottage cheese.

5/ Comparable data for years prior to 1946 not available. Cottage cheese curd includes cottage, pot, and bakers' cheese with a butterfat content of less than 4 percent

made by reporting plants. Creamed cottage cheese includes cheese with a butterfat content of 4 to 19 percent. Cottage cheese curd and creamed cottage cheese should not be added together to get a total cottage cheese figure, for while some of the cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant for creaming prior to sale.

Table 7 - Manufactured dairy products: Production, by specified items, by geographic divisions, United States, 1953 and 1954

Product	New England		Middle Atlantic		East North Central		West North Central		South Atlantic	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Butter, creamery.....	2,852	3,441	1/44,969	48,739	421,317	455,111	728,582	788,514	15,488	14,600
Cheese:										
American:										
Cheddar.....	3,680	4,786	31,628	32,905	589,851	578,417	179,687	187,654	5,289	5,937
Other varieties, whole 2/.....	144	217	4,051	4,545	37,858	42,608	2,143	1,882	-	-
Total, whole milk 3/.....	3,824	5,003	35,679	37,446	607,487	619,025	181,830	189,536	5,289	5,937
Part skim.....	-	-	141	94	874	1,512	155	589	-	-
Swiss, including block.....	-	-	724	697	71,401	76,950	17,789	17,960	3	2
Munster.....	-	-	444	251	11,989	14,865	-	-	-	-
Brick.....	-	-	34	85	23,681	24,702	447	155	-	-
Limburger.....	-	-	1,095	1,095	4,637	3,922	-	-	-	-
All Italian varieties.....	5,891	4,914	28,449	29,400	33,796	34,133	55	55	-	-
Cream 4/.....	1,635	1,559	29,724	32,422	27,715	27,010	55	45	-	-
Neuchâtel 5/.....	322	214	3,003	2,627	2,609	2,245	-	-	-	-
Blue mold.....	-	58	14	16	7,107	7,681	1,540	1,414	2	6
All other varieties.....	1,050	844	7,094	7,353	9,570	9,787	28	27	-	-
Total 6/.....	10,523	12,571	106,591	111,417	800,865	820,532	201,857	209,539	5,294	5,947
Full-skin American type cheese... 7/	203	-	187	100	155	104	141	149	-	-
Cottage cheese:										
Curd.....	26,132	26,088	1/78,923	82,334	1/121,310	131,613	42,296	47,465	18,148	18,690
Creamed.....	18,577	19,375	1/79,744	85,880	1/155,335	170,473	1/51,955	57,270	1/19,753	21,565
Condensed milk:										
Sweetened:										
Case goods:										
Unskimmed.....	-	-	1,988	869	21,600	11,016	-	-	-	-
Bulk goods:										
Skimmed.....	1,889	1,536	40,813	28,571	53,115	39,125	9,144	5,228	8,548	10,626
Unskimmed.....	1,125	190	3,800	3,679	20,274	21,693	10,199	7,678	7,584	11,472
Unsweetened:										
Bulk goods:										
Skimmed.....	9,698	11,897	1/89,483	106,181	199,302	215,878	108,354	99,820	48,979	41,606
Unskimmed.....	16,519	17,999	94,818	97,824	49,692	54,457	2,943	4,300	28,958	24,084
Evaporated milk, unsweetened:										
Case goods:										
Skimmed.....	-	-	-	-	15,478	14,490	1,644	2,391	-	-
Unskimmed.....	-	-	50,915	68,012	1,063,651	1,017,886	219,017	241,197	190,267	195,488
Conc. skim milk for animal feed... 8/	-	-	1,889	1,154	2,074	1,548	2,612	1,408	554	470
Condensed or evaporated buttermilk.	99	-	2,038	1,878	54,484	47,969	61,295	68,332	1/566	717
Dry milk:										
Whole milk.....	-	-	18,939	22,212	68,878	59,648	8,548	3,667	-	179
Nonfat dry milk solids:										
Spray process.....	17,561	17,078	108,092	125,599	418,044	528,770	288,898	321,414	13,698	10,678
Roller process.....	12,567	2,668	51,139	58,235	90,301	92,819	58,977	47,796	11,397	13,226
Total nonfat for human food... 9/	30,128	26,744	159,231	181,892	508,345	621,589	345,875	369,210	25,095	23,905
Skim milk for animal feed..... 10/	778	902	4,102	2,779	7,087	7,350	4,802	3,554	1,301	798
Buttermilk.....	-	2	1,195	654	15,516	17,004	1/37,252	34,709	-	106
Cream.....	-	-	18	40	849	716	4	-	-	-
Whey.....	-	-	14,540	13,175	88,827	82,092	37,986	48,080	-	-
Casein.....	555	397	3,063	2,835	588	115	506	-	-	-
Frozen products: 11/										
Ice cream:										
Wholesale.....	36,207	55,117	1/131,101	126,284	1/126,630	125,515	1/85,494	58,264	66,228	65,182
Retail.....	1/3,663	3,366	1/19,404	19,386	11,567	10,935	1/4,475	4,688	1/4,664	5,103
Total.....	1/39,870	58,083	1/150,565	147,670	1/138,233	136,450	1/89,969	62,952	1/70,892	70,287
Sherbet, milk.....	1/1,670	1,650	3,288	4,229	1/8,334	8,779	1/2,591	2,967	1/5,426	5,926
Ice milk.....	1/2,953	3,678	-	-	1/7,316	10,883	1/8/9,981	8/11,947	1/7,445	9,073
Other frozen dairy products.....	1/300	139	1/441	482	3,578	1,912	1/1,472	860	1/1,062	825
Mallowine.....	-	-	-	-	5,300	4,681	1/2,495	3,017	-	-
Water ices.....	1/1,633	1,425	6,889	6,507	4,772	4,845	1/2,072	2,113	1/5,134	5,013
Ice cream mix.....	21,520	21,681	1/79,429	82,948	1/75,658	74,293	1/31,743	33,076	37,883	36,726
All other mix.....	2,745	2,904	1,948	2,280	1/11,468	12,788	1/8,051	8,731	1/7,487	9,061

Continued

Table 7 - Manufactured dairy products: Production, by specified items, by geographic divisions, United States, 1953 and 1954 (Continued)

Product	South Central		Mountain		Pacific		United States		Percentage change
	1953	1954	1953	1954	1953	1954	1953	1954	
Butter, creamy.....	1,000 pounds 1/79,545	1,000 pounds 75,576	1,000 pounds 57,849	1,000 pounds 65,157	1,000 pounds 63,411	1,000 pounds 79,770	1,000 pounds 1/1,412,109	1,000 pounds 1,446,688	Percent + 3
Cheese:									
American									
Cheddar.....	1/121,749	107,450	1/30,909	28,406	26,214	26,691	1/967,007	970,444	0
Other varieties, whole 2/.....	47	8,421	1/4,355	9,197	5,675	5,033	1/54,049	71,901	+ 35
Total, whole milk 5/.....	1/121,798	115,871	1/35,264	37,603	31,887	31,724	1/1,021,056	1,042,345	+ 2
Part skim	-	-	85	212	161	391	1,417	2,378	+ 68
Swiss, including block.....	5,487	6,651	10,385	11,242	11	25	103,790	112,525	+ 9
Hunster.....	45	487	-	-	-	-	12,458	15,603	+ 25
Brick.....	54	377	2	-	41	5	24,259	25,274	+ 4
Limburger.....	-	-	-	-	-	-	5,752	5,018	- 13
All Italian varieties.....	-	-	-	-	2,446	2,792	66,417	71,274	+ 4
Green 4/.....	5,728	5,899	2	-	6,635	6,480	71,470	73,412	+ 5
Neufchatel 5/.....	282	738	-	-	-	2	6,815	5,826	- 15
Blue mold.....	-	-	-	1	891	361	9,554	9,519	0
All other varieties.....	61	86	179	150	1,450	1,708	19,422	19,930	- 3
Total 6/.....	1/132,051	130,109	1/45,917	49,208	45,522	45,661	1/1,344,400	1,363,104	+ 5
Full-skim American type cheese..	-	35	63	16	-	28	749	455	- 42
Cottage cheese									
Curd.....	25,023	28,087	12,616	13,834	79,374	85,168	1/403,822	433,879	+ 7
Creamed.....	38,446	43,404	16,804	19,142	119,176	117,927	1/500,790	555,058	+ 7
Condensed milk:									
Sweetened									
Case goods									
Unskimmed.....	10,656	9,865	-	-	7,020	3,481	41,464	25,429	- 39
Bulk goods									
Unskimmed.....	1/5,183	6,159	2,375	1,487	13,320	7,689	1/134,265	101,401	- 24
Skimmed.....	1/2,931	526	-	50	3,564	3,646	1/49,457	49,132	- 1
Unskimmed.....									
Unsweetened									
Bulk goods									
Unskimmed.....	1/59,834	61,590	6,146	7,837	59,292	92,584	1/561,088	637,491	+ 10
Skimmed.....	1/9,860	10,206	4,879	2,058	1/23,400	24,646	1/231,149	255,534	+ 2
Unskimmed.....									
Evaporated milk, unsweetened:									
Case goods									
Unskimmed.....	499,026	503,325	165,905	159,919	1/564,558	352,378	1/2,553,339	2,534,215	- 1
Skimmed.....									
Unskimmed.....									
Conc. skim milk for animal feed...	-	-	-	-	-	-	7,129	4,580	- 36
Condensed or evaporated buttermilk	14,191	3,503	184	130	-	-	1/132,657	123,329	- 7
Dry milk:									
Whole milk.....	-	-	1,356	897	6,851	7,271	104,352	93,874	- 10
Nonfat dry milk solids									
Spray process.....	8,302	7,959	50,639	62,441	66,340	84,597	971,578	1,156,537	+ 19
Roller process.....	7,875	7,667	-	28	1/11,580	16,142	1/242,196	243,837	+ 1
Total nonfat for human food.	16,183	15,626	50,639	62,469	1/78,220	100,739	1/1,213,774	1,402,374	+ 16
Skim milk for animal feed.....	114	353	318	480	1,465	2,816	19,967	19,020	- 5
Buttermilk.....	1,493	2,065	987	966	981	842	1/57,424	56,348	- 2
Cream.....	-	-	-	-	46	83	717	839	+ 17
Whey.....	6,208	6,215	9,143	8,662	17,957	17,103	174,656	175,327	0
Cassini.....	64	-	70	117	686	1,711	5,532	5,175	- 6
Frozen products: 7/									
Ice cream:									
Wholesale.....	1/61,984	62,039	16,999	17,135	1/55,209	52,787	1/549,826	542,373	- 1
Retail.....	1/3,553	3,350	1/2,007	1,923	5,930	5,273	1/55,223	54,626	- 1
Total.....	1/65,537	65,389	1/18,976	19,058	1/61,039	58,060	1/605,051	596,999	- 1
Shorbet, milk.....	1/3,932	4,696	1/1,259	1,360	4,579	4,441	1/31,079	34,048	+ 10
Ice milk.....	1/12,882	14,483	1/5,164	8/6,005	1/8/18,991	8/22,673	1/64,710	78,742	+ 22
Other frozen dairy products.....	1/1,724	1,113	1/464	438	199	41	1/9,240	5,760	- 37
Mellorine.....	1/14,944	21,031	79	132	1,391	2,558	1/24,207	31,419	+ 30
Water ices.....	1/3,571	3,510	1/781	802	1/2,249	2,299	1/26,851	25,514	- 1
Ice cream mix.....	1/35,702	35,358	9,946	9,899	1/31,604	30,162	1/323,483	324,126	0
All other mix.....	1/8,771	9,818	3,817	4,667	13,403	15,637	1/57,688	65,614	+ 14

1/ Revised.
 2/ Includes colby, washed curd, high and low moisture jack, Monterey, and gramin.
 3/ Comparable to data published prior to 1944 under designation of American Cheddar cheese.
 4/ Not less than 35 percent butterfat.
 5/ Butterfat content ranges from 20 to 32 percent, inclusive.
 6/ Excluding full-skim American and cottage cheese.
 7/ The production shown for frozen products includes that made by all types of plants for both wholesale and retail.
 8/ Includes low fat or substandard ice cream in Montana and Oregon; substandard frozen dessert in Iowa; imitation ice cream in North Dakota.

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954

Product	Alabama		Arizona		Arkansas		California		Colorado		Connecticut		Delaware	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
Butter, creamery.....	1,000 pounds 1/	1,000 pounds 1/	1,000 pounds 1/	1,000 pounds 1/	1,000 pounds 4,110	1,000 pounds 5,623	1,000 pounds 28,462	1,000 pounds 39,887	1,000 pounds 16,547	1,000 pounds 16,526	1,000 pounds -	1,000 pounds 1/	1,000 pounds -	1,000 pounds -
Cheese:														
American:														
Cheddar.....	5,455	2,614	-	-	15,797	12,928	542	1,760	2,421	2,428	-	-	-	-
Other varieties, whole milk 2/.....	-	1/	-	-	-	1/	5,487	5,823	-	1/	-	-	-	-
Total, whole milk 3/.....	5,455	5,246	-	-	15,797	13,058	4,029	5,583	2,421	2,449	-	-	-	-
Part skim.....	-	-	-	-	-	-	161	391	1/	1/	-	-	-	-
Swiss, including block.....	-	-	-	-	1/	1/	-	-	-	-	-	-	-	-
Munster.....	-	-	-	-	1/	1/	-	-	-	-	-	-	-	-
Brick.....	-	-	-	-	1/	1/	-	-	-	-	-	-	-	-
Limburger.....	-	-	-	-	1/	1/	-	-	-	-	-	-	-	-
All Italian varieties.....	-	-	-	-	-	-	2,397	2,759	-	-	1/	1/	-	-
Cream 4/.....	-	-	-	-	-	-	5,658	5,593	-	-	-	-	-	-
Neufchatel 5/.....	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Blue mold.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties.....	-	-	1/	1/	-	-	1,222	1,246	-	-	-	-	-	-
Total 6/.....	5,455	7,5,246	1/	1/	7/15,571	7/16,612	7/13,508	7/ 15,562	7/2,480	7/2,518	1/	1/	-	-
Full-skim Am. type cheese.....	-	-	-	-	-	-	-	1/	1/	1/	-	-	-	-
Cottage cheese.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Curd 8/.....	542	606	1,251	1,575	1,037	727	61,247	65,903	4,578	4,714	5,628	4,191	99	76
Creamed 9/.....	441	494	2,026	2,523	986	733	91,183	87,972	5,122	5,741	2,194	2,504	33	42
Condensed milk:														
Sweetened:														
Case goods:														
Unskimmed.....	-	-	-	-	-	-	1/	1/	-	-	-	-	-	-
Bulk goods:														
Skimmed.....	-	-	-	-	1/	1/	6,217	3,485	2,575	1,487	-	1/	-	-
Unskimmed.....	-	-	-	-	-	-	1,405	974	-	1/	-	1/	-	-
Unsweetened:														
Bulk goods:														
Skimmed.....	2,230	1,963	1/	1/	3,023	4,503	53,431	65,919	929	3,132	235	372	-	-
Unskimmed.....	1/	-	1/	-	-	-	19,648	19,642	1/	1/	1/	2,225	-	-
Evaporated milk, unsweetened:														
Case goods, unskimmed.....	-	-	1/	-	1/	1/	269,626	277,507	1/	1/	-	-	-	-
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	1/	1/	-	-	-	-
Condensed or evaporated buttermilk.....	-	-	-	-	1/	1/	-	-	1/	1/	-	-	-	-
Dry milk:														
Whole milk.....	-	-	-	-	-	-	5,991	6,219	1/	1/	-	-	-	-
Nonfat dry milk solids:														
Spray process.....	-	-	-	-	-	-	50,580	66,059	-	1/	-	-	-	-
Roller process.....	-	-	-	-	-	-	5,664	7,066	-	1/	-	-	-	-
Total nonfat for human food.....	-	-	-	-	-	-	56,244	73,105	-	1/	-	-	-	-
Skim milk, for animal feed.....	-	-	1/	1/	-	-	458	865	-	-	-	-	-	-
Buttermilk.....	-	-	1/	1/	1/	1/	586	570	1/	1/	-	-	-	-
Whey.....	-	-	-	-	1/	1/	1/	1/	-	-	-	-	-	-
Casein.....	-	-	1/	1/	-	-	674	1,711	-	-	-	-	-	-
Frozen products: g/														
Ice cream:														
Wholesale.....	7,050	7,871	2,172	2,358	10/2,362	2,296	42,405	40,187	5,519	5,445	7,206	6,919	1,858	1,774
Retail.....	214	115	274	200	10/517	262	5,317	2,965	225	378	658	724	180	217
Total.....	7,264	7,986	2,446	2,558	10/2,879	2,578	45,722	43,152	5,544	5,823	7,864	7,643	2,038	1,991
Sherbet, milk.....	482	447	147	162	10/81	120	3,916	3,776	520	507	314	266	56	1/
Ice milk.....	2,098	2,049	973	1,078	10/658	1,556	14,964	16,512	1,543	1,891	717	879	-	-
Other frozen dairy products.....	-	-	76	-	10/59	-	-	-	203	328	58	-	-	-
Mellorine.....	56	144	-	-	10/166	325	1,150	2,260	-	-	-	-	-	-
Water ices.....	500	569	200	161	10/116	127	1,617	1,964	175	220	336	269	88	90
Ice cream mix.....	3,737	3,930	1,277	1,248	10/2,566	2,393	25,378	22,462	5,030	3,013	4,604	4,725	969	958
All other mix.....	1,598	1,586	858	898	10/115	562	10,516	12,296	1,252	1,613	332	357	59	1/

See footnotes on page 22.

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Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954 - Continued

Product	District of Columbia		Florida		Georgia		Idaho		Illinois		Indiana		Iowa	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Butter, creamery.....	-	-	1/	1/	787	399	24,815	32,079	57,730	57,602	58,001	59,402	187,296	188,070
Cheese:														
American	-	-	-	-	557	748	17,584	14,150	55,586	49,591	22,805	19,741	16,486	20,954
Cheddar.....	-	-	-	-	-	-	3,940	8,325	2,058	2,688	9,810	8,019	524	1,145
Other varieties, whole milk 2/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total, whole milk 3/.....	-	-	-	-	557	748	21,524	22,455	55,422	52,279	32,615	27,760	17,410	22,099
Part skim.....	-	-	-	-	-	-	1/	1/	1/	1/	652	1,075	155	1/
Swiss, including block.....	-	-	-	-	-	-	4,850	5,124	27,972	32,129	1/	-	548	551
Manister.....	-	-	-	-	-	-	-	-	206	155	1,981	5,546	-	-
Brick.....	-	-	-	-	-	-	1/	-	822	701	6,587	6,846	1/	1/
Limburger.....	-	-	-	-	-	-	-	-	654	956	1/	-	-	-
All Italian varieties.....	-	-	-	-	-	-	-	-	2,415	2,714	1/	1/	-	-
Cream 4/.....	-	-	-	-	-	-	-	-	344	568	-	-	-	-
Neufchatel 5/.....	-	-	-	-	-	-	-	-	1/	1/	1/	1/	1/	1/
Blue mold.....	-	-	-	-	-	-	1/	-	1,059	952	-	-	1/	1/
All other varieties.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total 6/.....	-	-	-	-	557	748	7/26,232	7/27,722	7/91,886	7/95,110	7/45,097	7/39,782	7/18,215	7/23,035
Full-skin Am. type cheese.....	-	-	-	-	-	-	-	-	-	-	-	1/	-	1/
Cottage cheese	-	-	-	-	856	848	1,113	1,289	10/22,918	25,233	10/10,755	11,154	8,969	7,725
Curd B.....	2,219	2,068	2,501	1,984	-	-	1,488	1,857	28,897	28,897	16,410	16,410	7,806	7,961
Creamed B.....	3,072	2,903	2,483	2,554	754	995	-	-	-	-	-	-	-	-
Condensed milk:														
Sweetened														
Case goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods	-	-	-	-	1/	1/	-	-	7,858	2,168	6,884	5,450	58	1/
Skimmed.....	-	-	-	-	1/	1/	-	-	1,099	1,026	1,836	2,040	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unsweetened	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods	-	-	-	-	1/	497	1/	1/	27,001	28,571	16,902	13,887	13,651	12,564
Skimmed.....	-	-	-	-	2,504	1/	-	-	1,321	1,734	15,576	14,696	1/	1/
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Evaporated milk, unsweetened:														
Case goods, unskimmed.....	-	-	-	-	-	-	1/	1/	138,819	154,572	81,558	86,189	1/	1/
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	1/	-	1/	1/	1/	1/
Condensed or evaporated buttermilk.....	-	-	-	-	-	-	-	-	40,680	34,910	1/	1/	35,125	41,358
Dry milk:														
Whole milk.....	-	-	-	-	-	-	1/	1/	5,614	7,320	1/	1/	-	-
Nonfat dry milk solids	-	-	-	-	-	-	-	-	9,483	13,895	20,410	20,440	19,410	25,503
Spray process.....	-	-	-	-	1/	1/	40,709	52,764	3,792	3,554	17,272	15,426	10,291	12,119
Roller process.....	-	-	-	-	-	-	-	-	13,475	17,449	57,682	55,866	29,701	37,822
Total nonfat for human food.....	-	-	-	-	1/	1/	40,709	52,764	13,475	17,449	57,682	55,866	29,701	37,822
Skim milk, for animal feed.....	-	-	-	-	-	-	217	304	325	243	309	425	1,951	1,564
Buttermilk.....	-	-	-	-	-	-	1/	1/	592	875	1,285	1,087	10/8,542	7,145
Whey.....	-	-	-	-	-	-	6,110	4,752	3,047	7,849	8,121	1/	1,428	1,622
Casein.....	-	-	-	-	-	-	-	-	1/	1/	-	-	1/	-
Frozen products: 9/														
Ice cream														
Wholesale.....	5,558	4,673	11,464	12,687	7,208	7,206	2,166	2,153	27,086	27,077	18,392	18,112	10/9,962	10,410
Retail.....	396	561	619	474	301	348	281	288	2,716	2,209	2,347	2,522	10/7,598	1,320
Total.....	5,954	5,234	12,083	13,161	7,509	7,554	2,447	2,441	29,802	29,286	20,739	20,634	10/11,658	11,730
Sherbet, milk.....	264	290	853	997	665	581	98	130	1,903	1,781	726	841	10/555	645
Ice milk.....	15	1/	1,707	2,246	10/1,064	1,267	674	723	5,595	5,022	-	296	10/117,241	11/2,201
Other frozen dairy products.....	1/	-	106	-	180	130	-	15	2,619	1,281	-	-	10/231	201
Hellorins.....	-	-	-	-	-	-	-	-	5,800	4,681	-	-	-	-
Water ices.....	267	54	825	899	383	450	24	11	1,599	1,476	556	337	261	260
Ice cream mix.....	2,456	1,996	6,531	6,748	5,225	4,912	1,220	1,539	15,525	15,454	10,384	10,313	5,780	6,141
All other mix.....	77	136	1,136	2,310	10/916	1,148	521	371	4,621	4,624	629	751	10/1,724	1,583

See footnotes on page 22.

Continued

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954 - Continued

Product	Kansas		Kentucky		Louisiana		Maine		Maryland		Massachusetts		Michigan	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
Butter, creamery.....	1,000 pounds 44,743	1,000 pounds 46,203	1,000 pounds 17,521	1,000 pounds 17,197	1,000 pounds 257	1,000 pounds 325	1,000 pounds 257	1,000 pounds 220	1,000 pounds 3,132	1,000 pounds 3,802	1,000 pounds 324	1,000 pounds 351	1,000 pounds 54,503	1,000 pounds 51,887
Cheese:														
American														
Cheddar.....	11,610	13,212	55,626	29,061	368	366	-	-	1/	1/	-	-	25,155	21,507
Other varieties, whole milk 2/				1/									7,229	9,880
Total, whole milk 3/.....	11,610	13,212	55,626	33,225	368	366	-	-	1/	1/	-	-	32,384	31,187
Part skim.....														
Swiss, including block.....														
Munster.....				1/					1/	1/				
Brick.....				1/										
Kimburger.....													1/	1/
All Italian varieties.....														
Cream 4/.....							1/	1/			1,110	1,217	2,551	1,617
Neufchatel 5/.....											1,635	1,558		
Blue mold.....											1/	1/		
All other varieties.....			1/	1/										
Total 6/.....	11,610	13,212	7/33,685	7/33,512	368	366	1/	1/	1/	1/	7/2,787	7/2,817	7/35,017	7/34,086
Full-skin Am. type cheese.....														
Cottage cheese														
Curd 8/.....	7,241	8,280	6,024	6,448	1,300	1,360	4,975	5,346	5,252	5,928	702	938	28,698	29,532
Creamed 9/.....	7,646	10,660	8,511	9,409	2,556	2,573	1,090	1,067	6,565	7,412	5,794	5,259	39,777	42,742
Condensed milk:														
Sweetened														
Case goods														
Unskimmed.....														
Bulk goods														
Skimmed.....	5,378	1,463	10/722	698	1/	1/	1/	1/	5,713	6,843	1/	-	1/	1/
Unskimmed.....	1/	1/	1/	170	1/	1/	1/	1/	7,219	1/	-	-	2,667	1,966
Unsweetened														
Bulk goods														
Skimmed.....	25,169	34,712	1,960	2,396	1/	1/	4,528	5,593	13,425	12,970	1/	1/	25,716	30,697
Unskimmed.....	1/	1/	1/	1/	1/	1/	1/	1/	11,477	18,514	-	-	11,329	9,006
Evaporated milk, unsweetened:														
Case goods, unskimmed.....	55,378	57,521	196,038	201,550	1/	1/	-	-	1/	1/	-	-	151,795	122,317
Concentrated skim milk for animal feed.....														
Condensed or evaporated buttermilk	5,803	4,739	1/	1/	-	-	-	-	-	-	-	-	1/	-
Dry milk:														
Whole milk.....	1/	1/	-	-	-	-	-	-	-	-	-	-	-	-
Nonfat dry milk solids														
Spray process.....	19,448	18,686	1/	1/	-	-	-	-	-	-	-	-	7,502	4,800
Roller process.....	1/	1/	1/	1/	1/	1/	1/	1/	11,021	12,165	1/	1/	39,084	38,987
Total nonfat for human food	19,470	18,746	2,343	2,286	1/	1/	1/	1/	13,159	13,002	1/	1/	25,090	23,344
Skim milk, for animal feed.....	1/	1/	-	-	-	-	-	-	-	-	-	-	65,174	67,331
Buttermilk.....	1,637	1,823	1/	1/	1/	-	1/	1/	395	477	1/	1/	2,024	1,315
Whey.....													2,704	3,035
Casein.....													1/	1/
Frozen products: 9/														
Ice cream														
Wholesale.....	6,608	6,488	5,392	5,356	7,550	7,827	3,143	3,109	9,210	9,168	20,043	19,510	10/28,794	27,665
Retail.....	462	503	10/386	366	10/364	264	10/327	327	10/525	1,093	1,791	2,048	1,665	1,497
Total.....	7,068	6,991	10/5,778	5,722	10/7,894	8,091	10/5,470	3,436	10/10,035	10,261	21,834	21,558	10/30,479	29,162
Sherbet, milk.....	289	372	10/327	419	10/404	482	10/136	109	10/765	849	874	949	10/3,643	3,934
Ice milk.....	12/2,639	12/3,352	10/787	1,151	10/976	1,506	10/559	625	-	-	1,459	1,786	-	-
Other frozen dairy products.....	266	-	146	67	10/219	175	10/59	1/	10/108	73	140	100	-	-
Mellorins.....														
Water ices.....	184	160	215	211	10/499	459	134	89	10/571	609	939	910	883	986
Ice cream mix.....	10/3,695	4,090	3,669	3,680	3,849	3,680	1,894	1,776	6,375	6,704	11,797	11,754	10/17,090	16,724
All other mix.....	10/1,859	2,243	362	385	942	1,056	392	508	673	568	1,697	1,918	2,012	2,417

See footnotes on page 22.

Continued

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954 - Continued

Product	Minnesota		Mississippi		Missouri		Montana		Nebraska		Nevada	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
Butter, creamery.....	1,000 pounds 10/267,974	1,000 pounds 272,093	1,000 pounds 6,086	1,000 pounds 5,570	1,000 pounds 66,332	1,000 pounds 60,678	1,000 pounds 6,634	1,000 pounds 6,405	1,000 pounds 76,888	1,000 pounds 78,198	1,000 pounds 574	1,000 pounds 557
Cheese:												
American												
Cheddar.....	65,492	65,524	15,873	12,641	84,316	87,085	4,005	4,472	1,859	356	-	-
Other varieties, whole milk 2/.....	-	-	-	3,092	1/	1/	-	-	-	1/	-	-
Total, whole milk 3/.....	65,492	65,524	15,873	15,733	85,332	87,729	4,005	4,472	1,859	449	-	-
Part skim												
Swiss, including block.....	1/	1/	-	-	-	1/	-	-	-	-	-	-
Munster.....	1/	1/	-	-	-	-	-	-	-	-	-	-
Brick.....	1/	1/	-	-	-	-	-	-	-	-	-	-
Limburger.....	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties.....	-	-	-	-	1/	1/	-	-	-	-	-	-
Cream 4/.....	-	-	-	-	1/	1/	-	-	-	1/	-	-
Neufchatel 5/.....	-	-	-	-	-	-	-	-	-	-	-	-
Blue mold.....	1,281	1,255	-	-	-	-	-	-	-	-	-	-
All other varieties.....	1/	1/	1/	-	-	1/	-	-	-	-	-	-
Total 6/.....	7/82,628	7/82,296	7/15,873	15,733	7/85,603	7/87,815	7/4,007	4,472	1,859	7/458	-	-
Full-skim American type cheese.....	1/	1/	-	-	-	-	-	-	-	-	-	-
Cottage cheese	9,425	9,616	184	444	11,281	16,202	1,050	1,041	4,050	4,102	78	57
Curd 8/.....	10/12,102	11,846	282	400	17,264	18,858	1,175	1,265	5,248	5,726	104	86
Creamed 9/.....	-	-	-	-	-	-	-	-	-	-	-	-
Condensed milk:												
Sweetened												
Case goods	-	-	1/	1/	-	-	-	-	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods	3,434	2,563	1/	1/	476	262	-	-	1,163	1,425	-	-
Skimmed.....	9,710	1/	1/	1/	1/	-	-	-	147	1/	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-
Unsweetened												
Bulk goods	10,002	9,218	10/7,399	7,760	31,980	25,159	-	-	27,555	18,467	1/	1/
Skimmed.....	-	1/	1/	2,527	2,222	3,092	-	-	709	1/	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed.....	1/	1/	1/	1/	97,998	123,843	-	-	-	-	-	-
Concentrated skim milk for animal feed.....	1/	-	-	-	1/	-	-	-	-	-	-	-
Condensed or evaporated buttermilk.....	4,743	4,221	-	-	5,544	6,838	-	-	9,388	10,570	-	-
Dry milk:												
Whole milk.....	6,435	1/	-	-	-	-	-	-	-	-	-	-
Nonfat dry milk solids												
Spray process.....	202,663	235,055	-	1/	39,478	36,753	-	-	7,899	5,417	-	-
Roller process.....	43,851	33,218	4,146	3,389	1,994	1,449	-	-	-	-	-	1/
Total nonfat for human food.....	246,514	268,273	4,146	5,079	41,472	38,202	-	-	7,899	5,417	-	1/
Skim milk, for animal feed.....	2,129	1,250	1/	341	508	515	-	-	1/	1/	-	-
Buttermilk.....	10/19,761	18,207	123	1/	579	820	-	-	2,192	2,061	-	-
Whey.....	15,577	26,549	-	-	20,981	19,908	1/	-	-	-	-	-
Casein.....	1/	-	-	-	-	-	-	-	-	-	-	-
Frozen products: 9/												
Ice cream												
Wholesale.....	14,584	14,833	10/2,984	3,273	14,953	14,972	2,134	2,002	10/5,487	5,208	854	691
Retail.....	514	469	168	172	10/205	612	885	477	521	576	34	30
Total.....	15,098	15,302	10/3,152	3,445	10/15,058	15,584	2,999	2,479	10/6,008	5,784	888	721
Sherbet, milk.....	486	531	10/189	224	10/725	875	89	111	10/364	375	62	60
Ice milk.....	1,122	1,153	10/1,725	1,823	10/1,851	2,753	15/285	15/360	10/1,563	1,717	206	292
Other frozen dairy products.....	110	167	81	57	508	222	-	-	227	205	-	-
Mallowine.....	-	-	-	-	10/2,493	3,017	79	124	-	-	-	1/
Water ice mix.....	698	715	190	239	10/655	673	58	67	149	120	-	1
Ice cream mix.....	8,512	8,935	10/1,572	1,894	8,442	8,468	1,411	1,302	10/5,142	3,185	459	565
All other mix.....	1,259	1,366	10/1,276	1,324	1,719	1,938	66	168	10/1,225	1,273	150	146

See footnotes on page 22.

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954 - Continued

Product	New Hampshire		New Jersey		New Mexico		New York		North Carolina		North Dakota	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
Butter, creamery.....	1,000 pounds 1/	1,000 pounds 1/	1,000 pounds 25	1,000 pounds 49	1,000 pounds 765	1,000 pounds 777	1,000 pounds 34,159	1,000 pounds 35,518	1,000 pounds 1,615	1,000 pounds 2,582	1,000 pounds 50,118	1,000 pounds 50,602
Cheese:												
American												
Cheddar.....	-	-	1/	1/	-	-	50,682	32,296	1/	1/	-	-
Other varieties, whole milk 2/.....	-	-	-	-	-	-	5,809	4,316	-	-	-	-
Total, whole milk 5/.....	-	-	1/	1/	-	-	34,491	36,612	1/	1/	-	-
Part skim.....	-	-	-	-	-	-	-	-	-	-	-	-
Swiss, including block.....	-	-	-	-	-	-	1/	1/	-	-	-	-
Munster.....	-	-	-	-	-	-	1/	1/	-	-	-	-
Erick.....	-	-	-	-	-	-	34	35	-	-	-	-
Limburger.....	-	-	-	-	-	-	1,095	1,096	-	-	-	-
All Italian varieties.....	-	-	2,597	2,984	-	-	24,427	24,628	-	-	-	-
Cream 4/.....	-	-	1/	1/	-	-	26,069	28,801	-	-	-	-
Neufchatel 5/.....	-	-	1/	1/	-	-	615	-	-	-	-	-
Blue mold.....	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties.....	-	-	-	-	-	-	6,435	6,765	-	-	-	-
Total 5/.....	-	-	7/2,857	7/3,536	-	-	7/93,545	7/96,623	1/	1/	-	-
Full-skim American type cheese.....	-	-	-	-	-	-	137	1/	-	-	-	-
Cottage cheese												
Curd 8/.....	151	176	3,690	2,806	970	1,221	54,530	58,757	1,766	2,540	239	269
Creamed 8/.....	161	182	3,991	4,179	1,466	1,601	53,479	58,436	2,097	2,781	419	516
Condensed milk:												
Sweetened												
Case goods:												
Unskimmed.....	-	-	-	-	-	-	1,988	1/	-	-	-	-
Bulk goods												
Skimmed.....	-	-	1/	1/	-	-	15,333	11,196	-	-	1/	1/
Unskimmed.....	-	-	-	-	-	-	1,961	1,656	-	-	-	-
Unsweetened												
Bulk goods												
Skimmed.....	-	-	1/	67	1/	1/	56,692	60,426	1,622	2,727	-	-
Unskimmed.....	-	-	1/	1/	1/	1/	66,968	69,968	6,114	4,998	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed.....	-	-	-	-	-	-	1/	1/	1/	1/	-	-
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-
Condensed or evaporated buttermilk.....	-	-	-	-	-	-	1/	1/	-	-	-	-
Dry milk:												
Whole milk.....	-	-	-	-	-	-	18,939	22,212	-	-	-	-
Nonfat dry milk solids.....	-	-	-	-	-	-	-	-	-	-	-	-
Spray process.....	-	-	-	-	-	-	96,281	105,780	1/	1/	-	-
Roller process.....	-	-	1/	1/	-	-	45,257	47,193	-	-	-	-
Total nonfat for human food.....	-	-	1/	1/	-	-	139,538	152,973	1/	1/	-	-
Skim milk, for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-
Buttermilk.....	-	-	-	-	-	-	3,855	2,571	-	-	-	-
Whey.....	-	-	-	-	-	-	1,195	654	-	-	10/2,864	3,180
Casein.....	-	-	-	-	-	-	14,540	13,175	-	-	-	-
	-	-	-	-	-	-	3,065	1/	-	-	-	-
Frozen products: 9/												
Ice cream												
Wholesale.....	1,075	904	13,467	13,203	1,308	1,227	54,769	55,965	12,942	12,637	1,684	1,855
Retail.....	419	364	2,684	3,151	10/74	69	7,933	7,796	1,336	1,567	115	117
Total.....	1,494	1,268	16,151	16,354	10/1,382	1,296	62,702	61,779	14,278	14,224	1,999	1,952
Sherbet, milk												
Ice milk.....	84	71	548	500	10/136	90	1,552	1,933	632	659	49	49
Other frozen dairy products.....	-	-	-	-	10/409	589	-	-	2,975	3,971	14/155	14/215
Hellorines.....	9	9	10/25	40	10/67	72	416	412	91	55	16	15
Water ices.....	-	-	-	-	-	-	-	-	-	-	-	-
Ice cream mix.....	376	435	757	810	48	80	3,111	2,877	1,908	1,992	66	74
All other mix.....	-	12	8,630	8,588	787	643	33,670	33,705	6,732	6,711	10/997	990
	-	-	196	295	300	520	1,541	1,540	2,100	2,543	49	85

See footnotes on page 22.

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Table 9 - Manufactured dairy products: Production, by specified items, by States, 1955 and 1954 - Continued

Product	Ohio		Oklahoma		Oregon		Pennsylvania		Rhode Island		South Carolina	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
Butter, creamery.....	1,000 pounds 65,567	1,000 pounds 64,314	1,000 pounds 29,784	1,000 pounds 30,148	1,000 pounds 15,728	1,000 pounds 17,885	1,000 pounds 10/10,787	1,000 pounds 15,172	1,000 pounds -	1,000 pounds -	1,000 pounds 156	1,000 pounds 145
Cheese:												
American												
Cheddar.....	18,592	15,621	7,009	6,715	22,425	23,851	956	598	-	-	-	-
Other varieties, whole milk 2/.....	8,511	11,199	-	-	1/	994	1/	1/	-	-	-	-
Total, whole milk 5/.....	27,103	26,820	7,009	6,715	24,358	24,845	1,178	825	-	-	-	-
Part skim.....	1/	1/	-	-	-	-	1/	1/	-	-	-	-
Swiss, including block.....	6,232	6,689	-	-	1/	1/	535	556	-	-	-	-
Munster.....	-	-	-	-	-	-	1/	1/	-	-	-	-
Brick.....	1/	1/	-	-	-	-	-	-	-	-	-	-
Limburger.....	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties.....	406	500	-	-	-	-	1,625	1,788	1/	1/	-	-
Cream 4/.....	1/	1/	1/	1/	-	-	5,585	5,501	-	-	-	-
Neufchatel 5/.....	1/	-	-	-	-	-	2,210	1,859	-	-	-	-
Blue mold.....	-	-	-	-	1/	1/	1/	1/	-	-	1/	1/
All other varieties.....	1/	1/	-	-	1/	1/	649	1/	-	-	-	-
Total 6/.....	7/46,175	7/45,658	7/10,270	7/9,953	7/25,260	7/25,252	7/9,889	7/9,258	1/	1/	1/	1/
Full-skin American type cheese.....	-	1/	-	-	-	-	1/	1/	-	-	-	-
Cottage cheese												
Curd 2/.....	10/31,621	37,573	4,783	5,868	5,129	5,614	10/20,703	21,371	-	-	150	189
Creamed 5/.....	10/40,906	45,846	6,640	8,077	7,604	8,699	10/22,274	25,265	-	-	94	168
Condensed milk:												
Sweetened												
Case goods												
Unskimmed.....	-	-	-	-	1/	-	-	-	-	-	-	-
Bulk goods												
Skimmed.....	10,422	7,833	950	1/	1/	1/	25,056	17,142	-	-	-	-
Unskimmed.....	8,144	7,728	10/1,307	98	-	-	1,839	2,023	-	-	-	-
Unsweetened												
Bulk goods												
Skimmed.....	48,100	47,793	10/7,901	6,958	1/	2,500	10/32,755	45,688	-	-	-	-
Unskimmed.....	5,452	6,682	198	985	1/	1/	27,788	27,614	-	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed.....	223,566	232,840	-	-	1/	1/	1/	1/	-	-	1/	1/
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	1,889	1,154	-	-	-	-
Condensed or evaporated buttermilk.....	12,029	11,301	2,277	1,142	-	-	1/	1/	-	-	-	-
Dry milk:												
Whole milk.....	15,733	15,148	-	-	1/	1/	-	-	-	-	-	-
Nonfat dry milk solids												
Spray process.....	42,364	50,608	2,013	1,463	7,587	9,625	11,811	19,819	-	-	-	-
Roller process.....	13,888	12,573	1/	1/	1/	1/	7,622	8,906	-	-	-	-
Total nonfat for human food.....	56,252	63,181	3,941	3,752	10/6,186	10,502	19,633	28,725	-	-	-	-
Skim milk, for animal feed.....	417	382	1/	1/	612	950	247	208	-	-	-	-
Buttermilk.....	2,663	2,478	885	1,288	1/	1/	-	-	-	-	-	-
Whey.....	-	1/	1/	1/	1/	1/	-	-	-	-	-	-
Casein.....	-	1/	1/	-	-	-	-	-	-	-	-	-
Frozen products: g/												
Ice cream												
Wholesale.....	10/35,225	34,878	4,614	4,719	10/5,030	4,620	10/62,865	61,098	5,425	5,897	2,502	2,365
Retail.....	5,227	5,186	611	453	1,030	968	10/8,847	8,439	10/310	338	208	225
Total.....	10/38,452	39,062	5,225	5,152	10/6,060	5,588	10/71,712	69,537	10/8,785	5,735	2,708	2,590
Sherbet, milk.....	1,605	1,663	10/402	470	272	278	1,588	1,796	10/152	184	99	122
Ice milk.....	5,060	4,462	10/1,400	1,778	10/151,630	151,780	-	-	10/159	224	700	765
Other frozen dairy products.....	959	631	10/289	172	33	78	-	-	10/12	-	115	80
Mellorine.....	-	-	2,215	2,827	261	298	-	-	-	-	-	-
Water ices.....	1,360	1,251	185	10/97	99	-	2,821	2,820	10/148	109	121	156
Ice cream mix.....	10/21,059	20,485	2,892	2,509	10/6,415	2,865	10/27,129	40,655	1,915	1,902	1,318	1,245
All other mix.....	5,727	5,778	1,150	1,317	553	1,153	411	627	183	201	311	292

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Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954 - Continued

Product	South Dakota		Tennessee		Texas		Utah		Vermont		Virginia	
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954
Butter, creamery.....	1,000 pounds 55,131	1,000 pounds 52,470	1,000 pounds 14,451	1,000 pounds 11,692	1,000 pounds 107,288	1,000 pounds 5,784	1,000 pounds 5,682	1,000 pounds 6,088	1,000 pounds 2,290	1,000 pounds 2,888	1,000 pounds 8,700	1,000 pounds 6,681
Cheese:												
American												
Cheddar.....	1,944	2,723	10/42,119	37,728	5,504	5,179	10/6,775	6,810	3,680	4,786	1/	1/
Other varieties, whole milk 2/.....	-	-	1/	1/	-	1/	1/	1/	1/	1/	-	-
Total, whole milk 3/.....	1,944	2,723	10/42,166	38,516	5,504	5,204	10/7,190	7,682	3,824	5,005	1/	1/
Part skim												
Swiss, including block.....	-	-	1/	1/	-	-	1/	1/	-	-	-	-
Munster.....	-	-	1/	1/	-	-	-	-	-	-	-	-
Brick.....	-	-	1/	1/	-	-	-	-	-	-	-	-
Limburger.....	-	-	1/	1/	-	-	-	-	-	-	-	-
All Italian varieties.....	-	-	-	-	-	-	-	-	1,459	2,695	-	-
Cream 4/.....	-	-	1/	1/	-	-	-	-	-	-	-	-
Neufchatel 5/.....	-	-	1/	1/	-	-	-	-	1/	1/	-	-
Blue mold.....	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties.....	-	-	-	-	-	-	-	-	1,008	792	-	-
Total 6/.....	1,944	2,723	10/47,325	7/45,485	5,504	7/5,200	10/11,859	7/12,168	7/6,572	7/8,700	1/	1/
Full-skim American type cheese.....	-	-	-	1/	-	-	-	-	1/	-	-	-
Cottage cheese												
Curd 8/.....	1,091	1,251	4,985	5,075	6,168	7,559	3,110	3,505	16,676	15,435	2,517	2,534
Creamed 9/.....	1,470	1,701	7,159	7,360	11,941	14,358	4,698	5,520	10,518	10,543	10/1,253	1,665
Condensed milk:												
Sweetened												
Case goods												
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods												
Skimmed.....	1/	1/	-	-	523	140	-	-	1,040	1/	2,935	3,682
Unskimmed.....	-	-	-	-	1/	1/	-	-	1/	1/	1/	1/
Unsweetened												
Bulk goods												
Skimmed.....	-	-	10/14,669	14,654	22,361	22,761	1,249	746	4,207	4,947	22,565	24,217
Unskimmed.....	-	-	1/	4,069	1/	-	-	-	1/	1/	1,959	1/
Evaporated milk, unsweetened:												
Case goods, unskimmed.....	-	-	158,277	168,647	1/	1/	60,994	56,658	-	-	1/	1/
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-
Condensed or evaporated buttermilk.....	1,394	1/	1/	-	-	-	-	-	1/	-	-	-
Dry milk:												
Whole milk.....	-	-	-	-	-	-	1/	1/	-	-	-	1/
Nonfat dry milk solids												
Spray process.....	-	-	1/	1/	1/	1,072	7,651	7,574	16,222	15,446	8,721	7,391
Roller process.....	1/	1/	1/	1/	1/	-	-	-	9,681	6,696	1/	1,121
Total nonfat for human food.....	1/	1/	4,119	2,715	1/	1,072	7,651	7,574	25,903	22,142	9,097	8,512
Skim milk, for animal feed.....	1/	1/	-	-	1/	-	1/	1/	1/	451	906	319
Buttermilk.....	1,477	1,475	-	-	1/	-	1/	1/	1/	1/	-	1/
Whey.....	-	-	-	1/	-	-	1/	1/	-	-	-	-
Casein.....	-	-	-	-	-	-	-	1/	1/	1/	-	-
Frozen products: 9/												
Ice cream												
Wholesale.....	2,018	1,918	12,327	12,661	10/19,725	18,086	2,506	2,750	1,315	1,278	10,396	10,160
Retail.....	262	291	435	453	10/1,040	1,285	838	297	158	145	529	508
Total.....	2,280	2,209	12,762	13,094	10/20,765	19,371	2,844	3,047	1,473	1,423	10,927	10,668
Sherbet, milk.....	125	120	594	758	10/1,453	1,776	174	251	110	71	1,706	2,002
Ice milk.....	390	556	2,540	2,990	10/2,518	1,942	860	957	79	164	-	-
Other frozen dairy products.....	114	50	85	1/	10/885	591	118	28	42	-	351	255
Mellorine.....	-	-	-	-	10/12,507	17,638	-	-	-	-	-	-
Water ices.....	59	111	761	582	10/1,135	1,178	-	-	-	-	-	-
Ice cream mix.....	1,175	1,287	6,813	7,263	10/10,277	10,000	10/227	258	74	48	557	441
All other mix.....	216	245	1,275	1,570	10/2,055	2,018	842	902	1,154	1,090	5,645	5,047
									141	110	1,255	1,124

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Table 9 - Manufactured dairy products: Production, by specified items, by States, 1953 and 1954 - Continued

Product	Washington		West Virginia		Wisconsin		Wyoming		United States 16/		Percentage change from 1953 to 1954
	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
Butter, creamery.....	18,201	21,998	941	660	205,716	219,908	2,553	2,247	10/1,412,109	1,448,688	+ 5
Cheese:											
American											
Cheddar.....	5,247	5,280	1/	1/	449,953	470,157	1/	1/	10/967,007	970,444	0
Other varieties, whole milk 2/.....	1/	1/	-	-	10,050	10,822	-	-	10/54,049	71,901	+ 53
Total, whole milk 2/.....	5,248	5,490	1/	1/	459,983	480,979	1/	1/	10/1,021,056	1,042,345	+ 2
Part skim.....	-	-	-	-	-	-	-	-	-	-	-
Swiss, including block.....	-	-	-	-	37,061	38,132	1/	1/	1,417	2,378	+ 68
Munster.....	-	-	-	-	9,782	11,582	-	-	103,780	113,525	+ 9
Brick.....	-	-	-	-	16,413	16,182	-	-	37,458	35,603	+ 25
Limburger.....	-	-	-	-	3,116	2,964	-	-	24,359	25,274	+ 4
All Italian varieties.....	1/	1/	-	-	28,101	28,607	-	-	5,782	5,018	- 13
Cream 4/.....	1/	1/	-	-	1/	1/	-	-	86,417	71,274	+ 4
Neufchatel 5/.....	1/	1/	-	-	1/	1/	-	-	71,470	73,412	+ 3
Plus mold.....	1/	1/	-	-	5,434	6,000	-	-	6,815	5,828	- 15
All other varieties.....	1/	1/	-	-	5,389	5,234	-	-	9,554	9,519	- 0
Total 2/.....	7/4,754	7/4,687	1/	1/	7/584,732	7/607,996	1/	1/	10/1,544,400	1,583,104	+ 5
Full-skin American type cheese.....	-	-	-	-	1/	-	-	-	749	435	- 42
Cottage cheese											
Curd 2/.....	12,998	15,651	3,008	2,503	27,340	28,121	436	432	10/405,822	435,879	+ 7
Creamed 3/.....	20,589	21,256	3,402	3,045	34,659	36,578	526	549	10/500,790	535,036	+ 7
Condensed milk:											
Sweetened											
Case goods											
Unskimmed.....	-	-	-	-	-	-	-	-	41,464	25,229	- 39
Bulk goods											
Skimmed.....	4,180	5,119	-	-	25,308	21,710	-	-	10/134,265	101,401	- 24
Unskimmed.....	2,159	2,672	-	-	9,037	10,904	-	-	10/49,457	49,132	- 1
Unsweetened											
Bulk goods											
Skimmed.....	4,429	4,165	1/	1/	85,581	94,928	-	-	10/581,068	637,491	+ 10
Unskimmed.....	2,737	3,280	1/	-	16,034	22,319	-	-	10/231,149	255,534	+ 2
Evaporated milk, unsweetened:											
Case goods, unskimmed.....	10/67,589	67,615	1/	1/	487,915	441,968	-	-	10/2,553,339	2,534,215	- 1
Concentrated skim milk for animal feed.....	-	-	1/	1/	-	-	-	-	7,129	4,580	- 56
Condensed or evaporated buttermilk.....	-	-	1/	1/	-	-	-	-	10/132,657	125,329	- 7
Dry milk:											
Whole milk.....	-	1/	-	-	40,816	50,693	-	-	10/104,532	93,874	- 10
Nonfat dry milk solids											
Spray process.....	8,573	8,935	-	-	506,705	404,840	1/	1/	971,578	1,158,537	+ 19
HOLLAR process.....	5,437	8,199	-	-	28,259	32,822	-	-	10/242,196	245,837	+ 1
Total nonfat for human food.....	13,810	17,132	-	-	335,962	437,662	1/	1/	10/1,213,774	1,402,374	+ 16
Skim milk, for animal feed.....	597	1,001	-	-	4,012	4,967	-	-	19,987	19,000	- 5
Buttermilk.....	1/	1/	-	-	8,271	9,578	-	-	10/57,424	56,548	- 2
Whey.....	1/	1/	-	-	75,930	65,828	1/	1/	174,558	175,337	0
Casein.....	-	-	-	-	1/	1/	-	-	5,532	5,175	- 6
Frozen products: 9/											
Ice cream											
Wholesale.....	7,774	7,990	5,008	4,512	17,139	17,785	510	529	10/549,828	542,373	- 1
Retail.....	1,483	1,340	292	292	1,592	1,521	218	174	10/55,225	54,626	- 1
Total.....	9,257	9,320	5,300	4,804	18,731	19,306	728	703	10/605,051	596,999	- 1
Sherbet, milk.....	391	387	386	387	457	560	33	29	10/31,079	34,048	+ 10
Ice milk.....	2,597	2,581	582	521	10/803	1,105	128	135	10/94,710	78,742	+ 22
Other frozen dairy products	118	41	106	232	-	-	-	-	10/9,240	5,790	- 37
Hellorine.....	-	-	-	-	-	-	-	-	10/24,207	31,419	+ 30
Water ices.....	335	236	416	342	774	815	1/	4	10/26,851	26,614	- 1
Ice cream mix.....	4,811	4,855	2,614	2,428	11,598	11,317	281	291	10/523,483	324,126	0
All other mix.....	2,334	2,188	960	894	10/490	966	48	49	10/57,888	65,814	+ 14

1/ Production by States not shown when made by less than 3 plants.
 2/ Includes colby, washed curd, high and low moisture jack, Monterey, and granular.
 3/ Comparable with data published prior to 1944 under the designation of American Cheddar cheese.
 4/ Not less than 33 percent butterfat.
 5/ Butterfat content ranging from 20 to 32 percent, inclusive.
 6/ Excluding full-skin American and cottage cheese.
 7/ Sum of individual varieties does not equal total cheese since the production of some varieties is not shown separately when made by less than 3 plants.
 8/ Cottage cheese curd includes cottage, pot, and bakers' cheese with a butterfat content of less than 4 percent made by reporting plants. Creamed cottage cheese includes cheese with a butterfat content of 4 to 19 percent. Cottage cheese curd and creamed cottage cheese should not be added together to get a total cottage cheese figure, for while some of the cottage

cheese curd is sold direct for consumption without further processing a considerable part is creamed within the plant or shipped to another plant for creaming prior to sale.
 9/ The production for frozen products includes that made by all types of plants for both wholesale and retail.
 10/ Revised.
 11/ Includes substandard frozen dessert in Iowa.
 12/ "Ice milk" total for Kansas refers to the product elsewhere usually known by that name and does not conform to the Kansas Dairy Law which, for taxation purposes, states that all frozen products containing less than 10 percent butterfat are "ice milk".
 13/ Includes low-fat ice cream in Montana.
 14/ Includes imitation ice cream in North Dakota.
 15/ Includes substandard ice cream in Oregon.
 16/ U. S. totals for some products include production for some States not shown separately in this table.

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Table 10 - Butter, creamery: Production, by States, by months, 1954

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	2/	5	2	8	17	25	47	37	29	24	15	7	4	220
Vermont.....	11	252	163	392	461	713	555	68	53	95	67	35	54	2,688
Massachusetts.....	5	25	24	30	24	28	34	32	26	32	24	26	26	351
New England 1/.....	23	282	189	450	522	767	616	137	108	151	106	69	64	3,441
New York.....	75	3,851	3,939	6,042	5,104	4,298	3,685	2,191	845	1,132	1,557	1,286	1,630	35,518
New Jersey.....	5	5	3	4	15	7	6	3	2	1	1	1	1	49
Pennsylvania.....	64	749	702	1,111	1,124	1,935	1,940	1,455	917	895	882	684	792	15,172
Middle Atlantic.....	142	4,585	4,644	7,157	6,243	6,238	5,609	3,627	1,764	2,028	2,440	1,981	2,425	46,759
Ohio.....	73	5,442	4,992	5,920	5,799	7,687	6,776	5,408	5,015	5,181	4,550	3,924	3,622	64,314
Indiana.....	48	3,344	3,515	5,941	3,721	5,041	5,855	3,116	3,167	2,566	2,515	2,583	2,242	39,402
Illinois.....	74	5,073	5,127	5,978	5,888	6,996	5,789	4,568	4,376	3,600	3,431	3,551	3,445	57,602
Michigan.....	104	4,017	4,006	5,212	5,056	5,817	5,980	4,947	3,865	3,507	3,354	2,988	3,138	51,887
Wisconsin.....	235	18,815	18,124	22,042	22,057	24,852	23,972	20,053	15,784	12,856	12,910	12,638	15,825	219,306
East North Central.....	554	36,691	35,762	43,093	42,521	50,595	46,372	38,092	32,205	27,690	26,758	25,264	28,270	433,111
Minnesota.....	599	24,091	23,834	28,801	27,877	30,025	30,841	23,430	17,444	14,597	14,079	16,109	21,165	272,095
Iowa.....	546	14,399	14,444	17,098	17,138	19,920	20,656	17,578	15,683	13,542	12,291	12,391	15,220	188,070
Missouri.....	50	4,897	4,489	5,198	5,744	7,794	7,363	5,289	4,456	3,782	4,178	4,078	5,650	60,878
North Dakota.....	96	3,075	3,730	4,397	4,685	5,297	6,348	5,861	4,736	5,858	5,068	2,637	3,132	50,602
South Dakota.....	73	2,268	2,448	2,863	2,978	3,470	3,954	3,585	2,956	2,295	1,963	1,804	2,108	32,470
Nebraska.....	66	6,040	5,900	6,969	7,249	8,616	8,727	7,588	6,708	5,705	4,837	4,627	5,432	78,198
Kansas.....	44	4,245	4,248	4,733	4,444	5,329	4,766	3,190	3,052	2,702	2,685	3,299	5,532	46,205
West North Central.....	1,274	59,011	59,075	70,059	70,115	80,451	82,655	65,921	55,015	46,059	42,991	44,945	52,219	728,514
Maryland.....	5	245	485	505	232	442	342	310	319	314	255	202	168	5,802
Virginia.....	3/	464	401	476	542	827	765	753	773	722	556	377	327	6,981
West Virginia.....	7	75	89	104	127	121	24	29	27	25	17	14	8	660
North Carolina.....	11	322	249	227	264	330	196	122	249	105	85	205	232	2,582
South Carolina.....	5	10	10	11	16	15	14	13	12	13	12	11	8	145
Georgia.....	2/	60	58	42	56	24	27	40	26	15	13	30	28	399
South Atlantic 1/.....	63	1,184	1,260	1,367	1,243	1,762	1,367	1,268	1,408	1,193	937	840	771	14,600
Kentucky.....	20	1,056	1,101	1,098	1,255	2,106	1,742	1,579	1,880	1,530	1,464	1,377	1,009	17,197
Tennessee.....	19	905	814	922	821	1,583	1,205	822	984	673	960	1,137	858	11,692
Mississippi.....	7	518	490	478	612	968	582	334	288	124	232	489	505	5,570
Arkansas.....	6	344	284	247	502	507	381	269	250	194	216	305	324	3,623
Louisiana.....	5	31	31	28	39	30	17	11	19	16	30	42	29	323
Oklahoma.....	35	2,370	2,501	2,984	3,149	3,969	3,541	2,450	2,109	1,588	1,739	1,888	1,860	30,148
Texas.....	39	623	500	726	816	876	589	406	338	276	237	473	554	6,784
South Central 1/.....	134	5,850	6,024	6,496	6,997	10,043	8,010	5,875	5,881	4,405	4,941	5,714	5,140	75,376
Montana.....	38	449	416	489	524	672	851	712	577	513	466	374	377	6,405
Idaho.....	53	2,268	2,295	2,658	2,632	3,168	3,182	2,806	2,859	2,675	2,551	2,437	2,550	32,079
Wyoming.....	17	165	219	247	200	220	255	184	180	149	124	133	171	2,247
Colorado.....	28	1,316	1,304	1,490	1,508	1,730	1,798	1,623	1,482	1,212	1,029	969	1,265	16,526
New Mexico.....	5	85	59	69	69	81	79	71	67	64	54	50	49	777
Utah.....	13	564	532	601	615	661	670	512	402	383	411	372	435	6,088
Nevada.....	2/	48	46	44	45	56	52	44	41	42	42	49	48	557
Mountain 1/.....	160	4,935	4,919	5,675	5,457	6,645	6,845	5,960	5,624	5,048	4,704	4,405	4,926	65,137
Washington.....	66	1,282	1,250	1,504	1,685	2,471	2,552	2,299	2,025	1,974	2,052	1,488	1,416	21,998
Oregon.....	41	1,094	1,006	1,394	1,770	2,112	2,113	1,936	1,817	1,461	1,336	1,073	1,043	17,885
California.....	38	3,331	3,095	4,974	4,381	4,051	5,507	2,992	3,126	2,250	2,593	2,572	3,025	39,887
Pacific.....	145	5,707	5,351	7,872	7,766	8,634	8,172	7,217	6,788	5,685	5,981	5,133	5,484	79,770
UNITED STATES.....	2,475	118,245	117,222	142,147	140,864	164,931	159,646	128,097	108,773	92,259	88,858	88,349	99,297	1,448,688

1/ Regional totals include production for some States not shown separately.
 Production omitted for States in which less than 3 plants reported.
 2/ Either 3 or 4 plants reporting.

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Table 11 - Cheese, Cheddar, made from whole milk: Production, by States, by months, 1954

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Number 1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Vermont.....	5	34	141	375	690	899	827	648	604	465	75	27	1	4,786
New England.....	5	34	141	375	690	899	827	648	604	465	75	27	1	4,786
New York.....	58	801	1,278	5,049	5,525	7,998	7,786	5,043	625	528	674	482	509	32,296
Pennsylvania.....	5	49	65	60	46	155	61	40	44	50	19	17	14	598
Middle Atlantic 1/.....	64	850	1,341	5,109	5,571	8,156	7,853	5,085	667	558	695	499	525	32,905
Ohio.....	11	1,495	1,683	1,618	1,246	2,435	2,019	1,197	1,169	1,014	689	686	422	15,621
Indiana.....	17	1,415	1,615	1,674	1,745	2,587	2,159	1,967	2,128	1,475	995	1,155	850	19,741
Illinois.....	75	3,909	3,603	4,505	4,456	6,047	5,618	4,727	4,453	3,834	3,081	2,768	2,610	49,591
Michigan.....	27	1,055	1,111	1,997	1,890	2,175	2,959	2,609	2,147	1,859	1,559	1,005	1,185	21,507
Wisconsin.....	841	35,730	35,358	43,788	45,659	52,376	55,542	46,787	39,193	31,118	28,019	26,537	50,070	470,157
East North Central.....	971	43,578	43,350	53,582	54,936	65,620	68,297	57,287	49,070	39,300	34,143	32,099	35,085	576,417
Minnesota.....	40	6,603	6,370	7,407	7,055	7,535	7,085	4,958	5,277	2,506	2,808	5,329	4,413	65,324
Iowa.....	36	1,550	1,521	1,809	1,891	2,855	2,256	2,028	1,752	1,534	1,501	1,862	1,575	20,954
Missouri.....	43	5,817	5,851	7,240	8,900	11,866	10,209	8,125	7,005	5,978	5,524	5,545	5,227	87,085
South Dakota.....	5	214	220	275	276	315	327	244	197	135	135	159	228	2,723
Nebraska.....	2/	41	35	34	34	35	27	35	25	20	20	19	20	556
Kansas.....	17	1,122	1,188	1,308	1,299	1,657	1,334	980	894	755	770	861	1,064	13,212
West North Central.....	144	15,347	15,163	18,073	19,455	23,781	21,238	16,330	13,158	10,911	10,558	11,115	12,527	187,654
Georgia.....	2/	37	41	56	95	127	100	68	78	46	40	25	37	748
South Atlantic 1/.....	9	163	141	269	517	559	477	378	421	358	305	191	178	3,937
Kentucky.....	17	1,568	1,857	2,031	2,153	3,623	5,185	2,986	3,349	2,629	2,619	1,899	1,366	29,061
Tennessee.....	24	1,998	2,364	2,467	3,416	4,823	4,569	4,122	4,208	2,817	2,724	2,278	1,842	37,728
Alabama.....	2/	163	177	272	418	422	351	284	244	144	133	108	98	2,814
Mississippi.....	12	1,026	1,063	1,077	1,486	2,013	1,576	1,275	1,098	534	495	458	542	12,641
Arkansas.....	3	911	995	1,354	1,494	1,950	1,627	1,244	953	695	649	572	506	12,928
Louisiana.....	2/	18	51	44	58	64	37	37	6	-	-	10	45	566
Oklahoma.....	6	539	644	645	754	1,047	785	456	390	256	324	454	441	6,713
Texas.....	7	360	546	812	935	773	464	510	228	183	176	153	239	5,179
South Central.....	62	6,399	7,697	8,700	10,712	14,695	12,572	10,712	10,476	7,356	7,120	5,932	5,079	107,450
Montana.....	6	279	247	311	366	532	589	533	427	392	519	251	246	4,472
Idaho.....	20	861	869	1,196	1,284	1,872	1,864	1,480	1,232	847	843	888	894	14,130
Colorado.....	5	291	271	262	285	358	298	119	106	68	48	157	185	2,428
Utah.....	19	596	595	660	589	617	632	612	565	508	508	470	478	6,810
Mountain 1/.....	51	2,070	2,024	2,478	2,580	3,423	3,463	2,803	2,377	1,850	1,747	1,774	1,837	28,406
Washington.....	5	230	221	198	212	331	375	370	345	264	265	247	224	3,280
Oregon.....	24	866	944	1,607	2,366	3,256	3,272	3,148	2,624	2,088	1,742	1,151	847	25,851
California.....	7	50	52	130	227	295	276	245	128	107	104	65	83	1,760
Pacific.....	36	1,086	1,217	1,935	2,805	3,682	3,921	3,763	3,095	2,459	2,111	1,463	1,154	28,891
UNITED STATES.....	1,562	69,527	71,074	88,521	97,306	120,995	118,648	95,004	79,868	63,257	56,752	53,098	56,394	970,444

1/ Regional totals include production for some States not shown separately.
 Production omitted for States in which less than 3 plants reported.
 2/ Either 3 or 4 plants reporting.

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Table 12 - Cheese, total American, made from whole milk: Production, by States, by months, 1954 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Vermont.....	6	45	152	389	706	918	848	666	620	520	88	38	13	5,003
New England.....	6	45	152	389	706	918	848	666	620	520	88	38	13	5,003
New York.....	67	959	1,461	5,217	5,798	8,846	8,749	3,490	963	825	949	621	734	56,612
Pennsylvania.....	6	60	74	76	66	189	95	66	67	42	33	27	24	825
Middle Atlantic 2/....	74	1,019	1,535	3,293	5,864	9,038	8,850	3,556	1,030	873	982	648	758	37,446
Ohio.....	13	2,035	2,364	2,334	2,134	3,782	3,145	2,288	2,189	1,997	1,668	1,530	1,354	26,820
Indiana.....	19	1,892	2,208	2,283	2,285	3,355	3,033	2,786	2,875	2,261	1,689	1,698	1,397	27,760
Illinois.....	76	4,013	3,708	4,645	4,825	6,414	5,849	4,943	4,650	4,018	3,237	2,942	3,057	52,279
Michigan.....	36	1,743	1,723	2,439	2,788	3,445	4,214	3,476	3,120	2,687	2,085	1,683	1,784	31,187
Wisconsin.....	849	36,618	36,052	44,449	46,623	53,655	56,937	47,667	39,885	31,871	23,941	27,451	30,834	480,979
East North Central....	993	46,296	46,055	56,148	58,855	70,651	73,178	61,160	52,698	42,854	37,620	35,304	38,426	619,025
Minnesota.....	40	6,603	6,370	7,407	7,055	7,533	7,085	4,938	3,277	2,506	2,808	3,329	4,413	63,324
Iowa.....	37	1,638	1,598	1,902	1,982	2,468	2,368	2,102	1,848	1,610	1,398	1,478	1,709	22,099
Missouri.....	43	5,895	5,848	7,240	6,925	11,986	10,242	8,176	7,032	6,045	5,598	5,431	5,311	87,729
South Dakota.....	5	214	220	275	276	315	327	244	197	133	135	159	228	2,723
Nebraska.....	3/	43	35	43	45	49	48	38	38	31	27	24	28	449
Kansas.....	17	1,122	1,188	1,308	1,299	1,657	1,334	960	894	735	770	681	1,064	13,212
West North Central....	145	15,515	15,259	18,175	19,582	24,006	21,404	16,452	13,286	11,060	10,736	11,302	12,753	189,536
Georgia.....	3/	37	41	56	95	127	100	68	78	46	40	23	37	748
South Atlantic 2/....	9	163	141	269	517	539	477	378	421	358	305	191	178	3,937
Kentucky.....	17	1,617	1,978	2,031	2,631	4,470	3,952	3,690	3,978	2,992	2,621	1,899	1,566	33,225
Tennessee.....	24	2,006	2,364	2,477	3,554	5,033	4,717	4,134	4,208	2,979	2,724	2,278	1,842	38,316
Alabama.....	3/	163	177	272	420	483	392	345	325	208	181	138	142	3,246
Mississippi.....	12	1,026	1,237	1,225	1,835	2,412	1,901	1,549	1,349	850	779	691	879	15,733
Arkansas.....	9	911	995	1,354	1,511	1,932	1,641	1,260	975	711	663	603	512	13,068
Louisiana.....	3/	16	51	44	56	64	37	37	6	-	-	10	45	366
Oklahoma.....	6	539	644	643	754	1,047	765	456	390	255	324	454	441	6,713
Texas.....	7	370	561	812	955	775	464	310	228	183	176	155	239	5,204
South Central.....	82	6,648	8,007	8,858	11,696	16,214	13,869	11,781	11,459	8,179	7,468	6,226	5,466	115,871
Montana.....	6	279	247	311	366	532	589	533	427	392	319	231	246	4,472
Idaho.....	20	1,427	1,600	1,966	2,204	2,554	2,430	2,321	1,881	1,685	1,518	1,405	1,464	22,455
Colorado.....	5	291	271	262	287	343	298	121	107	69	51	159	189	2,448
Utah.....	20	676	640	730	648	708	729	676	649	583	582	519	522	7,662
Mountain 2/.....	52	2,716	2,800	3,518	3,561	4,201	4,126	3,710	3,111	2,764	2,699	2,342	2,455	37,603
Washington.....	5	248	244	215	237	358	384	390	357	264	278	260	241	3,496
Oregon.....	24	806	944	1,621	2,469	3,360	3,390	3,256	2,719	2,217	1,656	1,260	947	24,845
California.....	16	259	286	464	656	719	648	633	482	406	364	330	329	5,585
Pacific.....	45	1,313	1,474	2,300	3,362	4,437	4,422	4,279	3,565	2,907	2,498	1,850	1,571	33,924
UNITED STATES.....	1,406	73,715	75,423	92,750	103,945	130,004	127,174	101,988	86,190	69,495	62,196	57,901	61,566	1,042,345

1/ Includes cheddar, colby, washed or stirred curd, high and low moisture jack, Monterey, and granular.
 2/ Regional totals include production for some States not shown separately.
 Production omitted for States in which less than 3 plants reporting.
 3/ Either 3 or 4 plants reporting.

Table 13 - Cheese, total, excluding full-skim American and cottage: Production, by States, by months, 1954

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	<u>Number</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>
Vermont.....	10	277	393	764	1,173	1,310	1,132	925	914	778	351	328	355	8,700
Massachusetts.....	8	221	226	266	303	255	203	172	183	204	204	260	320	2,817
New England 1/.....	22	574	622	1,136	1,596	1,669	1,490	1,184	1,167	1,065	623	633	722	12,571
New York.....	122	6,079	6,352	8,952	11,536	13,968	13,678	7,955	5,410	5,940	6,088	5,864	6,801	98,623
New Jersey.....	9	248	286	342	401	298	245	255	284	291	284	308	314	3,536
Pennsylvania.....	21	737	782	911	879	908	760	674	690	631	710	714	602	9,258
Middle Atlantic.....	152	7,064	7,420	10,205	12,616	15,174	14,683	8,884	6,364	6,922	7,082	6,886	7,917	111,417
Ohio.....	40	3,680	3,603	4,073	3,841	5,451	4,821	3,835	3,731	3,528	3,151	2,977	2,967	45,658
Indiana.....	21	2,788	3,051	3,105	3,395	4,822	4,206	3,768	4,018	3,151	2,630	2,519	2,560	39,782
Illinois.....	105	6,696	6,615	7,897	8,271	10,632	9,779	8,699	8,338	7,310	6,525	5,895	6,455	95,110
Michigan.....	41	1,928	1,895	2,656	3,008	3,756	3,853	4,563	5,337	2,873	2,293	1,915	2,033	34,086
Wisconsin.....	1,078	46,716	45,135	54,776	58,474	66,859	69,823	58,355	49,379	41,138	38,652	37,278	41,371	607,936
East North Central...	1,285	61,808	60,299	72,507	76,977	91,500	93,192	78,550	68,803	57,980	53,251	50,579	55,186	820,692
Minnesota.....	45	8,350	7,955	9,153	8,713	9,263	8,707	6,564	4,899	3,818	3,951	4,879	6,064	82,296
Iowa.....	40	1,734	1,689	2,007	2,074	2,572	2,468	2,181	1,923	1,660	1,443	1,526	1,758	23,035
Missouri.....	45	5,901	5,854	7,247	8,931	11,992	10,246	8,180	7,038	6,054	5,608	5,442	5,322	87,615
South Dakota.....	5	214	220	275	276	315	327	244	197	133	135	159	228	2,723
Nebraska.....	2/	43	35	43	45	49	48	38	38	61	27	26	35	458
Kansas.....	17	1,122	1,198	1,308	1,229	1,657	1,334	960	894	755	770	891	1,064	13,212
West North Central...	156	17,364	16,941	20,033	21,338	25,848	23,130	18,187	14,989	12,431	11,914	12,913	14,471	209,539
Georgia.....	2/	37	41	56	95	127	100	68	78	46	40	23	37	748
South Atlantic 1/.....	10	164	141	269	517	540	478	381	422	359	305	192	179	3,947
Kentucky.....	19	1,622	1,981	2,037	2,636	4,477	3,958	3,700	4,005	3,046	2,681	1,958	1,411	33,512
Tennessee.....	24	2,557	2,846	3,029	4,177	5,718	5,309	4,816	4,812	3,654	3,336	2,817	2,412	45,483
Alabama.....	2/	163	177	272	420	483	392	345	325	208	181	138	142	3,246
Mississippi.....	12	1,026	1,237	1,225	1,835	2,412	1,901	1,549	1,349	850	779	691	879	15,733
Arkansas.....	9	1,151	1,119	1,354	1,801	2,270	1,978	1,581	1,374	1,099	1,045	969	891	16,612
Louisiana.....	2/	16	51	44	56	64	37	37	6	-	-	10	45	366
Oklahoma.....	6	806	892	869	1,071	1,340	1,071	721	629	445	506	805	798	9,933
Texas.....	7	370	561	812	935	773	464	310	228	183	176	153	239	5,204
South Central.....	84	7,691	8,864	9,642	12,931	17,537	15,110	13,059	12,728	9,485	8,704	7,541	6,817	130,109
Montana.....	6	279	247	311	366	532	589	533	427	392	319	251	246	4,472
Idaho.....	23	1,911	1,921	2,214	2,436	3,012	2,997	2,712	2,459	2,171	2,017	1,885	1,989	27,722
Colorado.....	5	298	273	268	295	346	301	127	112	72	55	163	208	2,518
Utah.....	20	1,085	1,070	1,065	1,005	1,160	1,167	1,079	1,014	893	882	839	909	12,168
Mountain 1/.....	57	3,759	3,587	3,921	4,284	5,302	5,392	4,704	4,267	3,741	3,463	3,285	3,523	49,208
Washington.....	8	368	409	367	297	480	494	504	467	379	393	361	368	4,887
Oregon.....	25	812	945	1,648	2,517	3,433	3,456	3,317	2,772	2,243	1,859	1,265	964	25,232
California.....	30	1,059	1,029	1,323	1,475	1,505	1,440	1,353	1,324	1,172	1,220	1,354	1,328	15,552
Pacific.....	63	2,239	2,383	3,338	4,289	5,418	5,390	5,174	4,563	3,794	3,472	2,661	2,660	45,661
UNITED STATES.....	1,829	100,663	100,307	121,051	134,748	163,008	158,865	150,103	113,303	95,777	88,814	84,990	91,475	1,383,104

1/ Regional totals include production for some States not shown separately.
 Production omitted for States in which less than 5 plants reported.
 2/ Either 3 or 4 plants reporting.

Table 14 - Cheese, cottage, curd: Production, by States, by months, 1954 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	9	376	403	488	470	518	506	464	502	425	459	586	589	5,546
New Hampshire.....	5	12	12	16	16	17	16	17	16	15	15	14	12	178
Vermont.....	11	1,116	1,080	1,445	1,559	1,659	1,654	1,281	1,155	1,154	1,292	1,159	1,181	15,455
Massachusetts.....	11	65	67	101	85	96	108	70	80	72	70	62	66	958
Connecticut.....	17	546	403	569	486	588	592	209	207	199	269	245	266	4,121
New England.....	55	1,915	1,965	2,619	2,404	2,658	2,656	2,041	1,960	1,845	2,085	1,846	1,894	26,088
New York.....	148	4,067	4,518	5,740	5,556	6,140	5,954	5,252	4,821	4,185	4,456	4,102	4,228	59,757
New Jersey.....	28	223	285	298	282	260	260	245	211	170	175	181	222	2,606
Pennsylvania.....	123	1,585	1,687	2,227	1,902	1,946	1,916	1,752	1,722	1,647	1,779	1,664	1,564	21,371
Middle Atlantic.....	299	5,895	6,268	8,265	7,720	8,546	8,110	7,227	6,754	6,000	6,588	5,947	6,014	82,954
Ohio.....	250	2,792	2,869	3,955	3,509	3,425	3,422	3,517	2,964	2,851	2,914	2,855	2,722	37,575
Indiana.....	62	804	835	1,031	1,028	957	951	1,014	914	916	925	879	870	11,154
Illinois.....	117	1,611	1,862	2,326	2,224	2,216	2,262	2,245	2,035	2,018	2,150	2,082	2,024	25,253
Michigan.....	129	2,199	2,188	2,845	2,597	2,577	2,652	2,661	2,458	2,281	2,411	2,352	2,351	29,552
Wisconsin.....	119	2,165	2,192	2,740	2,462	2,457	2,558	2,458	2,418	2,242	2,441	2,172	2,077	28,121
East North Central...	677	9,769	9,944	12,877	11,620	11,632	11,675	11,655	10,769	10,508	10,624	10,356	10,024	151,615
Minnesota.....	35	697	740	952	899	866	887	862	774	687	789	699	656	9,616
Iowa.....	45	555	616	795	824	714	791	821	525	550	540	568	528	7,725
Missouri.....	52	1,093	1,204	1,603	1,455	1,371	1,371	1,506	1,426	1,393	1,554	1,240	1,206	16,202
North Dakota.....	2/	19	21	30	31	54	53	50	24	17	18	15	19	289
South Dakota.....	8	85	91	112	111	128	113	128	113	107	97	91	92	1,251
Nebraska.....	20	298	330	393	372	365	359	368	314	334	315	325	309	4,102
Kansas.....	61	593	640	815	776	757	752	778	654	659	625	622	621	8,290
West North Central...	225	3,440	3,642	4,700	4,468	4,196	4,288	4,311	3,840	3,675	3,716	3,560	3,429	47,485
District of Columbia...	2/	158	149	199	245	171	194	202	154	164	171	158	145	2,088
Delaware.....	6	7	6	10	10	8	8	5	5	4	4	4	4	76
Maryland.....	16	405	448	635	559	551	553	545	467	457	469	432	389	5,928
Virginia.....	22	178	197	256	244	225	232	217	211	204	215	186	171	2,534
West Virginia.....	56	183	186	231	230	230	237	236	198	195	205	188	186	2,503
North Carolina.....	29	172	172	259	247	224	235	241	226	221	198	182	165	2,540
South Carolina.....	2/	13	11	25	14	15	26	23	18	15	11	11	9	189
Georgia.....	9	56	62	81	77	75	80	81	77	74	72	62	55	848
Florida.....	12	165	204	240	209	191	201	121	127	110	132	134	162	1,984
South Atlantic.....	137	1,315	1,435	1,934	1,835	1,688	1,766	1,671	1,501	1,442	1,476	1,357	1,272	16,690
Kentucky.....	50	441	465	679	595	579	621	581	512	508	516	482	455	6,448
Tennessee.....	27	346	419	492	478	477	471	477	456	407	419	348	351	5,075
Alabama.....	7	45	50	75	62	55	64	56	52	41	42	34	30	606
Mississippi.....	9	28	33	44	43	36	37	49	38	36	34	28	25	444
Arkansas.....	6	53	58	62	62	67	65	78	63	70	59	49	51	727
Louisiana.....	9	97	101	150	134	124	126	127	124	122	107	86	82	1,360
Oklahoma.....	32	376	411	522	555	512	558	569	537	512	463	454	421	5,868
Texas.....	25	554	596	783	751	692	693	703	642	642	583	497	446	7,559
South Central.....	165	1,940	2,151	2,787	2,678	2,505	2,613	2,660	2,396	2,340	2,220	1,958	1,859	26,087
Montana.....	17	71	78	95	101	94	94	102	88	85	76	79	78	1,041
Idaho.....	13	83	88	119	121	112	134	133	122	107	96	89	85	1,289
Wyoming.....	12	32	35	35	38	34	42	44	37	35	35	33	34	432
Colorado.....	39	384	375	476	446	459	455	399	366	302	337	366	369	4,714
New Mexico.....	7	85	76	115	123	120	118	105	106	99	99	92	85	1,221
Arizona.....	5	122	126	148	151	134	150	136	140	137	127	114	110	1,575
Utah.....	11	233	256	330	309	288	276	339	326	299	315	290	264	3,505
Nevada.....	2/	3	5	4	4	6	6	7	6	5	4	4	4	57
Mountain.....	107	1,015	1,015	1,322	1,293	1,227	1,255	1,265	1,191	1,071	1,088	1,067	1,027	13,854
Washington.....	56	1,032	1,022	1,508	1,254	1,275	1,184	1,192	1,166	1,078	1,083	1,049	1,017	15,651
Oregon.....	17	391	405	542	518	498	498	493	479	450	458	450	415	5,614
California.....	62	5,083	4,934	6,041	5,682	5,802	5,881	5,373	5,210	5,280	5,562	5,215	4,846	65,303
Pacific.....	115	6,506	6,361	7,891	7,465	7,602	7,365	7,358	7,555	6,866	7,103	6,712	6,276	85,162
UNITED STATES.....	1,776	31,795	32,781	42,395	39,681	40,060	39,928	38,466	35,766	33,749	34,700	32,785	31,775	433,879

1/ Cottage cheese curd includes cottage, pot, and bakers' cheese with a butterfat content of less than 4 percent made by reporting plants. Creamed cottage cheese includes cheese with a butterfat content of 4 to 19 percent. Cottage cheese curd and creamed cottage cheese should not be added together to get a total cottage cheese figure, for while some of the cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant for creaming prior to sale.

2/ Either 3 or 4 plants reporting.

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Table 15 - Cheese, cottage, creamed: Production, by States, by months, 1954

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	<u>Number</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>
Maine.....	7	76	79	95	92	95	92	102	102	78	96	92	88	1,097
New Hampshire.....	6	15	15	16	16	17	16	17	16	16	25	14	11	182
Vermont.....	9	785	819	1,058	959	1,015	1,009	964	864	780	821	766	747	10,545
Massachusetts.....	15	425	442	540	475	425	450	474	485	581	599	592	575	5,259
Connecticut.....	18	155	185	274	222	212	211	212	181	175	174	161	148	2,504
New England.....	53	1,452	1,556	1,961	1,744	1,760	1,778	1,769	1,648	1,428	1,505	1,425	1,568	19,575
New York.....	65	4,085	4,451	5,858	5,571	5,501	5,521	5,408	5,054	4,510	4,609	4,297	4,255	58,456
New Jersey.....	32	295	510	522	425	569	419	555	509	528	512	284	255	4,179
Pennsylvania.....	111	1,719	1,811	2,390	2,054	2,092	2,085	2,017	1,879	1,728	1,886	1,845	1,769	23,265
Middle Atlantic.....	• 206	6,095	6,552	8,740	7,850	7,762	8,025	7,780	7,222	6,564	6,807	6,428	6,257	85,880
Ohio.....	265	5,584	5,443	4,750	4,355	4,068	4,176	4,058	5,597	5,496	5,592	5,554	5,595	45,646
Indiana.....	74	1,166	1,190	1,462	1,514	1,459	1,481	1,512	1,551	1,588	1,550	1,285	1,292	16,410
Illinois.....	118	2,092	2,155	2,729	2,607	2,557	2,588	2,557	2,539	2,502	2,415	2,522	2,258	26,897
Michigan.....	159	5,228	5,156	4,085	5,789	5,750	5,682	5,857	5,488	5,279	5,518	5,402	5,570	42,742
Wisconsin.....	108	2,896	2,852	3,897	3,252	3,202	3,501	3,139	2,965	2,911	2,912	2,811	2,661	38,578
East North Central.....	702	12,586	12,778	16,725	15,478	14,996	15,626	15,105	13,758	15,556	15,785	15,554	12,974	170,575
Minnesota.....	30	895	949	1,205	1,148	1,155	1,115	1,097	932	962	826	826	780	11,845
Iowa.....	48	554	576	729	720	719	718	737	629	661	642	657	619	7,961
Missouri.....	54	1,567	1,438	1,895	1,756	1,597	1,682	1,747	1,541	1,507	1,479	1,409	1,452	18,858
North Dakota.....	6	35	37	54	56	60	57	54	42	51	50	28	34	518
South Dakota.....	7	112	120	151	150	145	155	169	151	145	156	136	155	1,701
Nebraska.....	22	420	416	556	555	511	520	557	451	464	441	448	429	5,728
Kansas.....	62	772	805	1,028	978	955	976	991	855	850	825	825	816	10,680
West North Central.....	229	4,155	4,541	5,614	5,339	5,090	5,225	5,532	4,599	4,605	4,404	4,523	4,245	57,270
District of Columbia.....	1/	209	214	281	281	256	281	219	250	254	255	227	218	2,905
Delaware.....	1/	5	5	5	4	4	4	4	5	5	2	4	5	42
Maryland.....	15	495	552	798	702	684	687	679	626	579	588	545	497	7,412
Virginia.....	18	102	129	170	158	144	162	148	156	137	145	125	109	1,665
West Virginia.....	56	240	255	285	288	260	276	251	226	235	249	225	225	3,045
North Carolina.....	29	182	190	284	282	223	264	267	259	252	225	205	190	2,781
South Carolina.....	1/	12	9	22	15	23	21	15	15	10	10	10	8	188
Georgia.....	10	70	97	89	84	94	95	90	89	89	87	72	59	995
Florida.....	14	207	225	286	270	255	255	187	188	172	187	188	200	2,554
South Atlantic.....	150	1,520	1,825	2,226	2,066	1,901	2,024	1,881	1,751	1,714	1,745	1,605	1,509	21,565
Kentucky.....	55	651	705	990	885	791	914	875	745	754	751	711	658	9,409
Tennessee.....	30	498	600	714	694	655	689	696	639	591	606	505	475	7,580
Alabama.....	8	35	38	58	50	45	50	42	39	55	41	52	29	494
Mississippi.....	10	24	26	39	37	36	35	44	42	55	38	26	20	400
Arkansas.....	7	58	61	62	65	64	62	64	59	57	57	56	48	755
Louisiana.....	12	184	185	261	255	228	251	254	232	222	209	174	158	2,575
Oklahoma.....	33	524	572	741	770	698	751	651	715	688	622	598	587	8,077
Texas.....	39	991	1,068	1,445	1,378	1,279	1,286	1,540	1,271	1,225	1,144	1,007	928	14,558
South Central.....	194	2,945	3,255	4,508	4,150	3,796	4,018	4,124	3,742	3,610	3,466	3,109	2,881	45,404
Montana.....	17	96	101	111	155	121	115	112	99	94	87	99	97	1,285
Idaho.....	15	125	151	174	178	180	187	175	172	150	140	118	129	1,857
Wyoming.....	15	37	39	44	48	44	65	57	48	46	42	44	37	549
Colorado.....	44	467	477	602	544	516	545	471	465	415	412	410	421	5,741
New Mexico.....	8	122	112	200	175	169	167	159	155	145	145	155	125	1,801
Arizona.....	5	181	187	217	225	197	196	197	205	201	186	172	163	2,325
Utah.....	11	374	371	506	510	471	457	512	491	480	482	448	458	5,520
Nevada.....	1/	4	4	6	7	9	9	11	9	8	7	6	6	86
Mountain.....	116	1,404	1,422	1,860	1,820	1,707	1,755	1,694	1,642	1,515	1,499	1,450	1,414	19,142
Washington.....	39	1,586	1,581	1,949	1,899	2,007	1,918	1,874	1,818	1,700	1,704	1,649	1,571	21,258
Oregon.....	18	611	647	818	808	777	727	748	727	689	708	750	709	8,899
California.....	60	6,868	6,722	8,099	8,009	7,639	7,465	7,391	7,514	7,258	7,178	6,833	6,618	87,927
Pacific.....	117	9,065	8,950	10,866	10,716	10,425	10,110	10,613	9,859	9,627	9,588	9,212	8,898	117,927
UNITED STATES.....	1,747	39,200	40,457	52,298	49,165	47,435	48,559	48,296	44,199	42,219	42,797	40,888	39,545	555,056

1/ Either 3 or 4 plants reporting.

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Table 16- Condensed milk, whole, unsweetened, bulk goods: Production, by States, by months, 1954

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Connecticut.....	1/	314	175	215	273	765	465	-	-	4	11	4	3	2,223
New York.....	25	4,712	4,218	6,222	4,795	4,539	5,452	8,679	8,499	6,399	6,415	5,257	5,503	69,898
Pennsylvania.....	15	1,506	1,905	2,320	2,875	3,457	3,565	5,097	2,412	2,040	1,790	1,378	1,673	27,814
Ohio.....	8	158	151	298	713	514	246	141	128	485	1,521	1,589	1,158	6,682
Indiana.....	5	1,196	1,050	1,165	1,222	1,519	1,274	1,315	1,288	1,214	1,255	1,589	1,256	14,896
Illinois.....	1/	122	190	215	276	212	321	124	107	98	40	55	10	1,754
Michigan.....	5	561	621	719	885	860	1,097	985	823	696	652	657	530	9,006
Wisconsin.....	10	1,284	1,578	1,647	1,725	1,891	1,886	2,180	2,011	1,767	2,188	2,045	2,167	22,519
Missouri.....	1/	161	226	229	290	309	327	397	359	344	215	111	104	3,062
Maryland.....	5	1,329	1,314	1,600	1,849	2,041	1,975	1,521	1,397	1,262	797	701	728	16,514
North Carolina.....	6	571	401	559	686	750	801	415	259	223	198	180	195	4,998
Tennessee.....	1/	164	209	299	384	418	496	462	444	587	328	267	209	4,069
Mississippi.....	1/	115	204	282	565	350	395	254	288	85	80	49	100	2,527
Oklahoma.....	5	64	71	88	99	84	99	121	109	82	65	47	58	965
Washington.....	1/	176	150	184	217	586	575	489	452	259	249	198	165	5,280
California.....	7	1,461	1,369	1,414	1,466	1,574	1,715	2,418	2,375	1,989	1,626	1,296	1,167	19,842
All other States.....	19	1,549	1,559	2,007	2,087	2,659	2,915	2,958	2,865	2,066	1,936	1,729	1,677	25,785
UNITED STATES.....	129	15,085	15,327	19,419	19,529	21,908	23,204	25,502	25,790	19,540	19,562	16,369	16,701	235,554

1/ Either 3 or 4 plants reporting.

Table 17- Condensed milk, skim, unsweetened, bulk goods: Production, by States, by months, 1954

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	1/	59	426	481	529	820	744	674	659	599	524	156	292	5,595
Vermont.....	5	151	156	217	193	251	324	971	412	537	537	515	351	4,947
Connecticut.....	1/	16	22	60	28	112	41	17	21	15	17	12	11	572
New York.....	35	2,527	2,835	4,169	5,971	6,887	7,957	6,314	6,757	5,102	4,584	5,570	3,755	60,426
New Jersey.....	1/	-	-	7	-	28	15	-	6	5	2	2	-	57
Pennsylvania.....	51	1,771	2,604	3,689	4,751	6,171	5,300	4,806	4,425	3,495	3,220	2,720	2,756	45,688
Ohio.....	35	2,715	5,155	5,981	5,841	6,155	6,320	5,558	4,387	3,608	3,021	2,552	2,854	47,795
Indiana.....	14	744	711	887	915	1,193	1,684	1,485	1,751	1,552	1,155	903	981	16,687
Illinois.....	18	1,575	1,842	2,344	2,623	2,684	3,237	3,400	3,008	2,594	1,814	1,610	1,600	28,571
Michigan.....	20	1,355	1,551	2,157	2,594	3,009	3,572	3,478	3,343	2,852	2,404	2,115	2,469	30,697
Wisconsin.....	35	7,978	7,411	8,021	6,290	9,325	9,858	7,972	7,276	7,500	7,078	7,655	6,666	94,928
Minnesota.....	9	492	614	701	696	657	999	1,052	969	808	759	811	700	9,216
Iowa.....	11	945	953	1,110	1,137	1,360	1,591	1,467	1,112	791	687	611	620	12,364
Missouri.....	11	1,337	1,927	2,375	2,151	1,328	2,632	3,296	2,808	2,166	1,928	1,399	1,232	25,159
Nebraska.....	1/	2,571	2,497	2,186	2,411	3,256	2,342	672	884	265	173	581	1,059	18,467
Kansas.....	1/	2,009	1,996	2,177	3,051	3,108	3,604	4,040	3,445	3,337	2,890	2,562	2,515	34,712
Maryland.....	6	1,051	1,225	1,150	1,106	1,251	1,044	980	1,284	1,180	1,103	884	972	12,970
Virginia.....	11	1,356	1,520	1,345	1,458	1,449	2,056	2,306	2,976	3,057	2,700	1,909	1,527	24,217
North Carolina.....	5	76	119	225	150	186	284	240	348	238	541	161	561	2,727
Georgia.....	1/	7	21	59	62	58	54	50	49	57	46	41	55	497
Kentucky.....	7	118	170	210	254	500	305	254	221	185	150	106	145	2,896
Tennessee.....	8	1,061	1,025	1,192	1,192	1,215	1,605	1,825	1,678	1,561	977	1,052	821	14,654
Alabama.....	1/	79	190	190	357	280	267	182	155	119	106	77	82	1,963
Mississippi.....	5	511	560	540	621	661	810	1,024	992	594	554	420	395	7,760
Arkansas.....	1/	282	278	342	413	669	556	427	501	335	355	359	269	4,503
Oklahoma.....	8	388	477	565	859	845	848	567	507	450	455	598	389	6,956
Texas.....	12	1,672	2,095	2,346	2,785	3,201	3,174	2,350	1,290	653	931	700	1,206	22,761
Colorado.....	1/	155	155	159	168	171	299	458	450	398	352	208	245	5,132
Utah.....	1/	37	51	41	60	60	91	91	77	69	59	59	51	748
Washington.....	7	158	214	292	436	609	452	441	351	389	508	255	280	4,105
Oregon.....	1/	149	155	217	198	278	207	280	295	224	185	167	145	2,500
California.....	25	5,267	5,333	7,041	8,972	8,146	8,550	10,058	9,724	8,220	7,015	5,845	5,790	85,919
All other States.....	10	341	641	510	966	1,106	584	844	547	369	370	329	349	6,756
UNITED STATES.....	361	59,701	42,570	50,780	59,322	66,826	71,352	87,495	62,635	52,767	46,515	38,502	59,049	657,491

1/ Either 3 or 4 plants reporting.

Table 18 - Evaporated milk, whole, unsweetened, case goods: Production, by States, by months, 1954

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Middle Atlantic.....	5	3,845	3,594	4,007	6,809	12,903	12,195	6,588	3,701	3,371	3,188	2,642	3,375	66,012
Ohio.....	11	11,944	12,562	15,664	19,985	29,116	30,075	27,378	24,969	20,589	14,070	13,067	15,621	232,840
Indiana.....	1/	5,635	5,470	6,798	7,568	11,154	11,788	10,070	8,711	5,752	4,464	4,588	4,481	86,189
Illinois.....	8	11,575	10,206	13,484	13,846	17,718	17,140	11,657	8,332	6,489	5,712	6,276	10,137	134,572
Michigan.....	6	7,959	8,186	9,155	12,511	16,261	16,954	14,954	12,190	8,425	5,336	5,077	5,509	122,517
Wisconsin.....	18	37,564	33,835	38,379	42,745	51,505	56,262	44,452	35,679	28,351	27,335	25,014	26,289	441,968
East North Central.....	47	74,677	70,259	84,080	96,453	125,754	132,169	108,511	89,881	67,366	52,917	55,802	60,017	1,017,886
Missouri.....	1/	4,750	5,948	8,333	14,480	20,298	15,981	11,495	12,492	8,319	7,432	7,532	6,785	123,845
Kansas.....	1/	4,221	3,874	5,028	6,150	7,848	6,305	4,653	4,013	3,805	3,723	4,131	4,572	57,821
West North Central.....	9	15,310	15,650	19,665	26,563	34,359	28,220	20,472	20,957	14,565	14,336	15,360	15,740	241,197
South Atlantic.....	6	9,462	8,744	10,721	14,396	21,875	22,778	22,593	23,171	21,224	16,693	11,951	10,112	193,498
Kentucky.....	1/	7,916	8,395	13,258	18,284	23,851	23,134	22,974	23,527	19,433	16,901	13,097	10,800	201,550
Tennessee.....	1/	6,639	6,753	9,102	15,586	21,028	21,066	21,375	21,523	16,131	13,038	8,857	7,579	162,547
South Central.....	11	21,496	22,681	33,541	49,597	62,869	60,184	58,232	57,007	44,564	37,920	29,056	26,028	503,325
Utah.....	1/	5,300	4,029	5,008	5,278	5,783	5,630	5,115	4,268	3,115	3,116	4,720	5,296	56,658
Mountain.....	6	13,053	11,535	13,764	14,873	16,149	16,184	15,195	13,595	10,908	10,431	11,824	12,608	159,919
Washington.....	1/	5,179	3,758	4,509	6,203	9,328	8,628	7,586	6,501	4,683	4,216	3,460	3,964	67,615
California.....	11	19,905	19,171	24,067	28,902	30,388	27,134	26,487	23,133	16,938	16,538	19,876	20,648	271,307
Pacific.....	15	25,558	23,519	28,698	35,105	40,736	36,288	34,610	30,561	24,398	23,559	24,006	25,340	352,578
All other States.....	2/21	34,812	33,945	41,091	52,460	70,387	67,969	57,807	53,275	45,106	39,133	33,146	33,557	562,688
UNITED STATES.....	97	163,399	158,132	194,476	243,796	314,645	308,014	265,801	238,873	186,396	159,044	150,621	153,218	2,534,215

1/ Either 3 or 4 plants reporting.
2/ Included in regional totals.

Table 19 - Dried milk, whole: Production, by States, by months, 1954

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
New York.....	12	1,595	920	957	3,487	3,383	3,268	1,994	1,121	928	1,457	1,172	1,932	22,212
Ohio.....	1/	1,029	1,076	1,227	1,209	1,635	1,455	1,419	1,425	1,365	1,018	977	1,312	15,148
Illinois.....	1/	613	312	437	629	605	499	565	860	742	732	586	740	7,338
Michigan.....	5	350	66	207	265	597	768	351	565	277	357	608	623	4,800
Wisconsin.....	15	1,733	2,475	3,145	3,989	3,120	3,379	2,381	2,554	1,985	1,825	2,212	1,945	30,693
California.....	1/	434	84	296	595	778	788	956	691	679	309	388	221	6,219
All other States.....	13	309	1,174	516	423	486	690	608	440	750	1,000	663	805	7,464
UNITED STATES.....	55	6,061	6,107	6,585	10,547	10,572	10,848	8,294	7,454	6,726	6,696	6,604	7,378	93,874

1/ Either 3 or 4 plants reporting.

Table 20 - Nonfat dry milk solids, spray process, for human consumption: Production, by States, by month, 1954

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Vermont.....	1/	1,535	1,250	1,777	1,887	2,205	2,269	1,572	762	960	700	265	666	15,448
New York.....	27	8,621	8,585	12,059	11,825	15,947	12,645	9,184	5,397	5,818	6,318	5,064	6,539	105,780
Pennsylvania.....	10	1,051	1,151	1,674	2,017	3,211	2,822	1,441	1,249	1,267	1,219	1,149	1,588	19,819
Ohio.....	18	4,089	4,105	4,946	5,117	7,124	6,308	4,700	3,655	3,538	2,517	2,055	2,656	50,608
Indiana.....	9	1,312	1,861	2,072	2,098	3,141	2,604	2,010	1,720	1,585	1,048	824	865	20,440
Illinois.....	8	979	1,046	1,327	1,542	2,023	1,658	1,206	1,064	775	639	766	874	15,895
Michigan.....	12	3,350	3,120	3,631	3,749	4,579	4,345	3,433	2,968	2,720	2,504	2,219	2,589	38,987
Wisconsin.....	67	34,885	35,088	39,587	38,977	45,453	43,000	35,488	30,063	25,382	25,289	25,650	29,978	404,840
Minnesota.....	44	21,819	21,455	25,082	24,340	26,822	26,060	19,456	15,640	10,391	11,159	14,543	20,488	235,055
Iowa.....	13	1,859	1,795	2,172	2,166	2,578	3,012	2,385	2,040	1,595	1,595	1,723	2,271	25,505
Missouri.....	9	2,795	2,714	3,559	4,384	4,880	4,768	3,378	2,623	1,854	1,866	1,895	2,037	36,753
Nebraska.....	1/	721	728	707	726	792	195	168	59	49	92	92	322	5,417
Kansas.....	7	2,027	1,858	2,106	2,265	3,045	2,060	590	712	417	712	1,248	1,566	18,686
Virginia.....	5	517	401	700	1,080	1,584	1,174	680	613	206	86	65	285	7,391
Oklahoma.....	1/	91	81	84	49	42	67	116	487	339	29	34	44	1,463
Texas.....	1/	95	160	138	164	151	111	14	-	-	-	5	258	1,072
Idaho.....	7	3,477	3,140	4,021	4,741	5,684	5,360	5,339	4,923	4,246	4,112	5,749	3,972	52,764
Utah.....	5	627	619	689	788	951	827	680	516	409	423	375	492	7,374
Washington.....	1/	337	440	616	721	1,411	1,294	1,043	765	725	662	593	326	8,933
Oregon.....	1/	457	509	683	1,012	1,539	1,311	947	645	569	569	274	361	9,625
California.....	17	3,828	3,856	6,512	7,688	8,161	7,544	6,846	6,543	4,198	4,039	5,341	5,683	66,039
All other States.....	13	821	1,041	1,627	1,562	1,990	1,569	1,029	674	478	443	422	781	12,647
UNITED STATES.....	291	94,849	92,581	115,747	118,898	139,855	131,491	101,894	81,727	67,205	66,092	65,949	82,251	1,158,557

1/ Either 3 or 4 plants reporting.

Table 21- Nonfat dry milk solids, roller process, for human consumption: Production, by States, by months, 1954

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Vermont.....	6	701	559	946	1,018	1,488	1,319	443	11	15	104	21	95	6,696
New York.....	39	3,732	3,932	6,121	6,494	10,016	7,975	3,016	741	912	1,143	1,158	1,955	47,193
Pennsylvania.....	14	796	850	1,211	1,266	1,581	1,172	533	337	340	219	224	377	8,906
Ohio.....	10	815	862	1,005	1,383	1,854	1,568	1,257	1,093	985	634	529	608	12,573
Indiana.....	8	1,145	1,356	1,478	1,580	1,962	1,604	1,318	991	764	721	751	751	15,426
Illinois.....	8	404	290	302	414	866	617	255	143	10	34	68	151	3,554
Michigan.....	19	2,393	2,404	2,994	3,654	3,455	3,455	2,455	1,893	1,669	1,588	1,161	1,712	28,544
Wisconsin.....	51	2,322	2,595	3,545	4,357	5,084	5,479	2,990	1,260	1,026	994	1,411	1,859	32,922
Minnesota.....	40	2,999	3,200	4,486	4,060	3,689	4,640	2,350	1,552	1,292	1,431	1,422	1,917	53,218
Iowa.....	12	1,126	1,057	1,205	1,115	1,460	1,352	1,017	803	717	695	757	815	12,119
Missouri.....	6	1,07	90	48	155	490	305	77	58	35	30	45	11	1,449
Maryland.....	5	1,106	1,214	1,259	1,294	1,941	1,117	595	762	653	578	491	895	12,105
Virginia.....	1/	56	128	86	73	318	214	72	17	55	28	33	41	1,121
Mississippi.....	5	278	272	273	329	636	504	387	139	103	129	148	191	3,589
Washington.....	6	267	352	484	639	1,201	1,130	1,024	815	740	724	445	378	8,199
California.....	9	371	356	614	847	1,078	902	635	512	436	404	444	487	7,066
All other States.....	14	723	769	1,110	1,392	1,643	1,323	636	459	508	532	558	504	9,557
UNITED STATES.....	235	19,172	20,055	27,025	29,500	39,499	35,034	19,346	11,913	10,485	9,831	9,434	12,745	243,837

1/ Either 3 or 4 plants reporting.

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Table 22 - Ice cream, wholesale: Production, by States, by months, 1954

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	16	169	179	271	259	258	357	357	542	277	223	218	239	5,109
New Hampshire.....	15	37	35	63	66	82	123	136	128	92	57	49	36	904
Vermont.....	7	67	66	94	89	112	142	147	149	107	107	99	99	1,278
Massachusetts.....	97	1,045	1,197	1,628	1,655	1,732	2,251	2,150	2,092	1,677	1,558	1,267	1,278	19,510
Rhode Island.....	22	158	177	265	285	284	403	439	426	306	245	218	193	3,597
Connecticut.....	37	400	449	572	587	572	755	792	731	609	523	454	465	8,919
New England.....	194	1,876	2,103	2,891	2,921	3,040	3,991	4,021	3,868	3,068	2,723	2,315	2,310	35,117
New York.....	311	2,768	3,102	4,276	4,683	4,845	6,458	6,372	5,894	4,627	3,885	3,579	3,492	55,983
New Jersey.....	44	700	775	982	1,071	1,092	1,454	1,593	1,499	1,212	1,004	926	895	15,203
Pennsylvania.....	207	3,506	3,955	4,959	4,998	5,128	6,631	6,571	6,330	5,531	4,346	4,403	4,140	61,098
Middle Atlantic.....	562	6,974	7,832	10,219	10,752	11,065	14,543	14,536	13,723	11,370	9,855	8,908	8,527	128,284
Ohio.....	191	2,207	2,386	2,739	2,968	2,894	3,887	3,873	3,584	3,155	2,626	2,526	2,233	34,876
Indiana.....	105	1,090	1,166	1,353	1,534	1,558	2,095	2,104	1,874	1,692	1,339	1,179	1,116	18,112
Illinois.....	143	1,622	1,792	1,949	2,235	2,333	3,150	3,122	2,753	2,462	2,058	1,830	1,791	27,077
Michigan.....	239	1,567	1,710	2,269	2,473	2,473	3,280	3,556	3,020	2,391	1,979	1,843	1,749	27,665
Wisconsin.....	129	1,010	1,125	1,315	1,406	1,490	2,027	2,160	1,904	1,595	1,308	1,258	1,167	17,585
East North Central.....	807	7,496	8,179	9,594	10,410	10,748	14,419	14,635	13,135	11,295	9,310	8,456	8,058	125,515
Minnesota.....	106	834	990	1,098	1,186	1,203	1,685	1,857	1,544	1,271	1,093	1,069	1,003	14,855
Iowa.....	88	620	682	798	880	883	1,132	1,259	1,051	915	774	710	706	10,410
Missouri.....	86	846	955	1,119	1,306	1,272	1,607	1,893	1,566	1,343	1,130	994	941	14,972
North Dakota.....	29	99	122	145	141	155	201	243	192	153	155	153	118	1,855
South Dakota.....	15	115	130	147	144	168	205	240	208	164	155	134	128	1,918
Nebraska.....	38	342	399	444	489	488	635	696	582	532	403	408	390	5,808
Kansas.....	59	402	445	502	561	580	709	798	698	585	447	394	377	6,488
West North Central.....	421	3,258	3,723	4,251	4,707	4,749	6,174	6,986	5,841	4,965	4,117	3,832	3,663	56,264
District of Columbia.....	7	256	354	450	412	383	480	465	467	409	377	328	332	4,673
Delaware.....	6	97	120	145	163	158	207	192	201	157	155	122	101	1,774
Maryland.....	27	513	569	726	788	802	1,000	1,016	943	876	756	595	602	5,168
Virginia.....	43	617	671	814	895	898	1,094	1,103	1,037	967	830	687	607	10,160
West Virginia.....	21	222	286	360	415	404	558	547	464	418	329	257	252	4,512
North Carolina.....	43	679	789	1,066	1,118	1,099	1,393	1,438	1,376	1,273	1,031	724	651	12,337
South Carolina.....	11	103	135	166	240	242	261	267	257	252	168	119	105	2,365
Georgia.....	44	409	445	579	680	697	798	810	786	708	583	399	332	7,206
Florida.....	48	861	1,001	1,124	1,228	1,090	1,167	1,270	1,238	1,108	961	826	615	12,587
South Atlantic.....	250	3,757	4,350	5,408	5,939	5,743	6,978	7,108	6,777	6,170	5,128	4,007	3,617	65,182
Kentucky.....	49	311	378	399	460	464	577	594	575	526	417	342	313	5,356
Tennessee.....	62	626	797	940	1,122	1,167	1,468	1,478	1,451	1,226	998	735	673	12,661
Alabama.....	41	412	510	617	735	717	869	910	842	811	615	418	415	7,871
Mississippi.....	36	151	201	227	291	294	395	383	368	367	279	179	153	3,273
Arkansas.....	22	105	151	175	219	198	261	285	250	229	170	121	116	2,296
Louisiana.....	33	422	520	619	698	710	882	864	864	790	608	428	422	7,827
Oklahoma.....	38	285	314	357	411	418	523	590	521	464	356	282	248	4,719
Texas.....	132	989	1,211	1,403	1,614	1,640	1,959	2,059	1,930	1,736	1,434	1,104	1,009	18,086
South Central.....	413	3,251	4,082	4,735	5,550	5,808	6,932	7,141	6,801	6,149	4,882	3,609	3,349	62,089
Montana.....	62	105	131	153	150	168	211	278	222	173	145	137	129	2,002
Idaho.....	16	138	155	175	187	209	203	275	236	181	153	148	111	2,133
Wyoming.....	16	33	33	35	40	47	58	67	59	51	39	36	33	529
Colorado.....	58	342	399	404	428	475	549	621	588	486	425	379	349	5,445
New Mexico.....	16	75	88	96	114	111	129	136	131	111	92	76	70	1,227
Arizona.....	13	172	180	180	214	229	229	225	222	204	200	154	129	2,338
Utah.....	31	177	181	214	226	237	268	309	288	248	214	207	182	2,750
Nevada.....	6	46	45	50	63	66	70	88	71	59	48	43	44	681
Mountain.....	218	1,086	1,190	1,307	1,422	1,542	1,715	1,998	1,817	1,513	1,318	1,180	1,047	17,133
Washington.....	49	450	492	651	680	784	782	885	835	707	600	579	565	7,980
Oregon.....	31	302	317	366	409	432	432	510	485	407	333	318	289	4,620
California.....	134	2,320	2,818	3,128	3,373	3,426	3,326	4,645	4,090	3,329	3,013	2,778	2,639	40,187
Pacific.....	234	3,272	3,627	4,125	4,464	4,622	5,170	6,040	5,410	4,943	3,946	3,675	3,493	52,787
UNITED STATES.....	3,099	30,970	35,086	42,330	46,165	47,117	59,942	62,465	57,372	49,471	41,229	35,962	34,264	542,573

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Table 23- Ice cream, retail: Production, by States, by months, 1954 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	166	9	12	16	28	37	32	78	49	16	13	18	21	527
New Hampshire.....	144	11	11	16	28	39	56	69	70	44	19	13	8	384
Vermont.....	70	9	10	16	13	14	12	11	12	14	11	12	12	145
Massachusetts.....	651	109	107	126	166	182	223	259	250	192	166	156	132	2,048
Rhode Island.....	100	17	19	24	26	34	39	40	41	28	28	25	17	358
Connecticut.....	248	38	46	50	58	62	87	91	84	60	52	54	42	724
New England.....	1,579	195	205	248	317	368	449	548	505	352	292	257	232	5,988
New York.....	2,572	400	448	617	677	699	932	920	851	668	562	517	505	7,796
New Jersey.....	823	162	195	209	258	281	343	354	323	319	271	240	218	3,151
Pennsylvania.....	1,929	437	478	582	658	778	958	1,046	958	776	666	573	528	8,489
Middle Atlantic.....	5,324	999	1,119	1,408	1,594	1,758	2,233	2,320	2,132	1,763	1,499	1,350	1,251	19,588
Ohio.....	1,148	176	194	219	253	285	364	389	365	314	230	207	190	5,186
Indiana.....	494	68	65	81	256	294	382	411	361	277	215	69	65	2,522
Illinois.....	761	152	134	140	170	201	250	261	246	197	168	151	159	2,209
Michigan.....	432	86	93	109	123	133	178	181	163	129	108	100	94	1,497
Wisconsin.....	480	66	76	90	116	146	199	222	198	144	102	86	70	1,521
East North Central.....	3,315	528	562	659	898	1,059	1,373	1,464	1,335	1,061	829	613	576	10,955
Minnesota.....	175	26	31	35	37	38	53	59	49	40	35	34	32	469
Iowa.....	598	95	110	124	147	179	244	263	219	167	137	120	117	1,920
Missouri.....	360	42	52	59	68	68	97	106	94	75	56	52	45	812
North Dakota.....	44	6	7	9	9	11	14	16	13	10	8	7	7	117
South Dakota.....	102	13	16	18	21	34	38	47	33	21	17	18	15	291
Nebraska.....	194	33	41	43	46	51	62	70	58	53	41	42	36	576
Kansas.....	172	27	32	37	41	45	58	61	57	53	38	29	27	505
West North Central.....	1,645	240	289	325	369	428	566	622	525	419	330	302	277	4,688
District of Columbia.....	84	27	28	33	31	32	34	34	29	31	21	30	31	561
Delaware.....	57	12	15	17	20	17	25	24	25	19	16	15	12	217
Maryland.....	234	66	73	86	83	97	122	118	105	108	86	75	74	1,093
Virginia.....	199	22	25	31	31	38	66	72	66	59	51	25	22	508
West Virginia.....	203	16	24	23	29	27	30	28	28	22	22	19	18	292
North Carolina.....	261	84	99	118	159	155	182	176	158	150	126	96	84	1,587
South Carolina.....	82	13	17	19	19	22	24	23	27	19	19	14	10	225
Georgia.....	125	18	20	23	30	34	43	44	44	33	25	20	14	348
Florida.....	228	40	42	46	45	49	47	45	44	38	28	25	25	474
South Atlantic.....	1,473	298	343	395	447	491	573	584	526	485	374	319	290	5,105
Kentucky.....	128	15	16	24	27	36	45	54	47	37	25	23	19	566
Tennessee.....	198	21	17	33	47	42	58	53	54	42	31	20	15	433
Alabama.....	59	7	8	10	13	11	14	8	9	11	10	7	7	115
Mississippi.....	107	8	10	12	15	16	21	20	19	14	10	8	8	172
Arkansas.....	145	12	15	20	22	28	35	35	34	31	22	15	15	282
Louisiana.....	65	18	18	20	20	23	27	16	18	27	27	27	23	264
Oklahoma.....	137	22	26	28	37	40	56	52	45	35	30	27	33	453
Texas.....	512	70	76	98	107	119	148	148	150	129	98	69	73	1,285
South Central.....	1,355	171	188	245	288	315	404	384	376	331	257	198	193	5,350
Montana.....	168	26	32	35	39	46	48	61	53	41	34	34	28	477
Idaho.....	136	16	17	22	23	26	27	41	37	27	23	22	17	298
Wyoming.....	44	11	13	12	14	16	18	21	19	16	12	11	11	174
Colorado.....	156	18	17	19	27	31	37	40	37	34	46	38	34	378
New Mexico.....	46	4	5	6	7	6	7	8	7	6	5	4	4	69
Arizona.....	62	15	15	15	18	20	20	19	19	16	17	15	11	200
Utah.....	84	19	20	23	24	26	29	33	31	27	23	22	20	297
Nevada.....	7	2	2	2	3	3	3	4	3	2	2	2	2	30
Mountain.....	703	111	121	134	155	174	189	227	206	171	162	146	127	1,923
Washington.....	584	87	81	111	110	150	143	170	151	118	90	80	89	1,540
Oregon.....	266	64	66	77	85	90	95	106	101	85	71	67	61	968
California.....	505	173	207	221	258	278	309	340	283	288	244	183	162	2,365
Pacific.....	1,363	304	354	409	453	498	547	616	545	491	393	342	319	5,273
UNITED STATES.....	16,557	2,844	3,181	3,803	4,521	5,069	6,354	6,745	6,146	5,073	4,138	3,507	3,265	54,626

1/ Includes ice cream produced by all retail establishments, roadside stands, etc.

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Table 24 - Ice cream, total: Production, by States, by months, 1954 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	182	178	191	287	265	295	369	455	591	295	256	256	260	5,456
New Hampshire.....	159	48	46	79	94	121	179	205	198	156	76	82	44	1,288
Vermont.....	77	76	76	110	102	126	154	158	160	119	121	110	111	1,425
Massachusetts.....	748	1,154	1,504	1,754	1,821	1,914	2,454	2,409	2,542	1,869	1,724	1,405	1,410	21,558
Rhode Island.....	122	175	196	287	311	318	442	479	467	554	273	245	210	5,755
Connecticut.....	285	458	495	622	645	654	842	885	815	689	575	518	507	7,644
New England.....	1,575	2,069	2,308	3,159	3,258	3,408	4,440	4,569	4,575	3,420	3,005	2,572	2,542	59,065
New York.....	2,885	5,168	5,550	4,995	5,360	5,544	7,390	7,292	6,745	5,295	4,447	4,096	3,997	61,779
New Jersey.....	867	862	968	1,191	1,329	1,353	1,797	1,947	1,822	1,551	1,275	1,166	1,115	16,554
Pennsylvania.....	2,156	5,945	4,435	5,541	5,357	5,906	7,589	7,617	7,288	6,307	5,612	4,976	4,668	69,537
Middle Atlantic.....	5,866	7,973	8,951	11,627	12,147	12,603	16,776	16,856	15,655	13,133	11,354	10,258	9,778	147,670
Ohio.....	1,359	2,583	2,580	2,956	3,219	3,179	4,251	4,262	5,949	5,469	2,856	2,553	2,425	58,062
Indiana.....	599	1,158	1,444	1,444	1,770	1,852	2,477	2,515	2,255	1,989	1,554	1,248	1,181	20,654
Illinois.....	904	1,754	1,926	2,089	2,405	2,534	3,380	3,383	2,999	2,659	2,226	1,961	1,950	29,286
Michigan.....	671	1,655	1,805	2,137	2,392	2,678	3,458	3,557	5,183	2,520	2,087	1,945	1,843	29,182
Wisconsin.....	609	1,076	1,201	1,405	1,522	1,636	2,225	2,402	2,102	1,739	1,416	1,344	1,237	19,308
East North Central.....	4,122	8,024	8,741	10,735	11,308	11,607	15,792	16,099	14,466	12,556	10,139	9,049	8,634	156,450
Minnesota.....	281	860	1,021	1,135	1,223	1,241	1,758	1,916	1,593	1,311	1,128	1,103	1,055	15,302
Iowa.....	686	715	792	922	1,027	1,062	1,376	1,522	1,270	1,082	911	850	825	12,330
Missouri.....	446	888	1,007	1,178	1,374	1,340	1,704	1,999	1,680	1,418	1,186	1,046	984	15,784
North Dakota.....	75	105	129	152	150	166	215	259	205	163	143	140	125	1,952
South Dakota.....	117	128	146	165	165	202	245	287	241	185	152	152	145	2,209
Nebraska.....	252	375	440	487	535	539	697	766	640	585	444	450	426	6,384
Kansas.....	251	429	477	539	602	625	767	859	755	636	483	413	404	6,991
West North Central.....	2,066	3,498	4,012	4,576	5,076	5,175	6,740	7,608	6,364	5,382	4,447	4,134	3,940	60,952
District of Columbia.....	91	283	362	465	445	415	514	499	496	440	398	358	365	5,054
Delaware.....	65	109	135	160	163	155	232	216	226	176	149	135	115	1,991
Maryland.....	261	579	642	812	871	899	1,122	1,134	1,048	998	822	670	676	10,261
Virginia.....	242	639	696	845	926	946	1,160	1,175	1,103	1,026	861	662	629	10,688
West Virginia.....	224	258	310	385	444	451	588	575	492	446	351	275	270	4,804
North Carolina.....	304	763	888	1,184	1,277	1,254	1,575	1,614	1,534	1,423	1,157	820	755	14,224
South Carolina.....	95	116	152	184	259	264	305	290	314	271	187	155	115	2,590
Georgia.....	169	427	465	602	710	751	841	864	810	741	588	419	366	7,554
Florida.....	276	601	1,043	1,170	1,275	1,139	1,214	1,315	1,280	1,146	989	851	840	13,161
South Atlantic.....	1,723	4,055	4,893	5,805	6,386	6,234	7,551	7,672	7,303	6,655	5,502	4,326	4,107	70,287
Kentucky.....	177	324	394	423	487	500	622	648	622	565	442	365	332	5,722
Tennessee.....	260	647	814	973	1,169	1,209	1,526	1,531	1,485	1,266	1,029	755	688	15,094
Alabama.....	100	419	518	627	748	728	883	918	851	822	625	425	422	7,986
Mississippi.....	143	159	211	239	306	310	416	405	387	386	278	189	161	5,445
Arkansas.....	167	117	166	193	241	226	316	316	284	260	192	156	151	2,578
Louisiana.....	98	440	538	659	718	733	909	880	882	617	635	455	445	8,091
Oklahoma.....	175	257	342	385	448	458	579	642	566	499	386	509	281	5,152
Texas.....	648	1,059	1,287	1,501	1,721	1,759	2,105	2,187	2,100	1,865	1,532	1,175	1,082	19,571
South Central.....	1,768	3,422	4,270	4,980	5,838	5,925	7,356	7,525	7,177	6,480	5,119	3,807	3,542	65,459
Montana.....	230	151	165	168	189	214	259	359	275	214	179	171	157	2,479
Idaho.....	152	154	152	197	210	235	230	316	275	208	178	170	128	2,451
Wyoming.....	60	44	46	47	54	65	74	88	78	67	51	47	44	703
Colorado.....	214	360	416	423	455	506	586	661	625	520	471	417	385	5,823
New Mexico.....	62	77	95	102	121	117	136	144	138	117	97	80	74	1,296
Arizona.....	75	187	195	195	232	249	249	244	241	222	217	167	140	2,558
Utah.....	115	196	201	237	250	265	297	341	319	275	237	229	202	5,047
Nevada.....	13	48	45	52	66	69	75	92	74	61	50	45	46	721
Mountain.....	921	1,197	1,311	1,441	1,577	1,716	1,904	2,225	2,023	1,684	1,480	1,326	1,174	19,058
Washington.....	645	517	573	742	790	894	935	1,055	986	825	690	659	654	9,320
Oregon.....	317	566	583	443	494	522	547	618	586	482	404	585	350	5,588
California.....	637	2,692	3,025	3,349	3,635	3,704	4,235	4,988	4,383	4,117	3,247	2,975	2,808	43,152
Pacific.....	1,597	3,576	3,961	4,534	4,917	5,120	5,717	6,658	5,955	5,434	4,341	4,017	3,812	58,060
UNITED STATES.....	19,656	55,814	58,287	66,133	70,686	72,186	86,276	89,210	85,518	74,544	65,567	59,469	57,529	598,999

1/ Includes ice cream produced both for wholesale and retail.

Table 25- Ice milk: Production, by States, by months, 1954 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	253	29	27	58	39	73	69	82	76	56	51	32	53	625
Vermont.....	92	-	7	9	12	18	31	15	18	19	11	7	7	164
Massachusetts.....	280	77	97	149	168	214	251	194	185	152	159	83	77	1,766
Rhode Island.....	34	10	11	18	20	22	29	29	50	19	16	10	10	224
Connecticut.....	209	35	49	107	67	75	138	133	101	70	56	43	25	879
New England.....	848	151	191	341	306	400	518	453	410	316	261	179	152	5,678
Ohio.....	999	214	274	330	368	398	565	562	536	467	309	245	194	4,462
Indiana.....	23	15	13	16	21	26	42	40	37	33	22	17	14	296
Illinois.....	1,167	198	229	304	434	476	693	760	605	499	349	228	249	5,022
Wisconsin.....	360	13	18	29	82	133	193	223	193	121	56	27	15	1,103
East North Central.....	2,549	440	534	679	905	1,033	1,493	1,585	1,369	1,120	736	517	472	10,883
Minnesota.....	340	52	75	88	99	113	147	159	125	85	77	69	64	1,153
Iowa 2/.....	584	111	110	131	175	204	283	283	245	243	167	120	129	2,201
Missouri.....	374	92	132	178	228	275	350	413	347	264	206	156	132	2,753
North Dakota 3/.....	16	10	11	14	16	20	26	28	25	23	18	13	11	215
South Dakota.....	122	12	29	37	50	49	63	76	66	56	40	44	34	556
Nebraska.....	447	65	78	110	153	186	224	260	205	171	121	80	86	1,717
Kansas.....	572	98	115	137	339	325	443	579	445	369	203	160	139	3,352
West North Central.....	2,455	440	550	695	1,060	1,152	1,516	1,798	1,456	1,211	832	642	595	11,947
West Virginia.....	219	24	61	72	89	86	112	122	97	98	74	39	47	921
North Carolina.....	80	173	181	249	309	325	466	498	499	452	306	229	184	3,871
South Carolina.....	133	34	39	47	72	86	93	99	91	87	57	33	25	763
Georgia.....	149	57	64	87	114	123	171	182	152	137	90	63	47	1,267
Florida.....	266	154	165	183	212	198	205	235	240	206	174	140	134	2,246
South Atlantic 4/.....	849	442	510	638	797	819	1,049	1,117	1,079	980	701	504	437	9,073
Kentucky.....	124	55	70	83	93	101	159	147	123	118	83	66	53	1,131
Tennessee.....	429	124	162	206	246	273	351	346	331	315	244	175	127	2,900
Alabama.....	131	110	123	146	192	185	222	249	236	250	168	99	89	2,049
Mississippi.....	291	95	117	124	162	153	217	206	208	211	155	99	76	1,823
Arkansas.....	350	55	71	95	109	119	168	165	141	143	120	91	76	1,356
Louisiana.....	189	84	113	122	160	149	170	145	137	155	121	69	76	1,506
Oklahoma.....	291	69	91	111	144	155	210	238	222	190	143	112	93	1,776
Texas.....	371	99	114	131	182	190	211	250	209	194	157	105	102	1,942
South Central.....	2,176	691	869	1,018	1,268	1,323	1,688	1,748	1,607	1,556	1,191	814	692	14,483
Montana 5/.....	173	6	8	18	29	39	49	68	53	37	22	17	14	360
Idaho.....	265	31	28	53	52	65	84	113	100	71	47	36	23	723
Wyoming.....	56	5	6	2	9	14	18	25	20	14	9	8	5	135
Colorado.....	349	114	151	140	144	163	186	231	213	185	141	132	111	1,891
New Mexico.....	83	28	36	36	49	59	67	77	69	62	45	31	30	589
Arizona.....	127	76	79	82	99	101	87	105	106	104	94	87	58	1,078
Utah.....	205	50	54	68	78	100	109	132	108	90	50	51	39	937
Nevada.....	32	14	14	17	24	26	30	40	38	29	21	20	18	292
Mountain.....	1,290	324	356	414	484	527	630	791	708	592	439	322	298	6,005
Washington.....	594	121	136	189	223	266	277	324	299	243	180	175	148	2,581
Oregon 5/.....	311	85	108	149	166	190	200	208	198	167	127	105	77	1,780
California.....	1,005	905	1,083	1,242	1,300	1,628	1,927	2,340	1,985	1,826	1,432	1,253	1,041	18,312
Pacific.....	1,910	1,111	1,327	1,580	1,889	2,084	2,404	2,872	2,482	2,336	1,789	1,533	1,266	22,673
UNITED STATES.....	12,077	3,599	4,337	5,365	6,729	7,398	9,298	10,362	9,111	8,111	5,949	4,571	3,912	78,742

1/ During 1954, this product was not permitted by law in States not shown in this table.
 2/ Includes substandard frozen dessert.
 3/ Includes imitation ice cream.
 4/ Includes production for some States not shown separately.
 5/ Includes low-fat or substandard ice cream.

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Table 28 - Butter, creamery: Production by State, 1917-39

State and division	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	1,522	1,485	1,272	825	719	596	402	568	509	577	544	548
New Hampshire.....	622	559	517	500	531	420	557	271	145	97	72	44
Vermont.....	13,998	12,065	12,883	14,769	15,447	13,093	12,947	13,298	10,594	8,524	7,455	6,350
Massachusetts.....	2,555	2,457	2,865	3,198	3,895	2,999	2,396	2,290	2,544	2,560	3,432	2,498
Rhode Island.....	190	210	197	198	144	115	111	105	67	75	100	69
Connecticut.....	1,075	910	1,019	970	1,218	1,086	980	520	729	663	528	412
New England.....	19,962	17,684	16,753	20,450	21,954	19,309	17,366	17,052	14,588	12,496	12,191	9,721
New York.....	16,426	15,927	15,728	19,123	22,323	26,444	22,032	26,257	18,602	14,571	13,126	11,849
New Jersey.....	174	154	190	143	214	264	458	642	179	67	101	45
Pennsylvania.....	16,200	13,100	14,590	13,900	17,698	15,365	15,501	14,470	11,951	12,482	12,778	12,688
Middle Atlantic.....	32,800	29,151	30,580	33,166	46,225	40,773	37,371	41,299	30,762	27,120	26,005	24,582
Ohio.....	52,248	55,888	63,882	70,900	90,063	92,200	88,171	86,436	85,660	86,050	87,766	83,150
Indiana.....	37,039	40,625	44,904	40,200	52,872	49,800	52,811	55,370	55,720	58,934	62,436	60,409
Illinois.....	34,891	39,884	44,649	41,074	49,879	47,257	51,687	61,500	63,786	69,768	67,643	69,097
Michigan.....	52,830	50,500	55,843	53,600	62,329	66,344	71,677	74,392	75,400	73,140	69,579	65,290
Wisconsin.....	101,325	94,900	97,992	107,500	138,693	153,600	153,267	161,732	171,656	170,600	164,621	138,020
East North Central.....	278,333	281,797	307,269	313,274	392,836	409,203	417,613	438,660	452,222	460,492	451,845	416,636
Minnesota.....	125,105	133,160	146,285	139,230	160,948	193,007	219,965	250,646	287,671	270,890	278,539	275,490
Iowa.....	78,850	86,945	90,916	89,180	106,516	130,382	152,846	160,378	168,363	172,258	166,989	196,068
Missouri.....	24,782	30,195	35,418	35,226	45,694	49,560	54,932	61,801	62,607	71,749	73,421	77,847
North Dakota.....	14,526	16,550	19,537	17,500	20,745	22,675	23,355	29,215	32,682	35,044	34,603	31,284
South Dakota.....	16,090	18,636	17,613	14,300	19,323	21,146	27,447	24,643	29,203	31,003	35,783	35,700
Nebraska.....	55,900	62,477	60,467	56,663	66,653	74,809	76,748	81,423	93,929	90,882	96,263	99,042
Kansas.....	33,950	37,220	36,567	32,899	37,000	40,204	42,674	48,800	50,095	52,765	59,714	57,838
West North Central.....	351,103	385,173	409,113	385,000	465,879	532,623	596,967	656,906	694,482	724,591	764,512	773,269
District of Columbia.....	1	6	6	503	577	475	10	-	461	52	-	-
Delaware.....	274	270	265	360	485	253	160	150	79	67	50	47
Maryland.....	464	297	315	440	620	542	362	500	455	289	229	243
Virginia.....	1,314	1,524	1,732	2,327	3,350	3,306	4,231	5,125	4,929	5,150	6,258	6,051
West Virginia.....	160	200	356	667	530	420	337	466	689	535	375	425
North Carolina.....	920	730	885	875	1,300	1,549	1,718	1,683	1,592	1,791	2,235	1,959
South Carolina.....	97	17	27	16	19	165	537	527	428	420	477	407
Georgia.....	10	7	6	7	7	7	7	7	7	7	7	7
Florida.....	50	39	17	-	11	21	92	1,750	1,950	2,956	3,244	3,460
South Atlantic.....	3,097	3,087	2,629	4,415	6,077	7,070	9,416	10,471	10,639	10,492	13,030	11,692
Kentucky.....	2,865	3,561	5,950	7,675	10,746	12,010	12,671	13,124	14,611	17,058	20,202	19,996
Tennessee.....	2,532	2,068	3,735	5,903	6,707	9,164	13,237	13,960	12,397	13,201	18,190	16,500
Alabama.....	721	912	696	510	885	1,030	1,071	1,080	1,339	1,083	1,687	1,419
Mississippi.....	3,200	3,300	3,474	3,430	4,882	5,778	5,715	5,648	5,596	7,093	8,220	7,805
Arkansas.....	244	429	363	345	466	751	996	1,259	1,173	1,499	1,710	1,466
Louisiana.....	93	70	46	55	160	87	185	145	145	195	324	461
Oklahoma.....	7,550	8,470	10,407	9,990	11,000	11,440	14,119	14,720	16,439	20,374	25,681	26,262
Texas.....	7,800	7,560	10,011	11,925	14,302	12,380	13,517	14,400	14,777	15,391	24,933	22,100
South Central.....	25,031	26,390	35,982	40,033	51,270	55,220	61,511	64,336	66,477	75,697	100,947	96,001
Montana.....	4,200	5,200	6,094	5,660	7,465	7,816	10,980	14,179	14,795	15,664	16,759	16,365
Idaho.....	5,019	5,030	5,273	5,300	5,746	7,980	10,023	13,600	16,729	20,238	21,288	22,156
Wyoming.....	1,850	1,460	1,325	1,120	1,485	1,550	1,894	1,991	2,201	2,612	2,448	2,360
Colorado.....	12,500	13,450	13,983	13,500	16,406	16,910	18,665	16,500	19,295	18,953	21,005	21,614
New Mexico.....	40	95	57	36	29	129	165	251	349	455	447	450
Arizona.....	2,538	1,455	1,040	950	1,522	1,820	1,946	2,107	1,801	1,503	2,193	2,495
Utah.....	3,910	3,520	4,411	4,200	5,345	6,460	7,836	8,785	8,146	8,546	10,506	10,164
Nevada.....	3,095	4,174	3,796	2,016	2,358	2,642	2,631	2,640	2,594	2,432	2,191	2,231
Mountain.....	33,153	34,404	35,979	32,984	40,386	45,307	54,160	62,053	65,910	70,403	76,839	77,635
Washington.....	17,900	18,100	20,236	23,751	23,228	24,241	26,919	29,785	29,484	31,100	31,757	50,100
Oregon.....	13,233	15,365	14,433	14,990	17,399	19,621	23,250	23,992	23,771	24,828	26,206	25,781
California.....	89,200	60,359	62,449	68,127	72,254	74,010	61,948	76,562	74,591	74,116	77,325	76,766
Pacific.....	90,333	93,624	97,120	106,866	112,891	117,872	132,097	132,339	127,646	130,046	135,288	132,667
UNITED STATES.....	854,005	871,520	959,053	937,190	1,158,408	1,226,437	1,327,101	1,423,116	1,462,924	1,511,557	1,580,647	1,542,603

Continued

Table 26 - Butter, creamery: Production, by States, 1917-59 - Continued

State and division	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	301	253	150	90	75	60	55	65	75	119	80
New Hampshire.....	28	22	8	-	-	-	-	-	-	-	-
Vermont.....	5,137	4,250	3,645	2,650	2,490	2,240	2,817	2,649	3,244	2,998	2,555
Massachusetts.....	1,570	2,060	1,470	1,390	1,470	1,660	1,040	1,040	912	640	2,262
Rhode Island.....	48	34	33	15	12	8	19	14	16	17	8
Connecticut.....	409	407	522	390	370	335	230	185	180	153	138
New England.....	7,495	7,026	5,828	4,535	4,407	4,303	4,361	3,953	4,427	5,925	2,863
New York.....	9,462	9,899	10,356	9,777	14,096	15,194	14,054	14,592	16,891	15,596	17,052
New Jersey.....	45	65	86	57	35	40	48	40	35	41	20
Pennsylvania.....	12,409	12,280	12,317	13,090	14,250	14,720	16,780	14,550	14,119	14,100	14,441
Middle Atlantic.....	21,916	22,244	22,759	22,924	28,381	29,954	30,862	29,182	31,045	29,737	31,513
Ohio.....	89,360	84,055	86,128	85,100	86,500	83,400	85,152	84,200	84,780	85,950	84,929
Indiana.....	62,701	63,249	67,991	75,507	76,508	77,062	73,935	67,112	66,607	71,139	68,972
Illinois.....	73,887	68,576	69,154	73,900	74,800	78,430	78,689	71,540	71,205	79,650	78,043
Michigan.....	65,427	65,926	73,601	78,809	79,637	76,438	77,439	62,162	60,687	66,757	70,088
Wisconsin.....	156,442	173,411	176,091	170,899	158,430	162,442	160,725	172,500	177,052	188,933	173,227
East North Central.....	445,817	455,217	474,965	484,015	475,875	477,772	475,940	477,514	480,531	512,429	494,659
Minnesota.....	288,830	285,150	289,165	290,500	305,200	281,250	290,270	296,180	280,105	301,604	297,325
Iowa.....	214,563	216,319	219,428	219,531	239,125	236,513	218,622	208,926	200,362	229,604	233,541
Missouri.....	86,951	82,178	82,313	84,400	88,540	86,750	87,643	76,910	82,211	95,600	84,480
North Dakota.....	41,889	41,032	50,412	49,338	50,739	43,960	42,550	45,575	44,267	45,385	50,708
South Dakota.....	40,894	40,900	42,080	39,700	45,393	38,948	36,122	38,741	33,896	36,105	41,022
Nebraska.....	100,199	86,391	86,850	86,400	84,900	93,200	78,715	74,800	65,718	69,000	81,258
Kansas.....	60,430	58,571	70,239	74,600	82,700	79,750	70,279	64,200	69,808	78,840	80,108
West North Central.....	833,556	810,541	840,487	844,467	904,657	862,171	814,401	805,332	776,367	856,158	868,420
District of Columbia.....	-	-	-	-	-	-	-	-	-	-	-
Delaware.....	42	41	48	56	55	42	30	29	36	42	46
Maryland.....	185	211	380	610	950	1,180	1,570	1,677	1,996	2,290	2,320
Virginia.....	5,882	5,255	5,740	6,060	5,910	6,193	6,553	6,318	6,508	7,478	7,035
West Virginia.....	466	507	426	540	570	475	693	775	2,454	2,984	2,735
North Carolina.....	2,230	2,130	2,115	2,805	2,878	2,434	2,433	2,420	2,448	2,784	2,232
South Carolina.....	496	504	648	924	948	775	785	720	600	622	523
Georgia.....	2,280	2,510	2,102	2,638	3,247	2,345	2,219	1,975	2,045	2,135	1,849
Florida.....	239	239	283	316	221	239	184	239	169	222	160
South Atlantic.....	11,818	11,397	11,722	13,949	14,759	13,628	14,322	14,083	16,233	18,537	16,898
Kentucky.....	20,633	17,806	19,048	20,470	22,530	21,580	22,119	22,125	22,101	24,620	21,279
Tennessee.....	19,230	10,975	15,197	16,518	17,433	15,795	15,920	15,555	16,550	20,270	17,161
Alabama.....	2,154	2,184	2,089	2,637	2,404	1,838	1,528	1,477	1,524	1,689	1,452
Mississippi.....	8,444	6,800	7,460	8,887	8,169	7,190	6,767	6,190	6,243	7,640	5,755
Arkansas.....	2,985	2,345	3,696	5,705	5,890	5,340	5,503	5,527	6,853	7,588	6,311
Louisiana.....	882	705	1,452	1,885	1,879	1,599	1,519	1,595	1,614	1,818	1,730
Oklahoma.....	27,510	26,666	31,628	38,150	42,250	39,500	41,999	38,450	46,167	51,407	51,412
Texas.....	27,500	25,827	31,291	36,500	36,540	31,200	28,580	35,500	35,791	38,500	38,145
South Central.....	109,338	99,308	111,961	130,752	139,095	124,032	123,935	124,419	136,843	153,332	143,245
Montana.....	16,684	16,792	14,864	14,182	14,795	13,069	12,577	11,586	10,608	11,567	12,308
Idaho.....	24,175	26,496	28,644	28,918	29,756	29,418	29,917	30,728	32,974	33,988	33,988
Wyoming.....	2,864	2,835	2,748	2,520	2,580	2,258	2,144	2,512	2,794	2,870	3,075
Colorado.....	22,420	22,643	21,993	21,974	23,909	22,699	18,261	21,491	21,125	22,287	22,698
New Mexico.....	566	951	1,090	927	990	955	1,227	1,830	2,934	2,890	3,555
Arizona.....	2,613	2,294	3,042	2,780	2,070	1,270	1,999	2,277	1,987	2,548	2,569
Utah.....	11,793	12,485	12,307	13,040	13,050	10,335	8,971	10,890	11,839	11,335	10,545
Nevada.....	2,278	1,993	2,021	1,895	1,646	1,607	1,477	1,669	2,272	2,439	2,350
Mountain.....	83,393	86,479	86,699	86,236	88,976	81,510	76,074	81,972	84,267	88,910	91,084
Washington.....	30,229	32,468	37,503	35,612	34,146	35,170	37,299	35,680	36,594	37,109	36,586
Oregon.....	25,341	26,818	29,062	27,308	27,308	28,318	29,918	29,285	28,617	31,205	31,217
California.....	72,806	74,366	73,350	73,854	77,406	70,986	64,377	64,850	66,430	67,082	65,254
Pacific.....	128,576	133,652	139,915	138,495	158,860	134,474	131,594	129,615	132,641	135,396	135,057
UNITED STATES.....	1,641,707	1,625,864	1,694,236	1,725,373	1,795,010	1,727,844	1,671,509	1,666,070	1,662,374	1,798,404	1,781,737

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Table 27 - Cheese, total American, made from whole milk: Production, by States, 1918-39

State and division	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	-	-	-	-	-	-	34	50	128	139	88
New Hampshire.....	59	25	3	77	-	-	-	6	-	-	-
Vermont.....	1,750	3,460	1,882	1,880	1,300	1,400	1,755	1,218	1,254	946	802
Massachusetts.....	32	4	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	2	-	-	-	-	-	-	-
New England.....	1,841	3,489	1,885	1,959	1,300	1,400	1,789	1,274	1,382	1,085	890
New York.....	59,610	50,510	55,829	48,070	55,730	49,190	41,509	39,501	31,663	24,951	31,075
New Jersey.....	106	446	130	200	354	196	155	-	-	-	-
Pennsylvania.....	2,980	5,580	2,970	3,500	2,550	2,900	2,350	2,417	1,823	1,837	2,236
Middle Atlantic.....	42,646	54,536	36,929	51,770	58,614	52,286	44,014	41,912	33,466	26,768	35,311
Ohio.....	1,515	1,300	1,150	1,200	500	450	675	625	550	750	1,136
Indiana.....	54	90	62	177	62	78	306	353	333	775	5,145
Illinois.....	1,982	3,240	1,540	2,200	3,300	3,875	3,500	3,665	3,275	3,562	5,141
Michigan.....	4,750	5,580	4,380	5,431	5,603	6,021	5,922	7,098	7,325	6,528	8,233
Wisconsin.....	201,400	235,730	215,500	217,758	215,400	264,597	274,200	298,277	275,265	271,460	256,508
East North Central.....	209,671	245,940	222,632	226,766	224,865	275,021	284,605	310,218	287,546	285,076	276,161
Minnesota.....	7,121	9,098	7,002	8,000	7,091	8,229	9,790	9,444	9,014	7,620	9,163
Iowa.....	1,287	959	645	520	640	660	730	801	629	870	1,078
Missouri.....	280	302	402	572	296	360	255	297	412	684	2,777
North Dakota.....	-	-	-	-	-	-	-	-	-	25	3
South Dakota.....	27	32	9	19	8	43	43	43	79	110	121
Nebraska.....	60	77	95	151	43	68	135	275	818	1,755	3,080
Nebraska.....	34	25	19	61	147	110	176	192	245	302	2,192
Kansas.....	-	-	-	-	-	-	-	-	-	-	-
West North Central.....	8,809	10,493	8,172	9,505	8,217	9,455	11,129	11,052	11,197	11,346	18,424
District of Columbia.....	-	-	43	-	-	-	-	-	-	-	-
Delaware.....	-	-	-	-	4	-	-	-	-	-	-
Maryland.....	-	93	9	29	6	-	-	-	-	-	-
Virginia.....	59	60	35	28	128	167	152	69	80	126	607
West Virginia.....	24	56	24	41	16	-	-	-	-	1	1
North Carolina.....	211	228	109	86	103	181	80	62	61	76	225
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	3	44	24	-	-	99
Florida.....	2	-	-	-	-	-	-	-	-	-	-
South Atlantic.....	296	437	220	184	257	351	276	155	141	205	952
Kentucky.....	-	-	-	-	-	-	-	57	40	65	125
Tennessee.....	44	51	26	30	71	284	398	347	187	154	665
Alabama.....	-	-	-	29	-	51	-	-	-	-	1,210
Mississippi.....	-	-	-	-	-	-	-	-	-	198	2,581
Arkansas.....	-	-	-	-	18	-	-	-	-	-	-
Louisiana.....	-	1	-	-	-	-	-	-	-	9	25
Oklahoma.....	3	1	-	-	2	-	37	9	5	5	20
Texas.....	25	1	-	15	51	-	-	-	-	25	985
South Central.....	72	54	26	94	122	335	435	395	232	456	5,559
Montana.....	449	269	233	113	259	641	792	1,296	1,484	1,435	2,347
Idaho.....	2,133	2,578	1,722	2,117	3,368	5,311	7,450	8,352	7,986	7,434	8,001
Wyoming.....	1,332	1,612	1,280	1,677	5,416	1,791	1,883	1,923	2,118	2,138	2,185
Colorado.....	308	361	361	354	42	99	434	335	773	1,233	2,906
New Mexico.....	-	-	-	-	74	135	92	56	-	-	39
Arizona.....	443	365	350	450	47	84	96	125	482	486	152
Utah.....	1,127	1,071	959	1,184	3,219	2,139	2,162	1,753	1,809	2,205	2,592
Nevada.....	1	-	-	25	24	45	79	66	80	99	88
Mountain.....	5,793	6,256	4,925	5,920	10,449	10,245	12,988	13,904	14,712	15,030	18,310
Washington.....	684	1,645	1,143	1,910	2,928	2,762	2,998	3,126	3,430	3,324	4,250
Oregon.....	7,666	8,848	8,482	8,777	10,023	10,250	10,951	10,303	13,216	11,455	11,051
California.....	6,530	6,560	7,340	7,300	6,820	5,680	6,420	6,855	5,874	5,620	6,858
Pacific.....	15,080	17,053	16,965	17,987	19,771	18,692	20,349	20,684	22,320	20,379	22,157
UNITED STATES.....	284,208	338,258	291,754	313,983	323,595	367,765	375,583	399,592	370,616	358,343	375,744

Continued

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Table 27 - Cheese, total American, made from whole milk: Production, by States, 1918-59 - Continued

State and division	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	89	85	85	76	60	57	1	2	42	35	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	715	1,399	514	352	368	420	801	1,106	1,222	794	695
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-
New England.....	802	1,484	597	408	446	477	802	1,108	1,264	827	695
New York.....	26,072	29,219	26,299	22,586	26,266	25,951	27,597	22,079	29,542	26,141	21,970
New Jersey.....	-	507	-	-	-	-	-	-	-	-	-
Pennsylvania.....	1,271	1,990	1,820	1,601	2,130	2,088	1,220	1,410	1,420	1,785	1,654
Middl. Atlantic.....	27,343	31,516	28,119	24,187	28,418	28,749	22,417	23,489	30,962	27,906	23,624
Ohio.....	1,500	1,250	1,161	1,655	2,150	3,135	6,276	8,513	9,675	10,790	11,440
Indiana.....	8,905	11,243	13,751	14,417	16,042	22,699	21,441	24,305	26,107	27,198	24,186
Illinois.....	6,625	5,611	5,644	10,030	12,150	15,530	19,500	21,091	26,656	31,241	29,207
Michigan.....	9,020	6,955	6,662	6,495	8,932	9,694	10,550	12,509	12,639	15,990	15,528
Wisconsin.....	247,506	246,686	245,109	227,751	238,632	252,105	270,851	270,851	243,003	261,977	284,035
East North Central.....	275,554	271,745	270,507	260,348	277,966	305,163	328,618	337,269	318,080	365,196	362,196
Minnesota.....	10,980	9,066	8,432	7,578	8,692	9,775	10,624	11,595	13,298	15,252	15,118
Iowa.....	1,525	1,183	1,260	1,016	1,585	1,742	2,958	4,339	4,011	3,745	5,124
Missouri.....	4,442	3,380	3,480	4,050	5,100	5,550	9,000	8,200	10,409	12,229	13,158
North Dakota.....	-	-	27	148	18	-	-	-	-	-	-
South Dakota.....	367	488	772	442	965	1,375	1,088	1,040	859	995	1,038
Nebraska.....	3,985	5,173	1,883	1,490	1,660	1,788	1,725	1,550	1,571	2,032	1,563
Kansas.....	2,950	3,988	4,445	4,613	6,844	7,257	7,407	6,531	6,794	8,531	9,529
West North Central.....	24,029	21,276	20,299	19,337	24,862	27,465	32,802	33,055	36,942	42,762	41,530
District of Columbia.....	-	-	-	-	-	-	-	-	-	-	-
Delaware.....	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	1,018	439	417	15	1	1	1	-	-	-	2
West Virginia.....	-	-	-	197	268	149	74	42	41	73	57
North Carolina.....	526	402	564	508	321	468	457	424	211	360	217
South Carolina.....	-	123	-	127	87	51	105	183	441	670	428
Georgia.....	3	-	-	-	-	28	127	275	194	256	185
Florida.....	5	-	-	-	-	25	-	-	433	217	151
South Atlantic.....	1,542	964	1,001	845	677	695	764	922	1,320	1,576	1,040
Kentucky.....	1,578	2,003	2,240	3,075	3,950	4,500	6,000	5,696	5,989	6,901	5,646
Tennessee.....	2,458	2,518	2,347	2,386	2,696	3,245	6,725	7,439	8,508	13,065	12,459
Alabama.....	1,095	37	35	-	1,255	1,525	1,725	1,609	1,972	1,909	1,532
Mississippi.....	4,628	4,438	4,901	5,748	6,264	5,906	6,997	7,622	9,292	11,006	8,165
Arkansas.....	1,023	1,363	1,540	1,329	1,330	1,150	1,710	2,243	3,279	5,102	2,476
Louisiana.....	107	17	109	144	164	212	222	319	416	546	334
Oklahoma.....	196	602	906	3,249	6,220	6,210	6,454	6,340	7,266	7,713	5,786
Texas.....	2,402	2,919	4,406	5,641	9,095	7,127	8,465	13,940	16,804	19,600	15,720
South Central.....	13,485	13,897	16,484	22,572	29,934	29,945	38,236	45,408	53,526	63,842	52,118
Montana.....	1,990	1,612	1,609	1,866	1,970	1,663	1,852	1,648	1,087	1,453	1,184
Idaho.....	7,537	8,530	5,486	6,087	5,506	6,165	6,822	7,666	8,240	9,512	9,215
Wyoming.....	2,331	2,619	1,696	1,514	1,374	477	498	735	450	781	863
Colorado.....	3,039	2,896	2,141	2,000	2,246	2,593	1,513	1,946	1,610	2,099	1,860
New Mexico.....	-	-	-	-	-	-	-	-	260	1,164	792
Arizona.....	98	109	120	171	33	25	222	99	127	122	156
Utah.....	3,287	3,044	3,497	3,156	4,493	5,091	4,277	4,925	3,626	4,193	4,419
Nevada.....	86	48	22	-	-	-	-	-	-	19	22
Mountain.....	18,368	18,858	14,371	14,814	15,622	16,014	15,184	17,019	15,400	19,323	18,511
Washington.....	4,650	5,145	5,330	7,785	7,524	8,523	9,262	8,289	8,865	9,096	9,550
Oregon.....	12,580	14,727	15,332	15,532	15,251	16,421	16,129	16,332	19,076	19,539	19,987
California.....	6,352	6,007	7,210	8,654	12,169	11,165	10,737	10,338	9,834	10,961	9,687
Pacific.....	23,582	25,879	28,317	31,969	34,964	36,109	36,128	34,959	37,775	39,556	39,544
UNITED STATES.....	382,705	385,621	379,695	374,480	412,917	441,917	475,011	493,229	495,269	561,088	559,058

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Table 26 - All other cheese than whole milk and full-skim American: Production, by States, 1918-39

State and division	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	348	251	697	557	516	632	180	96	47	-	-
Vermont.....	450	800	757	496	782	1,044	414	681	509	297	126
Massachusetts.....	68	103	77	-	1	-	62	-	114	247	393
Rhode Island.....	3	4	-	-	-	-	-	-	-	-	-
Connecticut.....	21	-	-	24	-	-	-	-	-	-	-
New England.....	690	1,158	1,531	1,077	1,299	1,676	656	777	670	544	519
New York.....	30,600	36,800	32,057	27,715	23,341	15,609	16,729	17,500	16,519	23,494	25,697
New Jersey.....	362	399	563	490	340	225	915	1,701	52	175	237
Pennsylvania.....	10,031	11,093	8,969	7,726	6,299	5,315	5,134	4,997	3,990	3,997	4,709
Middle Atlantic.....	40,993	48,292	41,588	35,931	29,980	21,149	24,778	24,198	22,561	27,566	30,843
Ohio.....	3,596	3,921	3,248	3,831	4,161	4,236	4,065	3,482	2,812	3,257	3,305
Indiana.....	136	165	145	165	44	96	60	207	62	21	750
Illinois.....	2,905	3,272	2,445	2,518	2,434	2,784	3,907	4,030	4,657	6,240	5,372
Michigan.....	5,625	6,471	4,406	4,652	2,903	1,515	1,537	753	663	920	532
Wisconsin.....	65,957	71,635	66,721	63,398	60,128	64,350	57,107	63,977	59,802	58,595	55,360
East North Central.....	78,219	85,464	76,956	74,564	69,670	72,981	66,676	72,449	67,996	69,033	65,319
Minnesota.....	531	657	500	200	247	221	153	611	412	413	562
Iowa.....	113	79	79	60	72	97	74	90	86	86	86
Missouri.....	-	-	-	-	1	-	5	-	-	4	9
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	24	-	-	-	-	-	-	-	-	22
Nebraska.....	-	-	-	-	1	3	-	5	10	4	3
Kansas.....	-	-	-	-	-	-	-	3	16	113	1
West North Central.....	644	760	579	260	321	321	255	698	528	620	683
District of Columbia.....	-	-	-	-	-	-	-	-	-	-	-
Delaware.....	111	200	147	130	66	2	-	-	-	-	-
Maryland.....	139	195	150	175	54	18	-	-	1	1	1
Virginia.....	6	-	-	-	30	95	-	-	-	-	-
West Virginia.....	-	-	5	-	-	-	-	-	-	-	-
North Carolina.....	3	-	-	-	-	1	3	-	-	-	-
South Carolina.....	-	1	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-	-	-	-	-
South Atlantic.....	259	396	302	305	150	116	3	-	1	1	1
Kentucky.....	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	-	6	1	-	-	-	-	-	-
Alabama.....	-	-	-	-	-	-	-	-	-	-	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	-
Arkansas.....	-	-	-	-	-	-	-	-	-	-	42
Louisiana.....	-	-	-	-	-	-	-	-	169	6	50
Oklahoma.....	-	6	-	-	-	-	-	-	-	-	-
Texas.....	8	17	-	4	6	-	2	9	-	-	-
South Central.....	8	23	-	10	7	-	2	9	169	6	92
Montana.....	32	99	33	86	63	101	180	69	17	-	1
Idaho.....	4	5	5	-	-	5	327	300	285	168	227
Wyoming.....	-	-	9	-	-	-	62	-	-	-	-
Colorado.....	486	647	950	1,596	1,436	1,422	1,126	1,295	1,018	1,186	1,057
New Mexico.....	-	-	-	-	-	-	-	-	-	-	3
Arizona.....	186	179	177	172	85	130	429	476	671	516	656
Utah.....	18	-	6	-	-	-	12	-	-	104	-
Nevada.....	-	-	-	-	-	-	-	-	-	49	-
Mountain.....	726	930	1,160	1,854	1,584	1,658	2,136	2,140	1,991	2,023	1,904
Washington.....	491	581	301	220	218	300	266	313	79	236	352
Oregon.....	272	508	300	223	232	300	275	300	300	229	568
California.....	2,483	3,020	3,395	1,749	1,463	1,613	846	620	2,405	3,339	2,748
Pacific.....	3,246	4,109	3,996	2,192	1,933	2,413	1,387	1,233	2,782	3,804	3,668
UNITED STATES.....	124,985	141,132	126,141	116,193	104,944	100,314	95,693	101,504	96,698	103,697	103,029

Continued

Table 28 - All other cheese than whole milk and full-skin American: Production, by States, 1918-59 - Continued

State and division	1929	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	-	-	-	-	-	81	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	8	14	1	3	165	176	205	369	539	454	729
Massachusetts.....	681	471	608	416	595	479	323	710	692	689	1,324
Rhode Island.....	-	-	-	-	-	13	15	21	21	20	20
Connecticut.....	-	-	-	-	-	89	50	10	120	126	140
New England.....	689	485	610	473	652	838	593	1,110	1,372	1,269	2,215
New York.....	27,841	29,038	26,612	23,986	25,129	28,075	29,428	28,104	28,452	32,332	33,379
New Jersey.....	141	405	300	400	500	700	904	845	800	1,396	1,361
Pennsylvania.....	2,823	2,278	1,903	2,017	2,238	2,615	3,072	2,950	4,349	6,140	8,432
Middle Atlantic.....	30,805	31,719	28,815	26,403	27,867	31,388	33,344	31,909	33,601	39,868	43,172
Ohio.....	3,895	4,043	5,506	5,332	6,798	7,845	8,334	7,870	7,835	7,974	8,044
Indiana.....	1,209	815	973	848	1,377	663	675	70	11	26	84
Illinois.....	6,446	5,000	4,716	4,500	5,773	6,982	7,415	7,352	11,156	10,666	11,542
Michigan.....	664	1,610	884	738	770	860	1,342	1,767	1,943	2,091	2,387
Wisconsin.....	62,330	69,892	66,848	68,163	77,397	81,101	84,078	87,274	81,333	83,238	86,395
West North Central.....	74,544	81,360	78,927	78,581	92,115	97,451	101,844	104,333	102,278	104,015	108,452
Minnesota.....	508	488	444	492	684	627	656	1,048	934	534	770
Iowa.....	113	234	394	319	223	243	234	145	74	77	42
Missouri.....	-	-	-	6	104	346	580	293	505	168	178
North Dakota.....	-	-	2	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	13	124	61	211	6	5	85	3	3	-	4
Kansas.....	4	224	120	2	2	2	125	137	297	638	524
West North Central.....	658	1,070	1,011	1,028	1,019	1,221	1,650	1,626	1,813	1,817	1,518
District of Columbia.....	-	-	-	-	-	-	-	-	-	-	-
Delaware.....	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	229	63	57	77	103	102	54
Virginia.....	59	646	416	-	-	-	-	-	-	28	15
West Virginia.....	1	3	1	5	-	1	-	-	-	-	-
North Carolina.....	-	40	206	-	155	-	-	11	-	-	-
South Carolina.....	-	-	6	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	-
Florida.....	-	-	-	-	-	-	-	-	-	-	-
South Atlantic.....	60	689	629	5	384	64	57	98	103	130	69
Kentucky.....	1	2	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	265	624	683	1,091	1,034	874	1,324	1,365	1,435
Alabama.....	381	-	-	-	-	-	-	-	-	-	40
Mississippi.....	-	14	89	191	41	43	231	268	13	8	1
Arkansas.....	728	405	-	85	53	-	-	-	-	98	168
Louisiana.....	21	-	3	1	363	313	419	386	328	-	-
Oklahoma.....	107	13	323	200	258	349	473	83	100	150	359
Texas.....	723	507	277	479	1,115	1,410	2,076	2,345	3,129	3,510	2,577
South Central.....	1,941	941	957	1,580	2,513	3,206	4,233	3,956	4,895	5,131	4,580
Montana.....	24	45	4	-	3	-	-	-	-	-	-
Idaho.....	337	605	1,488	1,336	2,328	1,754	2,019	2,603	2,787	2,603	2,208
Wyoming.....	-	-	842	894	1,286	1,747	1,713	1,403	1,261	931	918
Colorado.....	1,298	1,177	1,424	1,622	2,146	1,489	1,402	1,817	1,727	1,734	1,163
New Mexico.....	-	-	-	-	-	-	-	10	10	-	-
Arizona.....	623	489	259	15	20	92	269	545	542	393	370
Utah.....	1	-	-	1	2	-	-	-	-	-	9
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
Mountain.....	2,285	2,316	4,017	3,778	5,846	5,139	5,430	6,400	6,372	5,666	4,668
Washington.....	519	651	913	158	400	294	354	324	293	352	292
Oregon.....	504	454	568	344	349	547	491	358	309	726	414
California.....	4,141	4,324	2,921	2,992	4,245	4,552	5,106	6,244	7,003	6,159	5,851
Pacific.....	5,164	5,409	4,400	3,494	4,994	5,393	5,951	6,926	7,605	7,237	6,557
UNITED STATES.....	118,124	123,989	119,366	116,342	135,370	144,700	153,102	156,348	159,039	164,933	171,229

Table 29 - Ice cream, total; Production, by States, 1916-39

State and division	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	500	640	760	968	1,515	1,400	1,440	1,825	1,388	1,445	1,425	1,525
New Hampshire.....	150	200	240	260	400	460	480	485	495	546	604	750
Vermont.....	207	312	347	365	539	610	550	825	725	585	618	715
Massachusetts.....	2,250	2,980	4,020	4,270	6,140	6,350	7,210	9,200	9,000	10,300	10,400	11,525
Rhode Island.....	220	980	1,190	1,100	1,230	1,075	1,165	1,472	1,425	1,627	1,680	1,854
Connecticut.....	1,600	1,720	2,070	2,140	2,600	2,360	2,810	3,250	3,315	3,590	3,450	3,540
New England.....	5,527	6,832	8,627	9,103	12,424	12,255	13,655	16,357	16,546	18,221	18,177	19,689
New York.....	11,297	11,115	13,472	16,240	18,200	19,050	24,710	25,116	26,700	27,180	28,425	29,761
New Jersey.....	2,800	3,055	5,740	5,905	6,110	7,350	7,430	8,100	7,990	9,100	9,500	11,300
Pennsylvania.....	12,240	14,400	16,350	20,500	24,140	27,090	31,200	37,100	34,400	36,846	35,800	38,967
Middle Atlantic.....	26,937	28,548	37,562	42,645	48,450	53,490	63,340	70,316	69,090	73,126	69,725	75,028
Ohio.....	8,065	7,340	10,600	11,200	13,150	12,975	13,240	15,570	15,010	17,500	17,000	17,121
Indiana.....	3,480	3,490	4,750	5,550	5,100	5,242	5,351	6,430	5,980	6,315	6,830	7,174
Illinois.....	8,980	8,890	11,500	12,855	14,520	15,585	15,400	16,300	16,050	20,000	20,100	20,550
Michigan.....	3,090	3,050	5,080	6,750	6,795	6,650	7,880	8,357	9,971	9,778	10,185	10,371
Wisconsin.....	2,200	2,610	3,530	4,380	5,803	6,027	6,377	6,832	6,450	6,364	6,650	7,647
East North Central.....	25,900	25,580	35,520	40,535	45,348	46,459	48,228	53,289	53,461	61,157	60,945	62,643
Minnesota.....	2,430	2,590	3,230	3,921	3,985	3,828	3,851	4,210	4,370	5,725	5,729	5,419
Iowa.....	2,695	3,014	3,768	3,863	3,925	4,037	4,227	4,641	4,460	5,320	6,400	5,400
Missouri.....	2,990	3,145	4,740	4,970	5,855	6,050	6,500	6,840	6,450	7,600	7,460	7,500
North Dakota.....	304	395	425	459	375	352	445	560	525	785	993	904
South Dakota.....	428	525	779	977	790	660	726	790	690	950	880	975
Nebraska.....	1,380	1,720	2,345	2,510	2,310	2,090	2,210	2,290	2,250	2,570	2,575	2,615
Kansas.....	3,960	4,180	2,110	2,200	2,020	2,298	2,690	2,750	2,700	3,506	3,380	3,414
West North Central.....	14,387	15,579	17,397	18,880	19,258	19,315	20,649	22,081	21,465	26,456	27,597	26,227
District of Columbia.....	1,300	1,625	3,322	2,964	2,772	2,348	2,050	2,400	2,080	2,850	2,400	2,515
Delaware.....	135	145	175	170	320	350	369	649	573	598	589	705
Maryland.....	1,590	1,620	3,200	3,520	4,160	3,850	3,850	4,090	3,985	4,150	4,290	4,400
Virginia.....	1,560	1,920	3,071	2,202	2,203	2,132	2,546	2,996	2,555	2,584	2,466	2,889
West Virginia.....	790	1,095	1,750	1,870	2,190	2,465	2,415	2,890	2,650	2,900	2,700	2,860
North Carolina.....	695	970	1,320	1,365	1,845	1,975	1,860	2,250	2,100	2,690	2,600	3,024
South Carolina.....	275	395	640	545	570	395	460	619	779	734	745	932
Georgia.....	850	1,480	2,690	1,995	1,965	1,680	1,640	1,898	1,780	2,140	2,050	2,075
Florida.....	365	2,216	1,257	940	1,090	1,005	1,080	1,165	1,620	5,010	3,271	2,974
South Atlantic.....	7,560	11,876	17,425	15,571	17,115	16,200	16,250	18,957	18,322	21,456	21,111	22,373
Kentucky.....	680	780	1,275	1,240	1,390	1,180	1,610	2,020	1,995	2,340	2,400	2,500
Tennessee.....	1,230	1,490	1,965	1,795	1,995	1,910	1,970	2,170	2,040	2,640	2,768	2,820
Alabama.....	700	1,169	1,732	1,781	1,754	1,580	1,500	1,820	1,570	1,640	1,625	1,900
Mississippi.....	137	229	494	547	594	495	645	820	768	870	695	1,400
Arkansas.....	428	650	1,069	835	935	725	765	1,075	1,050	1,200	920	990
Louisiana.....	420	475	895	850	830	895	1,230	1,350	1,220	1,325	1,345	1,390
Oklahoma.....	1,147	1,619	2,188	2,050	2,260	1,950	2,090	2,175	2,120	2,654	2,576	2,800
Texas.....	2,540	3,300	5,666	5,155	5,470	4,890	4,750	5,065	5,160	5,840	5,990	6,460
South Central.....	7,282	9,692	15,394	14,253	15,328	13,625	14,560	16,295	15,921	18,509	18,719	20,260
Montana.....	177	297	427	611	551	461	471	640	565	610	617	711
Idaho.....	175	250	260	295	260	240	280	324	370	362	389	464
Wyoming.....	98	134	110	132	146	167	155	198	225	258	255	245
Colorado.....	690	870	1,130	1,366	1,397	1,395	1,760	1,780	1,920	1,955	2,053	2,292
New Mexico.....	31	44	59	50	40	38	46	42	54	101	111	176
Arizona.....	154	208	262	229	273	225	248	225	370	395	390	487
Utah.....	300	348	425	540	472	466	542	590	687	663	649	855
Nevada.....	38	47	54	70	92	97	129	95	104	113	138	150
Mountain.....	1,665	2,196	2,727	3,313	3,251	3,109	3,631	3,892	4,295	4,657	4,802	5,580
Washington.....	850	1,460	2,150	2,110	2,295	2,190	2,120	2,815	2,816	3,190	3,207	3,658
Oregon.....	488	706	1,115	1,137	1,310	1,150	1,220	1,410	1,550	2,152	2,153	2,100
California.....	2,970	4,130	4,995	5,435	6,469	7,573	7,438	8,685	10,057	11,456	12,097	13,667
Pacific.....	4,308	6,316	8,260	8,682	10,074	10,913	10,778	13,090	14,425	16,366	17,457	19,605
UNITED STATES.....	93,564	106,419	142,912	152,982	171,248	175,366	191,091	214,277	213,325	240,018	238,333	251,585

Continued

Table 29 - Ice cream, total: Production, by States, 1918-59 - Continued

State and division	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	1,550	1,625	1,625	1,459	987	864	1,115	1,196	1,392	1,619	1,555	1,572
New Hampshire.....	790	900	806	885	592	405	455	505	530	610	675	723
Vermont.....	765	800	743	646	510	418	508	563	663	662	767	733
Massachusetts.....	10,680	11,225	11,146	9,690	8,055	7,275	8,275	10,085	10,355	12,265	10,962	11,990
Rhode Island.....	1,875	1,954	1,710	1,603	1,331	1,428	1,460	1,755	2,040	2,270	2,410	2,955
Connecticut.....	3,370	4,050	3,640	3,260	2,720	2,310	2,415	2,645	2,940	3,460	3,355	3,457
New England.....	19,050	20,554	19,668	17,743	14,175	12,700	14,248	16,729	17,920	21,086	19,704	21,450
New York.....	32,144	35,584	33,651	34,266	27,470	25,761	28,784	29,642	35,274	38,555	38,769	40,666
New Jersey.....	10,150	10,560	7,875	7,198	4,872	3,982	4,940	5,195	6,225	7,205	7,524	7,356
Pennsylvania.....	34,815	37,330	37,404	31,690	22,475	20,770	25,640	28,675	34,850	39,449	38,077	39,918
Middle Atlantic.....	77,109	83,374	78,950	73,154	54,547	50,513	59,364	64,712	76,329	85,209	84,370	87,920
Ohio.....	17,270	17,300	15,542	15,890	10,155	10,900	13,510	14,265	17,500	19,425	18,790	19,842
Indiana.....	6,850	7,400	6,450	5,450	3,960	3,950	4,295	5,290	6,425	7,425	7,659	8,281
Illinois.....	21,100	22,600	21,970	18,600	13,660	12,710	14,435	14,560	16,680	19,200	19,290	20,128
Michigan.....	11,272	13,600	11,509	10,359	8,483	7,862	9,015	11,217	14,065	15,745	14,202	15,080
Wisconsin.....	7,814	8,894	8,609	6,588	4,561	3,963	4,527	5,878	7,481	9,143	8,646	9,271
East North Central.....	64,506	69,794	63,790	54,847	40,719	39,385	45,762	51,210	62,149	70,956	68,587	72,602
Minnesota.....	5,459	5,954	5,980	5,411	3,660	3,520	4,198	4,956	5,878	6,966	7,763	8,150
Iowa.....	6,000	6,547	6,167	4,604	2,994	3,507	3,898	4,503	5,524	5,742	6,260	6,643
Missouri.....	6,900	8,103	7,100	6,934	5,500	4,880	4,860	6,085	7,475	8,235	8,210	8,500
North Dakota.....	1,066	1,135	946	789	451	465	676	706	787	865	927	956
South Dakota.....	1,100	1,204	1,161	996	522	562	676	655	1,062	1,151	1,132	1,271
Nebraska.....	3,100	3,195	2,938	2,369	1,521	1,472	1,872	2,153	2,635	2,661	2,400	2,725
Kansas.....	3,450	3,850	3,816	2,922	2,468	1,794	2,013	2,272	3,342	3,904	3,553	3,685
West North Central.....	27,125	29,985	26,132	24,045	17,111	16,198	18,024	21,308	26,903	29,544	30,245	32,180
District of Columbia.....	2,425	2,437	2,362	2,378	2,031	2,002	2,329	2,726	3,235	3,397	3,566	3,878
Delaware.....	595	683	1,116	1,111	885	884	984	1,127	1,409	1,543	1,407	1,441
Maryland.....	4,250	4,265	3,615	3,615	2,480	2,879	3,432	3,694	4,257	4,958	5,025	5,262
Virginia.....	2,801	2,959	2,895	2,828	1,784	2,021	2,687	2,892	3,538	3,755	3,757	4,026
West Virginia.....	2,237	2,466	2,279	1,890	1,204	1,364	1,614	1,890	2,305	2,952	2,687	2,815
North Carolina.....	2,860	2,612	1,970	1,750	1,300	1,647	2,150	2,895	2,816	3,758	3,923	3,843
South Carolina.....	890	1,090	912	756	470	500	670	880	720	965	864	1,274
Georgia.....	1,786	1,885	1,525	1,450	1,180	1,325	1,460	1,953	2,088	2,662	2,670	2,786
Florida.....	2,413	2,487	1,849	1,916	1,403	1,590	1,860	2,291	2,140	2,470	2,903	3,210
South Atlantic.....	20,257	21,026	19,195	17,694	12,737	14,212	17,116	20,548	22,508	26,460	26,602	28,535
Kentucky.....	2,710	3,320	2,800	1,675	1,241	1,109	1,272	1,657	1,575	1,655	1,976	2,106
Tennessee.....	2,270	3,119	2,640	2,345	1,945	1,825	2,391	2,708	3,350	3,920	3,585	4,378
Alabama.....	1,620	1,856	1,371	1,190	800	1,067	1,250	1,643	1,700	1,909	1,970	2,170
Mississippi.....	1,499	1,701	1,207	894	521	591	817	1,017	1,195	1,490	1,156	1,414
Arkansas.....	960	1,133	865	675	550	500	650	850	840	870	1,106	1,266
Louisiana.....	1,288	1,474	1,350	1,090	888	1,117	1,243	1,673	2,095	2,150	2,205	2,595
Oklahoma.....	2,510	3,220	2,725	1,816	1,302	1,575	2,124	2,846	3,680	3,277	3,587	3,561
Texas.....	6,550	6,980	5,650	4,992	4,025	5,220	7,350	8,600	10,116	10,650	10,658	10,816
South Central.....	19,807	22,783	16,788	14,675	11,172	13,074	17,087	21,594	24,559	26,101	26,623	28,306
Montana.....	908	990	863	720	507	511	673	833	1,196	1,355	1,317	1,427
Idaho.....	624	693	701	563	366	368	565	665	854	1,098	985	972
Wyoming.....	340	453	362	296	197	141	145	248	179	320	349	276
Colorado.....	2,536	2,667	2,513	2,300	1,651	1,558	2,121	2,312	2,656	2,915	2,627	3,105
New Mexico.....	169	262	215	157	97	111	162	218	281	368	372	463
Arizona.....	524	686	555	498	350	300	428	475	510	910	732	752
Utah.....	899	1,101	949	901	598	552	763	974	1,163	1,221	1,012	1,073
Nevada.....	122	154	137	133	100	90	86	111	161	196	175	215
Mountain.....	6,122	7,006	6,295	5,568	3,866	3,611	4,941	5,856	7,000	8,385	7,769	8,280
Washington.....	3,804	4,074	3,599	3,202	2,468	2,093	2,496	2,882	3,673	3,891	3,926	4,420
Oregon.....	2,350	2,561	2,505	1,700	1,106	1,033	1,276	1,568	1,923	2,092	2,376	2,648
California.....	14,057	16,078	14,739	13,809	10,049	9,045	11,216	12,947	15,641	17,355	16,564	19,501
Pacific.....	20,211	22,713	20,643	18,711	13,623	12,169	14,988	17,397	21,237	23,338	22,666	26,560
UNITED STATES.....	255,967	277,237	255,439	226,437	167,950	161,792	191,560	219,134	258,585	291,057	286,366	305,772

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Table 30 - Whole milk used in manufactured dairy products: Calculated quantities used in specified products, on a whole-milk-equivalent basis, by State, 1954 1/

State and division	Cheese		Prepared milk (unpasteurized) Case	Condensed milk (unsweetened) Bulk	Sweetened condensed milk Case & Bulk	Dry whole milk	Ice cream and other frozen products	Other milk 2/ products	Total	Duplications	Net total	
	Dairy butter	American										Other than American
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
Maine.....	4,279	-	5,184	-	22,079	211	55,566	5,500	80,059	17,272	21,587	
New Hampshire.....	23	-	-	-	-	-	22,407	255	22,760	7,763	15,003	
Vermont.....	54,409	48,055	32,500	-	14,088	132	24,025	16,950	191,737	6,710	185,027	
Massachusetts.....	6,540	-	25,781	-	-	-	550,821	6,575	557,396	137,220	395,450	
Rhode Island.....	-	-	1,342	-	-	-	58,337	-	59,679	16,761	42,918	
Connecticut.....	25	-	2,904	-	5,211	55	120,154	4,209	132,636	5,633	127,003	
New England.....	65,204	48,055	87,711	-	42,158	598	636,210	31,570	681,362	191,405	990,977	
New York.....	750,000	576,423	600,348	20,089	172,972	5,722	174,001	949,474	88,333	1,166,110	566,094	2,600,010
New Jersey.....	1,079	85	32,722	-	111	-	-	259,974	5,359	266,320	13,626	282,502
Pennsylvania.....	272,624	9,506	79,571	117,006	69,780	4,444	-	1,082,909	32,256	1,647,606	59,278	1,589,327
Middle Atlantic.....	1,042,571	305,612	712,641	146,685	241,653	10,168	174,001	2,289,357	126,948	5,110,104	439,169	4,670,935
Ohio.....	1,175,708	252,828	185,500	490,104	15,450	16,079	109,025	551,125	99,275	2,891,222	79,894	2,801,328
Indiana.....	733,866	276,974	96,211	181,447	31,221	4,237	12,100	250,880	20,000	1,020,136	64,291	1,555,845
Illinois.....	1,170,347	530,056	589,629	230,056	4,778	2,250	56,747	494,441	65,921	3,002,725	129,059	3,075,666
Michigan.....	1,061,701	318,124	27,657	271,676	32,277	26,723	38,032	433,725	61,558	2,281,274	66,410	2,194,864
Wisconsin.....	4,500,000	5,015,214	1,295,576	982,139	55,167	25,717	254,237	577,949	151,700	12,597,000	435,730	12,120,160
East North Central.....	6,641,822	6,339,697	1,969,573	1,294,632	131,702	73,276	449,541	2,051,110	400,754	22,384,256	771,254	21,556,901
Minnesota.....	5,835,800	642,020	101,057	51,500	56	16,096	27,342	241,895	22,902	6,966,510	73,142	6,893,374
Iowa.....	3,049,948	227,506	5,400	190,006	20	-	-	205,460	4,000,149	35,493	35,493	4,473,255
Missouri.....	1,138,621	621,051	744	254,026	7,051	-	-	227,467	24,875	2,475,955	60,584	2,407,121
North Dakota.....	1,088,207	-	-	-	-	-	-	31,690	772	1,116,560	11,000	1,106,781
South Dakota.....	652,289	27,511	-	-	-	-	-	40,496	2,568	762,775	9,010	755,765
Nebraska.....	1,610,419	14,356	05	-	2,353	353	-	118,578	7,669	1,727,044	20,692	1,706,352
Kansas.....	960,000	150,594	-	125,027	541	432	041	121,695	14,051	1,532,709	14,133	1,538,578
West North Central.....	15,331,224	1,653,376	107,284	513,359	19,008	16,621	27,833	879,220	64,390	13,001,671	229,602	12,771,875
District of Columbia.....	-	-	-	-	-	-	-	76,175	3,650	79,825	30,070	49,755
Delaware.....	-	-	-	-	-	-	-	29,256	76	29,332	17,711	11,621
Maryland.....	80,302	79	26	55,553	30,684	23,421	-	182,325	9,625	365,015	60,610	504,205
Virginia.....	136,348	1,074	-	137,051	697	-	1,182	182,072	2,631	442,800	46,314	390,286
West Virginia.....	12,227	4,744	-	74,154	-	-	-	70,859	3,768	165,769	3,370	162,399
North Carolina.....	47,358	23,051	-	81,725	11,410	-	-	212,410	3,409	379,363	92,785	286,578
South Carolina.....	2,555	-	75	44,333	-	-	-	35,455	205	82,623	14,614	68,009
Georgia.....	7,096	8,826	-	-	4,019	24	-	102,514	1,233	122,401	18,655	103,746
Florida.....	568	-	-	-	-	-	-	181,628	3,143	185,339	64,059	120,483
South Atlantic.....	286,444	50,073	101	327,616	55,610	23,830	1,182	1,025,793	27,217	1,800,268	343,074	1,507,193
Kentucky.....	326,889	303,175	2,400	405,109	5,050	595	-	79,140	11,059	1,321,738	24,964	1,296,774
Tennessee.....	204,511	349,625	59,850	337,302	9,750	-	-	175,387	8,354	1,145,097	51,343	1,093,754
Alabama.....	703	28,828	-	-	-	-	-	109,733	682	110,745	28,056	109,707
Mississippi.....	37,025	145,375	-	145,195	5,825	21,575	-	45,000	522	403,233	11,368	411,865
Arkansas.....	66,507	120,759	29,975	89,850	-	-	-	40,907	976	349,974	11,234	337,740
Louisiana.....	5,889	5,350	-	125	-	-	-	196,025	1,175	116,660	4,954	113,700
Alabama.....	566,895	62,621	27,744	-	2,256	205	-	76,070	9,714	716,503	18,758	727,745
Texas.....	121,138	47,475	-	50,875	-	180	-	252,181	16,608	408,517	26,173	442,344
South Central.....	1,379,185	1,060,405	119,069	1,009,650	22,791	22,255	-	890,641	49,189	4,550,455	176,670	4,373,585
Montana.....	151,421	44,108	-	-	-	-	-	36,794	1,892	211,015	8,229	202,786
Idaho.....	638,741	219,947	45,853	102,689	-	-	5,410	41,974	44,583	1,188,108	31,720	1,157,488
Wyoming.....	45,024	5,585	14,944	-	-	-	-	10,375	757	78,195	2,034	76,161
Colorado.....	349,481	25,928	-	26,556	3,972	111	867	105,606	17,580	531,511	6,126	525,385
New Mexico.....	15,675	-	-	1,000	-	-	-	23,450	3,125	42,320	899	41,421
Arizona.....	9,462	-	1,333	-	-	-	-	46,205	3,093	60,093	1,947	58,146
Utah.....	129,558	75,695	40,070	122,534	-	-	841	54,762	7,459	451,205	22,657	408,548
Nevada.....	11,737	-	-	-	-	-	-	14,764	106	26,602	607	26,002
Mountain.....	1,351,999	370,775	102,606	543,950	4,972	111	6,718	334,330	77,477	2,573,136	74,229	2,498,907
Washington.....	421,220	35,143	12,078	140,909	7,584	5,481	1,146	151,098	25,310	801,269	3,082	791,377
Oregon.....	310,742	226,700	3,225	14,500	3,457	-	6,099	84,684	11,072	666,610	22,751	643,859
California.....	823,128	60,585	88,344	610,250	49,050	10,445	47,474	745,615	223,027	2,670,522	99,974	2,571,548
Pacific.....	1,569,390	320,426	104,247	771,659	60,127	15,826	54,620	394,597	259,409	4,140,401	131,617	4,008,784
UNITED STATES.....	29,847,699	10,474,224	3,257,132	5,387,761	569,282	162,711	714,125	9,170,267	1,057,563	60,451,674	2,364,550	58,087,124

1/ Total whole-milk equivalent of factory dairy products calculated from production in each State as reported by the Agricultural Marketing Service, and pounds of fat retained at plants per pound of product made and total of milk used for each purpose as determined from a survey of 2,700 plants in 46 States for the year July 1950 to June 1951. No adjustment has been made for differences 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 plant making frozen cheese reported the sale of 0.0284 pound 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, reductions 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.

2/ Includes milk equivalents of dry cream, rolled milk powder, part-skim dry milk, dry or concentrated ice cream mix, creamed cottage cheese, sweetened dry whole milk, infant food, candy base, creamed condensed chocolate milk, dehydrated butterfat, and other special milk products.

Table 31- Skim milk equivalents: Calculated quantities used in specified skim milk and buttermilk products, by States, 1954 1/

State and division	Full skim American Cheddar cheese	Cottage cheese curd	Sweetened condensed skim milk		Unsweetened condensed skim milk 2/ case & bulk	Concentrated skim milk (for animal feed)	Condensed or evaporated buttermilk	Dry or powdered		Dry casein 4/	Total
			1,000 pounds					Butter-milk	Nonfat milk solids 3/		
			Case	Bulk							
Maine.....	-	55,412	-	1,290	16,779	-	-	-	11,198	-	82,679
New Hampshire.....	-	1,112	-	-	-	-	-	-	-	-	1,112
Vermont.....	-	96,889	-	5,318	14,841	-	-	22	248,583	14,175	377,546
Massachusetts.....	-	5,882	-	-	2,955	-	-	-	44,385	-	55,202
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	26,194	-	-	1,116	-	-	-	-	-	27,310
New England.....	-	165,049	-	4,608	35,691	-	-	22	504,106	14,175	521,649
New York.....	1,249	367,251	-	55,538	181,278	-	1,095	7,194	1,710,984	101,210	2,403,828
New Jersey.....	-	17,588	-	699	201	-	-	-	2,134	-	20,572
Pennsylvania.....	552	135,569	-	51,426	139,064	3,482	3,939	-	318,263	-	648,075
Middle Atlantic.....	1,600	518,338	-	85,713	318,543	3,482	5,054	7,184	2,051,381	101,210	3,077,475
Ohio.....	568	254,851	-	23,499	158,322	-	53,803	27,258	699,193	2,142	1,179,516
Indiana.....	1,286	69,712	-	16,290	47,873	4,644	537	11,407	399,201	-	550,760
Illinois.....	-	157,706	-	8,558	30,057	-	104,730	9,625	194,612	1,642	584,966
Michigan.....	-	184,575	-	5,888	32,031	-	4,737	35,385	755,084	178	1,075,948
Wisconsin.....	-	175,758	-	65,130	302,919	-	-	105,389	4,870,019	143	5,519,336
East North Central..	1,664	822,580	-	117,375	691,098	4,614	143,807	187,044	6,918,109	4,105	8,890,526
Minnesota.....	1,712	60,100	-	7,089	27,654	-	12,883	200,277	2,964,753	-	3,274,248
Iowa.....	672	48,281	-	687	37,032	4,224	124,089	78,595	431,046	-	724,655
Missouri.....	-	101,262	-	786	75,477	-	20,514	9,020	425,887	-	632,946
North Dakota.....	-	1,806	-	1,242	-	-	-	34,980	-	-	38,028
South Dakota.....	-	7,819	-	216	-	-	-	4,824	18,203	11,022	40,064
Nebraska.....	-	25,638	-	4,275	55,401	-	31,710	22,671	61,281	-	200,978
Kansas.....	-	51,750	-	4,589	111,309	-	14,217	20,053	206,415	-	408,133
West North Central..	2,384	296,656	-	18,684	306,933	4,224	207,396	381,799	4,100,404	-	5,519,080
District of Columbia..	-	15,050	-	-	-	-	-	-	-	-	13,050
Delaware.....	-	475	-	-	-	-	-	-	-	-	475
Maryland.....	-	37,050	-	20,529	38,910	-	-	-	-	-	246,429
Virginia.....	-	15,838	-	11,046	72,661	-	1,671	-	148,289	-	197,842
West Virginia.....	-	15,644	-	-	3,585	1,410	-	1,166	97,141	-	31,119
North Carolina.....	-	15,875	-	-	6,181	-	480	-	-	22,077	40,133
South Carolina.....	-	1,181	-	-	-	-	-	-	-	-	1,181
Georgia.....	-	5,500	-	303	1,491	-	-	-	4,224	-	11,512
Florida.....	-	12,400	-	-	-	-	-	-	-	-	12,400
South Atlantic.....	-	116,813	-	31,878	124,618	1,410	2,151	1,166	271,711	-	549,547
Kentucky.....	-	40,300	-	2,694	7,177	-	6,933	7,612	25,322	-	80,049
Tennessee.....	608	31,719	-	-	23,502	-	-	-	29,655	-	106,284
Alabama.....	-	3,788	-	-	5,729	-	-	-	-	-	9,677
Mississippi.....	-	2,775	-	6,412	23,280	-	-	11	59,620	-	84,098
Arkansas.....	-	4,544	-	831	13,509	-	150	1,166	-	-	20,200
Louisiana.....	-	8,300	-	2,175	1,851	-	-	-	10,362	-	22,888
Oklahoma.....	-	36,675	-	3,885	20,798	-	5,426	13,926	41,118	-	119,858
Texas.....	-	47,244	-	420	68,343	-	-	-	11,792	-	127,789
South Central.....	608	175,545	-	18,417	184,770	-	10,509	22,715	176,072	-	590,643
Montana.....	-	4,506	-	-	-	-	-	-	-	-	6,506
Idaho.....	-	8,056	-	-	5,625	-	-	66	583,748	-	597,495
Wyoming.....	-	2,700	-	-	-	-	-	-	18,557	-	21,257
Colorado.....	256	29,462	-	4,461	9,396	-	390	10,307	6,776	-	61,048
New Mexico.....	-	7,651	-	-	33	-	-	-	-	-	7,854
Arizona.....	-	9,844	-	-	5,157	-	-	253	1,364	4,177	20,795
Utah.....	-	21,906	-	-	2,238	-	-	-	81,685	-	103,830
Nevada.....	-	356	-	-	1,062	-	-	-	308	-	1,726
Mountain.....	256	88,461	-	4,461	23,511	-	390	10,626	692,433	4,177	822,321
Washington.....	-	85,519	-	9,357	12,495	-	-	847	189,465	-	307,481
Oregon.....	-	35,088	-	3,255	7,503	-	-	2,145	125,972	-	173,960
California.....	448	413,894	-	10,455	257,757	-	-	6,270	815,670	61,083	1,561,577
Pacific.....	448	552,301	-	23,067	277,752	-	-	9,262	1,139,105	61,083	2,043,016
UNITED STATES.....	6,960	2,711,743	-	304,203	1,985,116	13,740	369,987	819,628	15,635,354	184,748	21,809,650

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 minor products.
 Products included and conversion factors for converting to a skim-milk equivalent basis are: American full-skim cheese, 16.0; cottage cheese, 8.25; dried or powdered buttermilk and nonfat dry milk solids, 11; dry casein, 35.7; and 3 each for case and bulk sweetened condensed skin milk, bulk unsweetened condensed skin milk (plain condensed), concentrated skin 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 skin milk and buttermilk, these conversion factors are only approximate.

2/ Plain condensed.
 3/ Includes skin milk for animal feed.
 4/ Skimmed milk or buttermilk.

The data for manufactured dairy products in 1954, given in this report, were compiled from reports made by dairy manufacturers direct to the United States Department of Agriculture or through the cooperating State agencies shown below:

<u>State</u>	<u>Agency</u>	<u>Collaborator or Cooperating State Official</u>
Alabama	State Department of Agriculture and Industries.....	A. W. Todd, Commissioner
California	State Department of Agriculture.....	W. C. Jacobsen, Director
Colorado	Colorado Department of Agriculture Division of Animal Industry...	Harry B. Staver, Chief, Dairy Section
Florida	State Department of Agriculture Inspection Bureau Dairy Division.....	Alex G. Shaw, Chief
Idaho	State Department of Agriculture Bureau of Dairying.....	Duard Campbell, Director
Illinois	State Department of Agriculture.....	Stillman J. Stanard, Director
Indiana	Purdue University Agricultural Experiment Station Creamery License Division.....	T. H. Binney, In Charge
Iowa	State Department of Agriculture Dairy and Food Division.....	L. B. Liddy, Chief
Kansas	State Board of Agriculture Dairy Division.....	Rolla B. Holland, Dairy Commissioner
Kentucky	State Department of Agriculture Labor and Statistics.....	Ben S. Adams, Commissioner
Michigan	State Department of Agriculture Bureau of Dairying.....	F. M. Skiver, Chief
Minnesota	Department of Agriculture.....	Byron G. Allen, Commissioner
Mississippi	State Department of Agriculture and Commerce.....	Si Corley, Commissioner
Montana	State Department of Agriculture.....	Albert H. Kruse, Commissioner
Nebraska	State Department of Agriculture and Inspection..... Bureau of Dairies, Foods, Weights and Measures.....	Ed Hoyt, Director Gould B. Flagg, Chief
New York	State Department of Agriculture and Markets, Division of Milk Control.....	Kenneth F. Fee, Director
North Carolina	State Department of Agriculture.....	L. Y. Ballentine, Commissioner
North Dakota	State Department of Agriculture and Labor, Dairy Division.....	William J. Murphy, Dairy Commissioner
Ohio	State Department of Agriculture..... Division of Foods and Dairies	A. L. Sorensen, Director
Oklahoma	State Board of Agriculture Dairy Division.....	Clyde D. Lacey, Director
Oregon	State Department of Agriculture.....	J. F. Short, Director
Pennsylvania	State Department of Internal Affairs	Genevieve Blatt, Secretary
South Dakota	State Department of Agriculture.....	Charles Bruett, Secretary
Tennessee	State Department of Agriculture.....	Burford Ellington, Commissioner of Agriculture .
Utah	State Board of Agriculture Dairy and Foods Division.....	Guy P. Stevens, Supervising Inspector
Virginia	State Department of Agriculture Division of Animal and Dairies Industries.....	Dr. W. L. Bendix, Director
Washington	State Department of Agriculture.....	Sverre N. Ondahl, Director
West Virginia	State Department of Agriculture.....	J. B. McLaughlin, Commissioner
Wisconsin	State Department of Agriculture.....	D. N. McDowell, Director
Wyoming	State Department of Agriculture.....	William L. Chapman, Commissioner

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