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SB 405 (1951)

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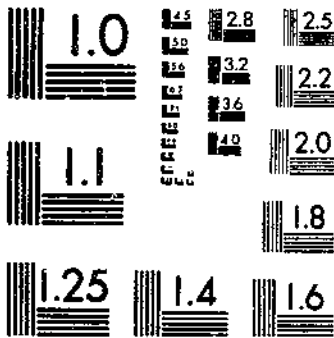
UPDATES

PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1950

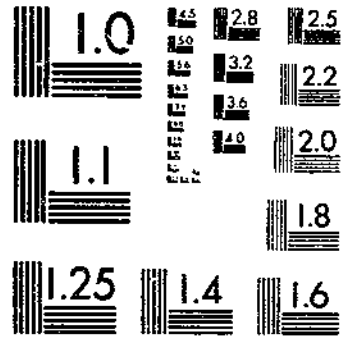
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MICROCOPY RESOLUTION TEST CHART
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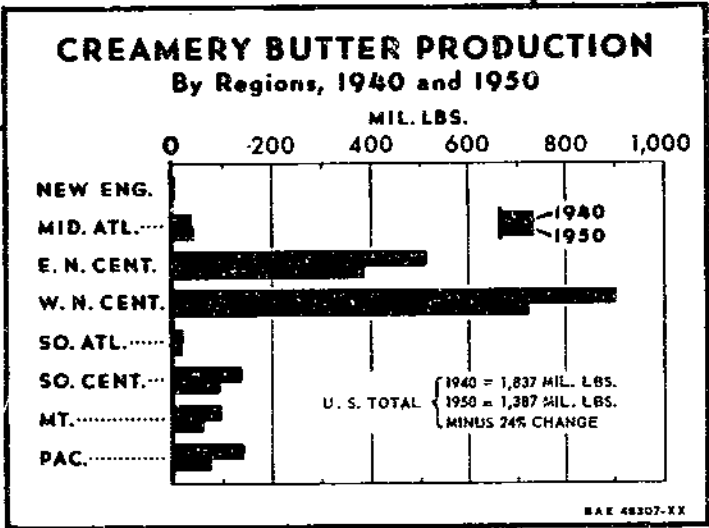
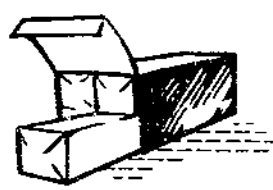


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1950



UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON, D. C. OCTOBER 1951

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The data for manufactured dairy products in 1950, given in this report, are 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.....	Frank M. Stewart, Commissioner
California	State Department of Agriculture.....	A. A. Brock, Director
Colorado	State Department of Agriculture Division of Animal Industry.....	Harry B. Staver, Dairy Section
Idaho	State Department of Agriculture Bureau of Dairying.....	Lester Hendrix, Director
Illinois	State Department of Agriculture.....	Ray E. Yung, 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.....	H. E. Dodge, Commissioner
Kentucky	State Department of Agriculture Labor and Statistics.....	Harry F. Walters, Commissioner
Michigan	State Department of Agriculture Bureau of Dairying.....	F. M. Sliver, Chief
Minnesota	State Department of Agriculture.....	Myron W. Clark, Commissioner
Mississippi	State Department of Agriculture and Commerce.....	Si Corley, Commissioner
Montana	State Department of Agriculture.....	Alfred R. Anderson, Commissioner
Nebraska	State Department of Agriculture and Inspection Bureau of Dairies, Foods, Weights and Measures.....	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.....	H. S. Foust, Director
Oklahoma	State Board of Agriculture Bureau of Dairying.....	Clyde D. Lacey, Commissioner
Oregon	State Department of Agriculture.....	E. L. Peterson, Director
Pennsylvania	State Department of Internal Affairs..	William S. Livengood, Secretary
South Dakota	State Department of Agriculture.....	L. V. Ausman, Secretary
Tennessee	State Department of Agriculture Division of Foods, Drugs and Dairies.....	James W. Parker, Dairy Commissioner
Utah	State Board of Agriculture Dairy and Foods Division.....	Guy P. Stevens, Supervising Inspector
Virginia	State Department of Agriculture Dairy and Foods Division.....	N. L. Franklin, Director
Washington	State Department of Agriculture Dairy and Livestock Division....	Sverre N. Omdahl, 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

PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1950

Prepared in the Bureau of Agricultural Economics 1/

The whole-milk equivalent of manufactured dairy products for 1950 totaled 54,825,360,000 pounds. This represented a fractional decline from 1949, but was the seventh highest total recorded in 22 years. Production of creamery butter declined from 1949 to 1950, the volume of cheese was unchanged, evaporated milk registered a gain, but dry whole milk and ice cream showed fractional decreases. Record high output was shown by Swiss cheese, plain condensed whole milk (bulk goods), ice milk, and creamed cottage cheese. A record low was shown in the production of Limburger cheese.

Whole-milk Equivalents Fractionally Lower

With less milk required for use in creamery butter, total cheese, and dry whole milk, the total whole-milk equivalent of manufactured dairy products was fractionally lower in 1950 than in 1949 despite slight gains in condensed and evaporated milk, cottage cheese, and some frozen dairy products. Whole-milk equivalent of butterfat used in creamery butter declined more than one-half billion pounds from 1949 to 1950. Whole milk used in total cheese declined more than 50 million pounds. Utilization of whole milk in evaporated and condensed milk registered a gain of 215 million pounds. Milk used in dry products rose 72 million pounds, and in creamed cottage cheese, 85 million pounds. Use of whole milk in all frozen dairy products combined increased 60 million pounds. The net whole-milk equivalent of all manufactured dairy products declined 163 million pounds. Use of whole milk in manufactured dairy products represented nearly 45 percent of the total milk production in the United States as estimated for 1950.

Wisconsin still maintains an impressive lead in the volume of whole milk used in manufactured dairy products, with 10,841,799,000 pounds in 1950 -- nearly 20 percent of the United States total. Other States in order of their rank were Minnesota with more than 6 billion pounds, Iowa with between 4 and 5 billion pounds, Ohio with more than 3 billion pounds, Illinois with 2.8 billion pounds, and New York with 2.5 billion pounds.

Creamery Butter Production Lower

The 1950 output of creamery butter totaled 1,386,200,000 pounds. Although this was a decline of 2 percent from 1949, it was the second highest production since 1944. The ranking of the first 5 States in the production of creamery butter, in 1950, was unchanged from previous years. Illinois, however, ranked sixth, surpassing Ohio, which previously held that position, Kansas production ranked ninth instead of tenth as in 1949.

Changes in production by geographic regions varied sharply. Gains in the New England, West North Central, and Mountain regions were more than offset by declines in the remaining regions of the country.

Total Cheese Production Only Fractionally Below Record Levels

Total cheese output in 1950 was 1,192,557,000 pounds -- only fractionally lower than last year's all-time record. Gains in production by regions were found in New England, 53 percent; Middle Atlantic, 4 percent; South Atlantic, 5 percent; and both Mountain and Pacific, 2 percent. These gains were almost exactly offset by the

1/ The material appearing in this report was compiled under the supervision of W. D. Borzath, in cooperation with Federal-State Statisticians and cooperating State agencies, and under the general direction of B. H. Bennett, Head, Division of Dairy Statistics, Bureau of Agricultural Economics. All of the computations in this bulletin were made under the supervision of Jessie M. Cooley.

following declines: East North Central, 1 percent; West North Central, 2 percent; and South Central, 4 percent.

Table 1.--Whole milk used in manufactured dairy products: Total per capita, and percentage distribution by major products on net whole milk equivalent basis, United States, 1936-1950

Year	Creamery butter	All whole milk and part skim cheese	Evaporated and condensed milk	Ice cream and other frozen products	Other milk products	Total of all whole milk products	Per capita annual
	Percent	Percent	Percent	Percent	Percent	1,000 lb.	Pounds
1936	69.4	13.7	10.4	6.1	0.4	47,071,054	367.6
1937	69.0	13.8	9.8	7.1	.3	47,031,818	365.1
1938	69.4	14.1	9.7	6.4	.4	51,447,110	396.3
1939	69.0	13.7	9.9	6.9	.5	51,661,423	394.7
1940	67.5	14.4	10.6	6.8	.5	54,549,576	413.3
1941	62.7	16.0	13.0	7.6	.7	59,660,301	447.9
1942	58.3	18.4	13.6	8.8	.9	60,398,622	448.5
1943	59.5	17.5	12.8	7.7	2.5	58,748,402	415.8
1944	54.6	18.5	14.9	8.2	3.8	54,748,971	396.5
1945	49.7	20.3	16.3	9.4	4.3	54,870,932	393.1
1946	45.2	21.2	14.0	15.8	3.8	51,718,254	368.2
1947	47.9	21.2	14.2	13.5	3.2	55,520,045	385.5
1948	46.8	21.1	15.8	12.7	3.6	51,730,817	352.9
1949	51.5	21.7	12.2	11.8	2.8	54,987,947	368.5
1950	50.7	21.6	12.7	11.9	3.1	54,826,360	351.4

American Cheese Production Lower

American cheese production at 892,929,000 pounds for 1950 was 5 percent lower than last year's all-time record high; however, it was fourth highest of record, having been exceeded by 1942 and 1947 output as well as that of last year. Production by regions registered a gain of 93 percent in the New England States, 4 percent in the South Atlantic States and 4 percent in the Mountain States. Output in the Pacific region was unchanged. Declines were shown as follows: Middle Atlantic down 6 percent; East North Central down 5 percent; West North Central, 6 percent; and South Central, 5 percent.

Production of American Cheddar cheese in 1950 was 847,001,000 pounds, or 95 percent of the total American cheese. The remaining 5 percent, or 45,928,000 pounds, was composed of other types of American cheese such as Colby, Washed Curd, Jack, and Monterey. The output of these other types declined 8 percent from 1949.

Other Cheese Sharply Higher

The combined production of cheese other than American whole-milk varieties totaled 299,628,000 pounds in 1950, a gain of 13 percent from the preceding year and the second highest of record. This sharp gain is largely the result of an increase in the production of Swiss cheese, although there were also gains in Munster, Italian, and Cream cheese output. For the second successive year, Swiss cheese production reached a new record high level. The output of 99,433,000 pounds was up 23 percent from 1949 and was nearly twice that of the production of any year before 1947 in the third of a century for which records are available. Munster cheese at 10,551,000 pounds was 4 percent higher than in 1949 but still 6 percent below the record established in 1944. Italian cheese production for 1950 at 61,845,000 pounds was 13 percent higher than the preceding year and the third highest of record. Cream cheese production at 65,881,000 pounds was 21 percent above the preceding year but still below the record of 1946.

Declines in output were shown by the remaining varieties of cheese. Brick cheese production was 19,597,000 pounds, a decline of 3 percent from 1949 but the second highest output since 1941. Limburger cheese has declined each succeeding year since 1946 and in 1950 the production was 6,003,000 pounds, down 16 percent from the preceding year, and the lowest in 33 years of record. Neufchâtel cheese was 3,578,000 pounds, down 12 percent from 1949 and the lowest in the past 7 years. Output of Blue Mold cheese was 7,657,000 pounds, a drop of 6 percent from the preceding year and the lowest since 1944. Unclassified varieties of cheese totaled 22,714,000 pounds, a decline of 3 percent from 1949 and the lowest production since 1944.

Cottage cheese production for 1950 set a new high record. Cottage cheese curd was 322,692,000 pounds, a gain of 14 percent from the previous year. Creamed cottage cheese was 351,678,000 pounds, up 23 percent from 1949. Production of California and New York for both curd and creamed cheese represented approximately one-third of the United States total.

Evaporated Whole Milk Production Higher

Output of evaporated whole milk totaled 2,882,475,000 pounds for 1950, a gain of 5 percent from 1949 but the second lowest since 1940. Wisconsin continued to rank first among the States by a rather wide margin, California forged into second place, while Ohio dropped from second into third rank. Kentucky continues to rank fourth, but both Michigan and Missouri have exceeded the output of Illinois and are now fifth and sixth, respectively. Changes in production from 1949 to 1950 by geographic regions show gains in the following: East North Central, 8 percent; South Atlantic, 3 percent; South Central, 2 percent; and Pacific, 14 percent. Declines in output were registered as follows: Middle Atlantic, 21 percent; West North Central, 3 percent; and the Mountain region was unchanged.

Production of canned condensed whole milk in 1950 was the lowest since 1940. The 1950 output was 61,973,000 pounds, a decline of 39 percent from 1949.

Plain condensed whole milk production set a new high record and at 221,724,000 pounds was 9 percent above the previous record set in 1949. Sweetened condensed whole milk totaled 39,135,000 pounds, a decline of 17 percent from 1949 and the lowest production since 1935.

Ice Cream Production Unchanged

For the first time since 1945, the production of ice cream failed to show a substantial drop from the production of the preceding year. At 555,984,000 gallons, the 1950 output was only 2 million gallons or two-tenths of 1 percent less than in 1949. Production in the Middle Atlantic, East North Central, and West North Central States was generally less than in 1949, although for the most part the decreases by States were relatively small. An occasional State even showed a slight increase. However, the 1950 production of ice cream in the New England, South Atlantic, South Central, Mountain, and Pacific Coast States, was larger than in 1949. Some of these States, on a percentage basis, showed substantial increases. Only a few States reported a smaller output than in 1949.

The number of plants making ice cream continues to expand. In 1949, production was reported for 15,876 plants. In 1950, the number had grown to 16,497 plants. Most of this increase was in plants making ice cream from purchased mix for sale at retail.

Production of ice cream for wholesale in 1950 totaled 507,549,000 gallons and for retail 48,435,000 gallons. The relation of wholesale production to retail production in 1950 was approximately the same as in 1949. Wholesale production constituted 91 percent of the 1950 output and retail production 9 percent.

Milk Sherbet Total Higher

Production of milk sherbet in 1950 totaled 17,070,000 gallons, an increase of 25 percent over the 13,616,000 gallons (revised) production in 1949. A few States made

less sherbet than in 1949, but all the principal geographic regions showed increases, ranging from small to substantial. Although the 1950 output was only about one-fourth as large as the peak of 65,177,000 gallons made in 1945, it was the fourth largest of record and exceeded the production of any prewar year. Following the precipitate drop in 1946 (when some of the wartime controls governing the use of butterfat in the production of frozen dairy products were suspended) and a small drop in 1947, the annual output of milk sherbet has been slowly expanding. The increase since 1947 has been around 63 percent.

Production of Ice Milk Rose Sharply

The production of ice milk totaled 36,530,000 gallons in 1950, reaching a new peak and exceeding the 1949 production of 29,651,000 gallons (revised) by 23 percent. The increase in production was rather general, although some areas had larger increases than others. Only 5 States and the District of Columbia reported a smaller production than in 1949.

The 1950 production of ice milk was reported by 4,199 plants, an increase of 31 percent over the 3,212 plants in 1949 and 131 percent over the 1,818 plants reporting in 1948.

Because of the absence of standards or definitions for ice milk in a number of States, the collection of data on the production of ice milk is somewhat more difficult than the collection of data on the production of more standardized products such as ice cream and milk sherbet. In those States that have no specific standards, reliance must be placed on the manufacturers to correctly classify their product as ice cream, ice milk, or sherbet in the periodical reports they make for statistical purposes to State and Federal agencies. Also in some States, the production of low-fat frozen dairy products other than milk sherbet is prohibited. In these States, any soft frozen products containing the minimum of butterfat test for ice cream, and sometimes referred to as ice milk, would be classified as ice cream.

Special efforts were made, in 1950, to obtain complete coverage of the production of low-fat frozen dairy products; and also to revise the coverage in 1949 for incompleteness. Most States provide for the licensing of plants making such products in the same way as required for manufacture of ice cream and other frozen dairy products. Most of these States, in addition to licensing, require reports on production. The United States Bureau of Agricultural Economics has cooperative agreements for the joint collection of dairy statistics with the State agencies that collect these reports for 29 States. In the remaining States where such reports are not required, the Bureau, during 1950, received the cordial support of the State and national ice cream manufacturers' associations and the so-called franchise groups of low-fat producers of frozen dairy products in rounding up delinquent reports. It is believed that in these States coverage is also essentially complete. The sharp increase in the production of ice milk in 1950 over 1949 (revised) is due apparently primarily to an increased number of plants engaged in the production of low-fat frozen dairy products rather than to any substantial increase in coverage.

It may be that the classification of other frozen dairy products for 1950 contains some ice milk but, in general, this designation covers mostly the production of frozen custards and frozen or frosted malted milk that previous to 1949 were classified separately. In any event, as the production of other frozen dairy products in 1950 totaled only 8,949,000 gallons, the volume of ice milk included in this classification would necessarily be small.

Composite Production of All Frozen Dairy Products up Slightly From 1949

The production of all frozen dairy products in 1950 totaled 618,532,000 gallons, an increase of 2 percent over the production of 607,950,000 gallons in 1949. Although

the volume of ice cream produced in 1950 was slightly less than that produced in 1949, the sharp increase in the production of other frozen dairy products -- such as sherbet and ice milk -- more than offset the decline in ice cream.

Table 2.--Frozen dairy products: Production for specified items and total, United States, 1946-1950

	1946	1947	1948	1949	1950
	<u>1,000 gallons</u>				
Ice Cream					
Wholesale	651,541	576,979	525,168	508,103	507,549
Retail	62,053	53,787	51,093	49,826	48,435
Sherbet	12,019	10,447	12,211	13,616	17,070
Ice Milk	15,471	15,829	19,585	29,651	36,530
Other Frozen Dairy Products	<u>1/5,626</u>	<u>1/5,542</u>	<u>1/4,986</u>	6,754	8,948
Total	746,710	662,584	613,043	607,950	618,532

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

Because of the heavy weight borne by ice cream in the composite total of all frozen dairy products produced, the trend of this total is naturally influenced to a considerable extent by the changes in the production of ice cream. However, while the production of ice cream has declined constantly since 1946, the first postwar year, the production of some of the other frozen dairy products has consistently been on the increase. In 1946, the production of ice cream constituted 96 percent of the composite production of all frozen dairy products for that year; in 1950 only 90 percent.

In addition to producing frozen dairy products, a number of plants make considerable quantities of water ices. In 1950, the volume totaled 18,099,000 gallons, a slight drop from the 18,695,000 gallons produced in 1949.

Frozen Dairy Products Mix

Production of mix for use in making frozen dairy products in 1950 totaled 336,920,000 gallons. Mix labeled for "ice cream" totaled 302,117,000 gallons, an increase of slightly more than 4,000,000 gallons, or 1 percent over the 1949 production. Mix for use in the production of sherbet, ice milk, and other low-fat frozen dairy products totaled 34,803,000 gallons. As 1950 is the first year for which data are available on the production of mix for these products, comparisons with other years cannot be made. However, as the 1950 volume of mix was insufficient to produce all of the low-fat frozen dairy products reported, it is evident that most, if not all, of the increase in the production of ice cream mix over 1949 was in regular ice cream mix that, with some modification, could be used in the production of low-fat frozen dairy products.

Skim-milk Products Down in Production

Skim-milk equivalents of all manufactured skim-milk products for 1950 totaled 15,984,756,000 pounds, a 3-percent decline from the record high in 1949, although the

total is still above that in any other year. The decline in the use of skim-milk was mainly the result of a decrease of 633 million pounds of skim-milk used in nonfat dry milk solids, which more than offset a gain of 243 million pounds used in cottage cheese curd. Wisconsin continues to hold a substantial lead in the quantity of skim-milk used for manufacturing dairy products with 3,453,505,000 pounds in 1950, or 22 percent of the total for the country as a whole. Minnesota was second with 2,259,644,000 pounds, or 14 percent of the United States total. Other States in the order of their importance are as follows: New York, California, Michigan, Ohio, Indiana, Missouri, Illinois, and Pennsylvania.

Table 3.—Skim-milk equivalents: Calculated quantities used in certain skim milk and buttermilk products, United States, 1936-1950

Year	Full skin Amer- ican cheese	Cottage cheese curd	Condensed and evapo- rated skim milk	Concen- trated skim milk (for ani- mal feed)	Nonfat dry milk solids	Dry casein	Cond. & dried butter- milk	Total
	Mil.lb.	Mil.lb.	Mil. lb.	Mil. lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil. lb.
1936	4	750	1,048	38	3,845	1,647	828	8,160
1937	3	827	1,129	30	4,094	2,409	848	9,340
1938	3	896	1,192	40	4,942	1,733	971	9,777
1939	4	1,042	1,132	35	4,492	1,459	997	9,161
1940	4	1,089	1,244	45	5,300	1,664	1,083	10,429
1941	7	1,172	1,519	58	5,242	1,690	1,217	10,905
1942	16	1,230	1,651	40	6,892	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	7,261	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	2,017	2,271	36	9,885	662	1,086	15,985

Nonfat Dry Milk Solids Second Only to Last Year's Record High

The 1950 output of total nonfat dry milk solids was 881,078,000 pounds, a decline of 6 percent from 1949; but the total is still the second highest of record. Spray-dried nonfat milk solids totaled 623,967,000 pounds, 1 percent less than the record high of 1949. Roller-dried nonfat dry milk solids totaled 257,111,000 pounds, a reduction of 16 percent from the previous year.

Dry Buttermilk Lower in Total

Dry buttermilk production for 1950 was 48,668,000 pounds, a decline of 1 percent from 1949. Minnesota's production of 18,961,000 pounds was far above that of any other State. The closest State was Iowa with 8,152,000 pounds.

Volume of Dry Casein Up Slightly

Dry casein production for 1950, at 18,531,000 pounds, was 1 percent larger than in 1949 and the largest production since 1947. New York ranked first with 5,272,000 pounds,

followed by California with 3,727,000 pounds. Other important States in the production of casein were Minnesota, Wisconsin, Vermont, and Illinois.

Dry Whey Production Lower

Dry whey output for 1950 totaled 153,578,000 pounds, showing a decline of 4 percent from the preceding year. Wisconsin continues to hold an impressive lead with a production of 60,523,000 pounds, 39 percent of the United States total. Minnesota was second in output with 23,927,000 pounds.

Condensed Skim-milk (Bulk Goods) Lower

Plain condensed skim-milk, bulk goods, for 1950, at 523,182,000 pounds, was the second largest production of record and 3 percent below 1949. Wisconsin is the leading State in this production with New York, California, Kansas, and Pennsylvania following in that order. Sweetened condensed skim-milk production at 210,410,000 pounds, was the lowest since 1941 and down 2 percent from 1949. Wisconsin ranks first in production followed by Pennsylvania, New York, Indiana, and Illinois.

Crude Milk Sugar Production Highest of Record

The production of crude milk sugar for 1950 totaled 39,252,000 pounds, a gain of 63 percent from the near record production in 1949. Wisconsin led with a substantial proportion of the total production of the United States. Other States producing considerable quantities of crude milk sugar were New York, California, Minnesota, and Vermont.

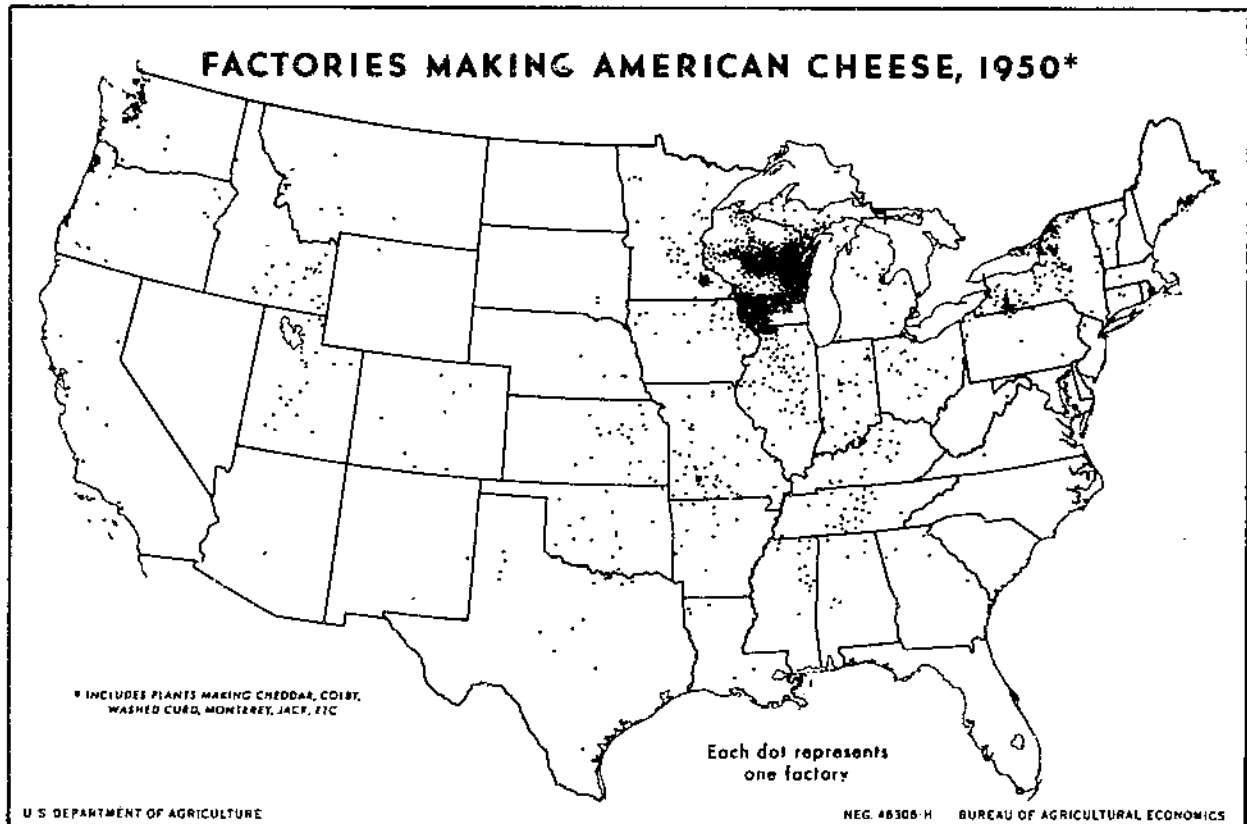


Figure 1. Factories making American cheese are distributed by States roughly in proportion to production. Wisconsin, the leading producer, has 47 percent of United States production and 59 percent of the total plants making cheese. Missouri, second in rank, has less than 3 percent of the plants but makes 7 percent of the total production. Minnesota has 3 percent of the total plants and slightly over 5 percent of the production.

Table 4- Revisions, manufactured dairy products: Quantities made, by specified items, United States, by months, 1949 1/

Product	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1949
		Number	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery 2/	3,141	92,488	93,570	111,634	124,619	161,900	155,638	135,258	129,656	114,828	103,557	92,297	96,666	1,412,111
Cheese:														
American														
Cheddar 3/	1,604	54,295	54,960	67,450	81,579	112,934	110,502	93,194	84,182	70,739	58,681	48,330	48,456	885,302
Total American 4/	1,682	57,491	57,954	71,160	86,157	118,657	116,168	97,869	88,296	74,997	62,832	51,763	51,856	935,206
Part skim American 5/	15	53	54	64	87	116	75	29	45	117	35	40	54	769
All Italian varieties 6/	156	3,994	4,318	5,698	6,137	5,137	4,182	3,828	3,965	4,163	3,850	4,205	5,386	54,853
All other varieties 7/	109	2,153	1,787	2,190	2,232	2,083	1,779	1,620	1,824	2,050	2,023	1,886	1,742	23,369
Total 8/	2,207	76,993	76,891	95,086	110,961	145,294	140,185	119,228	109,579	96,091	82,917	72,241	73,976	1,199,442
Cottage cheese														
Curd 9/	1,738	19,684	21,156	27,203	25,323	27,561	26,822	25,301	23,975	22,804	22,480	21,008	20,521	283,938
Creamed 10/	1,335	20,493	21,003	27,778	25,733	26,410	26,643	25,104	24,366	22,553	22,909	22,175	21,900	287,067
Condensed milk:														
Sweetened														
Bulk goods														
Skimmed 11/	253	12,246	11,273	15,391	22,894	35,299	29,413	22,306	19,595	15,884	11,671	9,015	9,908	215,295
Unskimmed 12/	105	2,435	2,350	2,337	2,976	6,026	3,498	3,931	4,987	4,798	5,090	5,721	2,720	47,179
Unsweetened														
Bulk goods														
Skimmed 13/	385	36,301	34,796	41,298	45,074	57,695	60,382	56,157	53,335	42,793	41,149	35,551	33,137	537,668
Unskimmed 14/	129	9,257	10,051	15,554	17,881	20,544	21,358	26,420	25,399	18,138	13,595	12,193	12,061	202,851
Dry milk:														
Nonfat dry milk solids														
Spray process 15/	207	40,764	42,473	54,890	64,430	77,363	72,187	59,690	54,497	44,316	38,495	35,915	42,922	627,942
Roller process 16/	291	14,832	17,403	26,129	34,133	46,531	42,163	31,015	25,486	19,983	16,228	14,285	18,804	306,992
Total nonfat for human food 17/	498	55,596	59,876	81,019	98,563	123,894	114,350	90,705	79,983	64,299	54,723	50,200	61,726	934,934
Whey 18/	65	10,850	12,828	16,845	12,572	17,839	15,643	14,341	15,159	12,848	9,570	10,964	9,899	159,358
Malted milk powder 19/	10	1,414	1,709	2,487	2,176	2,320	2,494	1,760	2,104	2,446	2,320	2,181	1,958	25,369
Frozen products:														
Ice cream														
Wholesale 20/	3,309	27,007	29,281	38,007	41,643	51,932	60,712	62,818	60,960	42,795	35,446	30,805	26,697	508,103
Retail 21/	12,655	2,428	2,620	3,398	4,084	5,049	6,185	6,515	6,201	4,246	4,471	2,969	2,662	49,826
Total 22/	15,964	29,435	31,901	41,405	45,727	56,981	66,897	69,333	67,161	47,041	38,917	33,774	29,359	557,929
Sherbet 23/	3,732	479	549	813	1,060	1,490	1,841	2,067	1,880	1,240	896	733	568	13,616
Ice milk 24/	3,212	1,133	1,327	1,949	2,556	3,095	3,597	3,656	3,755	3,127	2,281	1,938	1,327	29,651
Other frozen dairy products 25/	1,698	226	275	422	516	736	882	954	924	690	503	366	260	6,754
Water ices 26/	1,884	205	250	805	2,043	3,392	3,861	3,439	2,711	971	519	304	195	18,695
Ice cream mix 27/	3,589	15,656	16,711	22,045	24,276	30,499	35,894	37,416	36,148	24,962	27,818	17,826	15,736	297,987

1/ For revised annual totals by States, see table 8. Some State totals may not be shown if there were less than 3 plants reporting.
 Revisions shown in following States: 2/ Michigan, 3/ Michigan, Arizona, 4/ Michigan, Arizona, 5/ Arizona, 6/ Indiana, Colorado, 7/ Indiana, Louisiana, Arizona, 8/ Michigan, Louisiana, Colorado, Arizona, 9/ Maryland, Louisiana, 10/ Louisiana, 11/ New Jersey, Tennessee, 12/ Mississippi, 13/ New Jersey, Tennessee, 14/ New Jersey, Mississippi, 15/ Pennsylvania, 16/ Pennsylvania, 17/ Pennsylvania, 18/ Michigan, 19/ Minnesota, 20/ New Jersey, Pennsylvania, Texas, 21/ Minnesota, North Carolina, Alabama, Montana, 22/ New Jersey, Pennsylvania, Minnesota, North Carolina, Alabama, Texas, Montana, 23/ Michigan, Wyoming, 24/ Mass., R. I., Conn., Ohio, Ind., Ill., Minn., Iowa, Mo., No. Dak., So. Dak., Kans., West Va., So. Carolina, Ga., Fla., Ky., Tenn., Ala., Ark., Okla., Tex., Colo., N. Mex., Ariz., Utah, Nev., Wash. 25/ Illinois, Missouri, Kansas, Alabama, Texas, 26/ New Jersey, Minnesota, Virginia, West Virginia, North Carolina, Montana, Idaho, California, 27/ New Jersey, Missouri, Texas, Wyoming.

Table 5—Manufactured dairy products: Quantities made, by specified items, United States, 1941-1950

Product	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter:										
Creamery 1/	1,872,183	1,764,054	1,673,788	1,488,502	1,363,717	1,171,339	1,329,094	1,210,324	2/1,412,111	1,386,290
Renovated or processed.	3,195	3,768	2,940	6,406	2,345	1,441	1,219	1,090	1,419	1,306
Cheese:										
American										
Whole milk.	753,122	916,850	765,089	804,787	875,084	801,264	932,718	854,447	2/935,206	892,929
Part skim.	4,139	3,759	4,670	2,248	1,098	2,696	4,906	3,987	2/769	2,319
Swiss (including block)	55,962	52,561	45,826	45,571	50,065	55,695	71,612	70,665	81,043	99,483
Brick and Munster.	32,066	28,798	27,978	27,435	14,756	17,678	26,533	26,506	30,376	30,148
Limburger.	8,088	8,441	6,653	7,510	8,777	9,548	7,753	7,358	7,180	6,003
Cream & Neufchatel.	3/50,012	3/47,554	70,451	60,440	66,912	78,803	66,503	56,816	58,495	69,459
All Italian varieties.	34,363	34,916	43,003	41,762	64,628	75,388	38,100	43,579	2/54,853	61,845
Blue mold.	4/	4/	8,036	6,835	9,828	12,451	10,580	9,289	8,141	7,657
All other varieties.	18,409	19,435	21,782	20,659	25,624	52,824	24,241	25,719	2/23,369	22,714
Total 5/.	956,161	1,112,314	993,294	1,017,247	1,116,771	1,106,347	1,182,946	1,098,366	2/1,199,442	1,192,557
Full-skim American type	416	1,001	2,337	2,628	2,172	2,367	2,153	1,754	1,251	1,774
Cottage, pot. & bakers'	187,593	196,799	213,910	224,374	284,774	6/	6/	6/	6/	6/
Cottage cheese										
Curd 1/	-	-	-	-	-	246,303	215,302	255,639	2/283,938	322,692
Creamed 1/	-	-	-	-	-	209,893	230,597	249,236	2/287,067	351,678
Condensed milk:										
Sweetened										
Case goods										
Skimmed.	2,334	4,839	697	102	216	302	243	362	-	91
Unskimmed.	114,772	62,453	117,247	139,145	143,306	113,906	164,733	126,295	100,902	61,973
Bulk goods										
Skimmed.	173,058	225,840	306,899	374,840	519,188	818,076	541,813	239,290	2/215,295	210,410
Unskimmed.	79,299	75,382	66,588	63,586	77,016	69,750	82,553	45,542	2/47,179	39,135
Unsweetened										
Bulk goods										
Skimmed.	326,535	318,379	325,512	363,771	454,443	487,219	403,194	494,036	2/537,668	523,182
Unskimmed.	113,965	125,880	102,452	119,403	128,875	98,471	174,525	200,485	2/202,851	221,724
Evaporated milk, unsweetened:										
Case goods, unskimmed.	3,246,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643	3,208,027	3,322,393	2,755,780	2,882,475
Condensed or evaporated buttermilk.	128,183	169,999	167,338	157,503	160,441	226,708	189,135	170,954	178,383	183,470
Dry milk:										
Whole milk.	45,627	62,167	137,766	177,754	217,276	188,406	164,888	170,087	125,541	124,986
Nonfat dry milk solids for human food.	366,455	565,414	599,620	582,912	642,546	653,465	677,941	681,532	2/934,934	881,078
Skim milk for animal feed.	110,042	61,148	24,279	16,407	17,506	13,704	22,149	13,145	21,244	17,573
Buttermilk.	75,614	69,637	60,995	56,683	49,578	38,627	45,437	41,839	49,359	48,668
Cream.	43	54	216	193	203	567	320	312	178	459
Casein.	47,346	42,268	18,386	15,264	12,333	18,319	35,831	14,372	18,348	18,531
Malted milk powder.	23,242	34,679	49,435	40,549	42,751	45,029	37,354	31,361	2/25,369	30,710
Ice cream, total.	390,175	464,146	411,626	444,198	476,357	713,594	630,766	576,261	2/557,929	555,984

1/ Includes whey butter.
2/ Revised.

3/ Cream cheese only.

4/ Included in "All Other Varieties of Cheese" prior to 1943.

5/ Excludes full skim cheddar and cottage cheese.

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

7/ 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.

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Table 6—Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1950

Manufactured product	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Number	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	
Butter¹														
Creamery	3,059	101,341	97,976	121,842	128,642	157,175	165,081	146,041	124,766	100,714	89,251	75,555	77,886	1,366,290
Reconstituted or processed	1/	125	140	201	117	114	69	54	89	81	117	90	99	1,306
Cheese:														
American														
Cheddar	1,557	51,084	51,406	67,125	80,323	103,144	111,555	98,079	82,261	63,928	53,592	42,383	42,121	847,001
Other varieties, whole milk ^{2/}	186	3,413	3,145	3,900	4,095	4,823	5,366	4,505	3,831	3,497	3,405	2,894	2,986	45,924
Total, whole milk ^{3/}	1,743	54,497	54,551	71,025	84,418	107,967	116,921	102,584	86,154	67,425	56,997	45,277	45,107	932,925
Part skim	16	218	93	142	235	172	184	200	250	234	275	201	107	2,319
Swiss, including block.	284	5,697	5,928	8,101	9,186	11,083	11,819	10,809	9,717	8,150	7,655	5,992	5,546	99,483
Munster	79	851	994	1,170	958	825	824	625	706	646	820	953	1,179	10,551
Emmentaler	141	1,948	1,720	1,684	1,663	1,924	1,951	1,586	1,423	1,261	1,422	1,425	1,590	19,597
Limburger	34	610	599	622	508	504	537	505	428	409	525	397	359	6,003
All Italian varieties	167	5,343	5,615	6,983	6,441	5,581	4,576	3,984	4,434	4,450	5,649	4,579	5,289	61,845
Neufchatel ^{5/}	49	5,459	5,217	6,159	5,236	5,114	5,191	5,099	4,947	5,069	5,649	5,994	6,207	65,881
Cream ^{6/}	15	325	294	325	303	313	308	287	294	287	295	305	282	3,578
Blue mold	23	774	683	833	872	874	873	848	848	848	848	848	848	7,657
All other varieties	97	1,086	1,866	2,042	1,971	1,834	1,640	1,559	1,649	1,838	2,192	2,269	2,146	22,724
Total ^{6/}	2,159	77,846	77,620	99,132	111,791	136,192	144,478	127,679	110,424	90,221	80,636	67,927	68,409	1,192,557
Full-skim Am. type cheese	111	133	133	191	242	105	87	111	89	143	138	164	256	1,774
Cottage cheese														
Curd	1,499	23,037	24,705	29,319	28,097	30,600	29,257	28,511	27,562	25,141	27,096	24,568	24,399	322,692
Creamed	1,570	25,066	26,817	32,182	30,510	32,843	31,357	31,649	30,193	27,386	29,437	27,677	26,559	351,678
Condensed milk:														
Sweetened														
Case goods														
Unskimmed	12	3,928	5,235	6,038	6,906	5,320	5,155	4,654	6,176	5,878	5,267	3,596	3,620	61,973
Bulk goods														
Skimmed	239	11,466	11,990	16,211	16,214	26,610	25,935	22,697	20,845	16,133	14,642	11,667	14,000	210,410
Unskimmed	87	2,925	2,503	2,850	3,248	3,659	3,946	4,000	4,208	4,108	3,024	2,037	2,387	39,135
Unsweetened														
Bulk goods														
Skimmed	343	31,609	32,305	39,846	47,028	55,826	60,063	56,374	51,476	43,003	39,677	33,606	32,309	523,182
Unskimmed	144	12,934	13,909	16,064	17,124	20,386	21,764	25,636	25,321	19,511	17,953	15,683	15,379	221,724
Evaporated milk, unsweetened:														
Case goods														
Skimmed	5	1,003	2,210	2,974	1,991	2,546	2,690	1,743	2,080	1,422	1,214	1,546	2,754	23,270
Unskimmed	122	167,450	184,473	240,068	299,530	347,611	350,624	303,067	282,832	232,155	199,430	157,764	157,471	2,688,475
Concentrated skim milk for animal feed	14	657	612	1,035	892	1,628	1,965	1,689	1,213	770	574	502	534	12,071
Condensed or evaporated buttermilk	112	12,949	12,573	16,035	15,955	19,243	19,850	18,811	17,895	14,853	12,858	10,857	10,991	183,470
Dry milk:														
Whole milk	75	8,726	7,909	10,625	9,520	10,612	12,173	11,293	12,455	11,302	12,074	9,056	9,281	124,986
Nonfat dry milk solids														
Spray process	226	47,224	47,466	60,627	69,058	81,099	82,224	68,963	48,369	34,011	28,443	24,971	31,512	623,967
Roller process	285	23,896	20,925	27,504	14,605	19,439	39,996	25,922	15,809	10,816	7,838	5,952	7,409	257,111
Total nonfat for human food	458	68,120	68,391	88,131	103,663	120,538	122,220	94,885	64,178	44,827	36,281	30,923	38,921	881,078
Skin milk for animal feed	205	1,196	1,469	1,686	2,039	2,239	2,305	1,920	1,285	1,016	805	810	803	17,573
Part skim dry milk solids	6	319	31	418	208	290	24	243	98	139	222	175	80	2,247
Ice cream mix ^{7/}	15	718	631	1,547	1,844	2,842	2,700	3,261	2,059	1,755	1,575	915	590	20,437
Buttermilk	236	3,958	3,813	4,793	4,720	5,682	5,831	4,760	3,924	3,058	2,697	2,526	2,906	48,668
Cream	8	23	14	17	23	14	24	89	41	63	48	67	26	459
Whey	69	7,631	11,299	17,064	13,813	15,955	17,227	15,428	10,561	17,918	10,531	8,102	8,053	153,578
Casein	50	1,245	1,095	1,730	2,180	2,284	2,369	1,365	1,316	1,494	1,321	1,004	1,128	18,531
Malted milk powder	9	2,368	2,575	2,833	2,190	2,808	2,342	2,150	2,458	2,880	2,883	2,733	2,490	30,710
Milk sugar, crude	18	3,826	3,649	3,616	3,401	2,804	2,740	2,490	3,524	4,103	3,279	2,376	3,444	39,522
		1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Frozen products ^{8/}														
Ice cream														
Wholesale	3,271	29,323	30,704	36,155	39,038	51,885	58,818	58,806	58,760	44,494	39,221	32,837	27,468	507,549
Retail	13,226	2,519	2,630	1,153	1,666	4,878	5,758	6,173	6,042	4,305	3,681	2,984	2,626	48,435
Total	16,497	31,842	33,334	37,308	40,704	56,763	64,576	64,979	64,802	48,799	42,902	35,821	30,094	555,984
Shorbet, milk	4,166	607	672	920	1,175	1,890	2,470	2,419	2,321	1,546	1,294	1,030	726	17,070
Ice milk	4,159	1,474	1,758	2,298	2,794	3,834	4,387	4,648	4,710	3,057	3,086	2,206	1,682	36,530
Other frozen dairy products	1,930	313	368	463	503	1,013	1,170	1,140	1,189	903	771	531	354	8,948
Water ices	2,070	251	309	820	1,758	3,067	3,761	3,130	2,947	1,178	662	395	231	18,059
Ice cream mix	3,150	17,104	17,856	21,167	23,104	31,194	35,307	35,407	35,350	26,584	23,371	19,073	16,537	302,117
All other mix	1,251	1,233	1,458	2,013	2,682	3,771	4,408	4,588	4,564	3,493	2,962	2,043	1,588	34,803

^{1/} Less than 5 plants reporting. ^{2/} Includes Colby, Washed Curd, High and Low Moisture Jack, Monterey, and Granular.
^{3/} Comparable with data published prior to 1944 under 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/} Includes concentrated ice cream mix converted to dry ice cream mix equivalent. ^{8/} The production shown for frozen products includes that made by all types of plants for both wholesale and retail.

Table 7 - Manufactured dairy products: Quantities produced, by specified items, by geographic divisions, United States, 1949 and 1950

Manufactured product	New England		Middle Atlantic		East North Central		West North Central		South Atlantic		South Central		Mountain		Pacific		U. S. Total		Percent change from 1949 to 1950	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950		
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.		
Butter, creamery	1,915	2,581	42,624	39,802	412,810	344,526	712,974	721,589	16,507	16,110	94,187	90,931	55,753	59,487	75,331	71,264	1,412,111	1,386,290	- 2	
Cheese:																				
American																				
Cheddar	780	2,281	34,553	32,249	542,271	517,972	139,706	131,265	2,198	2,290	110,335	104,689	27,098	28,042	28,361	28,213	1,685,302	847,001	- 4	
Other varieties, whole 2/	711	597	6,104	5,811	57,827	31,452	972	1,046	-	-	-	457	2,210	2,469	4,080	4,096	49,504	45,328	- 8	
Total, whole milk 3/	1,491	2,878	40,657	38,060	578,098	549,424	140,678	132,311	2,198	2,290	110,335	105,146	29,308	30,511	32,441	32,309	1,735,206	892,329	- 5	
Part skim																				
Swiss, including block	-	-	48	277	254	1,459	69	303	-	-	-	82	382	162	6	41	1,769	2,319	+202	
Monster	-	-	616	627	70,751	83,644	476	5,457	1	14	-	-	9,179	9,679	20	62	81,043	99,483	+ 23	
Brick	-	-	198	278	9,942	10,273	-	-	-	-	-	-	-	-	-	-	10,098	10,551	+ 4	
Linsburger	-	-	26	15	19,817	19,122	387	446	-	-	-	-	-	-	48	14	20,278	19,597	- 3	
All Italian varieties	-	-	1,753	1,452	5,275	4,546	152	5	-	-	-	-	-	-	-	-	7,180	6,003	- 16	
Cream 1/2	1,284	2,156	19,583	21,361	32,388	37,044	140	-	-	-	-	-	349	182	1,119	1,102	1,544,863	61,645	+ 13	
Neufchatel 5/	1,442	1,660	22,715	28,362	22,176	20,746	65	31	-	-	4,068	4,206	-	-	3,983	4,875	54,449	65,881	+ 21	
Blue mold	21	25	4,020	3,549	-	-	-	-	-	-	-	-	-	-	5	4	4,046	3,575	- 12	
All other varieties	1,226	1,628	7,982	7,833	11,664	11,150	1,378	1,321	-	-	6	-	-	-	747	889	8,141	7,657	- 6	
Total 6/	5,464	8,347	97,505	101,827	756,326	748,837	143,163	140,069	2,199	2,304	114,425	109,502	39,815	40,757	40,164	40,914	1,199,442	1,192,557	- 1	
Full-skin Am. type cheese	486	526	84	204	383	332	270	706	-	6	19	-	2	-	7	-	1,251	1,774	+ 42	
Cottage cheese																				
Curd	12,799	20,112	59,668	62,606	84,192	96,675	28,310	31,346	9,706	13,433	17,920	19,865	8,470	9,113	62,913	69,692	1,281,938	322,692	+ 14	
Creamed	11,781	13,023	37,990	53,374	79,779	98,544	27,808	38,811	9,386	11,162	17,738	25,206	9,115	10,839	93,464	100,919	1,287,067	351,678	+ 23	
Condensed milk:																				
Sweetened																				
Case goods																				
Skimmed	-	-	-	-	-	91	-	-	-	-	-	-	-	-	-	-	-	91	-	
Unskimmed	-	-	13,032	8,876	53,792	28,217	329	11	-	-	13,123	12,288	-	-	20,626	12,581	100,902	61,973	- 39	
Bulk goods																				
Skimmed	4,032	6,147	66,033	57,360	95,784	95,891	18,205	20,607	10,741	10,943	5,437	6,096	2,317	1,898	12,746	11,468	1,215,295	210,410	- 2	
Unskimmed	276	403	6,103	2,834	27,979	23,156	9,872	9,826	1,603	669	357	1,278	-	-	929	969	1,471,179	39,135	- 17	
Unsweetened																				
Bulk goods																				
Skimmed	12,076	16,447	94,827	96,723	194,975	199,894	76,842	84,814	38,801	48,452	49,290	48,687	6,071	5,231	64,785	62,934	1,537,668	523,182	- 3	
Unskimmed	8,766	9,416	78,813	93,903	65,399	61,696	4,523	5,660	20,057	20,948	3,601	4,430	1,588	4,867	20,104	20,804	1,202,851	221,724	+ 9	
Evaporated milk, unsweetened:																				
Case goods																				
Skimmed	-	-	-	-	21,154	23,263	458	7	-	-	-	-	-	-	-	-	-	21,612	23,270	+ 8
Unskimmed	-	-	110,729	87,627	1,247,240	1,345,354	286,713	278,703	158,369	162,532	445,739	453,325	158,009	157,814	348,981	397,120	2,755,780	2,862,475	+ 5	
Concentrated skim milk for animal feed.	-	-	3,524	2,759	3,833	5,117	6,487	3,688	-	507	-	-	-	-	29	-	13,873	12,071	- 13	
Condensed or evaporated buttermilk.	-	438	4,477	4,678	76,928	71,166	79,074	85,283	458	474	16,058	19,355	1,356	-1,582	332	494	178,383	183,470	+ 3	
Dry milk:																				
Tablet milk.	764	1,208	23,076	26,984	73,252	71,177	20,218	15,939	41	-	597	605	482	1,149	7,111	7,924	125,541	124,986	0	
Nonfat dry milk solids																				
Spray process	13,812	14,182	55,426	55,135	271,346	271,345	178,988	174,991	7,016	6,989	5,447	4,479	36,370	38,534	59,537	52,312	1,627,942	623,967	- 1	
Roller process	7,776	7,755	50,978	62,196	151,094	111,605	69,673	49,624	7,366	8,392	5,409	5,880	332	82	14,364	11,577	1,106,932	257,111	- 16	
Total nonfat for human food	21,588	21,937	106,404	117,331	422,440	388,950	248,661	224,615	14,382	15,381	10,856	10,359	36,702	38,616	73,901	63,889	1,734,924	881,078	- 6	
Skim milk for animal feed	795	840	3,241	1,467	8,511	6,812	4,179	3,793	796	440	809	471	448	494	2,465	3,256	21,244	17,573	- 17	
Buttermilk	19	-	346	618	11,277	10,501	34,482	34,047	70	80	1,517	1,567	687	914	961	941	49,359	48,668	- 1	
Cream	-	-	8	12	90	209	80	132	-	-	-	-	-	-	106	178	1,178	459	+158	
Whey	-	-	14,191	16,910	94,337	70,935	23,249	32,050	-	-	2,431	4,193	7,775	7,985	17,275	20,899	1,159,358	153,578	- 4	
Casein	1,070	1,374	4,402	5,485	3,675	2,992	4,364	4,030	-	-	180	205	351	390	4,299	4,055	18,348	16,531	+ 1	
Frozen products: 7/																				
Ice cream																				
Wholesale	33,415	33,079	125,241	122,785	114,391	112,080	54,386	53,389	59,742	61,018	62,413	63,203	14,334	14,981	44,181	45,814	1,508,103	507,549	0	
Retail	2,596	2,939	13,932	13,559	14,129	12,365	4,402	3,840	2,859	3,211	2,361	2,666	2,419	2,397	7,058	7,454	1,49,826	48,435	- 3	
Total	36,011	36,018	139,233	136,344	128,520	125,049	58,788	57,229	62,601	64,229	64,774	65,869	16,753	17,378	51,239	53,268	1,657,929	555,984	0	
Sherbet, milk	654	823	1,373	1,407	3,131	4,233	1,241	1,005	2,248	2,548	2,248	2,801	405	541	2,553	3,112	1,13,616	17,070	+ 25	
Ice milk	680	1,010	30	-	2,664	3,064	2,732	4,240	2,593	3,734	4,985	6,548	2,217	2,379	13,352	14,935	1,29,651	36,530	+ 23	
Other frozen dairy products	253	195	585	-	1,936	1,703	810	1,092	862	1,856	1,687	3,028	491	654	130	220	1,6,754	8,948	+ 32	
Water ices	1,322	1,351	4,968	4,098	3,555	3,055	1,063	937	2,055	2,851	2,031	2,510	279	358	2,822	2,333	1,18,695	18,099	- 3	
Ice cream mix	19,686	20,749	73,312	72,242	69,763	67,203	30,531	31,837	32,632	34,190	36,037	39,468	8,675	9,108	27,151	27,320	1,297,987	302,117	+ 1	
All other mix 8/	-	1,145	-	435	-	5,395	-	2,936	-	4,436	-	6,184	-	2,367	-	11,905	-	34,803	-	

1/ Revised. 2/ Includes Colby, Washed Curd, High and Low Moisture Jack, Monterey, and Granular. 3/ Comparable to data published prior to 1944 under designation of American Cheddar cheese.
 4/ Not less than 33 percent butterfat. 5/ Butterfat content ranges from 2

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Table 8 - Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950

Manufactured product	Alabama		Arizona		Arkansas		California		Colorado		Connecticut		Delaware	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery	50	1/	702	1,155	6,868	6,227	36,734	34,623	13,662	16,283	1/	1/	-	1/
Cheese:														
American														
Cheddar	2,997	2,975	-	-	11,331	12,247	680	905	955	1,740	-	-	-	-
Other varieties, whole milk 2/	-	-	-	-	-	457	3,450	3,270	129	139	1/	-	-	-
Total, whole milk 3/	2,997	2,975	-	-	11,331	12,704	4,130	4,175	1,084	1,879	1/	-	-	-
Part skim														
Swiss, including block	-	-	-	-	-	-	1/	1/	1/	1/	-	-	-	-
Munster	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brick	-	-	-	-	-	-	47	1/	-	-	-	-	-	-
Mozzarella	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties	-	-	-	-	-	-	1,101	1,088	4/193	-	1/	1/	-	-
Cream 5/	-	-	-	-	-	-	2,919	3,383	-	-	-	-	-	-
Neufchatel 6/	-	-	-	-	-	-	1/	1/	-	-	-	-	-	-
Blue mol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties	-	-	1/	1/	-	-	1,358	1,432	120	1/	-	-	-	-
Total 7/	2,997	2,975	1/	1/	11,331	12,704	8/9,573	8/10,136	4/8/1,779	8/2,042	8/280	1/	-	-
Full-skim Am. type cheese	-	-	-	-	-	-	1/	-	1/	-	-	1/	-	1/
Cottage cheese														
Curd 2/	392	203	981	785	682	823	49,294	52,819	2,969	3,241	753	2,587	1/	130
Creamed 3/	263	76	1,438	1,499	1/	316	72,217	77,399	1,767	2,204	790	1,239	-	-
Condensed milk:														
Sweetened														
Case goods														
Unskimmed	-	-	-	-	-	-	5,121	1/	-	-	-	-	-	-
Bulk goods														
Skimmed	-	1/	-	-	1/	1/	8,672	8,642	2,317	1,898	1/	-	-	1/
Unskimmed	-	-	-	-	1/	-	489	616	-	-	1/	-	-	1/
Unsweetened														
Bulk goods														
Skimmed	2,489	2,775	1/	1/	1/	1/	62,981	59,537	880	917	264	1/	-	-
Unskimmed	-	1/	-	1/	-	-	15,951	17,850	1/	1/	1/	1/	-	1/
Evaporated milk, unsweetened:														
Case goods, unskimmed	-	-	1/	1/	1/	1/	268,496	312,988	1/	1/	-	-	-	-
Concentrated skim milk for animal feed	-	-	-	-	-	-	1/	-	1/	1/	-	-	-	-
Condensed or evaporated buttermilk														
Dry milk:														
Whole milk	-	-	-	-	-	-	6,768	7,032	1/	1/	-	-	-	-
Nonfat dry milk solids														
Spray process	-	-	-	-	1/	1/	44,413	37,764	-	-	-	-	-	-
Roller process	1/	-	-	-	-	-	8,117	7,156	-	-	-	-	-	-
Total nonfat for human food	1/	-	-	-	1/	1/	52,530	44,920	-	-	-	-	-	-
Skim milk, for animal feed	-	-	-	-	1/	1/	1,156	2,143	-	-	-	-	-	-
Buttermilk	-	-	-	-	1/	1/	731	745	580	1/	-	-	-	-
Evap.	-	-	-	-	-	-	1/	1/	-	-	-	-	-	-
Caseln.	-	-	1/	1/	-	-	4,059	3,727	-	-	-	-	-	-
Frozen products 10/														
Ice cream														
Wholesale	6,111	6,358	1,364	1,510	2,521	1,952	32,301	33,403	4,813	5,105	6,442	6,388	1/	1/
Retail	4/183	191	115	96	180	227	5,215	5,366	462	366	457	445	72	88
Total	4/6,294	6,549	1,499	1,606	2,701	2,179	37,516	38,769	5,275	5,471	6,899	6,836	2,047	2,021
Sherbet, milk	185	277	55	83	43	17	2,306	2,769	84	246	76	106	1/	1/
Ice milk	4/1,138	1,322	4/518	466	4/122	213	11,003	11,787	4/398	342	4/194	303	-	-
Other frozen dairy products	-	-	1/	43	35	48	-	-	317	392	84	74	2	-
Water ices	270	293	74	91	1/	37	4/2,500	2,004	1/	39	338	281	1/	43
Ice cream mix	3,172	3,362	852	954	2,072	2,470	19,761	19,109	2,776	2,868	3,772	3,805	1,021	1,005
All other mix 11/	-	979	-	444	-	20	-	10,397	-	692	-	442	-	47

Table 5—Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950—Continued

Manufactured product	D. C.		Florida		Georgia		Idaho		Illinois		Indiana		Iowa	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery	-	-	-	1/	577	468	23,908	23,849	66,708	63,109	48,011	39,866	193,153	199,737
Cheese:														
American														
Cheddar	-	-	-	-	-	408	16,258	16,225	55,786	43,018	29,074	32,112	9,769	9,887
Other varieties, whole milk 2/	1/	-	-	-	-	-	1,733	2,117	1,350	2,142	9,816	2,266	518	490
Total, whole milk 1/	1/	-	-	-	-	408	17,991	18,342	57,136	45,160	38,910	34,378	10,287	10,477
Part skim														
Swiss, including block	1/	-	-	-	-	-	2,691	2,553	14,726	23,051	-	1/	391	507
Monster	-	-	-	-	-	-	-	-	1/	618	-	-	-	1/
Brick	-	-	-	-	-	-	-	-	1,258	1,675	-	-	1/	1/
Limburger	-	-	-	-	-	-	-	-	1,747	1,067	-	-	-	-
All Italian varieties	-	-	-	-	-	-	-	-	2,553	2,915	1/	1/	-	-
Cream 5/	-	-	-	-	-	-	-	-	941	2,462	-	-	-	-
Neufchâtel 6/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue mold	-	-	-	-	-	-	-	-	1,191	1,332	-	1/	1/	1/
All other varieties	-	-	-	-	-	-	-	-	1,743	1,398	1/	1,012	1/	1/
Total 1/	1/	-	-	-	-	408	20,682	20,695	8/81,711	8/80,556	8/39,172	8/35,919	8/10,828	8/11,312
Full skim Am. type cheese	-	-	-	-	-	-	-	-	1/	-	-	-	-	-
Cottage cheese	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Curd 2/	1/	962	886	1,568	124	336	793	825	16,049	20,004	8,654	8,485	4,886	5,131
Creamed 2/	1/	1/	862	1,177	127	278	957	1,143	12,670	18,975	7,241	8,149	4,298	4,950
Condensed milk:														
Sweetened														
Cann goods														
Unskimmed	-	-	-	-	-	-	-	-	1/	-	-	-	-	-
Bulk goods														
Skimmed	-	-	1/	1/	2,144	697	-	-	23,240	18,248	19,344	19,848	574	1/
Unskimmed	-	-	1/	1/	1/	1/	-	-	3,089	5,225	739	433	1/	1/
Unsweetened														
Bulk goods														
Skimmed	-	-	1/	1/	234	2,318	1/	1/	26,641	25,498	13,029	9,109	10,814	8,516
Unskimmed	-	-	1/	1/	-	1/	-	-	2,173	2,131	16,281	21,189	1/	1/
Evaporated milk, unsweetened:														
Cann goods, unskimmed	-	-	-	-	-	-	1/	1/	166,052	154,814	94,641	97,404	39,165	40,903
Concentrated skim milk for animal feed	-	-	-	-	-	-	-	-	1/	1/	1/	1/	4,606	2,256
Condensed or evaporated buttermilk	-	-	-	-	-	-	-	-	48,098	43,622	1/	1/	23,805	33,266
Dry milk:														
Whole milk	-	-	-	-	-	-	-	1/	1/	3,128	4,235	3,447	-	-
Nonfat dry milk solids	-	-	-	-	-	-	30,128	32,579	3,925	3,627	23,624	16,573	6,172	8,353
Spray process	-	-	-	-	-	-	24	24	9,335	7,256	16,612	15,612	7,348	6,528
Roller process	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total nonfat for human food	-	-	-	-	-	-	30,152	32,603	13,260	10,883	40,236	32,185	13,520	34,881
Skim milk, for animal feed	-	-	-	-	-	-	436	492	219	272	602	346	1,157	579
Buttermilk	-	-	-	-	-	-	105	159	752	649	822	750	7,886	8,152
Whey	-	-	-	-	-	-	6,155	5,244	7,790	4,016	8,974	4,539	1/	1/
Casein	-	-	-	-	-	-	1/	1/	697	632	-	-	587	416
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Frozen products: 10/														
Ice cream														
Wholesale	6,179	5,997	7,894	8,825	6,220	6,917	1,903	2,058	30,045	28,541	16,443	15,673	10,458	9,910
Retail	124	155	380	685	103	195	273	223	3,733	3,511	1,615	1,427	1,060	1,136
Total	6,303	6,152	8,274	9,510	6,323	7,112	2,176	2,281	33,778	32,052	18,058	17,100	11,518	11,046
Sherbet, milk	141	197	260	349	180	248	34	46	998	1,469	339	425	309	386
Ice milk	1/	-	4/423	388	4/421	1,071	483	553	4/2,091	2,385	4/92	223	4/654	812
Other frozen dairy products	289	217	59	69	227	302	6	4	5/1,108	863	314	394	213	120
Water ices	319	324	233	224	83	265	4/15	12	1,285	1,286	170	214	250	182
Ice cream mix	2,888	2,782	4,287	5,044	3,343	3,839	1,011	1,072	17,771	16,480	9,352	8,404	6,052	5,965
All other mix 11/	-	59	-	433	-	809	-	250	-	3,041	-	744	-	708

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Table 5 - Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950-Continued

Manufactured product	Kansas		Kentucky		Louisiana		Maine		Maryland		Massachusetts		Michigan	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery.....	47,490	50,614	24,844	21,940	702	523	90	169	3,548	3,425	242	261	4/61,012	58,914
Cheese:														
American														
Cheddar.....	8,720	9,538	26,354	24,910	1/	1/	-	1/	-	1/	-	-	4/21,028	21,223
Other varieties, whole milk 2/	401	258	-	-	-	-	-	-	-	-	-	-	4,541	5,319
Total, whole milk 1/	9,121	9,796	26,354	24,910	1/	1/	-	1/	-	1/	-	-	4/25,569	26,542
Kirt skin	1/	1/	-	-	-	-	-	-	-	-	-	-	-	-
Swiss, including block.....	-	-	-	-	-	-	-	-	-	1/	-	-	-	-
Monster.....	-	-	-	-	-	-	-	-	-	-	-	-	1/	-
Brick.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linsburger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties.....	-	-	-	-	-	-	1/	1/	-	-	794	993	1,368	2,047
Green 5/.....	-	-	-	-	-	1/	-	-	-	-	1,442	1,601	1/	1/
Neufchatel 6/.....	-	-	-	-	-	-	-	-	-	-	1/	1/	-	-
Blue mold.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties.....	-	-	-	-	-	-	1/	1/	-	-	-	-	1/	1/
Total 1/.....	9,127	9,956	26,354	24,910	1/	1/	1/	1/	-	1/	8/2,257	8/2,619	4/8/27,076	8/28,638
Full-cream Am. type cheese	-	1/	1/	-	-	-	-	-	-	-	-	-	-	-
Cottage cheese	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Curd 2/.....	6,524	5,867	4,718	5,475	4/2,041	1,104	1,671	2,771	4/2,855	3,894	187	457	17,645	21,330
Creamed 3/.....	2,969	6,316	3,196	7,245	5/1,387	2,165	1,929	2,988	3,684	4,668	376	260	22,393	25,283
Condensed milk:														
Sweetened														
Case goods														
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	1/	1/
Milk goods														
Skimmed.....	5,753	7,975	635	1,417	1/	1/	1/	1/	4,042	4,633	-	1/	9,852	8,476
Unskimmed.....	1/	1/	-	1/	-	-	1/	1/	1/	1/	-	-	412	1/
Unsweetened														
Milk goods														
Skimmed.....	30,287	32,085	2,395	2,523	-	1/	1/	1/	12,332	16,307	-	1/	25,719	25,183
Unskimmed.....	1/	2,220	-	-	-	-	1/	4,177	15,909	15,684	-	1/	8,141	7,108
Evaporated milk, unsweetened:														
Case goods, unskimmed.....	56,537	52,495	199,816	206,204	-	-	-	-	1/	1/	-	-	127,756	179,474
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-	1/	1/
Condensed or evaporated buttermilk.....	19,697	18,878	1/	14,574	-	-	-	-	1/	1/	-	-	1/	4,181
Dry milk:														
Whole milk.....	-	-	-	-	-	-	-	-	-	-	-	-	11,954	11,120
Nonfat dry milk solids														
Spray process.....	10,257	10,485	1/	1/	-	-	-	-	295	921	-	1/	37,526	28,168
Roller process.....	1,925	1,324	1/	1/	-	-	-	1/	1,168	8,254	-	1/	25,283	23,280
Total nonfat for human food.....	12,182	11,809	2,179	2,159	-	-	-	1/	7,463	9,175	-	1/	63,409	51,451
Skim milk for animal feed.....	-	1/	555	1/	-	-	1/	1/	139	217	1/	1/	2,118	1,140
Buttermilk.....	416	694	1/	-	-	-	-	-	-	-	-	-	3,642	3,665
Whey.....	-	-	1/	1/	-	-	-	-	-	-	-	-	1/	1/
Casein.....	-	-	1/	1/	-	-	1/	1/	-	-	-	1/	1/	1/
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Frozen products: 10/														
Ice cream														
Wholesale.....	5,245	5,596	4,065	4,818	6,637	6,710	2,800	2,578	7,928	8,084	18,270	18,240	23,788	23,746
Retail.....	1,239	685	250	348	152	207	162	211	285	406	1,401	1,580	2,404	2,190
Total.....	6,484	6,281	4,315	5,166	6,789	6,917	2,962	2,789	8,213	8,490	19,671	19,820	26,192	25,936
Sherbet, milk.....	319	173	117	182	306	448	24	31	359	550	466	559	4/793	1,244
Ice milk.....	4/110	12/971	4/63	332	4/464	541	1/	61	1/	1/	4/375	513	-	-
Other frozen dairy products.....	4/96	198	62	75	70	161	1/	55	11	18	51	38	-	-
Water ices.....	95	130	116	108	180	285	142	133	617	414	686	818	705	765
Ice cream mix.....	3,601	4,068	2,520	3,214	3,270	3,453	1,443	1,825	4,599	4,737	10,581	11,446	14,260	14,309
All other mix 11/.....	-	162	-	251	-	353	-	37	-	263	-	767	-	269

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Table 5 - Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950-Continued

Manufactured product	Minnesota		Mississippi		Missouri		Montana		Nebraska		Nevada	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
Butter, creamery	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery	252,621	251,389	4,025	4,119	71,248	66,329	7,948	8,073	73,607	76,557	919	623
Cheese:												
American												
Cheddar	54,309	45,597	11,625	11,799	64,108	63,736	2,890	2,948	1,336	843	1/	1/
Other varieties, whole milk 2/	-	-	-	-	6	-	-	-	47	198	-	-
Total, whole milk 1/	54,309	45,597	11,625	11,799	64,114	63,736	2,890	2,948	1,383	1,041	1/	1/
Part skim	-	-	-	-	1/	-	-	-	-	-	-	-
Swiss, including block	1/	4,950	-	-	-	-	-	-	-	-	-	-
Munster	-	-	-	-	-	-	-	-	-	-	-	-
Brick	380	443	-	-	-	-	-	-	-	-	-	-
Limburger	1/	1/	-	-	-	-	-	-	-	-	-	-
All Italian varieties	1/	-	-	-	-	-	-	-	-	-	-	-
Green 5/	1/	-	-	-	1/	1/	-	-	1/	-	-	-
Neufchâtel 6/	-	-	-	-	-	-	-	-	-	-	-	-
Blue mold	1,244	1,149	-	-	-	-	-	-	-	-	-	-
All other varieties	114	185	1/	1/	-	-	-	-	-	-	-	-
Total 1/	8/56,457	8/52,329	8/11,627	8/11,667	8/64,203	8/63,767	2,890	2,948	8/1,385	1,041	1/	1/
Full-skin Am. type cheese	1/	1/	-	-	1/	1/	-	-	-	-	-	-
Cottage cheese												
Curd 2/	6,390	6,857	1/	1/	7,768	9,913	852	958	2,361	3,099	52	60
Creamed 2/	8,241	8,489	1/	34	8,261	14,743	1,049	1,188	3,344	3,588	111	111
Condensed milk:												
Sweetened												
Case goods												
Unskimmed	-	-	1/	1/	1/	1/	-	-	1/	-	-	-
Bulk goods												
Skimmed	8,158	7,042	1/	1/	1,538	2,522	-	-	1,314	2,102	-	-
Unskimmed	9,465	1/	-	-	206	139	-	-	1/	1/	-	-
Unsweetened												
Bulk goods												
Skimmed	9,036	11,531	6,420	1/	25,296	26,633	-	-	1,409	6,049	-	-
Unskimmed	-	-	1/	1/	2,606	3,395	-	-	1/	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed	1/	1/	54,842	58,706	163,396	161,412	-	-	-	-	-	-
Concentrated skim milk for animal feed	-	-	-	-	1/	1/	-	-	-	-	-	-
Condensed or evaporated buttermilk	5,917	8,329	-	-	11,793	8,908	-	-	13,137	10,528	-	-
Dry milk:												
Whole milk	20,072	15,904	-	-	1/	1/	-	-	-	-	-	-
Nonfat dry milk solids												
Spray process	127,775	123,023	-	-	31,037	28,392	-	-	1/	1/	-	-
Roller process	51,215	37,451	2,772	2,789	6,940	4,093	-	-	-	-	1/	1/
Total nonfat for human food	180,990	160,474	2,772	2,789	37,977	32,485	-	-	1/	1/	1/	1/
Skim milk for animal feed	2,381	2,280	1/	1/	534	1/	-	-	1/	1/	1/	1/
Buttermilk	19,646	18,961	148	207	1,485	1,057	-	-	1,881	1,920	1/	-
Whey	16,439	23,927	-	-	4,782	7,998	-	-	-	1/	-	-
Casein	3,777	3,614	-	-	-	-	-	-	-	-	-	-
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Frozen products: 10/												
Ice cream												
Wholesale	13,298	12,695	3,210	3,190	15,135	15,484	2,025	1,949	5,714	5,581	679	651
Retail	4,712	461	256	393	604	757	4,868	802	498	474	44	46
Total	1/14,010	13,156	3,466	3,583	15,739	16,241	1/2,893	2,751	6,212	6,055	723	697
Sherbet, milk	174	266	215	188	362	501	31	38	176	173	33	47
Ice milk	1/368	644	426	911	1/778	1,033	-	-	425	595	1/150	198
Other frozen dairy products	179	150	56	67	1/178	384	-	-	99	153	-	-
Water ices	1/250	220	135	178	305	296	1/5	4	51	36	1/	20
Ice cream mix	7,373	7,276	1,955	2,085	1/7,930	9,070	1,418	1,461	3,169	3,391	357	350
All other mix 11/	-	427	-	302	-	1,036	-	26	-	416	-	89

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Table 6—Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950—Continued

Manufactured product	New Hampshire		New Jersey		New Mexico		New York		North Carolina		North Dakota	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery	-	1/	78	131	1,107	1,076	29,448	27,078	2,719	2,482	43,372	44,534
Cheese:												
American												
Cheddar	-	-	1/	1/	-	-	33,694	31,618	1/	1/	-	-
Other varieties, whole milk 2/	-	-	-	-	1/	1/	5,660	5,403	-	-	-	-
Total, whole milk 1/	-	-	1/	1/	1/	1/	39,354	37,021	1/	1/	-	-
Part skim												
Swiss, including block	-	-	-	-	-	-	1/	1/	-	-	-	-
Munster	-	-	-	-	-	-	-	15	-	-	-	-
Brick	-	-	-	-	-	-	26	15	-	-	-	-
Limbarger	-	-	-	-	-	-	1,753	1,452	-	-	-	-
All Italian	-	-	1,296	1,425	-	-	16,553	18,349	-	-	-	-
Cream 2/	-	-	1/	1/	-	-	18,813	22,706	-	-	-	-
Neufchatel 6/	-	-	1/	1/	-	-	791	754	-	-	-	-
Blue mold	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties	-	-	-	-	-	-	7,089	7,109	-	-	-	-
Total 1/	-	-	8/1,689	8/1,808	1/	1/	8/84,535	8/87,582	1/	1/	-	-
Full skin Am. type cheese	-	-	-	1/	-	-	84	182	-	-	-	-
Cottage cheese												
Quid 9/	49	171	329	447	187	567	42,782	45,047	1,158	1,889	1/	183
Creamed 9/	1/	100	1,891	2,552	1/	733	27,628	35,585	572	654	1/	146
Condensed milk:												
Sweetened												
Case goods												
Unskimmed	-	-	-	-	-	-	13,032	8,876	-	-	-	-
Bulk goods												
Skimmed	-	1/	-	1/	-	-	26,504	27,758	-	-	1/	1/
Unskimmed	-	-	-	-	-	-	4,264	1,114	-	1/	-	-
Unsweetened												
Bulk goods												
Skimmed	-	-	1/	1/	1/	1/	68,889	68,084	1,666	1,420	-	-
Unskimmed	-	-	-	-	-	-	57,636	65,330	1/	613	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed	-	-	-	-	-	-	66,638	1/	1/	1/	-	-
Concentrated skim milk for animal feed	-	-	-	-	-	-	-	1/	-	-	1/	1/
Condensed or evaporated buttermilk	-	-	-	-	1/	1/	1/	1/	-	-	1/	1/
Dry milk:												
Whole milk	-	-	-	-	-	-	21,635	26,984	-	-	-	-
Nonfat dry milk solids												
Spray process	-	-	-	-	-	-	47,640	46,674	-	-	-	-
Roller process	-	-	1/	1/	-	-	44,406	53,062	-	-	1/	1/
Total nonfat for human food	-	-	1/	1/	-	-	92,046	99,736	-	-	1/	1/
Skim milk for animal feed	-	-	-	-	-	-	2,072	770	-	-	-	-
Buttermilk	-	-	-	-	-	-	346	618	-	-	2,406	2,455
Whey	-	-	-	-	-	-	14,191	16,910	-	-	-	-
Casain	-	-	-	-	-	-	4,188	5,272	-	-	-	-
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Frozen products: 10/												
Ice cream												
Wholesale	1,007	1,027	4/9,570	10,534	963	1,025	52,557	51,416	12,479	13,372	2,071	1,815
Retail	202	245	970	1,156	10	92	7,757	8,833	4/980	755	140	133
Total	1,209	1,272	4/10,540	11,690	973	1,117	60,314	58,249	4/13,459	14,127	2,211	1,948
Sherbet, milk	18	44	127	156	35	55	764	843	284	220	28	37
Ice milk	-	1/	-	-	4/220	242	-	-	1,312	1,608	1/57	101
Other frozen dairy products	1/	1/	43	-	63	101	-	-	82	776	1/	25
Water ices	15	4	4/386	350	58	67	3,297	2,434	4/750	893	13	52
Ice cream mix	349	525	4/5,322	5,939	595	622	32,133	31,250	7,068	7,435	1,150	818
All other mix 11/	-	-	-	144	-	257	-	-	-	1,800	-	1/

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Table 5- Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950 -Continued

Manufactured product	Ohio		Oklahoma		Oregon		Pennsylvania		Rhode Island		South Carolina	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
Butter, creamery	66,865	60,993	30,241	32,856	17,889	17,500	13,098	12,593	-	-	226	177
Cheese:												
American												
Cheddar	18,736	16,516	10,741	8,659	23,746	23,607	834	609	-	-	-	-
Other varieties, whole milk 2/	7,644	8,319	-	-	518	710	444	408	-	-	-	-
Total, whole milk 3/	26,380	24,835	10,741	8,659	24,264	24,317	1,278	1,017	-	-	-	-
Part skim	1/	1/	-	-	-	-	-	-	-	-	-	-
Swiss, including block	7,754	8,293	-	-	1/	58	1/	1/	-	-	-	-
Munster	-	-	-	-	-	-	1/	1/	-	-	-	-
Brick	1/	25	-	-	-	-	-	-	-	-	-	-
Limburger	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties	651	602	-	-	-	-	1,734	1,587	-	-	1/	-
Cream 5/	1/	1/	1/	1/	-	-	3,644	5,332	-	-	-	-
Neufchatel 6/	-	-	-	-	-	-	3,119	2,758	-	-	-	-
Blue mold	-	-	-	-	1/	1/	1/	1/	-	-	-	-
All other varieties	2,951	1/	-	-	1/	1/	893	724	-	-	-	-
Total 7/	8/44,387	8/45,773	8/11,597	8/9,756	8/24,691	8/24,890	8/11,341	8/12,437	-	1/	-	-
Full-skim Am. type cheese	1/	325	-	-	-	-	-	-	-	-	-	-
Cottage cheese												
Curd 2/	23,482	26,086	4,488	4,391	3,473	3,620	16,557	17,112	1/	-	-	1/ 55
Creamed 2/	25,815	30,177	5,043	5,725	4,947	5,771	8,477	15,237	-	-	-	-
Condensed milk:												
Sweetened												
Case goods	-	-	-	-	1/	1/	-	-	-	-	-	-
Unskimmed	-	-	-	-	1/	1/	-	-	-	-	-	-
Bulk goods												
Skimmed	19,988	16,830	783	395	1/	1/	39,529	29,418	-	-	-	-
Unskimmed	5,930	5,375	729	1,055	1/	1/	1,899	1,720	-	-	-	-
Unsweetened												
Bulk goods												
Skimmed	25,109	26,076	4,790	4,736	1/	1/	25,853	28,386	-	-	-	-
Unskimmed	11,597	13,653	2,463	3,368	-	-	21,177	28,573	-	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed	280,213	282,318	1/	-	1/	1/	44,091	54,328	-	-	1/	1/
Concentrated skim milk for animal feed	-	-	-	-	-	-	3,524	2,747	-	-	-	-
Condensed or evaporated buttermilk	21,567	20,740	3,160	3,760	-	1/	3,495	3,459	-	-	-	-
Dry milk:												
Whole milk	9,651	13,622	1/	1/	1/	1/	1/	-	-	-	-	-
Nonfat dry milk solids												
Spray process	31,025	26,639	1/	1,020	6,977	7,950	4/7,786	8,461	-	-	-	-
Roller process	14,329	10,940	1/	1,917	69	239	4/6,362	6,782	-	-	-	-
Total nonfat for human food	45,354	36,679	2,638	2,937	7,046	8,189	4/14,148	17,243	-	-	-	-
Skim milk for animal feed	914	736	1/	-	713	576	1,169	697	-	-	-	-
Buttermilk	1,803	2,043	1,012	1,113	1/	1/	-	-	-	-	-	-
Whey	-	692	1/	1,722	1/	1/	-	-	-	-	-	-
Cassia	1/	-	1/	1/	1/	-	1/	1/	-	-	-	-
Frozen products: 10/	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Ice cream												
Wholesale	30,572	30,459	5,866	5,644	5,577	5,549	4/63,114	60,835	3,657	3,664	2,236	2,452
Retail	1,250	3,357	178	475	726	1,028	5,265	5,570	318	373	70	152
Total	33,822	33,816	6,044	6,119	6,303	6,577	4/68,379	66,405	3,975	4,037	2,306	2,604
Sherbet, milk	829	854	303	255	126	152	482	408	54	60	68	55
Ice milk	4/681	1,076	4/640	716	1,295	1,534	30	-	4/65	106	4/155	268
Other frozen dairy products	514	446	154	290	33	95	542	-	1/	1/	1/	1/
Water ices	940	1,024	120	93	82	94	1,285	1,314	117	105	102	158
Ice cream mix	18,433	18,159	3,095	3,107	3,371	3,534	35,857	35,053	1,903	2,201	1,124	1,136
All other mix 11/	-	1,341	-	708	-	424	-	291	-	113	-	99

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Table 5 - Manufactured dairy products: Quantities made, by specified items, by States, 1949 and 1950 - Continued

Manufactured product	South Dakota		Tennessee		Texas		Utah		Vermont		Virginia	
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Butter, creamery	31,483	32,429	13,839	12,549	13,618	12,559	5,515	5,834	1,581	2,145	7,901	7,778
Cheese:												
American												
Cheddar	1,464	1,664	41,333	38,826	5,758	5,079	6,437	6,901	780	2,279	1/	1/
Other varieties, whole milk 2/	-	-	-	-	-	-	-	-	691	537	-	-
Total, whole milk 2/	1,464	1,664	41,333	38,826	5,758	5,079	6,437	6,901	1,471	2,816	1/	1/
Part skim												
Swiss, including block	-	-	-	1/	-	1/	1/	1/	-	-	-	-
Minster	-	-	-	-	-	-	-	-	-	-	-	-
Brick	-	-	-	-	-	-	-	-	-	-	-	-
Limburger	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties	-	-	-	-	-	-	1/	1/	1/	1/	-	-
Cream 5/	-	-	1/	1/	-	-	-	-	-	1/	-	-
Kaufshatel 6/	-	-	-	-	-	-	-	-	-	-	-	-
Blue mold	-	-	-	-	1/	-	-	-	-	-	-	-
All other varieties	-	-	-	-	-	-	-	-	1,178	1,588	-	-
Total 1/	1,464	1,664	8/44,545	8/41,987	8/5,778	8/5,093	8/11,342	8/12,246	8/2,705	8/5,109	1/	1/
Full-skin Am. type cheese	1/	1/	1/	-	-	-	-	-	486	522	-	-
Cottage cheese												
Card 2/	247	296	1,726	2,065	3,855	5,602	2,395	2,476	10,046	14,126	1,727	2,133
Creamed 2/	501	579	2,087	2,744	5,368	6,901	3,443	3,563	8,660	8,336	866	478
Condensed milk:												
Sweetened												
Case goods												
Unskimmed	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods												
Skimmed	1/	1/	1/	1/	1,672	1,077	-	-	1,976	2,815	4,378	5,561
Unskimmed	1/	1/	1/	1/	1/	1/	-	-	1/	1/	1/	1/
Unsweetened												
Bulk goods												
Skimmed	-	-	4/15,875	16,930	16,997	15,105	2,152	1,474	8,068	6,492	24,098	24,260
Unskimmed	-	-	-	1/	1/	1/	-	-	1/	2,481	1/	1/
Evaporated milk, unsweetened:												
Case goods, unskimmed	-	-	128,829	129,963	28,439	28,433	61,680	59,958	-	-	1/	1/
Concentrated skim milk for animal feed	-	-	-	-	-	-	-	-	-	-	-	-
Condensed or evaporated buttermilk	3,070	3,610	1/	1/	1/	1/	-	-	-	1/	-	-
Dry milk:												
Whole milk	-	-	1/	1/	-	-	1/	1/	1/	1/	1/	-
Nonfat dry milk solids												
Spray process	-	-	1/	1/	1/	1/	5,177	4,887	13,812	13,936	6,221	5,501
Roller process	-	-	1/	1/	1/	1/	-	-	7,227	6,916	198	138
Total nonfat for human food	-	-	1/	1/	1/	1/	5,177	4,887	21,039	20,852	6,419	5,639
Skim milk for animal feed	-	-	-	-	96	1/	-	-	404	1/	657	223
Buttermilk	762	808	-	-	174	140	-	-	1/	-	-	-
Whey	-	-	-	-	-	-	1/	1/	-	-	-	-
Casein	-	-	-	-	-	-	1/	1/	1,045	1,326	-	-
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Frozen products: 10/												
Ice cream												
Wholesale	2,465	2,304	11,633	11,570	4/22,370	22,961	2,041	1,966	1,239	1,182	9,214	9,050
Retail	140	192	527	499	435	526	539	566	56	72	539	485
Total	2,614	2,496	12,160	12,069	4/22,805	23,487	2,580	2,532	1,295	1,254	9,753	9,535
Sherbet, milk	69	69	292	348	865	1,086	76	76	16	23	296	573
Ice milk	4/40	84	4/818	1,051	4/1,314	1,482	4/448	578	1/	24	-	-
Other frozen dairy products	42	52	138	175	1/1,172	2,212	63	294	1/	-	36	161
Water ices	39	21	368	418	817	1,098	115	124	24	24	4/300	281
Ice cream mix	1,250	1,249	6,774	6,774	4/13,179	15,003	1,374	1,374	1,638	947	6,006	5,925
All other mix 11/	-	72	-	561	-	3,010	-	620	-	86	-	487

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Table 8—Manufactured dairy products: Quantities made, by specified items, by States 1949 and 1950—Continued

Manufactured product	Washington		West Virginia		Wisconsin		Wyoming		U. S. total 13/		Percent change from 1949 to 1950
	1949	1950	1949	1950	1949	1950	1949	1950	1949	1950	
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	
Butter, creamery	20,708	19,141	1,536	1,768	168,214	161,644	2,002	2,394	1,412,111	1,386,290	- 2
Cheese:											
American											
Cheddar	3,935	3,701	1/	1/	417,647	405,103	1/	1/	685,302	647,001	- 4
Other varieties, whole milk 2/	112	116	-	-	12,456	13,186	-	-	49,904	45,328	+ 4
Total, whole milk 3/	4,047	3,817	1/	1/	430,103	418,289	1/	1/	735,206	692,329	- 5
Part skis	-	-	-	-	-	-	-	-	799	2,319	+202
Swiss, including block	1/	1/	-	-	48,271	52,260	1/	1/	81,043	99,483	+23
Munster	-	-	-	-	9,613	9,655	-	-	10,098	10,551	+ 4
Brick	1/	1/	-	-	18,347	17,422	-	-	20,278	19,597	- 3
Limburger	-	-	-	-	3,528	3,475	-	-	7,150	6,003	-16
All Italian varieties	1/	1/	-	-	27,771	31,334	-	-	54,803	61,845	+13
Cream 5/	1/	1/	-	-	14,796	15,677	-	-	54,449	65,681	+21
Manufactured 6/	-	-	-	-	-	-	-	-	4,046	3,375	-12
Blue mold	1/	1/	-	-	4,770	3,961	-	-	8,141	7,657	- 6
All other varieties	395	173	-	-	6,741	5,674	-	1/	23,369	22,714	- 3
Total 7/	8/5,920	8/5,862	1/	1/	503,960	557,951	8/2,286	8/2,124	1,199,442	1,192,557	- 1
Full skin Am. type cheese	-	-	-	-	-	-	-	-	1,251	1,774	+42
Cottage cheese											
Curd 9/	10,146	13,253	2,560	2,536	16,322	20,770	241	201	283,938	322,692	+14
Creamed 9/	16,360	17,749	2,848	2,537	11,660	15,360	125	198	287,067	351,678	+23
Condensed milk:											
Sweetened											
Case goods	-	-	-	-	23,103	1/	-	-	100,902	61,973	-39
Bulk goods	-	-	-	-	-	-	-	-	-	-	-
Skimmed	3,044	1,924	1/	1/	23,360	32,489	-	-	215,295	210,410	- 2
Unskimmed	248	1/	1/	-	17,609	11,665	-	-	47,179	39,135	-17
Unsweetened											
Bulk goods	1,802	3,079	1/	1/	104,477	74,028	-	-	537,668	521,182	- 3
Skimmed	4,153	2,954	1/	1/	27,207	17,615	-	-	202,851	221,724	+ 9
Unskimmed	-	-	-	-	-	-	-	-	-	-	-
Evaporated milk, unsweetened:											
Case goods, unskimmed	66,551	71,370	1/	1/	578,575	631,344	-	-	2,755,750	2,882,475	+ 5
Concentrated skim milk for animal feed	1/	-	-	1/	1/	-	-	-	13,673	12,071	-13
Condensed or evaporated buttermilk	1/	1/	1/	1/	-	-	-	-	178,363	183,470	+ 3
Dry milk:											
Whole milk	1/	1/	-	-	45,648	39,860	-	-	125,541	124,386	0
Nonfat dry milk solids											
Spray process	8,147	6,598	1/	1/	175,246	202,338	1/	1/	627,942	623,967	- 1
Roller process	4,178	4,182	-	-	24,935	56,814	-	-	306,992	257,111	-16
Total nonfat for human food	14,325	10,780	1/	1/	260,131	257,152	1/	1/	934,934	881,078	- 6
Skim milk, for animal feed	596	537	-	-	4,658	4,318	-	-	21,244	17,573	-17
Buttermilk	1/	1/	1/	1/	4,256	3,394	-	-	49,359	48,068	- 1
Whey	1/	1/	-	-	75,216	60,523	1/	1/	159,356	153,578	- 4
Casein	1/	1/	-	-	2,954	2,354	-	-	15,348	16,531	+ 1
Frozen products: 10/	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	
Ice cream											
Wholesale	6,363	6,862	5,617	4,988	13,543	14,261	326	717	505,103	507,549	0
Retail	1,687	1,640	313	290	1,167	1,424	108	206	49,826	48,435	- 1
Total	7,990	7,902	5,933	5,278	16,690	16,145	634	923	557,929	555,984	0
Sherbet, milk	121	191	304	296	172	241	1/57	50	13,616	17,070	+25
Ice milk	1/1,252	1,614	1/250	360	-	-	-	-	29,651	36,530	+23
Other frozen dairy products	97	125	87	307	-	-	1/	20	6,754	6,948	+32
Water ices	240	235	1/250	249	455	366	1/	1	18,695	18,099	- 3
Ice cream mix	4,019	4,677	2,496	2,287	9,947	9,451	1/262	407	297,987	302,117	+ 1
All other mix 11/	-	1,043	-	459	-	-	-	29	-	34,803	-

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/ Revised.
 5/ Not less than 33 percent butterfat.
 6/ Butterfat content ranging from 20 to 32 percent, inclusive.
 7/ Excluding full-skin American and cottage cheese.
 8/ 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.
 9/ Cottage cheese curd includes cottage, pot, and Baker's 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.
 10/ The production for frozen products includes that made by all types of plants for both wholesale and retail.
 11/ Not available for previous years.
 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/ U. S. totals for all products include production for some States not shown separately in this table except ice cream for retail, total ice cream, and ice cream mix.

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Table 9- Butter, creamery: Production, by States, by months, 1950

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Maine.....	6	5	3	7	8	18	28	31	24	19	11	7	8	169
Vermont.....	15	144	83	328	429	448	464	79	15	76	32	23	24	2,145
Massachusetts.....	6	23	15	24	20	20	33	25	24	27	17	19	14	261
New England 1/.....	30	172	101	359	457	487	527	136	64	123	60	49	46	2,581
New York.....	128	2,570	2,089	4,204	5,035	4,510	3,737	1,552	873	864	725	516	403	27,078
New Jersey.....	7	14	15	16	7	23	15	9	10	5	5	5	7	131
Pennsylvania.....	79	785	812	981	977	1,539	1,986	1,337	1,232	1,029	977	612	526	12,593
Middle Atlantic.....	214	3,369	2,716	5,201	6,019	6,072	5,738	2,898	2,115	1,896	1,707	1,133	936	39,802
Ohio.....	117	4,083	3,419	4,458	4,565	6,846	7,575	6,646	6,124	5,553	5,382	3,596	2,746	69,993
Indiana.....	65	2,884	2,625	3,225	3,598	4,845	4,713	3,680	3,564	3,211	3,032	2,449	2,040	39,866
Illinois.....	96	4,452	3,988	5,197	5,383	6,973	7,252	6,744	6,381	5,081	4,756	3,594	3,308	63,109
Michigan.....	137	4,550	4,025	5,244	5,439	6,524	7,135	5,979	5,151	4,460	4,114	3,167	3,126	58,914
Wisconsin.....	291	13,905	12,454	16,181	17,186	19,192	20,051	16,850	12,792	9,895	8,458	7,297	8,318	161,644
East North Central.....	706	28,974	26,511	34,285	36,131	44,380	46,726	39,909	34,012	28,200	25,739	20,103	19,556	364,526
Minnesota.....	669	21,409	22,086	26,648	25,831	28,195	29,631	24,135	17,794	13,237	12,761	13,089	16,573	251,389
Iowa.....	379	14,493	14,245	16,930	16,852	21,166	21,834	20,576	18,430	15,225	14,131	12,707	13,148	199,737
Missouri.....	61	4,318	3,787	4,285	5,194	7,449	8,873	8,245	6,799	6,533	5,439	3,436	2,971	66,329
North Dakota.....	103	2,060	2,715	3,332	3,624	4,380	6,047	6,250	5,097	3,810	2,819	2,077	2,323	44,534
South Dakota.....	96	1,936	2,161	2,621	2,738	3,345	4,153	3,916	3,406	2,591	2,031	1,726	1,805	32,429
Nebraska.....	95	4,799	4,952	5,940	6,822	8,376	8,999	8,609	7,775	6,183	4,907	4,443	4,752	76,557
Kansas.....	63	3,661	3,631	4,199	4,233	5,484	5,470	5,236	5,035	3,895	3,294	3,254	3,222	50,614
West North Central.....	1,466	52,676	53,577	63,955	65,294	78,395	84,007	76,967	64,336	51,474	45,382	40,732	44,794	721,589
Maryland.....	7	197	169	204	223	373	411	392	381	346	319	239	171	3,425
Virginia.....	43	368	315	332	513	944	994	932	944	812	730	526	368	7,778
West Virginia.....	2/	91	78	85	90	188	260	217	216	180	173	117	73	1,768
North Carolina.....	14	74	105	95	205	259	213	190	407	416	170	212	136	2,482
South Carolina.....	2/	12	13	15	17	18	19	19	13	16	12	10	9	177
Georgia.....	8	49	60	66	49	27	25	43	32	20	25	41	31	468
South Atlantic 1/.....	82	792	741	798	1,098	1,809	1,922	1,794	2,001	1,791	1,430	1,146	788	16,110
Kentucky.....	24	1,112	1,084	1,130	1,398	2,236	2,448	2,611	3,063	2,396	2,106	1,415	941	21,940
Tennessee.....	24	660	640	718	7,023	1,495	1,259	1,370	1,752	1,252	1,048	761	571	12,549
Mississippi.....	9	269	296	320	475	503	506	448	499	242	220	149	192	4,119
Arkansas.....	11	347	318	331	445	758	780	795	785	659	464	295	250	6,227
Louisiana.....	2/	48	42	46	59	52	63	55	47	41	32	12	26	523
Oklahoma.....	47	2,041	2,167	2,515	2,570	3,933	3,857	3,764	3,748	2,716	2,021	1,770	1,654	32,856
Texas.....	61	1,075	1,047	1,083	1,257	1,601	1,295	1,240	1,098	861	755	683	564	12,559
South Central 1/.....	182	5,565	5,606	6,158	7,338	10,591	10,222	10,296	11,004	8,179	6,659	5,100	4,213	90,931
Montana.....	65	512	495	582	607	856	1,043	981	844	700	578	436	439	8,073
Idaho.....	37	1,734	1,681	1,968	2,059	2,432	2,555	2,424	2,206	1,849	1,756	1,629	1,550	23,849
Wyoming.....	21	168	152	183	193	225	273	253	220	198	190	166	173	2,394
Colorado.....	47	1,043	1,048	1,241	1,371	1,633	1,872	1,765	1,650	1,300	1,148	1,025	1,187	16,283
New Mexico.....	6	78	77	88	89	110	110	130	119	85	73	57	60	1,076
Arizona.....	2/	68	90	145	120	133	122	108	78	51	46	87	107	1,155
Utah.....	17	485	414	490	480	609	609	561	480	434	403	391	418	5,834
Nevada.....	5	77	73	83	64	84	78	79	75	59	55	49	47	823
Mountain.....	201	4,165	4,030	4,780	4,983	6,082	6,722	6,301	5,672	4,676	4,249	3,840	3,987	59,487
Washington.....	75	1,320	1,094	1,306	1,793	2,525	2,707	2,331	1,743	1,392	1,215	899	816	19,141
Oregon.....	56	1,140	1,142	1,406	1,599	2,190	2,265	1,891	1,546	1,225	1,200	1,002	894	17,500
California.....	47	3,168	2,958	3,594	3,930	4,644	4,245	3,518	2,293	1,756	1,610	1,551	1,856	34,623
Pacific.....	178	5,628	4,694	6,306	7,322	9,359	9,217	7,740	5,582	4,373	4,025	3,452	3,566	71,264
UNITED STATES.....	3,059	101,341	97,976	121,842	128,642	157,175	165,081	146,041	124,780	100,714	89,251	75,555	77,886	1,385,290

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.

Table 10- Cheese, Cheddar, made from whole milk: Production, by States, by months, 1950

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Vermont.....	2/	-	-	274	417	569	592	427	-	-	-	-	-	2,279
New England 1/.....	4	-	-	274	417	569	592	427	-	-	1	-	1	2,281
New York.....	88	786	971	2,409	4,343	7,197	8,446	4,132	1,509	811	663	171	180	31,618
Pennsylvania.....	7	22	36	42	64	108	116	68	49	36	28	22	18	609
Middle Atlantic 1/.....	96	810	1,009	2,451	4,407	7,311	8,574	4,200	1,558	847	691	193	198	32,249
Ohio.....	14	881	986	1,015	1,409	2,448	2,646	1,914	1,422	1,204	1,231	796	564	16,516
Indiana.....	25	1,764	1,920	2,105	2,512	3,902	3,964	3,816	3,621	2,918	2,345	1,799	1,446	32,112
Illinois.....	77	3,015	2,995	3,543	3,679	5,044	5,302	5,065	4,158	3,210	2,738	2,241	2,028	43,018
Michigan.....	28	1,138	1,188	1,712	1,893	2,265	2,869	2,529	2,191	1,765	1,562	1,060	1,111	21,223
Wisconsin.....	951	27,442	27,020	34,889	38,667	44,548	51,149	44,896	36,962	29,379	25,429	21,574	23,148	405,103
East North Central.....	1,095	34,240	34,109	43,264	48,160	58,207	65,930	58,220	48,354	38,476	33,245	27,470	28,297	517,972
Minnesota.....	44	4,226	4,110	5,081	4,939	5,112	5,309	4,191	3,254	2,019	1,839	2,284	3,233	45,597
Iowa.....	24	773	776	958	1,025	1,180	1,132	948	833	611	527	502	622	9,887
Missouri.....	46	3,195	2,843	3,614	4,723	7,438	7,629	8,305	7,941	6,667	5,239	3,410	2,772	63,736
South Dakota.....	2/	190	144	173	167	174	178	153	142	89	91	81	122	1,864
Nebr.-Ka.....	2/	33	41	62	90	115	113	106	103	85	34	6	35	843
Kans.....	19	466	621	670	827	1,114	1,027	1,091	1,102	781	608	606	625	9,538
West North Central.....	140	8,803	8,535	10,576	11,771	15,133	15,388	14,794	13,375	10,252	8,338	6,889	7,409	131,265
Georgia.....	5	-	-	-	12	35	53	72	70	45	41	34	46	408
South Atlantic 1/.....	13	66	48	72	97	227	324	355	317	257	236	169	122	2,290
Kentucky.....	21	752	934	1,208	2,040	3,189	3,186	3,263	3,475	2,566	2,192	1,398	707	24,910
Tennessee.....	28	1,674	1,793	2,343	3,592	5,323	4,807	4,862	4,962	3,644	2,727	1,737	1,362	38,826
Alabama.....	7	98	158	198	354	443	380	377	345	233	167	118	104	2,975
Mississippi.....	14	458	560	718	1,164	1,680	1,528	1,502	1,474	1,017	733	548	417	11,799
Arkansas.....	11	550	526	706	1,065	1,600	1,622	1,650	1,472	1,239	900	500	417	12,247
Oklahoma.....	12	549	478	690	933	1,271	1,153	1,065	1,013	627	333	277	270	8,659
Texas.....	12	329	337	441	580	673	632	516	464	393	271	215	198	5,079
South Central 1/.....	107	4,425	4,803	6,316	9,756	14,194	13,320	13,287	13,209	9,750	7,338	4,801	3,490	104,689
Montana.....	7	133	125	269	258	361	409	398	308	257	206	113	111	2,948
Idaho.....	18	1,082	990	1,159	1,419	1,797	1,807	1,740	1,530	1,346	1,228	1,050	1,077	16,225
Colorado.....	6	94	201	262	311	305	228	196	51	10	9	8	65	1,740
Utah.....	22	481	460	545	595	695	755	725	648	554	515	460	468	6,901
Mountain 1/.....	57	1,796	1,781	2,249	2,609	3,193	3,232	3,088	2,561	2,184	1,974	1,642	1,732	28,042
Washington.....	7	207	223	282	296	504	531	475	350	259	253	163	158	3,701
Oregon.....	31	659	816	1,535	2,691	3,626	3,506	3,137	2,522	1,901	1,532	1,030	672	23,607
California.....	7	78	82	104	119	179	158	96	15	2	4	26	42	905
Pacific.....	45	944	1,121	1,921	3,106	4,309	4,195	3,708	2,887	2,162	1,769	1,219	872	28,213
UNITED STATES.....	1,557	51,084	51,406	67,125	80,323	103,144	111,555	98,079	82,261	63,928	53,592	42,383	42,121	847,001

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.

Table 11- Cheese, total American, made from whole milk: Production, by States, by month, 1950 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Vermont.....	5	20	13	299	559	716	746	467	11	12	12	10	11	2,876
New England 2/.....	6	20	13	299	559	716	746	467	11	12	12	10	12	2,876
New York.....	101	1,033	1,171	2,874	4,988	8,044	9,469	4,799	1,775	1,165	1,023	342	338	37,021
Pennsylvania.....	9	40	54	68	96	157	176	125	94	72	57	43	35	1,917
Middle Atlantic 2/.....	111	1,075	1,227	2,942	5,084	8,207	9,657	4,924	1,869	1,237	1,080	385	373	38,060
Ohio.....	18	1,554	1,498	1,670	1,996	3,511	3,527	2,752	2,166	1,956	1,910	1,366	1,109	24,835
Indiana.....	27	1,504	2,054	2,269	2,692	4,120	4,192	4,046	3,830	3,099	2,536	2,011	1,645	34,398
Illinois.....	78	3,206	3,234	3,809	3,936	5,292	5,285	5,257	4,359	3,301	2,685	2,368	2,188	45,360
Michigan.....	40	1,474	1,510	2,115	2,301	2,325	3,610	3,144	2,734	2,240	1,897	1,337	1,355	26,542
Wisconsin.....	961	28,695	28,196	36,083	39,771	45,655	52,427	46,031	38,024	30,323	26,410	22,449	24,825	418,889
East North Central.....	1,124	36,833	36,492	45,946	50,696	61,223	69,281	61,230	51,113	40,919	35,638	29,531	30,424	549,424
Minnesota.....	44	4,226	4,110	5,081	4,939	5,112	5,309	4,191	3,254	2,019	1,839	2,284	3,233	45,597
Iowa.....	27	813	810	994	1,057	1,224	1,177	1,000	875	662	607	567	691	10,477
Missouri.....	46	3,155	2,843	3,614	4,723	7,438	7,629	8,305	7,941	6,667	5,239	3,410	2,772	63,736
South Dakota.....	3/	150	144	173	167	174	178	153	142	89	91	81	122	1,664
Nebraska.....	3/	46	54	97	107	134	133	127	124	101	48	20	50	1,041
Kansas.....	19	530	656	721	854	1,141	1,081	1,091	1,102	781	608	606	625	9,796
West North Central.....	144	8,920	8,617	10,680	11,847	15,223	15,507	14,867	13,438	10,319	8,432	6,968	7,493	132,311
Georgia.....	5	-	-	-	12	35	53	72	70	45	41	34	46	408
South Atlantic 2/.....	13	66	48	72	97	227	324	355	317	257	236	169	122	2,290
Kentucky.....	21	752	934	1,208	2,040	3,189	3,186	3,263	3,475	2,966	2,192	1,398	707	24,910
Tennessee.....	28	1,674	1,793	2,343	3,592	5,323	4,807	4,862	4,962	3,644	2,727	1,737	1,362	38,826
Alabama.....	7	98	158	198	354	443	380	377	345	233	167	118	104	2,975
Mississippi.....	14	458	560	718	1,164	1,680	1,528	1,502	1,474	1,017	733	548	417	11,799
Arkansas.....	11	550	526	706	1,065	1,600	1,653	1,676	1,580	1,280	954	630	484	12,704
Oklahoma.....	12	549	478	690	933	1,271	1,153	1,065	1,013	627	333	277	270	8,659
Texas.....	12	329	337	441	580	673	632	546	464	393	271	215	198	5,075
South Central 2/.....	107	4,425	4,803	6,316	9,756	14,194	13,351	13,313	13,317	9,791	7,392	4,931	3,557	105,146
Montana.....	7	133	125	269	258	361	409	398	308	257	206	113	111	2,948
Idaho.....	19	1,212	1,153	1,321	1,612	1,986	2,010	1,922	1,772	1,555	1,367	1,200	1,232	18,342
Colorado.....	7	108	212	275	322	318	244	214	66	21	14	16	72	4,179
Utah.....	22	481	460	545	595	695	755	725	648	554	515	460	468	6,901
Mountain 2/.....	60	1,953	1,968	2,450	2,863	3,435	3,458	3,307	2,849	2,404	2,125	1,800	1,899	30,511
Washington.....	8	210	223	290	308	519	543	489	362	272	262	172	167	3,817
Oregon.....	31	722	855	1,595	2,754	3,681	3,570	3,202	2,587	1,973	1,576	1,080	722	24,317
California.....	17	273	305	441	454	542	444	430	291	241	243	231	240	4,175
Pacific.....	56	1,205	1,383	2,326	3,516	4,742	4,597	4,121	3,240	2,486	2,081	1,483	1,129	32,309
UNITED STATES.....	1,621	54,497	54,551	71,031	84,418	107,967	116,921	102,584	86,154	67,425	56,997	45,277	45,107	892,929

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 12- Cheese, total, excluding full-skim American and cottage: Production, by States, by months, 1950

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Vermont.....	11	155	259	706	930	924	854	577	129	120	142	141	172	5,109
Massachusetts.....	9	203	221	265	275	246	175	157	167	177	212	244	272	2,619
New England 1/.....	24	414	520	1,031	1,257	1,221	1,079	781	332	345	399	438	530	8,347
New York.....	158	5,526	5,284	7,849	9,273	12,342	13,130	8,467	5,560	5,129	5,323	4,431	5,208	87,582
New Jersey.....	2/	134	130	166	220	160	120	90	87	107	134	203	257	1,808
Pennsylvania.....	28	1,007	1,091	1,111	1,085	1,173	1,099	903	969	948	1,035	1,030	1,076	12,437
Middle Atlantic.....	190	6,667	6,415	9,126	10,573	13,675	14,409	9,460	6,616	6,184	6,492	5,664	6,541	101,827
Ohio.....	51	3,244	2,871	3,450	3,675	5,326	5,527	4,536	3,937	3,758	3,840	3,053	2,556	45,773
Indiana.....	29	1,949	2,086	2,285	2,720	4,164	4,246	4,092	3,983	3,381	2,985	2,208	1,820	35,919
Illinois.....	117	5,773	5,895	6,833	7,074	8,709	8,840	8,544	7,479	6,066	5,870	4,956	4,517	80,556
Michigan.....	47	1,616	1,650	2,286	2,471	3,046	3,903	3,327	2,900	2,447	2,076	1,462	1,454	28,638
Wisconsin.....	1,279	39,238	38,907	49,404	53,165	69,440	66,465	58,180	49,464	40,509	36,647	32,429	28,103	557,931
East North Central.....	1,523	51,820	51,409	61,258	69,105	80,685	88,981	78,679	67,763	56,161	51,418	44,108	44,450	788,837
Minnesota.....	49	4,587	4,669	5,713	5,517	5,709	5,863	4,756	3,780	2,539	2,383	2,854	3,979	52,329
Iowa.....	30	869	863	1,049	1,109	1,289	1,259	1,075	950	744	688	660	757	11,312
Missouri.....	47	3,158	2,846	3,616	4,726	7,440	7,631	8,307	7,943	6,670	5,242	3,413	2,775	63,767
South Dakota.....	2/	150	144	173	167	174	178	153	142	89	91	81	122	1,664
Nebraska.....	2/	46	54	97	107	134	133	127	124	101	48	20	50	1,041
Kansas.....	13	530	656	721	890	1,188	1,127	1,118	1,104	783	608	606	625	9,956
West North Central.....	153	9,340	9,232	11,369	12,516	15,934	16,191	15,536	14,043	10,906	9,060	7,634	8,308	140,069
Georgia.....	5	-	-	-	12	35	53	72	70	45	41	34	46	408
South Atlantic 1/.....	13	68	49	74	99	229	326	356	318	257	237	169	122	2,304
Kentucky.....	21	752	934	1,208	2,040	3,189	3,186	3,263	3,475	2,566	2,192	1,398	707	24,910
Tennessee.....	28	1,952	2,098	2,751	3,895	5,513	5,068	5,195	5,195	3,830	2,946	1,977	1,567	41,987
Alabama.....	7	98	158	198	354	443	380	377	345	233	167	118	104	2,975
Mississippi.....	15	462	564	724	1,170	1,687	1,535	1,509	1,481	1,023	738	553	421	11,867
Arkansas.....	11	550	526	706	1,065	1,600	1,053	1,676	1,580	1,280	954	630	484	12,704
Louisiana.....	2/	17	18	14	29	16	13	23	5	32	16	10	17	210
Oklahoma.....	12	636	500	784	1,020	1,359	1,240	1,158	1,102	714	414	377	386	9,756
Texas.....	13	330	338	442	582	675	633	546	465	395	272	216	199	5,033
South Central.....	110	4,797	5,190	6,827	10,155	14,482	13,714	13,747	13,643	10,073	7,099	5,279	3,885	109,502
Montana.....	7	133	125	269	258	361	409	398	308	257	206	113	111	2,948
Idaho.....	25	1,430	1,362	1,567	1,809	2,222	2,292	2,185	2,022	1,754	1,535	1,342	1,375	20,895
Wyoming.....	2/	132	125	147	166	193	248	249	223	191	166	133	151	2,124
Colorado.....	6	152	216	280	325	364	245	219	82	27	16	25	91	2,042
Utah.....	22	958	937	1,082	1,158	1,280	1,240	1,157	1,030	899	864	789	852	12,246
Mountain 1/.....	70	2,834	2,789	3,394	3,795	4,492	4,473	4,256	3,720	3,148	2,817	2,427	2,612	40,757
Washington.....	12	387	421	508	500	653	717	697	532	402	375	329	357	5,888
Oregon.....	32	749	878	1,640	2,798	3,753	3,644	3,270	2,645	2,029	1,630	1,112	742	24,890
California.....	32	772	711	905	988	1,098	944	897	807	716	709	757	852	10,136
Pacific.....	76	1,908	2,010	3,053	4,286	5,474	5,305	4,864	3,984	3,147	2,714	2,208	1,961	40,914
UNITED STATES.....	2,159	77,848	77,620	99,132	111,791	136,192	144,478	127,679	110,424	90,221	80,836	67,927	68,409	1,192,557

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.

Table 13- Cheese, cottage, curd Production, by States, by month, 1950 1/

State and division	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Maine.....	9	145	221	247	202	232	243	282	259	209	236	241	254	2,771
New Hampshire.....	7	12	12	15	16	15	16	16	15	15	14	13	13	171
Vermont.....	14	851	1,027	1,129	1,119	1,436	1,440	1,210	1,145	1,314	1,404	1,019	1,032	14,124
Massachusetts.....	14	9	11	19	37	53	47	58	55	41	34	46	43	457
Connecticut.....	10	291	301	377	327	336	286	108	95	119	162	91	94	2,587
New England.....	54	1,308	1,572	1,787	1,701	2,073	2,032	1,674	1,569	1,696	1,854	1,410	1,436	20,112
New York.....	182	2,996	3,309	3,936	3,781	4,610	4,427	4,213	3,985	3,451	3,712	3,301	3,326	45,047
New Jersey.....	19	34	39	51	48	60	39	36	34	29	26	26	25	447
Pennsylvania.....	117	1,230	1,349	1,589	1,476	1,774	1,465	1,628	1,494	1,395	1,434	1,159	1,264	17,112
Middle Atlantic.....	318	4,266	4,697	5,576	5,305	6,444	5,871	5,877	5,513	4,755	5,177	4,486	4,615	62,606
Ohio.....	271	1,824	1,966	2,407	2,235	2,397	2,359	2,344	2,332	2,112	2,175	1,950	1,955	26,086
Indiana.....	73	632	636	741	732	784	751	736	722	661	702	684	684	8,485
Illinois.....	138	1,510	1,526	1,784	1,754	1,873	1,812	1,700	1,662	1,506	1,730	1,600	1,507	20,004
Michigan.....	124	1,514	1,627	1,921	1,759	2,046	1,904	1,793	1,636	1,650	1,786	1,623	1,663	21,330
Wisconsin.....	152	1,561	1,784	2,131	2,131	2,011	2,877	2,561	1,679	1,730	1,527	1,521	1,521	20,770
East North Central.....	765	7,041	7,539	8,990	8,294	9,113	8,703	8,234	8,231	7,341	8,125	7,302	7,362	96,675
Minnesota.....	30	509	526	641	559	654	580	565	579	564	602	596	542	6,857
Iowa.....	59	391	433	474	441	454	430	411	426	414	441	413	426	5,131
Missouri.....	53	602	731	937	842	837	871	835	852	824	916	871	795	9,913
North Dakota.....	2/	9	11	15	17	20	28	15	16	14	14	13	11	183
South Dakota.....	13	21	25	31	31	34	32	28	20	15	16	20	23	296
Nebraska.....	29	212	228	294	279	288	256	251	251	243	292	262	243	3,099
Kansas.....	74	467	464	561	487	482	514	512	458	485	516	436	411	5,887
West North Central.....	261	2,211	2,418	2,853	2,696	2,829	2,711	2,617	2,602	2,559	2,768	2,611	2,471	31,346
District of Columbia.....	2/	83	81	83	87	91	71	82	80	76	77	78	73	962
Delaware.....	6	10	11	13	12	11	11	10	10	10	11	11	10	130
Maryland.....	16	264	313	408	333	364	304	331	325	283	337	337	295	3,854
Virginia.....	20	134	147	167	181	174	217	204	174	187	193	176	159	2,113
West Virginia.....	32	172	208	219	226	246	246	225	211	201	204	190	186	2,536
North Carolina.....	18	178	183	198	196	205	199	197	216	217	217	36	33	1,889
South Carolina.....	4	3	3	4	5	6	6	4	5	6	5	5	3	55
Georgia.....	9	12	13	17	30	35	34	34	33	31	31	33	33	336
Florida.....	14	134	151	189	143	149	130	136	126	80	122	124	84	1,568
South Atlantic.....	122	990	1,110	1,298	1,215	1,281	1,218	1,223	1,180	1,091	1,016	987	874	13,483
Kentucky.....	47	405	447	497	444	521	475	477	462	441	461	432	415	5,475
Tennessee.....	25	141	160	204	184	196	194	191	179	169	164	152	131	2,065
Alabama.....	6	17	17	24	21	21	23	16	13	14	15	11	11	203
Arkansas.....	7	50	58	70	68	79	84	88	77	67	71	71	40	823
Louisiana.....	7	65	74	94	92	106	114	107	121	101	88	72	70	1,104
Oklahoma.....	43	312	313	408	402	427	397	382	376	341	374	339	320	4,391
Texas.....	27	405	413	481	548	596	551	489	484	433	438	398	366	5,602
South Central.....	163	1,393	1,482	1,779	1,759	1,946	1,838	1,751	1,712	1,566	1,611	1,475	1,353	19,665
Montana.....	15	70	69	83	89	90	95	93	85	64	70	77	73	958
Idaho.....	17	54	57	72	74	73	75	85	80	66	68	65	56	825
Wyoming.....	8	13	16	19	18	20	19	19	17	15	14	15	15	201
Colorado.....	43	244	252	306	276	297	308	273	260	220	282	261	262	3,241
New Mexico.....	6	14	26	31	45	57	73	79	82	52	42	31	35	567
Arizona.....	3/	61	62	78	64	63	65	75	59	62	71	60	65	785
Utah.....	11	172	181	222	215	210	255	224	199	188	210	205	195	2,476
Nevada.....	2/	3	3	4	5	6	7	7	7	5	4	5	4	60
Mountain.....	108	631	666	815	786	816	897	855	789	672	763	718	705	9,113
Washington.....	28	973	1,028	1,213	1,242	1,157	1,156	1,243	1,176	1,000	973	1,049	1,043	13,253
Oregon.....	19	235	270	316	311	333	322	338	318	273	302	300	302	3,620
California.....	67	3,925	3,921	4,892	4,788	4,608	4,509	4,699	4,472	4,158	4,507	4,230	4,238	52,819
Pacific.....	108	5,203	5,221	6,221	6,341	6,098	5,987	6,280	5,966	5,431	5,782	5,470	5,583	69,692
UNITED STATES.....	1,899	23,037	24,705	29,319	28,097	30,600	29,257	28,511	27,562	25,141	27,096	24,968	24,399	322,692

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.

3/ Regional totals include production for some States not shown separately. Production omitted for States in which less than 3 plants reported.

Table 14- Cheese, cottage, creamed: Production, by States, by months, 1950

State and division	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Maine.....	7	155	238	265	206	241	265	311	282	227	253	266	279	2,988
New Hampshire.....	5	6	8	8	9	9	9	9	9	7	9	8	9	100
Vermont.....	8	639	647	748	775	873	804	750	595	567	658	618	662	8,336
Massachusetts.....	12	20	23	31	29	38	35	34	30	27	26	29	38	360
Connecticut.....	12	76	87	139	111	122	119	118	111	93	94	89	80	1,239
New England.....	44	896	1,003	1,191	1,130	1,283	1,232	1,222	1,027	921	1,040	1,010	1,068	13,023
New York.....	59	2,383	2,687	3,132	2,918	3,379	3,350	3,473	3,245	2,732	2,907	2,791	2,588	35,585
New Jersey.....	17	140	205	270	233	296	220	239	239	155	216	182	157	2,552
Pennsylvania.....	66	1,172	1,280	1,419	1,265	1,572	1,278	1,470	1,301	1,170	1,210	1,044	1,056	15,237
Middle Atlantic.....	142	3,695	4,172	4,821	4,416	5,247	4,848	5,182	4,785	4,057	4,333	4,017	3,801	53,374
Ohio.....	224	2,172	2,299	2,889	2,622	2,805	2,723	2,653	2,570	2,357	2,460	2,290	2,337	30,177
Indiana.....	72	589	574	707	715	774	729	723	727	650	696	645	620	8,149
Illinois.....	128	1,397	1,432	1,697	1,613	1,736	1,699	1,806	1,547	1,462	1,642	1,521	1,423	18,975
Michigan.....	155	1,935	2,013	2,385	2,193	2,604	2,343	2,173	2,101	1,936	2,134	2,084	1,982	25,883
Wisconsin.....	114	1,154	1,206	1,508	1,306	1,371	1,318	1,299	1,333	1,160	1,270	1,239	1,196	15,360
East North Central.....	693	7,247	7,524	9,186	8,449	9,290	8,812	8,654	8,278	7,565	8,202	7,779	7,558	98,544
Minnesota.....	25	612	644	800	740	817	762	710	711	665	719	694	615	8,489
Iowa.....	52	351	369	469	444	464	455	422	424	382	408	390	372	4,950
Missouri.....	47	1,011	1,175	1,477	1,334	1,362	1,333	1,205	1,184	1,171	1,266	1,163	1,062	14,743
North Dakota.....	1/	10	11	14	15	16	15	13	8	14	14	12	4	146
South Dakota.....	14	38	41	48	51	59	56	51	45	56	45	46	43	579
Nebraska.....	28	227	244	332	298	338	316	309	304	295	333	305	287	3,588
Kansas.....	54	497	499	597	497	570	542	542	481	525	544	516	506	6,316
West North Central.....	223	2,746	2,983	3,737	3,379	3,626	3,479	3,252	3,157	3,108	3,329	3,126	2,889	38,811
Maryland.....	9	316	381	514	401	431	368	404	387	318	361	418	369	4,668
Virginia.....	11	25	31	41	41	44	52	54	47	40	32	33	38	478
West Virginia.....	31	169	205	236	241	262	254	221	217	193	194	178	167	2,537
North Carolina.....	14	52	56	50	63	65	68	70	67	66	32	34	31	654
Georgia.....	7	14	16	20	30	24	28	23	27	21	22	25	28	278
Florida.....	10	105	128	149	120	123	101	103	86	39	87	90	46	1,177
South Atlantic 2/.....	86	792	929	1,124	1,017	1,075	966	1,011	949	787	838	890	784	11,162
Kentucky.....	45	537	578	661	598	696	640	627	611	593	609	565	530	7,245
Tennessee.....	23	184	214	266	240	259	253	252	233	220	216	217	190	2,744
Alabama.....	3/	6	3	7	6	7	6	7	8	7	7	7	4	76
Mississippi.....	1/	1	2	3	3	3	3	3	3	3	4	4	2	34
Arkansas.....	5	27	27	34	35	32	29	27	25	23	21	18	18	316
Louisiana.....	9	129	136	178	170	213	228	213	230	204	176	147	141	2,165
Oklahoma.....	42	399	411	531	528	565	527	479	488	450	490	446	411	5,725
Texas.....	34	431	487	607	603	639	646	649	629	579	585	552	494	6,901
South Central.....	165	1,714	1,858	2,287	2,183	2,414	2,332	2,258	2,226	2,080	2,108	1,956	1,790	25,206
Montana.....	14	84	91	106	104	114	110	118	114	88	86	86	87	1,188
Idaho.....	16	70	76	95	101	102	108	113	112	96	98	89	83	1,143
Wyoming.....	7	13	16	18	18	19	18	18	17	15	16	14	15	198
Colorado.....	32	177	193	195	208	222	231	178	161	136	176	163	164	2,204
New Mexico.....	5	33	42	52	53	56	74	75	86	71	73	60	58	733
Arizona.....	5	97	112	149	128	128	129	141	111	120	138	118	128	1,499
Utah.....	10	253	279	336	321	309	378	335	298	267	278	270	239	3,563
Nevada.....	5	7	8	9	9	10	12	12	11	9	7	8	9	111
Mountain.....	94	734	817	961	942	960	1,060	990	910	802	872	808	783	10,639
Washington.....	30	1,291	1,315	1,538	1,652	1,674	1,541	1,629	1,583	1,397	1,438	1,396	1,295	17,749
Oregon.....	23	377	386	496	489	521	498	557	549	458	525	481	434	5,771
California.....	70	5,576	5,830	6,841	6,853	6,753	6,589	6,894	6,729	6,211	6,752	6,214	6,357	77,399
Pacific.....	123	7,244	7,531	8,875	8,994	8,948	8,628	9,080	8,861	8,066	8,715	8,091	7,886	100,919
UNITED STATES.....	1,570	25,068	26,817	32,182	30,510	32,843	31,357	31,649	30,193	27,386	29,437	27,677	26,559	351,678

1/ Either 3 or 4 plants reporting.

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

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Table 15- Condensed milk, whole, unsweetened, bulk goods: Production, by States, by months, 1950

State	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	1/	11	-	11	11	23	17	17	719	356	348	531	437	2,481
New York.....	21	4,739	4,493	4,593	4,066	3,879	4,822	7,429	8,536	6,276	5,708	5,178	5,611	65,330
Pennsylvania.....	16	1,529	1,891	2,251	2,852	3,120	3,243	3,263	3,034	2,252	2,143	1,566	1,429	28,573
Ohio.....	16	563	730	1,022	797	1,142	1,249	1,324	1,728	1,688	1,528	1,198	624	13,653
Indiana.....	7	1,259	1,365	1,653	1,561	1,962	2,006	2,052	1,895	1,947	2,068	1,736	1,705	21,189
Illinois.....	1/	153	137	225	159	210	166	211	218	182	212	129	89	2,131
Michigan.....	8	513	400	465	532	773	743	1,100	740	520	462	389	405	7,108
Wisconsin.....	17	687	619	818	1,196	1,850	2,164	2,210	1,805	1,463	1,351	1,607	1,845	17,615
Missouri.....	1/	156	117	99	196	559	470	394	410	253	336	248	157	3,395
Kansas.....	1/	145	185	197	133	158	148	158	164	130	264	251	287	2,220
Maryland.....	1/	857	988	1,207	1,572	1,949	1,796	1,686	1,750	1,425	1,112	749	587	15,684
North Carolina.....	1/	2	28	37	45	65	167	68	45	26	23	51	56	613
Oklahoma.....	5	153	251	274	366	439	484	563	363	285	76	60	54	3,368
Washington.....	5	113	137	253	222	358	399	358	380	303	192	109	150	2,954
California.....	7	1,200	1,529	1,799	1,866	1,985	1,974	2,275	1,666	961	813	801	981	17,850
All other States.....	22	814	1,033	1,180	1,550	1,914	1,916	2,468	1,862	1,444	1,317	1,080	982	17,560
UNITED STATES.....	144	12,934	13,969	16,064	17,124	20,386	21,764	25,636	25,321	19,511	17,953	15,683	15,379	221,724

1/ Either 3 or 4 plants reporting.

Table 16- Condensed milk, skin, unsweetened, bulk goods: Production, by States, by months, 1950

State	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	1/	140	239	212	268	359	850	1,519	1,361	383	374	429	358	6,492
New York.....	36	3,084	2,864	3,965	5,908	8,043	7,952	8,086	7,119	5,751	5,034	5,254	5,254	68,084
Pennsylvania.....	32	1,204	1,521	2,066	2,790	3,613	4,193	3,770	2,640	2,299	1,851	1,309	1,130	28,386
Ohio.....	38	1,728	1,552	1,524	2,238	2,457	2,666	2,752	2,630	1,954	2,388	2,052	2,135	26,076
Indiana.....	17	597	634	651	489	675	665	782	827	764	974	1,202	846	9,109
Illinois.....	16	1,509	1,933	2,257	2,626	3,087	3,095	2,644	2,275	1,887	1,820	1,285	1,080	25,498
Michigan.....	21	1,287	1,710	1,883	3,132	2,291	2,440	2,683	2,607	1,873	1,770	1,672	1,775	25,183
Wisconsin.....	39	6,014	5,671	5,924	6,195	6,935	8,163	6,106	6,327	5,337	6,078	5,832	5,446	74,028
Minnesota.....	10	741	604	650	700	986	1,158	1,238	1,201	1,185	1,015	1,093	894	11,531
Iowa.....	12	558	614	810	874	988	1,124	1,090	807	515	453	325	358	8,516
Missouri.....	9	1,702	1,452	1,790	2,346	3,169	3,611	3,603	2,400	2,480	1,731	1,350	999	26,633
Nebraska.....	1/	48	80	382	679	1,243	1,477	1,087	693	152	72	36	94	6,049
Kansas.....	11	1,809	2,154	2,371	2,317	2,489	2,886	3,220	3,780	3,385	3,184	2,309	2,181	32,085
Maryland.....	5	1,162	1,314	1,685	2,026	2,445	1,748	1,212	977	862	1,178	825	873	16,307
Virginia.....	13	1,007	909	1,578	1,545	1,885	2,207	2,809	2,862	3,314	2,611	2,052	1,481	24,260
North Carolina.....	6	119	84	100	163	268	134	183	126	75	53	51	64	1,420
Georgia.....	1/	112	132	203	228	249	262	257	301	241	154	99	80	2,318
Kentucky.....	6	120	116	134	173	319	313	313	297	213	212	178	135	2,523
Tennessee.....	9	1,725	1,337	1,246	1,023	1,469	1,456	1,607	1,643	1,800	1,726	920	982	16,930
Alabama.....	1/	69	141	236	313	330	317	310	283	238	210	172	156	2,775
Oklahoma.....	9	206	294	385	354	396	505	588	739	599	371	62	157	4,736
Texas.....	21	1,119	1,137	1,760	1,837	2,155	2,039	1,759	929	680	588	406	716	15,105
Colorado.....	1/	11	10	76	114	138	144	111	104	86	40	43	40	917
Utah.....	1/	118	127	138	131	194	179	195	160	124	40	30	32	1,474
Washington.....	8	74	150	195	331	438	381	544	408	226	119	104	109	3,079
California.....	24	3,712	4,128	5,046	5,384	5,715	6,723	6,131	6,267	4,871	4,159	3,625	3,776	59,537
All other States.....	21	2,644	1,392	2,579	2,838	3,547	3,315	1,795	1,593	1,703	1,472	1,095	1,158	24,131
UNITED STATES.....	383	31,609	32,305	39,846	47,028	55,886	60,063	56,374	51,476	43,003	39,677	33,606	32,309	523,182

1/ Either 3 or 4 plants reporting.

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Table 17- Evaporated milk, whole, unsweetened, case goods: Production, by States, by months, 1950

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
Pennsylvania.....	1/	4,221	4,554	6,423	6,142	9,519	9,546	5,492	2,353	2,081	1,747	1,173	1,047	54,328
Middle Atlantic.....	5	6,123	7,095	9,600	9,624	15,465	15,240	8,087	4,270	3,968	3,592	2,387	2,176	87,627
Ohio.....	12	15,812	17,896	22,803	22,939	36,349	36,894	31,076	29,762	23,472	20,804	12,526	11,985	282,318
Indiana.....	1/	5,257	6,050	8,158	8,739	12,199	12,349	11,772	9,952	6,665	6,533	4,602	5,128	97,404
Illinois.....	10	11,324	12,135	15,445	14,897	18,850	18,111	14,698	12,387	10,154	9,302	8,139	9,372	154,814
Michigan.....	6	9,506	10,808	16,081	15,778	21,885	23,171	17,503	16,939	14,383	12,730	10,483	10,507	179,474
Wisconsin.....	26	44,479	48,422	61,797	62,644	71,252	74,560	59,630	52,170	43,681	37,467	35,591	39,691	631,344
East North Central.....	58	86,378	95,311	124,284	124,997	160,235	165,085	134,679	121,170	98,355	86,836	71,341	76,683	1,345,354
Iowa.....	1/	3,199	3,084	3,842	3,847	4,523	4,964	4,103	2,991	2,335	2,483	2,520	3,012	40,903
Missouri.....	5	6,705	8,162	10,597	13,205	19,499	18,880	18,977	19,387	14,081	12,917	10,044	8,358	161,412
Kansas.....	1/	3,044	3,235	3,587	3,590	6,043	6,379	6,338	5,536	4,651	3,649	3,131	3,332	52,835
West North Central.....	13	14,638	16,589	20,562	23,124	32,703	32,935	31,345	29,381	23,288	20,203	17,049	16,886	278,703
South Atlantic.....	7	6,566	6,792	8,410	11,616	20,454	21,798	20,171	19,974	16,604	14,525	9,333	6,289	162,532
Kentucky.....	1/	8,200	8,826	11,954	16,483	24,609	25,603	26,757	26,376	21,468	16,964	10,851	8,113	206,204
Tennessee.....	1/	3,154	5,142	8,130	10,280	17,103	17,596	18,056	17,853	12,597	9,634	6,252	4,366	129,963
Mississippi.....	1/	2,384	3,352	4,247	6,461	8,052	7,629	7,340	6,612	4,569	3,343	2,552	2,552	58,706
Texas.....	1/	1,160	1,474	2,413	3,244	3,862	3,814	3,595	2,774	2,219	1,751	1,136	961	28,431
South Central.....	14	16,368	20,412	28,465	38,876	57,104	58,323	59,248	57,170	43,878	34,154	22,554	16,775	453,325
Utah.....	1/	4,706	4,365	5,313	5,546	6,379	5,868	5,288	4,861	4,613	4,477	4,215	4,327	59,958
Mountain.....	8	11,101	10,877	13,337	14,574	17,197	16,514	15,000	13,782	11,496	11,463	10,877	11,596	157,814
Washington.....	1/	4,734	5,404	6,235	5,653	10,288	8,753	6,677	7,283	6,249	4,610	2,445	3,038	71,370
California.....	11	19,762	20,715	28,036	30,030	32,536	31,104	26,989	28,740	27,450	23,378	21,132	21,116	312,988
Pacific.....	17	26,276	27,397	35,410	36,719	44,453	40,729	34,537	37,085	34,560	28,657	24,223	27,068	397,120
All other States.....	2/19	19,803	20,849	25,007	30,052	44,963	45,403	38,776	36,866	30,887	27,611	20,971	19,173	360,361
UNITED STATES.....	122	167,450	184,473	240,068	259,530	347,611	350,624	303,067	282,832	232,155	199,430	157,764	157,471	2,882,475

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

Table 18- Dried milk, whole: Production, by States, by months, 1950

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds	1000 pounds
New York.....	7	2,579	1,973	2,722	2,554	2,933	3,614	2,659	1,686	1,463	2,688	916	1,197	26,924
Ohio.....	1/	883	630	897	943	1,342	1,468	1,313	1,376	1,368	1,274	1,178	930	13,622
Indiana.....	1/	328	92	207	82	156	31	447	521	668	625	237	53	3,447
Illinois.....	1/	108	388	106	229	288	270	241	321	333	313	234	297	3,128
Michigan.....	9	798	777	968	1,053	946	923	1,078	777	896	992	868	1,044	11,120
Wisconsin.....	25	2,723	2,462	2,343	2,352	2,892	3,826	3,704	4,946	3,656	3,459	3,452	4,045	39,660
Minnesota.....	8	814	963	1,959	1,486	1,244	1,295	867	1,569	1,687	1,688	1,139	1,193	15,904
California.....	6	302	427	464	635	467	341	407	727	1,078	767	955	462	7,032
All other States.....	2/10	191	257	959	186	344	385	477	532	153	268	77	60	3,889
UNITED STATES.....	75	8,726	7,969	10,625	9,520	10,612	12,173	11,193	12,455	11,302	12,074	9,056	9,281	124,986

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

Table 19-Nonfat dry milk solids, spray process, for human consumption: Production, by States, by months, 1950

State	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	1/	1,075	900	1,078	1,781	2,011	1,992	1,271	655	954	920	513	720	13,936
New York.....	10	3,427	3,494	5,001	5,940	6,447	6,027	4,009	2,551	2,700	2,649	1,877	2,092	46,674
Pennsylvania.....	5	265	370	854	1,235	1,355	1,500	761	460	510	294	287	287	8,461
Ohio.....	12	1,577	1,663	2,128	2,481	3,358	3,510	3,580	2,903	2,299	1,613	924	603	26,639
Indiana.....	9	993	1,375	1,855	1,855	2,851	2,831	1,923	1,358	1,060	884	557	202	16,573
Illinois.....	6	164	192	152	294	356	699	415	572	270	186	168	119	3,627
Michigan.....	12	2,798	2,383	2,635	2,682	3,254	3,115	3,073	2,454	1,851	1,492	1,095	1,336	26,168
Wisconsin.....	55	16,127	16,256	20,921	22,057	24,126	25,523	22,737	15,850	10,747	8,859	8,254	10,875	202,338
Minnesota.....	35	11,785	12,124	13,673	13,857	14,023	14,761	11,748	6,959	4,469	4,458	6,109	6,857	123,023
Iowa.....	7	659	660	823	900	987	1,094	974	730	458	344	283	441	8,353
Missouri.....	5	1,358	1,447	1,789	2,614	3,779	4,014	4,039	3,025	2,149	1,845	1,130	1,197	28,392
Kansas.....	8	721	612	781	1,000	1,619	1,550	1,672	1,164	472	134	197	503	10,485
Virginia.....	5	126	222	396	879	1,345	1,303	708	359	9	94	23	37	5,501
Idaho.....	7	2,281	2,226	2,677	2,875	3,517	3,578	3,416	2,924	2,605	2,275	2,094	2,111	32,579
Utah.....	1/	308	320	420	415	603	572	486	365	365	341	328	362	4,887
Washington.....	1/	341	267	478	831	1,115	1,333	923	589	329	172	108	112	6,598
Oregon.....	1/	394	484	702	826	2,269	1,267	955	458	195	46	54	100	7,950
California.....	16	2,107	1,974	3,497	4,884	6,163	5,996	4,901	3,597	1,964	1,057	609	1,055	37,764
All other States.....	13	718	728	947	1,592	1,921	1,759	1,370	920	625	498	348	523	12,019
UNITED STATES.....	226	47,224	47,460	60,627	69,058	81,099	82,224	68,963	48,369	34,011	28,443	24,971	31,512	623,967

1/ Either 3 or 4 plants reporting.

Table 20-Nonfat dry milk solids, roller process, for human consumption: Production, by States, by months, 1950

State	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	5	542	431	952	1,118	1,348	1,365	345	390	166	152	31	76	6,916
New York.....	39	3,942	3,932	6,553	8,584	10,184	9,561	4,699	1,790	1,440	1,188	560	629	53,062
Pennsylvania.....	16	598	466	864	1,351	1,472	1,435	787	501	456	433	181	198	8,782
Ohio.....	17	482	419	527	992	1,602	1,927	1,410	997	874	499	227	124	10,040
Indiana.....	10	846	1,025	1,190	1,454	1,857	2,095	2,058	1,702	1,336	1,019	647	383	15,612
Illinois.....	14	427	432	588	928	1,322	1,359	1,004	552	282	171	81	110	7,256
Michigan.....	23	1,900	1,737	2,106	2,669	2,645	3,341	2,622	1,977	1,479	1,067	720	1,020	23,283
Wisconsin.....	54	4,995	5,197	6,202	7,726	7,781	8,535	5,979	3,247	1,806	999	1,163	1,784	55,414
Minnesota.....	46	4,063	4,310	4,979	4,902	4,684	4,902	2,827	1,607	1,011	1,047	1,263	1,856	37,451
Iowa.....	8	1,093	1,000	449	548	667	550	610	473	296	227	243	372	6,528
Missouri.....	6	267	155	249	582	544	486	521	499	375	130	138	147	4,093
Maryland.....	6	822	863	962	901	1,232	919	549	499	489	486	302	230	2,254
Mississippi.....	1/	137	167	322	349	433	379	397	289	112	68	59	77	2,789
Oklahoma.....	1/	128	144	161	186	292	236	252	141	68	36	130	163	1,917
Washington.....	9	118	134	233	505	1,104	887	619	316	141	83	28	14	4,182
California.....	11	266	270	709	1,182	1,473	1,235	846	530	281	120	101	143	7,156
All other States.....	16	270	243	458	628	799	804	417	239	204	153	78	83	4,376
UNITED STATES.....	286	20,896	20,925	27,504	34,605	39,439	39,996	25,922	15,809	10,816	7,838	5,952	7,409	257,111

1/ Either 3 or 4 plants reporting.

Table 21- Ice cream, wholesale: Production, by States, by months, 1950

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons
Maine.....	13	123	114	153	175	245	307	335	373	223	186	157	157	2,578
New Hampshire.....	12	57	43	62	72	103	126	149	148	81	72	57	52	1,027
Vermont.....	7	53	58	72	80	115	152	154	161	104	79	84	70	1,182
Massachusetts.....	82	1,108	1,002	1,244	1,393	1,813	2,240	2,150	2,187	1,481	1,279	1,209	1,074	18,240
Rhode Island.....	24	202	181	225	273	346	441	491	480	304	268	249	204	3,664
Connecticut.....	35	371	370	420	528	634	753	740	750	534	457	444	377	6,386
New England.....	173	1,914	1,779	2,200	2,521	3,256	4,019	4,019	4,099	2,731	2,341	2,260	1,934	33,079
New York.....	334	3,053	2,853	3,374	3,959	5,431	6,407	6,404	6,347	4,120	3,493	3,228	2,747	51,416
New Jersey.....	36	484	532	608	790	1,026	1,320	1,302	1,371	918	774	739	610	10,534
Pennsylvania.....	249	3,902	3,722	4,202	4,805	6,150	6,493	7,100	7,041	5,220	4,577	4,139	3,507	62,835
Middle Atlantic.....	610	7,439	7,184	8,184	9,354	12,607	14,220	14,866	14,759	10,358	8,844	8,106	6,864	122,745
Ohio.....	200	1,894	1,874	2,132	2,234	3,199	3,449	3,381	3,550	2,727	2,308	1,877	1,774	30,459
Indiana.....	101	894	850	1,073	1,170	1,638	1,843	1,902	1,874	1,383	1,231	973	802	15,673
Illinois.....	157	1,713	1,747	2,080	2,149	2,974	3,486	3,283	3,166	2,377	2,234	1,894	1,438	28,541
Michigan.....	247	1,285	1,313	1,433	1,696	2,518	2,930	2,973	2,977	2,030	1,808	1,468	1,249	23,746
Wisconsin.....	124	766	820	979	1,009	1,414	1,752	1,710	1,720	1,215	1,187	941	746	14,261
East North Central.....	829	6,552	6,650	7,757	8,258	11,743	13,400	13,249	13,287	9,732	8,828	7,155	6,009	112,680
Minnesota.....	103	683	790	895	898	1,234	1,569	1,532	1,490	1,135	961	815	693	12,695
Iowa.....	79	578	611	757	787	1,010	1,166	1,135	1,088	851	789	623	515	9,910
Missouri.....	86	830	912	1,190	1,247	1,620	1,843	1,742	1,650	1,354	1,299	985	816	15,488
North Dakota.....	33	94	112	120	129	165	224	224	217	164	140	116	101	1,815
South Dakota.....	18	118	137	156	156	230	297	271	274	215	160	150	118	2,304
Nebraska.....	45	287	339	415	440	590	681	631	627	491	435	346	299	5,581
Kansas.....	57	295	362	461	506	593	690	608	589	452	445	333	262	5,596
West North Central.....	421	2,885	3,281	4,002	4,182	5,442	6,470	6,143	5,915	4,002	4,235	3,368	2,804	53,389
District of Columbia.....	9	407	395	480	476	597	680	615	624	496	458	427	342	5,997
Maryland.....	29	486	488	580	608	800	939	916	954	712	602	552	447	8,084
Virginia.....	52	555	576	618	738	893	1,023	1,000	1,005	832	705	628	475	9,050
West Virginia.....	19	266	287	351	386	546	621	581	581	468	381	293	247	4,988
North Carolina.....	59	903	870	1,059	1,020	1,371	1,479	1,412	1,496	1,279	1,025	839	619	13,372
South Carolina.....	19	132	158	162	181	277	303	271	242	189	145	101	242	2,452
Georgia.....	48	414	456	496	606	746	760	726	750	648	555	423	337	6,917
Florida.....	42	714	763	815	638	876	855	790	817	747	690	597	523	8,825
South Atlantic 1/.....	279	4,002	4,124	4,898	4,789	6,290	6,869	6,498	6,753	5,600	4,750	4,032	3,207	61,018
Kentucky.....	48	289	287	327	352	501	536	600	538	427	391	277	233	4,818
Tennessee.....	79	625	711	790	850	1,283	1,440	1,309	1,291	1,057	974	692	518	11,570
Alabama.....	41	369	395	455	513	737	778	709	722	598	494	350	242	6,358
Mississippi.....	41	175	189	227	244	361	374	346	366	316	288	173	131	3,190
Arkansas.....	16	87	108	144	159	215	263	255	235	150	152	100	74	1,952
Louisiana.....	36	402	437	479	497	762	762	742	742	657	547	388	311	6,710
Oklahoma.....	55	282	371	431	513	631	701	605	583	497	445	326	259	5,644
Texas.....	146	1,192	1,378	1,724	1,846	2,411	2,558	2,475	2,560	2,147	1,977	1,462	1,231	22,961
South Central.....	462	3,407	3,876	4,577	5,014	6,905	7,412	7,085	7,037	5,855	5,268	3,768	2,999	63,203
Montana.....	59	54	113	129	145	180	224	279	266	180	132	108	109	1,949
Idaho.....	31	92	120	146	161	202	227	255	250	193	163	128	121	2,058
Wyoming.....	16	39	37	52	52	63	77	91	92	69	58	44	43	717
Colorado.....	57	280	322	380	399	473	550	583	597	442	424	342	313	5,105
New Mexico.....	14	51	64	76	85	98	117	115	118	92	86	64	59	1,025
Arizona.....	11	82	115	125	136	151	156	134	150	131	132	85	85	1,510
Utah.....	20	115	133	159	158	182	204	228	220	175	157	128	107	1,965
Nevada.....	6	28	37	44	49	60	74	91	87	63	47	38	33	651
Mountain.....	214	771	941	1,111	1,185	1,409	1,629	1,776	1,780	1,345	1,199	965	876	14,591
Washington.....	51	321	403	523	540	678	759	824	830	645	459	443	432	6,862
Oregon.....	64	259	307	414	421	570	583	604	709	546	375	342	339	5,549
California.....	168	1,773	2,154	2,723	2,774	2,985	3,397	3,662	3,591	3,020	2,916	2,398	2,010	33,407
Pacific.....	283	2,353	2,809	3,660	3,735	4,233	4,739	5,170	5,150	4,211	3,750	3,183	2,781	45,514
UNITED STATES.....	3,271	29,323	30,704	36,195	39,038	51,885	58,818	58,806	58,760	44,494	39,221	32,837	27,468	507,549

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

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Table 22-Ice cream, total: Production, by States, by month, 1950 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
	Number	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Maine.....	74	128	120	190	184	263	332	382	418	242	200	167	163	2,789
New Hampshire.....	93	63	54	69	82	133	165	196	155	109	83	65	58	1,272
Vermont.....	38	56	61	77	86	122	160	161	169	111	86	90	76	1,254
Massachusetts.....	410	1,167	1,059	1,314	1,513	1,997	2,472	2,410	2,432	1,608	1,372	1,341	1,145	19,830
Rhode Island.....	97	211	191	241	295	378	482	554	547	345	300	273	220	4,037
Connecticut.....	183	393	356	450	563	672	812	796	810	578	494	469	397	6,816
New England.....	895	2,018	1,881	2,341	2,723	3,571	4,423	4,499	4,571	2,993	2,535	2,405	2,058	36,018
New York.....	2,808	3,459	3,232	3,822	4,485	6,153	7,258	7,255	7,151	4,667	3,958	3,657	3,112	58,249
New Jersey.....	275	542	584	683	673	1,125	1,453	1,502	1,516	1,030	870	823	689	11,690
Pennsylvania.....	1,751	4,214	4,101	4,585	5,005	6,674	7,137	7,791	7,743	5,824	5,021	4,528	3,822	66,405
Middle Atlantic.....	4,834	8,217	7,917	9,068	10,363	13,952	15,848	16,548	16,450	11,521	9,849	8,988	7,623	136,344
Ohio.....	1,453	2,088	2,054	2,337	2,474	3,575	3,871	3,812	3,562	3,014	2,617	2,059	1,951	33,816
Indiana.....	413	973	970	1,168	1,230	1,776	1,998	2,083	2,046	1,510	1,347	1,067	882	17,100
Illinois.....	860	1,882	1,920	2,239	2,419	3,355	3,945	3,769	3,622	2,482	2,095	1,685	1,685	32,052
Michigan.....	611	1,404	1,441	1,631	1,652	2,750	3,200	3,247	3,252	2,217	1,975	1,603	1,364	25,936
Wisconsin.....	704	850	906	1,083	1,152	1,606	1,995	1,974	1,975	1,359	1,341	1,050	834	16,185
East North Central.....	4,241	7,157	7,291	8,508	9,157	13,062	15,011	14,885	14,857	10,789	9,762	7,874	6,656	125,049
Minnesota.....	241	708	819	928	931	1,279	1,626	1,588	1,544	1,176	996	845	718	13,158
Iowa.....	349	636	672	835	872	1,126	1,302	1,283	1,224	954	873	690	579	11,046
Missouri.....	286	669	954	1,239	1,301	1,701	1,935	1,838	1,744	1,423	1,027	850	689	16,245
North Dakota.....	76	100	120	135	138	278	248	242	233	176	151	124	108	1,948
South Dakota.....	126	128	146	166	190	184	315	298	298	235	184	165	131	2,498
Nebraska.....	208	309	365	446	474	635	738	687	682	539	476	377	327	6,055
Kansas.....	256	324	413	508	583	682	777	692	652	516	503	373	298	6,281
West North Central.....	1,542	3,074	3,489	4,257	4,469	5,829	6,936	6,620	6,377	5,019	4,547	3,602	3,012	57,229
District of Columbia.....	60	418	407	492	488	610	694	628	640	509	473	439	354	6,152
Delaware.....	34	129	134	143	142	191	219	223	246	183	157	132	122	2,021
Maryland.....	122	511	511	609	640	840	931	959	997	750	638	582	472	8,490
Virginia.....	213	579	603	647	774	942	1,081	1,066	1,063	878	746	657	499	9,535
West Virginia.....	155	284	303	368	405	571	653	599	617	496	405	313	264	5,278
North Carolina.....	220	937	916	1,100	1,090	1,439	1,557	1,496	1,358	1,084	897	666	664	14,127
South Carolina.....	66	139	165	170	192	289	320	292	314	258	202	156	107	2,604
Georgia.....	112	425	466	509	623	766	782	748	773	667	570	435	348	7,112
Florida.....	129	770	821	878	996	940	919	855	881	802	741	641	566	9,510
South Atlantic.....	1,111	4,192	4,326	4,916	5,050	6,588	7,206	6,866	7,118	5,901	5,016	4,252	3,398	64,829
Kentucky.....	142	308	305	350	378	533	579	704	578	462	422	298	249	5,166
Tennessee.....	285	637	733	822	930	1,336	1,504	1,377	1,356	1,106	1,012	717	539	12,069
Alabama.....	93	374	405	468	525	754	801	730	746	622	511	362	251	6,549
Mississippi.....	154	179	195	236	259	383	399	370	395	331	312	183	141	3,383
Arkansas.....	78	98	120	160	177	241	293	280	263	175	171	112	89	2,179
Louisiana.....	85	414	450	491	510	776	782	755	768	677	570	405	319	6,917
Oklahoma.....	144	298	395	459	554	680	762	667	643	544	480	352	285	6,119
Texas.....	290	1,216	1,403	1,755	1,884	2,463	2,617	2,539	2,628	2,202	2,029	1,494	1,258	23,487
South Central.....	1,271	3,523	4,006	4,741	5,217	7,106	7,737	7,422	7,377	6,119	5,507	3,923	3,131	65,869
Montana.....	267	116	159	183	207	257	316	382	370	262	194	153	152	2,751
Idaho.....	130	102	133	162	176	226	254	287	277	214	179	139	132	2,281
Wyoming.....	77	47	47	67	67	83	102	125	119	86	72	56	52	923
Colorado.....	200	301	345	406	428	507	589	626	642	477	453	364	333	5,471
New Mexico.....	26	56	70	84	93	107	127	124	129	101	92	69	65	1,117
Arizona.....	29	87	122	133	145	161	166	143	160	139	140	120	90	1,606
Utah.....	144	149	179	203	205	232	263	292	279	219	197	169	145	2,532
Nevada.....	15	30	40	47	53	64	79	97	93	68	50	41	35	697
Mountain.....	888	888	1,095	1,285	1,374	1,637	1,896	2,076	2,069	1,566	1,377	1,111	1,004	17,376
Washington.....	470	355	455	595	627	793	886	976	967	741	526	498	483	7,902
Oregon.....	370	310	361	487	503	681	690	809	836	640	448	408	404	6,577
California.....	875	2,068	2,513	3,150	3,241	3,484	3,943	4,278	4,180	3,510	3,335	2,761	2,326	38,789
Pacific.....	1,715	2,733	3,329	4,232	4,371	4,958	5,519	6,063	5,983	4,891	4,309	3,667	3,213	53,268
United States.....	16,497	31,842	33,334	39,348	42,724	56,763	64,576	64,979	64,802	48,799	42,902	35,821	30,094	555,984

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

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Table 2]- Ice milk: Production, by States, by months, 1950

State and division	Plants Number	January	February	March	April	May	June	July	August	September	October	November	December	Total 1950
		1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons	1000 gallons
Maine.....	6	1	2	2	2	12	11	11	10	4	4	2	-	61
Vermont.....	1/	-	1	-	1	2	5	4	4	3	2	1	-	24
Massachusetts.....	46	4	8	7	43	65	96	105	36	43	27	11	8	513
Rhode Island.....	11	1	2	3	9	15	20	27	19	7	6	3	1	106
Connecticut.....	50	9	9	12	21	43	43	52	50	26	15	14	9	303
New England 2/.....	119	15	22	24	76	137	175	192	179	84	57	31	13	1,010
Ohio.....	273	56	51	49	73	101	136	143	147	84	109	66	61	1,076
Indiana.....	29	11	11	13	15	21	23	29	31	22	21	15	11	223
Illinois.....	217	87	94	121	138	268	375	374	356	193	168	135	76	2,385
East North Central.....	519	154	156	133	226	390	534	546	534	299	298	215	148	3,684
Minnesota.....	101	38	63	55	46	66	97	73	84	51	31	23	17	644
Iowa.....	115	27	29	42	49	103	116	104	115	78	75	45	29	812
Missouri.....	80	36	51	62	73	103	127	118	160	104	92	60	42	1,033
North Dakota.....	24	4	5	7	9	10	12	12	12	11	8	7	4	101
South Dakota.....	16	4	4	4	8	11	12	9	12	8	5	3	27	84
Nebraska.....	115	19	22	37	45	61	81	77	80	57	56	33	27	595
Kansas.....	129	16	22	43	38	119	137	137	136	110	53	43	27	973
West North Central.....	580	144	196	250	323	473	582	530	599	419	360	214	150	4,240
West Virginia.....	22	19	13	20	27	89	6	40	53	47	32	25	9	380
North Carolina.....	90	78	77	92	130	148	171	176	190	175	160	124	87	1,608
South Carolina.....	29	15	16	13	18	33	31	28	34	27	23	19	11	268
Georgia.....	46	41	42	46	52	135	139	130	134	118	105	75	54	1,071
Florida.....	35	23	26	31	34	42	41	32	38	37	31	29	24	388
South Atlantic 2/.....	224	177	175	203	252	449	390	408	452	406	352	274	186	3,734
Kentucky.....	40	14	17	18	22	31	40	51	46	33	26	19	15	332
Tennessee.....	138	35	42	58	78	126	136	139	143	114	90	55	35	1,051
Alabama.....	73	59	73	76	88	148	166	158	170	136	114	80	54	1,322
Mississippi.....	136	45	43	60	60	94	110	98	113	94	97	60	37	911
Arkansas.....	37	8	9	14	19	22	26	26	27	23	16	14	9	213
Louisiana.....	50	26	32	30	36	64	69	64	54	58	43	28	17	521
Oklahoma.....	76	26	38	49	65	73	83	87	84	70	67	46	28	716
Texas.....	153	77	75	106	116	147	162	164	183	142	121	53	56	1,482
South Central.....	703	290	329	411	484	705	792	787	820	670	574	395	291	6,548
Idaho.....	159	12	19	28	33	62	72	90	83	65	41	27	21	553
Colorado.....	39	10	12	20	30	37	46	49	53	31	28	14	12	342
New Mexico.....	25	10	13	16	19	25	28	32	27	24	22	14	12	242
Arizona.....	34	23	31	33	43	46	46	48	53	43	39	34	27	466
Utah.....	72	18	26	38	44	57	75	77	79	63	41	34	23	575
Nevada.....	15	6	8	10	15	16	23	32	31	22	16	11	8	138
Mountain.....	344	79	109	145	184	243	293	328	326	248	187	134	103	2,379
Washington.....	171	47	70	103	121	178	200	228	223	176	92	92	84	1,614
Oregon.....	344	50	60	103	121	173	192	220	217	165	98	73	62	1,534
California.....	1,195	518	637	876	997	1,086	1,229	1,409	1,360	1,190	1,068	777	640	11,787
Pacific.....	1,710	615	767	1,032	1,239	1,437	1,621	1,857	1,800	1,531	1,258	942	786	14,935
UNITED STATES.....	4,199	1,474	1,754	2,298	2,794	3,834	4,387	4,648	4,710	3,657	3,086	2,206	1,682	36,530

1/ Either 3 or 4 plants reporting.
2/ Includes production for some States not shown separately.

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Table 24—Plant numbers: Numbers reporting the manufacture of certain dairy products, United States, 1936-1950

Manufactured product	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Butter:															
Creamery	4,558	4,660	4,671	4,646	4,692	4,619	4,435	4,334	4,022	3,763	3,550	3,415	3,224	3,141	3,059
Renovated or processed	5	5	6	4	4	6	6	4	5	5	5	3	3	3	3
Cheese:															
American:															
Cheddar	1/	1/	1/	1/	1/	1/	1/	1/	2,077	1,959	1,741	1,808	1,671	1,604	1,557
Other varieties, whole milk	1/	1/	1/	1/	1/	1/	1/	1/	164	224	406	202	169	176	186
Total, whole milk	2,170	2,112	2,158	2,284	2,100	2,405	2,464	2,200	2,144	2,014	1,835	1,893	1,750	1,682	1,627
Part skim	59	55	55	50	55	45	45	54	56	19	56	19	26	15	16
Swiss, including block	268	230	272	270	272	277	269	243	229	233	235	261	270	277	264
Monster	57	80	82	67	75	61	76	68	95	79	91	73	68	71	79
Brick	391	397	354	333	310	257	242	264	227	185	127	185	174	153	141
Limburger	121	109	101	102	93	82	85	67	58	53	60	63	55	44	34
All Italian varieties	59	66	97	88	101	127	128	131	159	306	241	199	148	156	167
Cream	78	70	61	60	61	62	59	62	41	50	57	54	46	41	49
Neufchatel	1/	1/	1/	1/	1/	1/	1/	1/	14	8	12	13	13	13	
Blue mold	-	-	-	-	-	-	-	-	24	38	24	35	24	22	23
All other varieties	65	71	84	84	91	107	101	114	105	123	137	111	102	109	97
Total	1/	1/	1/	1/	1/	1/	1/	1/	2,856	2,505	2,455	2,430	2,293	2,207	2,159
Full-skim Am. type cheese	12	6	12	12	10	7	18	32	37	35	35	23	21	15	20
Cottage, pot. & bakers'	1,297	1,430	1,006	1,695	1,783	1,900	1,904	1,698	1,652	1,603	1/	1/	1/	1/	1/
Cottage cheese:															
Curd 1/2	-	-	-	-	-	-	-	-	-	-	1,394	1,491	1,582	1,738	1,899
Crested 1/2	-	-	-	-	-	-	-	-	-	-	99	1,117	1,240	1,335	1,570
Condensed milk:															
Sweetened:															
Case goods:															
Skimmed	2	1	1	1	1	6	7	5	1	2	2	3	2	0	1
Unskimmed	20	18	20	14	13	19	18	11	14	14	16	21	20	16	12
Bulk goods:															
Skimmed	140	144	160	160	163	165	200	210	240	255	326	346	263	253	239
Unskimmed	72	75	87	85	85	90	95	90	91	101	85	114	107	105	87
Unsweetened:															
Bulk goods:															
Skimmed	252	262	275	282	279	294	311	321	359	340	338	360	385	385	383
Unskimmed	120	111	122	125	118	120	122	135	136	127	114	131	132	129	144
Evaporated milk, unsweetened:															
Case goods:															
Skimmed	2	4	0	0	0	5	2	2	1	1	2	3	4	4	5
Unskimmed	137	145	143	143	142	147	154	146	144	145	142	135	136	132	122
Concentrated skim milk for animal feed	27	22	24	19	23	26	20	28	21	21	17	17	17	15	14
Condensed or evaporated buttermilk	87	101	99	113	119	119	115	117	109	98	100	106	104	105	112
Dry milk:															
Whole milk	40	43	44	57	51	65	59	93	97	82	88	102	87	80	75
Nonfat dry milk solids:															
Spray process 5/	-	-	-	-	-	-	-	134	148	167	176	183	191	207	225
Roller process 5/	-	-	-	-	-	-	-	167	183	179	164	135	288	293	288
Total nonfat for human food	208	240	258	258	273	307	419	468	498	498	466	453	435	459	458
Skim milk, for animal feed	266	288	322	306	321	294	306	272	298	261	242	254	213	235	205
Part skim dry milk solids	1/	1/	1/	1/	1/	1/	1/	1/	26	0	3	4	4	6	
Ice cream mix	1/	1/	1/	1/	1/	1/	1/	1/	6	12	6	6	9	14	15
Buttermilk	310	332	319	307	324	327	334	312	334	309	266	256	248	250	236
Cream	3	2	3	3	3	4	4	4	4	3	5	4	8	4	8
Whey	35	35	36	35	37	35	35	39	46	42	44	56	59	65	69
Casein	552	604	566	315	203	187	174	112	72	47	58	62	59	52	50
Malted milk powder	8	10	9	9	8	10	8	10	9	9	8	9	10	9	9
Milk sugar, crude	1/	1/	1/	1/	1/	1/	1/	1/	12	12	14	15	15	17	18
Frozen products:															
Ice cream:															
Wholesale 5/	-	-	-	-	4,191	3,975	3,740	3,594	3,654	3,693	3,650	3,768	3,787	3,309	3,271
Retail 5/	-	-	-	-	10,352	12,726	12,820	11,416	11,289	11,388	11,452	11,688	12,172	12,665	13,225
Total	4,441	6,686	10,342	12,730	14,543	15,816	15,683	14,167	14,006	14,186	14,257	14,569	14,993	15,674	16,497
Sherbet, milk	1,379	1,864	4,029	5,895	5,156	4,932	4,608	5,885	4,914	4,306	4,359	2,795	3,149	3,722	4,108
Ice milk	1/	1/	1/	1/	1,715	1,772	1,574	1,288	1,114	1,072	1,047	1,407	1,818	3,212	4,199
Other frozen dairy products	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Custards	1/	1/	1/	1/	284	364	385	458	375	413	431	728	402	7/1,698	7/1,930
Frosted malted milk	1/	1/	1/	1/	2,127	2,356	1,959	1,588	1,355	1,287	1,183	1,406	1,336	7/	7/

1/ Not available.
 2/ Plants included with those of "all other varieties of cheese" prior to 1943.
 3/ Data not gathered on comparable basis with previous years. Cottage cheese curd and crested cottage cheese.
 4/ Comparable data for years prior to 1940 not available.
 5/ Spray and roller process not reported separately prior to 1943.
 6/ Wholesale and retail ice cream were not separated on this basis prior to 1940.
 7/ Previous to 1949, separate figures were published on the production of frozen custards and frosted malted milk. Beginning with 1949, these two classifications were dropped and the production of frozen custards and frosted malted milk that did not meet the minimum standard for ice cream in States where produced were included in the classification "Other frozen dairy products." Because of this, the 1949 and 1950 production of "Other frozen dairy products" is not comparable with similar classification in preceding years.

Table 25 - Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1936-1950

Creamery Butter (including whey butter)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936.....	110,666	108,744	121,543	133,290	177,847	190,699	156,463	141,556	133,021	135,493	111,535	108,550	1,629,407
1937.....	107,957	102,963	121,074	131,396	181,700	198,191	171,667	147,069	128,266	118,878	103,242	111,548	1,623,971
1938.....	116,122	112,340	128,735	147,628	197,259	202,528	185,099	168,688	151,081	130,999	116,841	122,852	1,746,172
1939.....	130,671	124,650	142,550	147,525	197,089	202,549	182,151	167,038	133,755	123,243	112,251	118,265	1,781,737
1940.....	129,558	128,143	140,730	153,628	195,332	206,555	187,687	167,704	146,247	136,812	117,783	126,647	1,836,826
1941.....	135,143	129,804	147,507	162,490	214,206	210,250	194,611	168,787	146,430	133,695	112,566	116,694	1,872,183
1942.....	119,085	116,963	134,976	147,857	200,313	202,159	187,494	168,210	138,300	124,770	106,548	116,779	1,764,054
1943.....	122,661	120,089	140,218	149,254	186,204	200,896	180,952	151,021	125,366	106,985	93,042	97,100	1,673,788
1944.....	104,370	106,226	124,770	130,652	172,403	177,967	153,175	131,042	113,471	100,610	85,995	87,821	1,488,502
1945.....	98,297	91,325	109,001	122,215	160,170	171,354	155,754	133,262	99,876	87,771	68,368	65,824	1,363,717
1946.....	69,083	66,333	77,187	93,382	115,988	120,932	130,208	118,041	107,282	100,742	82,635	89,526	1,171,339
1947.....	98,237	94,508	111,724	117,203	148,318	156,345	148,007	116,593	100,238	91,717	69,622	76,562	1,329,094
1948.....	80,051	77,892	90,350	100,806	133,095	134,364	125,137	115,871	95,575	91,872	80,353	84,958	1,210,324
1949 1/2.....	92,488	93,570	111,634	124,619	161,900	155,638	135,258	129,056	114,828	103,557	92,297	96,666	1,412,114
1950.....	101,341	97,976	121,842	128,642	157,175	165,081	146,041	124,786	100,714	89,251	75,555	77,886	1,386,290

Total American Cheese (made from whole milk)

1936.....	28,881	26,211	30,804	35,324	53,008	64,145	51,029	45,228	44,933	45,629	33,088	29,296	487,576
1937.....	28,515	27,785	32,262	39,001	56,268	64,454	55,706	48,824	42,701	38,875	30,209	27,401	492,041
1938.....	30,535	30,670	38,884	48,469	70,203	74,363	65,881	55,082	44,277	43,069	30,173	28,276	580,542
1939.....	29,575	28,900	36,311	43,649	62,189	70,739	61,834	54,895	46,046	40,687	31,662	30,761	537,298
1940.....	32,280	33,945	41,704	48,996	67,702	77,343	68,321	59,776	53,460	47,923	36,073	35,267	602,750
1941.....	38,329	37,830	47,086	56,155	81,960	85,022	78,050	75,972	70,824	66,996	56,347	58,551	753,122
1942.....	62,292	63,939	78,049	91,670	119,919	112,734	96,419	85,243	67,523	56,492	41,851	40,719	914,850
1943.....	44,716	45,890	57,333	66,999	90,795	100,132	87,333	75,678	64,670	51,783	39,415	40,745	765,089
1944.....	43,047	46,047	58,483	68,967	95,405	103,171	89,899	76,504	66,804	59,878	48,678	47,814	804,787
1945.....	51,017	51,779	65,975	82,336	108,465	112,153	100,557	87,909	71,162	58,940	43,894	40,887	875,084
1946.....	43,293	43,876	53,410	65,750	93,353	97,657	88,312	80,999	69,855	61,882	51,683	51,194	801,264
1947.....	55,217	59,790	70,399	90,610	115,403	123,026	111,021	84,648	69,685	61,929	43,315	41,615	932,718
1948.....	44,951	46,955	58,160	72,083	103,926	107,287	95,556	90,159	71,476	62,225	49,087	52,582	854,447
1949 1/2.....	57,491	57,954	71,160	86,157	118,657	116,168	97,869	88,296	74,997	62,538	51,753	51,856	935,206
1950.....	54,497	54,551	71,031	84,418	107,967	116,921	102,584	86,154	67,425	56,997	45,277	45,107	892,929

Swiss Cheese (including Block)

1936.....	1,707	1,370	2,102	3,238	5,066	5,641	4,297	3,744	3,821	4,263	2,795	2,034	40,078
1937.....	1,918	1,870	2,572	3,534	5,539	6,078	5,131	4,179	3,509	3,186	2,178	1,810	41,504
1938.....	1,504	1,508	2,201	3,320	5,491	6,075	5,421	4,772	4,102	3,798	2,734	2,098	43,084
1939.....	1,916	1,786	2,471	3,362	5,375	5,827	4,998	4,077	3,924	3,432	2,677	2,206	42,631
1940.....	2,032	2,072	2,901	3,874	5,644	6,294	5,712	5,337	4,784	4,290	3,092	2,627	48,659
1941.....	2,560	2,547	3,656	4,899	7,107	7,152	6,306	5,020	5,035	4,644	3,468	2,968	55,962
1942.....	2,704	2,684	3,812	4,902	7,002	6,667	5,846	5,262	4,576	4,016	2,831	2,259	52,561
1943.....	2,987	2,054	2,931	3,856	5,669	6,130	5,411	4,725	4,326	3,548	2,629	2,210	45,626
1944.....	2,012	2,095	3,107	3,956	5,580	5,900	5,378	4,040	4,144	3,841	2,729	2,189	45,571
1945.....	2,189	2,170	3,134	4,375	6,211	6,496	6,005	5,265	4,649	4,179	2,947	2,445	50,065
1946.....	2,294	2,330	3,596	4,768	6,783	6,933	6,307	5,810	5,282	4,764	3,570	3,258	55,695
1947.....	3,249	3,561	5,885	6,732	8,905	9,382	8,200	6,437	5,959	5,389	4,002	3,251	71,612
1948.....	3,784	3,898	5,344	6,424	8,739	8,996	7,573	6,828	5,939	5,318	4,015	3,807	70,665
1949.....	3,967	4,085	5,941	7,121	9,825	9,517	8,070	8,017	7,092	6,192	5,101	5,209	81,043
1950.....	5,697	5,928	8,101	9,186	11,083	11,619	10,809	9,717	8,150	7,655	5,992	5,546	99,483

Table 25- Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1936-1950 -Continued

Brick Cheese

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	
1936.....	2,429	2,203	2,615	2,721	3,311	3,559	2,751	2,179	2,112	2,277	2,085	2,134	30,436
1937.....	2,220	2,191	2,550	2,070	3,106	3,237	2,588	1,918	1,689	1,906	1,985	2,127	28,193
1938.....	1,863	1,670	1,871	2,149	3,030	2,894	2,498	2,157	1,889	2,086	1,921	2,033	26,067
1939.....	2,018	1,950	2,494	2,732	3,276	3,404	2,647	2,190	1,768	1,738	1,754	1,960	27,937
1940.....	2,003	1,951	2,243	2,381	2,973	3,265	2,414	1,835	1,621	1,644	1,654	1,982	25,966
1941.....	1,980	1,849	2,073	2,224	2,751	2,609	2,108	1,752	1,660	1,747	1,757	2,130	24,640
1942.....	1,822	1,758	1,933	1,903	2,208	1,669	1,411	1,294	1,301	1,408	1,337	1,424	19,588
1943.....	1,209	1,242	1,705	1,832	1,904	1,915	1,632	1,446	1,495	1,536	1,463	1,653	19,032
1944.....	1,884	1,801	1,884	1,805	1,921	1,984	1,104	924	803	898	828	828	16,244
1945.....	728	646	645	618	677	738	628	503	501	553	579	626	7,442
1946.....	582	516	573	552	686	735	650	532	702	612	625	1,109	6,443
1947.....	1,485	1,445	1,801	1,781	1,661	1,441	1,101	1,129	984	1,278	1,245	1,451	16,802
1948.....	1,628	1,689	1,461	1,383	1,715	1,781	1,370	1,201	1,163	1,421	1,600	1,786	18,198
1949.....	1,836	1,637	1,852	1,859	2,130	1,796	1,501	1,323	1,314	1,379	1,699	1,999	20,276
1950.....	1,948	1,720	1,684	1,663	1,924	1,951	1,586	1,423	1,261	1,422	1,425	1,590	19,597

Munster Cheese

1936.....	686	719	776	758	749	678	451	404	490	636	614	684	7,645
1937.....	736	656	795	693	722	613	515	400	420	595	647	658	7,450
1938.....	832	792	916	874	968	871	570	497	490	661	691	766	8,928
1939.....	909	719	752	716	656	588	440	385	384	492	580	621	7,032
1940.....	737	714	860	816	750	689	537	508	582	669	646	794	8,382
1941.....	679	651	865	813	657	540	475	421	447	599	668	611	7,426
1942.....	827	866	976	890	952	737	589	557	522	655	733	846	9,210
1943.....	917	914	1,127	837	511	507	494	494	564	701	816	1,064	8,946
1944.....	1,291	1,259	1,245	1,090	1,085	899	732	620	585	725	794	906	11,191
1945.....	931	747	634	447	444	497	461	302	452	663	807	929	7,314
1946.....	960	715	738	572	736	730	653	622	714	848	917	1,030	9,235
1947.....	873	832	1,213	1,008	866	757	686	573	531	660	798	934	9,731
1948.....	761	685	728	755	794	792	542	440	459	673	743	916	8,308
1949.....	802	792	1,103	1,027	885	823	656	655	662	839	916	938	10,098
1950.....	851	994	1,170	958	825	824	625	706	646	820	953	1,179	10,551

Italian Varieties of Cheese

1936.....	883	791	1,024	1,127	1,202	1,161	938	854	937	943	734	767	11,361
1937.....	859	902	1,321	1,079	1,291	1,376	1,127	1,069	1,082	1,078	1,100	1,236	13,520
1938.....	1,106	1,087	1,302	1,660	1,514	1,440	1,353	1,331	1,275	1,447	1,402	1,540	16,461
1939.....	1,560	1,561	1,944	1,898	2,023	1,905	1,765	1,599	1,535	1,643	1,451	1,625	20,509
1940.....	1,655	1,802	2,440	1,380	2,009	2,002	1,942	1,816	1,757	2,112	2,389	3,098	25,002
1941.....	2,851	2,591	2,943	3,387	3,155	2,896	2,547	2,611	2,705	3,006	2,727	2,944	34,363
1942.....	2,955	2,996	3,973	3,775	3,109	2,719	2,496	2,450	2,354	2,420	2,530	3,139	34,916
1943.....	3,176	3,397	4,185	4,759	4,178	3,890	3,596	3,320	3,347	3,074	2,590	3,497	43,003
1944.....	3,692	4,034	4,755	4,569	3,981	3,086	2,809	2,749	2,701	2,973	3,044	3,369	41,762
1945.....	4,445	4,339	6,045	5,912	6,516	8,368	8,423	4,724	3,974	4,441	3,767	4,628	64,628
1946.....	5,061	4,907	6,740	6,073	8,967	9,570	7,917	6,438	5,195	4,567	4,066	3,887	75,388
1947.....	3,338	4,425	4,220	3,083	2,083	2,678	2,719	2,561	2,719	2,988	3,002	3,811	36,100
1948.....	3,414	3,465	4,975	3,941	4,191	3,622	3,028	2,840	2,823	3,347	3,540	4,393	43,579
1949.....	3,994	4,318	5,698	6,137	5,137	4,182	3,828	3,965	4,163	3,650	4,205	5,386	54,863
1950.....	5,343	5,615	6,983	6,441	5,581	4,576	3,984	4,434	4,450	4,570	4,579	5,289	61,845

Table 29- Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1930-1950 -Continued.

Limburger Cheese

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936.....	676	618	838	1,033	1,447	1,534	1,037	891	1,045	1,175	917	771	11,982
1937.....	614	531	557	490	899	1,120	832	643	638	697	589	555	8,165
1938.....	488	452	612	786	1,185	1,174	912	781	759	851	686	621	9,307
1939.....	555	506	661	837	1,152	1,034	827	768	731	722	609	569	8,971
1940.....	525	494	628	734	1,015	1,058	823	645	645	634	518	479	8,198
1941.....	478	424	571	742	922	894	696	680	665	754	645	617	8,088
1942.....	658	698	909	1,041	1,117	858	563	511	570	593	471	446	8,441
1943.....	372	377	526	529	664	792	674	556	626	661	458	418	6,653
1944.....	433	443	531	609	710	802	697	669	682	700	638	596	7,510
1945.....	613	554	697	762	928	938	847	762	755	753	623	545	8,777
1946.....	579	689	734	932	912	912	850	951	916	1,003	770	689	9,548
1947.....	559	583	891	841	936	899	570	390	386	617	512	569	7,753
1948.....	564	565	737	681	807	707	555	541	550	630	479	542	7,358
1949.....	580	626	745	612	596	490	450	497	629	613	690	652	7,180
1950.....	610	599	622	508	504	537	505	428	409	525	397	359	6,003

Cream and Neufchatel Cheese

1936.....	3,499	3,497	3,917	3,441	3,376	3,451	3,082	2,902	3,069	3,259	3,502	3,453	40,448
1937.....	3,768	4,065	4,558	3,766	4,044	3,824	3,429	3,195	3,124	3,492	3,534	3,188	43,987
1938.....	3,891	3,908	4,395	3,626	3,562	3,995	3,038	3,337	3,359	3,496	3,946	3,503	44,056
1939.....	3,894	4,418	4,849	3,647	3,995	3,765	3,015	3,857	3,504	3,932	4,158	4,287	47,961
1940.....	4,339	4,347	4,666	4,050	4,515	3,672	3,797	3,635	4,031	4,405	5,036	4,682	51,183
1941.....	4,922	4,812	5,260	3,965	4,410	3,982	3,370	3,219	3,613	4,139	4,063	4,257	50,012
1942.....	4,190	4,103	4,461	3,781	4,184	3,748	3,476	4,079	3,402	4,050	3,930	4,150	47,554
1943.....	5,159	4,766	6,049	6,445	6,985	5,117	5,346	5,575	5,878	6,626	6,327	6,178	70,451
1944.....	6,467	5,069	5,440	5,459	4,659	4,688	4,134	4,269	5,123	5,276	4,926	4,930	60,440
1945.....	5,634	5,037	5,193	5,772	6,204	5,999	5,620	5,459	5,437	6,125	5,172	5,260	66,912
1946.....	6,095	6,238	7,139	7,492	7,554	7,300	6,902	5,729	5,976	7,307	6,022	5,049	78,803
1947.....	5,919	5,466	6,690	5,373	5,733	6,538	6,004	5,370	4,635	5,152	5,296	5,307	66,503
1948.....	5,511	4,715	5,344	4,990	5,333	4,835	3,309	3,968	4,169	4,965	4,799	4,878	56,816
1949.....	5,317	4,875	5,635	4,868	4,880	4,539	4,027	4,526	4,612	4,599	5,116	5,501	58,495
1950.....	6,224	5,571	6,524	5,539	5,427	5,499	5,353	5,231	5,356	5,947	6,299	6,489	69,459

Other Varieties of Cheese (not including Cottage, Pot. & Bakers' Cheese)

1936.....	658	561	715	543	551	516	465	493	563	782	683	684	7,234
1937.....	720	767	730	670	795	743	633	637	777	957	845	897	9,171
1938.....	874	874	972	839	878	914	862	964	886	947	958	1,087	11,055
1939.....	1,062	957	1,089	954	1,082	1,048	775	941	899	1,064	1,032	1,038	11,941
1940.....	859	829	884	784	901	885	796	873	1,008	1,139	1,210	1,272	11,440
1941.....	1,361	1,400	1,590	1,547	1,594	1,482	1,501	1,336	1,476	1,608	1,628	1,880	18,409
1942.....	1,882	1,778	1,762	1,648	1,516	1,417	1,267	1,406	1,461	1,742	1,677	1,879	19,435
1943.....	1,754	1,640	2,083	2,013	1,924	1,661	1,447	1,489	1,661	1,796	1,866	2,454	21,788
1944.....	1,899	1,748	2,005	1,987	1,947	1,569	1,468	1,418	1,439	1,687	1,732	1,760	20,659
1945.....	2,058	1,973	2,230	2,161	2,318	2,141	1,911	1,788	1,885	2,430	2,274	2,455	25,624
1946.....	3,090	3,381	3,820	6,503	6,440	5,938	4,822	3,393	3,076	3,127	2,772	2,398	52,824
1947.....	2,254	2,366	2,378	2,103	1,917	1,891	1,932	1,696	1,792	1,956	1,874	2,082	24,241
1948.....	2,294	2,383	2,507	2,428	2,536	2,192	1,910	1,545	1,899	2,193	2,193	2,318	25,719
1949.....	2,153	1,787	2,190	2,232	2,083	1,779	1,620	1,824	2,050	2,023	1,884	1,742	23,369
1950.....	1,686	1,866	2,042	1,971	1,834	1,640	1,559	1,649	1,638	2,192	2,289	2,148	22,714

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Table 25- Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1930-1950 -Continued

Year	Total Cheese (not including American Full-Skim Cottage, Pot. & Bakers' Cheese)												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	39,942	36,427	43,197	48,756	69,392	81,353	64,520	57,116	57,321	59,285	44,724	40,141	642,274
1937	39,603	38,993	45,069	52,326	73,274	82,054	70,457	61,253	54,282	51,222	41,442	38,250	648,825
1938	41,600	41,389	51,635	62,407	87,675	92,348	81,091	69,910	57,342	56,701	42,875	40,354	725,325
1939	41,713	41,204	50,979	58,263	80,356	88,833	77,266	69,589	59,027	53,872	44,143	43,282	708,527
1940	44,697	46,386	50,538	63,931	86,106	95,786	84,714	74,781	68,187	63,072	50,835	50,457	785,490
1941	53,490	52,462	64,359	74,120	102,976	104,974	95,383	91,919	86,784	83,857	71,560	74,277	956,161
1942	77,613	79,062	96,100	110,051	140,598	132,178	112,527	101,135	81,946	71,534	55,492	55,018	1,112,314
1943	60,140	61,087	77,087	88,033	113,842	121,525	107,161	94,213	83,448	70,627	56,564	59,567	993,294
1944	61,966	63,431	78,191	89,400	116,431	122,408	107,070	92,370	82,699	76,494	63,894	62,893	1,017,247
1945	67,832	67,928	85,227	103,205	132,946	138,706	125,774	107,644	89,613	78,849	60,831	58,217	1,116,772
1946	62,882	63,418	80,071	98,095	127,243	131,345	117,793	105,957	92,845	85,379	71,682	69,637	1,106,347
1947	74,291	78,315	100,230	114,131	140,568	148,142	133,288	103,994	87,746	80,897	60,898	60,445	1,182,946
1948	93,742	95,186	80,259	94,018	129,753	131,872	114,677	108,520	89,417	81,527	67,335	72,050	1,098,356
1949 1/2	76,993	76,891	95,086	110,961	145,294	140,185	119,228	109,579	95,091	82,917	72,241	73,976	1,199,442
1950	77,848	77,620	99,132	111,791	136,192	144,478	127,679	110,424	90,221	80,836	67,927	68,409	1,192,597

Cottage, Pot. & Bakers' Cheese 1/2

1936	5,484	9,031	11,253	10,499	11,347	11,176	11,309	10,171	9,653	9,451	8,934	8,942	120,050
1937	9,328	10,990	12,450	11,670	12,580	12,280	11,928	11,122	10,528	10,086	9,773	9,620	132,355
1938	9,975	10,165	13,834	12,919	13,009	13,140	12,536	12,749	11,400	11,499	11,007	11,082	143,315
1939	11,876	12,772	16,051	14,107	15,206	14,781	14,371	13,954	13,741	13,696	12,899	12,899	166,720
1940	12,525	14,506	15,716	14,777	15,933	15,882	15,679	15,041	13,462	14,106	12,712	13,858	174,257
1941	14,051	17,899	17,203	17,883	17,302	16,971	15,971	15,851	14,599	14,377	13,109	13,670	187,595
1942	14,247	15,117	18,069	16,878	18,195	18,424	18,424	16,934	15,639	15,710	14,345	15,064	196,799
1943	15,417	16,084	21,199	21,674	22,170	22,305	20,412	18,638	16,637	14,204	16,637	12,823	213,910
1944	14,400	15,673	18,541	19,073	23,810	22,978	20,563	18,131	17,234	18,408	17,098	17,805	224,374
1945	19,752	21,134	26,367	27,303	30,906	28,437	25,026	19,098	19,462	17,324	17,287	17,287	284,774
1946	Curd	17,814	18,416	23,110	24,121	27,072	27,389	22,898	19,077	18,153	18,097	14,752	246,303
1946	Creamed	16,409	16,162	19,994	20,548	20,711	20,222	18,888	16,367	16,286	15,828	15,822	209,893
1947	Curd	16,655	16,773	19,903	19,373	20,954	20,457	18,445	15,994	16,769	15,022	15,391	215,302
1947	Creamed	17,228	18,452	21,098	20,408	21,412	20,617	20,528	19,814	18,471	18,610	17,245	230,597
1948	Curd	17,607	19,372	22,540	22,355	24,723	25,233	23,612	22,093	20,763	20,132	18,768	255,639
1948	Creamed	18,685	19,792	22,560	21,624	22,105	21,922	22,545	21,187	20,151	20,311	19,397	249,236
1949	Curd 1/2	19,684	21,156	27,203	25,323	27,661	26,822	25,301	23,975	22,804	22,480	21,008	283,938
1949	Creamed 1/2	20,493	21,003	27,778	25,733	26,410	26,643	25,104	24,366	22,553	22,909	21,900	287,067
1950	Curd	23,037	24,705	29,319	28,097	30,600	29,257	28,511	27,562	25,141	27,096	24,968	322,692
1950	Creamed	25,068	26,617	32,182	30,510	32,843	31,357	31,649	30,193	27,386	29,437	26,559	351,678

Evaporated Whole Milk (case)

1936	117,253	113,951	148,174	178,657	235,361	254,858	200,279	181,209	184,136	186,141	129,736	114,004	2,043,759
1937	115,152	126,509	153,290	184,829	239,136	252,535	205,752	182,506	184,376	184,126	92,322	104,012	1,902,545
1938	127,302	131,765	171,443	203,219	285,673	278,601	227,443	185,308	151,122	125,000	102,056	114,739	2,104,198
1939	131,320	139,717	179,848	203,867	253,215	268,840	220,600	190,902	158,271	144,568	123,694	139,759	2,170,601
1940	158,212	171,125	201,286	225,606	273,824	293,173	259,114	229,696	197,991	171,881	134,192	148,668	2,464,668
1941	172,262	169,493	208,296	254,215	354,803	350,063	310,791	307,855	290,634	281,683	259,768	286,604	3,246,547
1942	314,920	304,804	340,999	361,154	445,605	397,507	324,349	270,024	221,679	203,114	165,956	178,333	3,518,504
1943	202,144	208,515	251,464	285,306	371,455	381,303	321,738	275,088	233,200	189,732	155,009	171,260	3,057,274
1944	190,541	208,008	266,207	317,361	412,466	410,951	359,380	308,234	275,303	243,118	211,243	225,177	3,428,089
1945	251,924	253,259	327,332	388,031	477,734	476,915	431,843	358,559	269,744	210,628	165,628	165,061	3,776,383
1946	170,433	178,694	231,524	294,982	373,214	380,880	335,448	292,433	240,373	195,086	167,610	183,929	3,050,643
1947	203,556	210,879	269,412	323,953	416,348	415,841	354,491	264,611	224,850	206,249	157,117	160,727	3,208,027
1948	176,981	193,800	271,340	332,363	447,501	440,504	380,308	349,280	273,973	221,710	151,414	143,359	3,342,893
1949	156,513	160,861	225,893	266,786	358,577	350,514	306,989	273,573	214,813	168,754	133,540	149,347	2,755,780
1950	167,450	184,473	240,068	299,530	347,611	350,624	303,067	282,832	232,155	199,430	157,764	157,471	2,842,475

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Table 25—Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1936-1950—Continued

Year	Sweetened Condensed Whole Milk (Case)												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	3,741	3,939	3,970	4,473	4,695	4,098	3,803	4,472	4,209	3,041	3,241	3,559	47,301
1937	4,208	3,593	3,491	3,012	4,702	4,354	3,977	3,888	3,875	4,200	3,341	4,205	47,446
1938	3,646	3,171	4,104	4,089	4,001	3,139	3,053	3,102	2,981	2,737	3,323	2,933	41,539
1939	3,218	2,998	3,074	3,037	2,736	2,607	2,777	2,374	4,227	3,251	2,284	2,149	34,732
1940	2,557	3,250	3,313	2,770	4,606	5,957	0,774	0,062	6,552	7,711	0,147	6,256	61,955
1941	7,015	7,084	10,300	10,535	11,628	10,075	11,575	10,784	5,915	10,107	8,412	6,682	114,772
1942	2,974	3,719	5,052	3,915	4,006	5,658	6,740	7,964	0,018	4,959	4,655	0,787	62,453
1943	7,995	8,405	9,416	10,987	11,636	12,360	10,270	9,990	9,376	9,862	8,382	8,588	117,247
1944	8,795	9,451	11,823	13,982	16,323	10,344	12,835	11,801	10,472	9,754	8,933	8,632	139,145
1944	9,542	8,541	11,242	13,939	15,775	15,384	14,224	13,625	11,086	9,308	8,834	8,834	143,306
1945	8,689	8,255	9,997	11,816	12,532	12,759	10,746	10,307	8,183	7,506	6,271	6,785	113,906
1946	9,047	7,857	9,581	11,593	12,917	12,961	16,427	19,440	21,085	18,988	12,646	12,646	164,733
1947	9,013	9,501	10,857	13,804	12,916	11,570	10,521	11,725	9,680	8,329	7,447	9,932	126,295
1948	9,269	10,888	12,999	11,670	10,481	9,749	8,132	7,959	5,721	4,580	4,513	4,941	100,902
1949	3,928	5,235	6,038	6,906	5,320	5,155	4,854	6,176	5,878	5,207	3,596	3,620	61,973

Year	Nonfat Dry Milk Solids (for human consumption)												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	13,319	13,410	16,601	19,542	25,165	27,260	19,124	17,019	16,448	19,622	16,129	17,982	223,827
1937	18,495	15,790	19,071	22,211	28,848	29,011	24,442	19,035	17,046	16,049	13,731	18,382	244,511
1938	20,327	18,724	23,455	27,580	34,555	32,482	27,621	23,212	22,762	22,548	17,354	18,701	289,121
1939	20,108	18,401	22,502	24,048	30,666	31,489	24,360	20,260	18,848	18,017	18,041	21,124	267,860
1940	24,495	23,370	27,442	29,036	35,358	36,578	31,094	26,631	22,157	19,030	22,564	22,088	321,643
1941	25,714	25,715	31,142	34,449	43,781	41,740	31,953	29,293	27,016	25,253	22,812	27,543	366,455
1942	33,900	36,198	47,429	54,808	71,617	68,846	58,696	52,999	43,046	36,664	28,622	31,829	565,414
1943	33,820	37,302	48,972	56,700	68,325	66,768	54,425	42,985	32,942	24,121	18,285	22,975	509,620
1944	26,006	28,877	48,771	59,598	77,948	80,204	67,379	51,909	41,249	35,685	29,551	35,675	582,912
1945	42,522	42,833	59,214	76,831	88,475	87,982	70,288	51,852	40,814	31,492	24,581	31,662	642,546
1946	38,762	41,191	57,533	72,816	93,952	90,038	74,003	56,005	38,319	28,829	25,023	36,994	653,465
1947	44,774	49,643	66,515	74,341	88,311	95,472	81,322	51,885	41,286	31,157	20,586	32,049	677,941
1948	38,053	40,118	55,683	69,196	95,089	84,890	69,502	52,977	39,892	38,779	37,173	50,180	681,532
1949	55,556	59,876	81,019	98,563	123,894	114,350	90,705	79,963	64,299	54,723	50,200	61,725	934,934
1950	68,120	68,391	88,131	103,663	120,538	122,220	94,885	64,178	44,827	36,281	30,923	38,921	881,078

Year	Dry Skim Milk (for animal feed)												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	7,445	7,450	9,504	11,447	14,872	16,002	12,530	9,895	10,008	9,867	7,883	8,820	125,723
1937	9,773	9,907	13,529	13,584	17,580	16,120	11,804	8,254	8,105	6,820	5,469	7,247	127,692
1938	10,573	12,361	15,716	17,437	21,010	20,293	15,470	10,781	10,749	8,919	7,493	9,368	160,170
1939	11,011	10,445	12,844	14,943	18,929	17,316	12,543	8,799	8,660	7,947	7,126	9,957	140,520
1940	10,931	11,148	14,987	17,776	20,585	19,664	13,705	11,935	10,685	10,556	8,402	9,528	159,962
1941	9,800	9,349	12,331	13,774	15,835	14,363	9,824	7,620	5,987	3,930	3,500	3,729	110,042
1942	4,462	4,683	6,199	6,939	8,158	7,567	6,399	5,396	3,625	3,072	2,387	2,301	61,148
1943	1,974	1,597	2,496	2,708	3,303	3,512	2,761	1,851	1,393	1,017	791	880	24,279
1944	759	841	1,105	1,506	2,442	2,737	1,877	1,510	1,135	966	649	876	16,407
1945	1,238	1,011	1,425	1,853	2,516	3,159	2,251	1,493	1,053	637	409	465	17,508
1946	576	582	1,015	1,295	2,295	2,424	1,649	1,249	784	418	400	661	13,704
1947	676	857	1,701	2,351	3,182	3,935	3,636	2,438	1,432	825	524	592	22,149
1948	687	710	962	1,158	2,040	1,982	1,408	1,193	800	622	581	742	13,145
1949	1,570	1,348	1,901	2,254	2,927	2,842	2,172	1,599	1,290	1,148	1,000	1,193	21,244
1950	1,196	1,469	1,666	2,039	2,239	2,305	1,920	1,285	1,016	805	810	803	17,573

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Table 25 - Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1936-1950 -Continued

Year	Total Dry Skim Milk (for human food and animal feed)												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	20,764	20,860	26,105	30,989	40,037	43,268	31,654	26,914	28,456	29,689	24,012	26,802	349,550
1937	28,268	25,697	32,700	35,795	46,428	45,731	36,246	27,889	25,751	22,869	10,200	25,629	372,203
1938	30,900	31,085	39,171	45,017	55,565	52,775	43,091	33,993	33,511	31,467	24,647	28,069	449,291
1939	31,119	28,846	35,346	38,991	49,595	48,805	36,903	29,059	27,508	25,960	25,167	31,081	408,380
1940	35,426	34,518	42,429	46,812	55,343	58,242	44,799	38,566	32,842	33,120	27,492	31,616	481,805
1941	35,514	35,064	43,473	48,223	59,616	56,143	41,777	36,913	33,003	29,183	26,316	31,272	476,497
1942	38,362	40,881	53,628	61,807	79,775	76,413	65,055	58,395	47,271	39,736	31,009	34,230	626,562
1943	37,794	38,899	51,468	59,408	71,628	70,280	57,186	44,836	34,335	25,138	19,076	23,851	533,899
1944	26,765	29,718	49,876	61,104	80,390	82,941	69,256	53,479	42,384	36,651	30,200	36,555	593,319
1945	43,760	43,844	60,639	72,684	90,991	91,141	72,539	53,345	41,867	32,129	24,990	32,125	660,094
1946	35,338	41,773	58,548	74,507	96,207	92,462	75,652	57,254	39,103	29,247	25,423	37,655	667,169
1947	45,450	50,500	68,216	76,692	92,053	99,407	84,958	54,323	42,718	31,982	21,110	32,641	700,090
1948	38,740	40,822	56,645	70,354	97,129	96,872	70,910	54,170	40,752	39,601	37,754	50,922	694,677
1949	57,166	61,224	82,920	100,817	126,821	117,192	92,877	81,582	65,589	55,871	51,200	62,919	956,178
1950	69,316	69,860	89,817	105,702	122,777	124,525	96,805	65,463	45,843	37,086	31,733	39,724	898,651

Year	Dry Casein (Skim Milk or Buttermilk Product)												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	2,186	2,621	3,583	4,916	5,721	5,975	4,717	3,699	3,550	3,356	2,773	3,043	46,140
1937	4,244	4,182	6,618	7,423	8,822	10,077	6,987	5,035	4,294	3,736	2,853	3,136	67,467
1938	3,143	2,720	3,385	4,384	6,234	5,986	4,437	4,247	4,775	3,670	2,876	2,692	48,549
1939	2,774	2,744	3,668	4,178	5,120	5,011	3,550	2,832	2,678	3,139	2,561	2,623	40,878
1940	2,712	2,921	3,865	4,818	5,486	6,336	4,825	3,631	3,354	2,962	2,601	3,105	46,616
1941	3,373	3,400	3,995	4,682	6,075	6,175	4,630	3,912	3,412	2,890	2,317	2,485	47,346
1942	3,040	3,451	4,468	4,975	6,840	6,320	4,014	3,037	2,267	1,693	1,098	1,065	42,268
1943	1,044	951	1,316	1,785	2,672	3,686	2,319	1,435	1,154	909	519	596	18,386
1944	900	980	1,231	1,647	2,423	2,986	1,731	988	763	661	428	526	15,264
1945	633	621	995	1,411	2,086	2,425	1,687	915	675	438	215	232	12,333
1946	303	388	632	1,162	2,410	3,395	2,507	1,447	1,154	1,122	1,402	2,397	18,319
1947	3,003	2,853	3,281	3,385	4,161	4,918	3,864	3,730	2,911	2,027	893	805	35,831
1948	898	861	1,221	1,839	2,443	2,311	1,363	930	775	697	474	560	24,372
1949	922	1,442	1,819	2,350	3,153	2,538	1,416	1,147	846	805	800	1,070	18,348
1950	1,245	1,095	1,730	2,120	2,284	2,369	1,365	1,316	1,494	1,321	1,004	1,128	18,531

Year	Dry Whole Milk												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
1936	752	843	1,171	1,316	2,522	2,872	1,850	1,664	1,479	1,559	1,134	1,018	18,180
1937	824	938	915	939	991	1,452	1,144	849	1,789	1,824	1,151	1,260	13,676
1938	1,202	1,393	1,661	1,458	1,974	2,373	3,302	2,464	1,114	1,423	1,707	1,425	21,496
1939	1,167	1,243	1,975	1,902	2,411	2,570	2,133	1,908	2,412	2,328	2,357	2,472	24,472
1940	2,047	1,257	2,048	2,260	3,706	3,630	3,752	2,143	1,883	2,273	2,216	2,194	29,409
1941	3,126	3,175	3,933	3,726	4,070	4,294	3,749	4,196	3,170	4,583	3,265	4,340	45,627
1942	4,080	2,678	4,697	4,409	4,739	5,871	5,624	5,425	6,238	6,821	4,488	7,097	62,167
1943	9,777	9,339	11,888	12,601	14,866	17,006	13,189	9,912	10,375	9,356	8,181	11,276	137,766
1944	14,447	16,135	13,114	16,161	18,720	20,090	16,560	13,136	13,437	12,905	10,318	12,731	177,754
1945	13,963	13,784	19,430	22,336	27,090	26,894	24,059	21,229	12,808	12,158	11,512	12,013	217,276
1946	12,892	12,159	15,377	17,525	23,647	24,784	19,825	17,839	13,418	10,507	8,752	11,681	184,406
1947	13,901	12,298	11,773	16,715	17,450	17,850	17,823	15,656	14,421	14,361	9,617	9,577	164,888
1948	12,071	12,174	12,433	14,897	20,348	19,827	19,345	17,175	12,929	11,773	7,962	9,153	170,087
1949	10,900	8,731	10,859	11,592	14,402	11,672	12,328	10,076	10,087	8,242	7,112	9,540	125,541
1950	8,726	7,969	10,625	9,520	10,612	12,173	11,193	12,455	11,302	12,074	9,056	9,281	124,986

Table 25- Manufactured dairy products: Quantities produced, by specified items, United States, by months, 1936-1950 -Continued

Year	Ice Cream (Wholesale)												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
1936 5/	-	-	-	-	-	-	-	-	-	-	-	-	-
1937 5/	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	11,395	12,447	17,733	21,963	27,688	33,463	36,968	37,634	22,001	17,098	13,457	11,650	263,497
1939	11,896	12,311	17,616	20,969	32,308	36,158	38,836	36,685	26,728	17,974	13,569	13,282	278,532
1940	10,995	13,764	17,522	22,607	31,441	36,103	42,065	36,838	25,760	20,226	15,346	14,432	287,099
1941	15,229	15,072	19,616	29,361	37,999	41,222	47,814	41,671	32,523	24,707	17,530	18,198	340,992
1942	16,709	17,600	24,622	32,633	38,975	48,799	56,542	50,602	41,394	32,921	27,149	21,223	409,169
1943	17,879	17,519	23,031	28,913	34,559	42,995	49,040	45,028	36,698	29,035	24,292	19,949	368,938
1944	17,860	18,669	24,140	29,826	39,753	52,236	54,362	46,396	37,347	29,445	24,612	19,477	394,123
1945	18,229	18,608	24,334	29,533	35,394	44,335	47,319	44,546	51,248	43,695	37,275	29,213	424,289
1946	36,310	36,984	48,340	57,312	62,853	73,242	87,707	71,107	56,004	50,479	39,925	34,871	651,541
1947	34,865	34,009	40,700	48,703	57,363	61,910	69,377	70,986	44,182	44,824	33,637	28,582	576,979
1948	27,940	28,330	46,047	46,047	50,768	60,647	66,389	60,324	50,879	33,554	31,616	28,580	525,168
1949 1/	27,007	29,281	38,007	41,643	51,932	60,712	62,818	60,960	42,795	35,446	30,805	26,697	508,103
1950	29,323	30,704	36,195	39,038	51,885	58,818	58,806	58,760	44,494	39,221	32,637	27,488	507,549

Total Ice Cream (Wholesale & Retail)

1936	8,362	8,452	14,633	17,308	28,833	32,313	39,550	34,050	23,425	14,537	11,084	11,004	243,551
1937	11,777	12,169	16,379	22,054	31,511	37,861	42,404	39,720	25,684	16,185	13,303	11,854	280,901
1938	12,183	13,299	18,932	23,465	29,553	35,743	39,618	40,318	23,568	18,337	14,415	12,506	281,939
1939	13,067	13,510	19,487	22,940	35,183	39,432	42,372	40,089	29,229	19,719	14,912	14,582	304,522
1940	12,231	15,276	19,467	25,029	34,717	39,915	46,466	40,798	28,633	22,456	17,021	16,079	318,088
1941	17,418	17,336	22,568	33,491	43,450	47,327	54,681	47,809	37,400	28,088	20,126	20,741	390,175
1942	19,004	19,970	27,994	37,107	44,350	55,404	64,336	57,633	46,769	37,128	30,442	24,003	464,146
1943	19,943	19,567	25,606	32,219	38,687	48,139	54,928	50,477	40,853	32,210	26,877	22,120	411,626
1944	20,167	21,055	27,234	33,656	44,837	58,789	61,357	52,463	41,916	33,169	27,612	21,943	444,198
1945	20,460	20,900	27,450	33,417	39,961	50,353	54,538	50,445	56,881	48,331	41,166	32,455	476,357
1946	39,603	40,281	52,788	62,595	68,980	80,446	91,958	78,190	61,607	55,464	43,599	38,083	713,594
1947	37,806	36,846	44,288	53,011	62,733	68,025	76,415	77,982	61,792	48,137	32,470	31,261	630,766
1948	30,394	30,847	43,510	50,320	55,677	66,721	73,287	66,718	55,877	36,953	34,622	31,335	576,261
1949 2/	29,435	31,901	41,403	45,727	56,981	66,897	69,333	67,161	47,041	38,917	33,774	29,359	557,929
1950	31,842	33,334	39,348	42,724	56,763	64,576	64,979	64,802	48,799	42,902	35,821	30,094	555,984

Sherbet (excluding water ices)

1936	147	155	251	352	618	742	979	819	490	300	222	197	5,272
1937	183	211	306	490	801	964	965	840	516	297	228	191	5,992
1938	213	223	361	503	656	828	905	932	517	375	288	245	6,846
1939	540	519	761	1,034	1,421	1,712	1,884	1,815	1,600	1,057	803	647	13,793
1940	249	305	441	640	945	1,147	1,305	1,115	704	539	367	332	8,089
1941	310	316	445	660	988	1,072	1,251	1,078	734	520	362	324	8,060
1942	310	333	475	675	831	1,078	1,371	1,165	864	629	466	575	8,772
1943	1,956	2,667	3,330	4,097	4,674	6,359	6,544	6,134	4,274	2,851	2,239	2,093	47,218
1944	2,373	3,262	4,107	4,337	5,644	5,628	5,444	6,218	4,322	3,211	2,727	2,208	49,481
1945	2,628	3,423	6,828	7,929	7,956	9,338	10,946	11,012	2,548	1,233	836	500	65,177
1946	581	619	867	1,117	1,245	1,656	1,819	1,471	987	770	501	386	12,019
1947	395	427	595	811	1,088	1,214	1,458	1,523	1,230	808	476	422	10,447
1948	415	435	701	943	1,159	1,564	1,810	1,711	1,440	802	683	548	12,211
1949 1/	479	549	813	1,060	1,490	1,841	2,067	1,880	1,240	896	733	568	13,616
1950	607	672	920	1,175	1,890	2,470	2,419	2,321	1,546	1,294	1,030	726	17,070

1/ Revised.

2/ Cream cheese only.

3/ Excludes Blue Mold cheese production which was not gathered separately prior to 1943. Annual production Blue Mold excluded was: 1943 - 8,055,000 pounds; 1944 - 6,835,000 pounds; and 1945 - 9,828,000 pounds.

4/ Data comparable with 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.

5/ Data on production of ice cream prior to 1938 not broken down between wholesale and retail.

Table 26-Butter, creamery: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Maine.....	65	42	119	80	102	85	185	115	405	377	745	68	53	90	169
Vermont.....	2,649	3,244	2,996	2,355	2,674	2,058	2,186	2,826	4,211	3,773	2,140	2,092	798	1,581	2,145
Massachusetts.....	809	734	592	282	220	195	234	161	214	170	462	263	248	242	261
New England 1/.....	3,704	4,216	3,877	2,863	3,083	2,400	2,648	3,113	4,840	4,329	3,357	2,425	1,100	1,915	2,581
New York.....	14,592	16,891	15,596	17,092	22,217	19,513	29,198	25,303	25,511	20,915	14,368	17,686	14,868	29,448	27,078
Pennsylvania.....	10,967	11,136	12,491	14,441	15,582	14,559	13,946	12,444	11,718	12,664	8,716	10,923	9,482	13,098	12,593
Middle Atlantic 1/.....	25,584	28,048	28,128	31,513	37,832	34,090	43,413	37,864	37,322	33,657	23,160	28,692	24,386	42,624	39,802
Ohio.....	79,256	77,409	83,074	84,329	80,384	77,444	72,265	66,737	63,291	60,019	49,107	55,767	52,535	68,865	60,993
Indiana.....	67,112	64,689	71,139	68,972	70,650	66,547	60,300	56,304	49,555	45,550	34,497	35,783	33,487	48,011	39,866
Illinois.....	67,640	67,854	77,650	78,043	80,642	84,513	74,904	72,162	70,118	65,184	61,373	59,296	55,390	66,708	63,109
Michigan.....	82,162	80,887	86,757	90,088	95,766	90,305	77,402	73,691	64,175	55,457	46,579	47,930	43,079	2/61,012	58,914
Wisconsin.....	171,400	175,659	188,933	173,227	183,103	163,887	161,472	140,612	124,966	109,901	81,063	115,710	99,992	168,214	161,644
East North Central.....	467,570	466,498	503,553	494,659	510,545	482,696	446,383	409,506	372,105	336,111	274,619	314,486	284,483	412,810	384,526
Minnesota.....	289,830	276,491	301,604	297,325	311,153	326,478	314,537	294,359	251,614	233,436	175,891	243,874	222,657	252,621	251,389
Iowa.....	208,926	200,362	229,604	233,541	245,312	255,870	241,518	240,445	212,482	214,142	207,997	209,145	187,885	193,153	199,737
Missouri.....	74,214	79,232	93,265	84,480	82,024	86,754	75,359	73,002	70,297	71,412	61,413	63,804	61,974	71,248	66,329
North Dakota.....	43,575	43,009	44,685	50,708	58,416	64,638	66,675	62,597	56,093	51,007	49,800	49,525	44,999	43,372	44,534
South Dakota.....	38,741	33,396	36,105	41,022	43,759	46,665	45,525	43,357	36,622	34,306	36,655	35,136	31,369	31,483	32,429
Nebraska.....	72,842	63,594	68,216	81,236	83,327	91,262	90,665	95,718	81,157	75,291	80,783	79,003	78,240	73,607	76,557
Kansas.....	62,802	68,028	78,141	80,108	75,806	81,510	76,689	72,977	60,805	52,385	48,892	51,001	46,823	47,490	50,614
West North Central.....	790,930	764,623	851,620	868,420	899,797	953,177	910,968	882,455	769,070	731,979	661,431	731,488	673,947	712,974	721,589
Maryland.....	1,677	1,996	2,290	2,320	2,163	2,301	2,351	2,222	2,775	2,778	2,646	2,941	2,972	3,548	3,425
Virginia.....	6,318	6,507	7,478	7,035	7,291	7,091	7,159	7,415	7,271	7,594	7,165	7,527	7,303	7,901	7,778
West Virginia.....	425	2,454	2,984	2,733	2,753	2,577	2,240	2,154	1,691	1,520	1,691	1,536	1,634	1,536	1,768
North Carolina.....	2,420	2,432	2,764	2,232	2,487	2,316	1,946	1,678	1,725	1,714	1,561	1,732	1,630	2,719	2,482
South Carolina.....	665	583	622	523	469	472	414	352	295	235	246	217	226	177	177
Georgia.....	1,914	2,045	2,135	1,849	1,171	1,477	1,395	1,313	1,144	943	632	809	553	577	466
South Atlantic 1/.....	13,617	16,200	18,537	16,898	16,480	16,461	15,488	15,628	15,513	15,478	13,930	15,155	14,290	16,507	16,110
Kentucky.....	20,923	20,620	23,814	21,279	20,040	22,634	22,271	22,494	21,344	22,673	19,563	23,099	23,310	24,844	21,640
Tennessee.....	15,555	16,550	20,270	17,161	15,711	16,755	15,992	16,023	15,054	14,956	11,599	13,293	13,518	13,839	12,549
Mississippi.....	6,120	6,190	7,465	5,753	4,787	5,346	4,899	3,791	4,491	4,021	2,766	3,014	2,523	4,025	4,119
Arkansas.....	5,527	6,799	7,588	6,311	6,570	8,042	7,077	6,785	6,733	6,417	5,386	6,194	6,493	6,868	6,227
Louisiana.....	1,506	1,414	1,618	1,730	1,490	1,336	918	621	594	432	315	386	419	702	523
Oklahoma.....	36,436	44,977	51,407	51,412	51,151	58,469	53,061	52,389	46,852	44,952	37,574	35,675	31,332	30,241	32,856
Texas.....	31,317	33,384	36,829	38,152	36,405	41,163	37,375	36,739	30,938	25,396	16,881	17,045	12,731	13,618	12,559
South Central 1/.....	118,861	131,458	150,683	143,250	137,197	154,976	141,730	139,534	126,413	119,006	94,219	98,877	90,474	94,187	90,931
Montana.....	11,586	10,608	11,567	12,301	13,268	13,706	12,600	12,741	11,858	9,883	9,444	9,350	8,637	7,948	8,073
Idaho.....	29,491	30,538	32,974	33,988	35,911	37,373	36,502	35,869	30,682	26,466	25,928	24,923	23,908	23,849	23,849
Wyoming.....	2,312	2,794	2,870	3,073	3,532	3,483	3,133	3,131	2,922	2,466	2,770	2,787	2,078	2,002	2,394
Colorado.....	21,491	21,125	22,287	22,696	22,148	23,847	23,082	24,297	19,545	16,542	15,351	16,148	14,077	13,662	16,283
New Mexico.....	1,734	2,772	2,858	3,555	3,087	3,315	3,018	2,667	1,774	1,487	1,210	1,350	1,164	1,107	1,076
Arizona.....	2,277	1,987	2,548	2,569	2,155	2,064	1,591	1,038	992	736	750	635	702	1,155	1,155
Utah.....	9,999	10,095	10,835	10,545	10,426	9,968	8,787	8,631	7,430	5,982	4,359	4,929	5,485	5,515	5,834
Nevada.....	1,669	2,272	2,349	2,350	2,345	2,335	1,916	1,230	852	811	811	940	919	823	823
Mountain.....	80,559	82,198	88,378	91,077	92,872	96,091	92,688	90,487	81,666	68,955	50,924	62,073	57,939	55,763	59,487
Washington.....	35,680	36,115	37,109	36,586	37,025	37,423	32,488	31,131	27,977	19,969	16,615	21,666	19,630	20,708	19,141
Oregon.....	29,285	29,617	31,205	31,217	32,130	32,233	29,836	28,547	24,130	18,533	16,465	20,299	17,811	17,889	17,500
California.....	63,617	64,998	67,082	65,254	69,865	62,636	49,412	37,521	29,466	15,700	16,619	33,933	26,264	36,734	34,623
Pacific.....	128,582	130,730	135,396	133,057	139,020	132,292	111,736	95,201	81,573	54,202	49,699	75,898	63,705	75,331	71,264
UNITED STATES.....	1,629,407	1,623,971	1,786,172	1,781,737	1,836,826	1,872,183	1,764,054	1,673,788	1,488,502	1,363,717	1,171,339	1,329,094	1,210,324	2/1,402,111	1,386,290

1/ Some regional totals include production for States not shown separately.
 Production omitted for States in which less than 3 plants reported.
 2/ Revised.

Table 27—Total American cheese, made from whole milk: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	1,106	1,222	794	695	1,226	817	586	140	401	906	114	1,013	1,409	1,471	2,576
New England 1/.....	1,108	1,264	827	695	1,226	819	586	140	401	906	114	1,013	1,427	1,491	2,576
New York.....	22,079	29,542	26,141	21,970	25,035	29,748	46,607	19,905	19,187	23,633	11,780	30,191	30,630	39,354	37,021
Pennsylvania.....	1,312	1,320	1,665	1,554	1,420	1,609	1,846	1,067	1,072	1,111	1,252	1,272	808	1,278	1,037
Middle Atlantic 1/.....	23,391	30,862	27,806	23,524	26,455	31,357	48,568	20,962	20,259	25,344	13,043	31,463	31,438	40,657	38,060
Ohio.....	8,513	9,675	10,790	11,440	12,366	16,219	25,151	16,579	19,907	23,435	19,983	23,260	20,159	26,380	24,835
Indiana.....	24,305	26,107	27,195	24,186	29,399	33,323	46,134	38,067	36,257	39,816	38,496	39,708	37,391	38,910	34,398
Illinois.....	19,091	26,656	31,241	29,207	34,477	51,340	69,802	53,647	59,226	68,753	63,280	67,791	56,492	57,136	45,360
Michigan.....	12,509	12,639	13,990	13,328	15,607	19,394	24,417	20,793	22,885	25,800	23,509	25,494	23,047	22,569	26,542
Wisconsin.....	270,193	243,003	281,977	284,035	314,867	371,611	417,414	383,350	370,194	382,617	370,734	416,043	386,020	430,103	416,289
East North Central.....	334,611	318,080	365,196	362,196	406,716	491,887	582,918	512,436	508,469	546,401	516,002	572,696	523,109	578,098	549,424
Minnesota.....	11,595	13,298	15,232	13,118	15,604	20,713	33,420	27,546	35,257	44,056	41,152	56,586	51,635	54,309	45,997
Iowa.....	4,339	4,011	3,745	3,124	3,981	6,572	10,840	8,095	10,552	13,134	10,750	10,013	8,707	10,287	10,477
Missouri.....	7,596	9,637	12,229	13,158	19,306	33,092	40,488	36,284	44,812	49,906	47,940	57,092	56,330	64,114	63,736
North Dakota.....	-	-	-	-	-	61	570	275	349	80	155	163	-	-	-
South Dakota.....	1,040	859	993	1,038	982	1,199	1,731	1,472	1,559	1,649	1,688	1,421	1,141	1,464	1,664
Nebraska.....	1,411	1,571	2,032	1,563	1,414	2,167	3,612	1,865	2,208	1,691	1,256	1,302	853	1,383	1,041
Kansas.....	6,311	6,594	8,531	9,529	10,852	13,804	19,434	11,323	11,619	12,729	10,877	16,344	8,525	9,121	9,746
West North Central.....	32,312	35,970	42,762	41,530	52,139	77,608	110,095	86,820	108,356	123,245	113,778	142,931	127,191	140,678	132,311
South Atlantic 1/.....	922	1,320	1,576	1,040	878	1,502	1,461	267	684	1,532	1,481	1,809	2,126	2,198	2,290
Kentucky.....	5,396	5,989	6,901	5,646	5,989	9,262	14,232	12,895	15,148	19,250	18,900	22,480	23,033	26,354	24,910
Tennessee.....	7,439	8,508	13,065	12,459	13,247	17,264	22,183	21,250	24,033	29,175	30,339	35,979	37,004	41,333	38,826
Alabama.....	1,609	1,972	1,909	1,244	1,578	3,278	4,254	4,008	4,522	5,379	3,567	4,094	3,006	2,997	2,975
Mississippi.....	7,822	9,292	11,006	8,165	6,984	9,514	10,471	8,701	10,969	12,338	10,943	11,345	11,094	11,625	11,799
Arkansas.....	2,243	3,279	2,904	2,281	3,796	7,213	8,200	5,668	7,571	7,812	6,073	7,618	11,201	11,331	12,704
Oklahoma.....	6,041	7,266	7,713	5,786	7,584	11,036	13,121	8,911	14,349	15,776	13,552	15,861	12,467	10,741	8,659
Texas.....	13,139	15,554	19,400	15,078	16,096	20,139	19,954	14,518	15,225	13,689	7,693	10,404	6,920	5,758	5,079
South Central 1/.....	44,008	52,276	63,444	50,993	55,462	77,990	92,563	75,951	91,827	103,399	91,067	108,297	104,755	110,335	105,146
Montana.....	1,648	1,087	1,435	1,184	1,227	1,454	1,905	2,147	4,078	4,266	3,464	3,808	2,818	2,890	2,948
Idaho.....	7,666	8,240	9,512	9,215	10,841	13,540	16,304	16,997	19,344	21,024	20,114	20,447	19,148	17,991	18,342
Colorado.....	1,946	1,411	2,099	1,562	1,452	1,514	1,538	525	1,764	1,395	806	1,331	444	1,084	1,879
Utah.....	4,925	3,626	4,193	4,419	4,496	5,085	6,106	5,398	6,963	8,290	7,042	8,057	7,024	6,438	6,901
Mountain 1/.....	17,019	15,154	19,275	17,976	19,395	23,126	27,802	26,355	33,865	36,434	32,988	34,785	30,046	29,308	30,511
Washington.....	8,289	8,865	9,096	9,550	9,730	12,274	12,393	8,484	9,388	7,562	6,644	7,093	4,268	4,047	3,817
Oregon.....	16,332	19,076	19,599	19,907	21,092	26,159	28,564	24,033	25,901	26,582	23,379	28,596	25,970	24,264	24,317
California.....	9,584	9,174	10,961	9,887	9,697	10,400	11,900	9,641	5,617	3,679	2,768	4,035	4,117	4,130	4,175
Pacific.....	34,205	37,115	39,656	39,344	40,519	48,833	52,857	42,158	40,926	37,823	32,791	39,724	34,355	32,441	32,309
UNITED STATES.....	487,576	492,041	560,542	537,298	602,790	753,122	916,850	765,089	804,787	875,084	801,264	932,718	854,447	2/935,206	892,929

1/ Some regional totals include production for States not shown separately. Production omitted for States in which less than 3 plants reported.
2/ Revised.

Table 28-Swiss cheese: Production, by States, 1936-1950

State	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Idaho.....	2,128	2,486	2,268	1,863	2,334	2,478	2,599	2,498	2,800	2,908	2,922	3,584	3,527	2,691	2,553
Illinois.....	3,303	4,048	4,258	5,250	6,161	6,897	6,521	5,974	6,016	6,155	6,594	8,487	10,372	14,726	23,091
Ohio.....	4,249	4,402	4,782	4,360	5,377	6,496	6,682	4,752	5,173	5,418	5,252	6,609	6,372	7,754	8,293
Pennsylvania.....	645	705	745	582	622	672	629	507	482	386	450	615	606	508	507
Wisconsin.....	27,993	27,676	29,377	28,881	32,304	37,570	34,193	29,643	28,960	32,958	36,227	46,720	43,192	48,271	52,260
All other States.....	1,760	1,587	1,654	1,689	1,501	1,849	1,937	2,248	2,140	2,240	4,251	5,597	6,305	7,093	12,779
UNITED STATES.....	40,078	41,504	43,084	42,031	48,659	55,962	52,561	45,626	45,571	50,065	55,695	71,612	70,665	81,043	99,483

Table 29-All Italian varieties of cheese: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Massachusetts.....	-	18	63	515	446	532	573	626	785	932	766	814	977	794	993
New England 1/.....	10	138	189	655	613	673	944	766	909	1,759	1,523	2,010	1,230	1,284	2,156
New York.....	3,143	4,354	4,901	5,164	5,558	6,397	9,245	10,228	10,737	10,875	14,473	13,310	15,428	16,553	18,349
New Jersey.....	45	45	41	266	485	236	345	293	3	551	1,126	648	768	1,296	1,425
Pennsylvania.....	-	164	213	422	268	844	737	964	968	990	1,412	1,480	1,429	1,734	1,587
Middle Atlantic.....	3,188	4,563	5,155	5,852	6,311	7,477	10,327	11,485	11,708	12,426	17,011	15,438	17,625	19,583	21,361
Ohio.....	28	71	605	1,133	1,277	2,792	1,415	1,829	1,258	1,717	2,696	742	653	651	602
Illinois.....	109	207	225	340	435	617	885	1,003	614	1,374	1,756	1,025	1,780	2,553	2,915
Michigan.....	1,594	1,820	1,995	2,303	2,475	3,105	3,001	2,962	3,649	3,546	5,820	1,543	1,060	1,368	2,047
Wisconsin.....	5,906	5,811	7,238	9,261	12,450	17,822	17,139	22,220	18,878	39,515	41,723	15,396	19,492	27,771	31,334
East North Central.....	7,637	7,915	10,063	13,037	16,637	23,846	22,440	28,014	24,399	46,152	51,995	18,705	22,990	2/32,388	37,044
West North Central 1/.....	8	-	40	59	162	324	360	459	515	1,103	1,829	542	379	140	-
South Central 1/.....	-	-	-	114	115	185	102	824	276	480	-	-	-	-	-
Colorado.....	-	-	-	-	8	193	295	203	293	419	755	724	512	2/193	-
Mountain 1/.....	-	-	-	-	24	193	295	203	293	419	755	724	714	2/349	182
California.....	491	876	984	753	1,103	1,002	368	1,017	2,650	1,716	2,146	626	613	1,171	1,088
Pacific 1/.....	518	904	1,014	732	1,140	1,665	422	1,252	3,662	2,283	2,275	681	641	1,119	1,102
All other States.....	45	148	196	352	497	713	913	1,658	1,921	2,983	2,715	1,793	862	849	1,505
UNITED STATES.....	11,361	13,520	16,461	20,509	25,002	34,363	34,916	43,003	41,762	64,628	75,388	38,100	43,579	2/54,863	61,845

1/ Some regional totals include production for States not shown separately. Production omitted for States in which less than 3 plants reported.
2/ Revised.

Table 30 - *Fetal shoes, excluding full-skin American and cottage: Production, by States, 1936-1950*

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	1,475	1,761	1,228	1,424	1,945	1,284	1,082	2,059	3,263	3,739	3,791	3,094	3,398	2,705	5,109
Massachusetts.....	710	692	689	1,324	1,375	1,314	1,329	1,761	2,134	2,373	3,739	2,545	2,378	2,257	2,619
Connecticut.....	10	120	126	140	157	141	125	79	90	204	77	125	174	280	270
New England 1/.....	2,214	2,636	2,096	2,908	3,508	2,752	2,555	3,919	5,499	6,324	7,607	5,878	6,072	5,464	8,347
New York.....	50,183	57,994	58,473	55,349	59,815	64,613	83,847	64,328	56,583	62,072	53,916	71,043	73,405	84,535	87,582
New Jersey.....	45	45	1,396	1,361	1,880	1,076	1,090	829	460	1,049	2,062	1,144	1,136	1,689	1,808
Pennsylvania.....	3,972	5,269	7,805	9,986	11,072	11,647	11,487	12,311	11,373	12,832	14,271	10,990	10,939	11,341	12,437
Middle Atlantic.....	54,200	63,308	67,674	66,696	72,767	77,336	96,424	77,468	68,416	75,953	70,249	83,177	85,460	97,565	101,827
Ohio.....	16,383	17,510	18,764	19,484	21,425	28,248	36,762	27,728	30,060	34,206	37,364	38,912	36,998	44,387	45,773
Indiana.....	24,375	26,118	27,224	24,270	29,486	33,367	46,784	38,068	36,368	39,847	38,559	40,239	37,882	39,172	35,919
Illinois.....	26,443	37,812	41,927	40,749	47,801	66,217	84,848	70,012	74,784	87,075	85,300	86,464	77,704	77,704	80,556
Michigan.....	14,276	14,582	16,081	15,715	18,195	22,584	27,504	23,853	26,586	29,501	29,512	28,134	24,264	27,076	28,638
Wisconsin.....	357,467	324,316	365,215	370,430	406,903	476,987	515,207	496,060	474,218	515,184	525,326	535,873	502,104	563,380	557,957
West North Central.....	438,944	420,358	469,211	470,648	523,810	627,403	711,105	655,721	642,016	705,813	716,061	730,022	678,952	2/756,326	748,837
Minnesota.....	12,643	14,232	15,766	13,888	16,272	22,926	36,083	29,910	37,193	46,316	47,852	58,949	54,061	56,457	52,329
Iowa.....	4,384	4,085	3,822	3,166	4,024	6,772	10,993	8,248	10,679	13,383	11,064	10,555	9,234	10,828	11,312
Missouri.....	7,639	10,142	12,397	13,336	19,677	33,579	40,555	36,806	44,955	50,409	48,425	59,555	56,378	64,203	63,767
North Dakota.....	-	-	-	-	-	62	571	275	349	80	155	163	-	-	-
South Dakota.....	1,040	859	993	1,038	982	1,199	1,731	1,472	1,559	1,649	1,648	1,523	1,141	1,464	1,664
Nebraska.....	1,414	1,574	2,032	1,567	1,417	3,615	2,173	3,615	2,210	1,693	1,413	1,304	856	1,385	1,041
Kansas.....	6,468	6,891	9,369	10,053	10,979	13,812	19,434	11,323	13,619	12,729	11,477	16,498	8,880	9,127	9,956
West North Central.....	33,588	37,783	44,379	43,048	53,351	80,523	112,982	89,899	110,564	126,259	122,034	148,547	130,550	143,464	140,069
South Atlantic 1/.....	1,010	1,423	1,706	1,109	921	1,592	1,462	269	684	1,536	1,493	1,828	2,140	2,199	2,304
Kentucky.....	5,396	5,989	6,901	5,646	5,989	9,328	14,320	12,895	15,148	19,424	18,900	22,879	23,033	26,354	24,910
Tennessee.....	8,113	9,832	14,430	13,894	14,473	18,539	23,498	22,965	26,019	31,733	34,112	42,403	40,091	44,545	41,987
Alabama.....	1,609	1,972	1,909	1,284	1,578	3,278	4,254	4,008	4,522	5,379	3,569	4,094	3,006	2,997	2,975
Mississippi.....	5,090	9,305	11,014	8,166	6,987	9,516	10,473	8,710	10,972	12,338	11,033	11,350	11,142	11,627	11,867
Arkansas.....	2,243	3,279	3,002	2,449	3,955	7,332	8,214	6,492	7,847	8,174	6,073	7,618	11,201	11,331	12,704
Oklahoma.....	6,124	7,266	7,713	6,145	7,574	11,054	13,379	8,911	14,349	15,776	13,582	15,461	12,566	11,597	9,756
Texas.....	15,484	18,683	22,910	17,655	18,647	22,451	21,735	18,394	18,133	16,362	11,859	13,338	9,217	5,778	5,093
South Central 1/.....	47,764	57,071	68,425	55,573	59,405	81,782	96,021	82,375	97,900	109,186	99,128	117,756	110,588	2/114,425	109,502
Montana.....	1,648	1,067	1,435	1,184	1,282	1,454	1,905	2,147	4,078	4,266	3,464	3,808	2,818	2,890	2,948
Idaho.....	10,269	11,027	12,115	11,423	13,256	16,018	19,187	19,767	23,842	25,380	23,299	24,058	22,686	20,682	20,895
Wyoming.....	2,138	1,664	1,664	1,744	1,658	1,672	1,849	2,023	1,825	1,962	1,853	1,747	1,557	2,286	2,124
Colorado.....	3,763	3,138	3,833	2,525	2,292	2,451	2,514	1,522	2,558	2,119	1,674	2,195	1,259	2/1,779	2,042
Arizona.....	94	669	515	526	512	587	548	632	615	513	1,056	543	701	2/477	152
Utah.....	4,423	1,626	4,193	4,428	4,507	5,209	6,613	6,471	8,098	9,352	10,085	12,026	11,687	11,382	12,286
Mountain 1/.....	23,419	21,526	24,941	22,644	24,197	28,018	33,529	32,681	41,712	44,071	41,770	44,889	40,890	2/39,815	40,757
Washington.....	8,613	9,158	9,448	9,842	10,158	12,812	12,706	9,218	9,827	8,055	7,504	8,774	6,824	5,920	5,888
Oregon.....	16,690	19,385	20,325	20,321	21,488	26,567	28,740	25,259	28,497	29,745	26,089	29,253	26,570	24,691	24,890
California.....	15,828	16,177	17,120	15,718	15,885	17,376	16,790	16,485	13,032	9,830	14,412	12,822	10,320	9,573	10,136
Pacific.....	41,131	44,720	46,893	45,901	47,531	56,755	58,236	50,962	51,356	47,630	48,905	50,849	43,714	40,184	40,914
UNITED STATES.....	642,274	648,625	725,325	708,527	785,490	956,161	1,112,314	993,294	1,017,247	1,116,772	1,106,347	1,182,946	1,098,366	2/1,199,442	1,192,557

1/ Some regional totals include production for States not shown separately. Production omitted for States in which less than 3 plants reported.

2/ Revised.

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Table 31-Cottage, pot, and bakers' cheese: Production, by States, 1941-1950

State and division	1941		1942		1943		1944		1945		1/1946		1/1947		1/1948		1/1949		1/1950	
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	Curd	Creamed	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,671	1,929	2,771	2,988
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	26	171	100
Vermont.....	12,886	12,962	11,626	8,014	12,019	4,752	4,788	3,236	5,060	8,267	5,628	10,046	8,660	14,126	8,336	4,57	3,376	14,126	8,336	
Massachusetts.....	1,461	1,353	1,504	1,094	852	104	127	141	60	142	308	187	376	457	360	753	790	2,587	1,239	
Connecticut.....	806	362	1,244	402	617	486	356	563	439	196	408	753	790	2,587	1,239	12,799	11,781	20,112	13,023	
New England 2/.....	15,219	14,777	14,469	9,546	13,645	5,364	5,297	3,965	5,687	8,724	6,661	12,799	11,781	20,112	13,023					
New York.....	29,342	29,354	34,524	40,796	49,452	45,260	11,337	25,910	17,512	45,776	22,103	42,782	27,628	45,047	35,585					
New Jersey.....	1,703	2,751	843	580	1,140	697	1,140	428	1,127	158	1,052	329	1,891	447	2,552					
Pennsylvania.....	13,598	12,597	13,398	14,110	15,577	12,003	5,628	11,661	5,590	13,048	5,765	16,557	8,477	17,112	15,237					
Middle Atlantic.....	44,643	44,702	48,765	55,485	66,373	57,960	18,105	37,999	24,229	58,982	28,920	59,668	37,996	62,606	53,374					
Ohio.....	17,519	20,007	19,293	23,717	28,017	20,278	21,034	20,945	22,963	21,657	24,042	23,482	25,815	26,086	30,177					
Indiana.....	7,019	7,263	9,993	11,188	15,157	11,226	7,941	8,163	6,308	7,473	6,613	8,694	7,241	8,485	8,149					
Illinois.....	8,578	9,191	11,902	12,102	15,216	13,991	14,029	12,752	14,034	13,606	13,662	16,045	12,670	20,004	18,975					
Michigan.....	14,087	15,578	18,039	12,545	20,410	14,781	16,514	14,239	21,471	18,350	23,371	17,645	22,393	21,330	25,883					
Wisconsin.....	8,572	10,785	14,016	14,133	16,560	11,266	11,126	14,630	11,560	17,194	9,765	18,322	11,660	20,770	15,360					
East North Central.....	55,775	62,824	73,243	73,691	95,360	73,644	70,644	70,729	76,336	78,280	77,453	84,152	79,779	96,675	98,544					
Minnesota.....	3,884	4,108	5,052	5,830	8,727	11,089	8,272	5,553	7,430	6,072	7,271	6,390	8,241	6,857	8,489					
Iowa.....	2,822	2,736	2,714	2,626	4,130	2,719	3,472	3,439	3,703	4,586	4,243	4,866	4,298	5,131	4,950					
Missouri.....	5,103	6,137	5,742	6,481	7,779	6,349	5,404	6,999	6,315	7,322	6,441	7,768	8,261	9,913	14,743					
North Dakota.....	167	177	146	132	175	107	169	134	200	151	184	134	194	183	146					
South Dakota.....	495	427	187	174	225	165	349	170	288	255	503	579	579	296	579					
Nebraska.....	1,955	1,952	2,154	2,544	4,128	2,911	2,629	2,555	2,998	2,590	3,321	2,361	3,344	3,099	3,588					
Kansas.....	1,031	1,134	4,623	5,546	8,063	5,481	4,795	6,893	2,835	6,101	3,790	6,524	2,969	5,467	6,316					
West North Central.....	17,457	16,971	20,588	23,437	33,227	28,825	25,091	25,743	23,769	27,083	25,755	28,310	27,808	31,346	33,811					
Maryland.....	2,850	2,660	2,345	1,660	2,581	2,755	3,338	2,540	3,230	2,447	3,396	3,285	3,684	3,894	4,668					
Virginia.....	740	786	699	668	851	1,117	1,34	1,165	114	1,115	147	1,727	866	2,113	478					
West Virginia.....	783	892	812	614	853	674	944	2,611	2,915	2,273	2,853	2,560	2,848	2,536	2,537					
North Carolina.....	298	236	143	94	136	101	159	916	529	1,158	572	1,889	654	1,889	654					
Georgia.....	104	132	31	25	27	57	5	47	36	85	42	124	127	336	278					
Florida.....	724	502	13	4	2	53	59	213	247	527	800	886	862	1,568	1,177					
South Atlantic 2/.....	5,662	5,407	4,270	3,074	4,453	4,776	4,691	6,717	6,702	7,648	8,115	9,706	9,386	13,483	11,162					
Kentucky.....	1,922	2,503	2,561	2,759	3,607	2,987	1,509	2,803	2,149	3,956	2,671	4,718	3,156	5,475	7,245					
Tennessee.....	1,073	1,121	630	464	662	1,189	178	592	330	1,231	535	1,726	2,087	2,065	2,744					
Alabama.....	265	169	118	226	277	200	-	222	-	178	106	392	203	203	76					
Arkansas.....	14	63	521	398	434	512	50	562	79	993	180	682	340	823	316					
Louisiana.....	744	816	626	368	13	135	161	94	118	121	150	372	340	316	316					
Oklahoma.....	2,692	2,094	1,611	2,034	2,570	2,248	2,567	2,440	2,731	2,246	3,429	3,204	3,400	1,104	2,165					
Texas.....	1,992	1,851	908	1,452	1,883	867	1,089	1,324	2,878	1,964	3,933	3,855	5,043	4,391	5,725					
South Central 2/.....	8,725	8,418	7,175	7,707	9,497	8,138	5,554	8,037	8,203	10,921	13,021	17,920	17,738	19,665	25,206					
Montana.....	458	563	627	623	739	682	727	601	740	699	921	852	1,049	958	1,188					
Idaho.....	359	379	402	472	515	357	591	818	847	828	793	957	825	825	1,143					
Wyoming.....	125	75	68	93	95	141	99	164	-	231	68	241	125	201	198					
Colorado.....	2,069	2,159	2,329	2,500	2,913	2,479	562	2,647	737	2,432	1,667	2,969	1,767	3,241	2,204					
New Mexico.....	60	19	8	19	14	16	22	88	118	121	150	181	225	567	733					
Arizona.....	881	1,159	1,750	1,783	1,132	1,357	1,042	1,042	1,552	1,121	1,661	981	1,438	785	1,499					
Utah.....	1,042	1,022	1,240	1,531	2,204	1,650	1,760	1,588	1,980	1,886	2,060	2,395	3,443	2,476	3,563					
Nevada.....	237	216	199	157	38	39	83	106	110	52	111	52	111	60	111					
Mountain.....	5,231	5,593	6,648	7,220	8,295	6,495	5,357	7,031	6,084	7,193	8,093	8,470	9,115	9,113	10,639					
Washington.....	8,583	9,062	10,207	12,556	14,915	11,673	14,908	9,426	15,557	9,219	14,987	10,146	10,300	13,253	17,749					
Oregon.....	998	1,352	2,530	2,204	3,049	3,049	3,001	3,616	2,406	3,473	4,947	3,473	4,947	5,771	5,771					
California.....	25,302	25,693	20,009	29,451	35,990	39,779	57,445	41,984	61,624	43,963	63,320	49,294	72,217	52,819	77,559					
Pacific.....	34,683	36,107	38,752	44,213	53,924	55,101	75,354	55,081	79,587	56,798	81,218	62,913	93,464	69,692	100,919					
UNITED STATES.....	187,595	196,799	213,910	224,374	284,774	246,303	209,893	215,302	230,597	255,639	249,236	328,938	328,067	322,692	351,678					

1/ Data comparable with 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.

2/ Some regional totals include production for States not shown separately. Production omitted for States in which less than 3 plants reported.

3/ Revised.

Table 2- Evaporated whole milk, case goods, unsweetened: Production, by States, 1936-1950

State	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
California.....	180,775	159,567	180,500	211,447	244,015	289,570	281,883	239,905	309,357	325,565	310,182	287,313	324,007	268,496	312,988
Illinois.....	122,545	114,843	135,047	128,274	151,712	187,616	217,499	205,761	206,364	225,548	178,559	178,286	188,196	166,052	154,814
Indiana.....	52,255	48,679	59,145	61,678	72,130	86,042	118,002	101,600	108,229	125,230	112,576	115,478	127,107	94,641	97,404
Iowa.....	26,468	23,982	29,396	29,088	32,285	39,148	43,319	34,263	38,142	43,784	40,585	43,704	41,844	39,165	40,903
Kansas.....	18,423	21,443	27,342	26,351	36,553	50,319	53,113	47,516	57,041	60,070	53,683	63,315	64,829	56,537	52,495
Kentucky.....	46,712	49,534	61,197	60,949	65,851	88,511	111,039	96,285	116,567	138,629	139,264	166,101	183,824	199,816	206,204
Michigan.....	93,092	86,908	100,910	99,072	123,486	155,491	203,330	153,800	188,663	229,547	189,994	188,303	186,267	127,756	179,474
Mississippi.....	26,153	29,973	35,038	33,659	29,138	37,081	41,535	31,393	40,086	47,128	38,426	41,480	44,593	54,842	58,706
Missouri.....	43,537	61,948	68,914	72,674	92,605	129,892	148,072	155,684	179,922	200,689	173,724	177,953	208,026	163,396	161,412
New York.....	199,597	106,887	111,198	123,030	140,665	194,033	194,690	123,903	94,684	97,864	32,126	39,734	70,987	66,638	1/
Ohio.....	165,291	192,710	218,363	212,690	249,118	338,700	439,035	360,727	357,490	399,764	332,287	335,806	332,965	280,213	282,318
Oregon.....	34,047	28,190	31,649	31,825	32,836	27,478	38,288	33,583	41,926	39,673	32,853	27,072	1/	1/	1/
Pennsylvania.....	43,363	46,526	49,770	48,071	55,990	59,455	61,189	37,917	42,564	54,006	32,498	41,499	52,508	44,091	54,328
Tennessee.....	42,341	50,373	59,255	52,364	52,520	74,261	84,989	83,004	94,385	114,340	109,333	124,704	136,198	128,829	129,963
Texas.....	14,735	25,404	32,592	31,764	32,561	43,493	35,841	29,326	38,019	42,810	33,950	37,575	28,957	28,439	28,439
Utah.....	49,881	50,053	50,935	51,440	52,671	63,809	69,878	68,757	82,501	83,433	67,104	69,257	70,805	61,680	59,958
Washington.....	67,017	66,933	70,219	75,018	90,250	112,963	127,781	109,980	119,142	116,869	76,597	75,373	92,182	66,551	71,370
Wisconsin.....	772,243	653,875	675,122	714,412	780,496	1,094,103	1,045,509	966,269	1,046,081	1,120,878	831,417	865,407	875,123	578,578	631,344
All other States.....	83,283	84,677	107,606	106,995	129,785	174,562	203,512	177,634	256,926	310,556	265,485	329,667	354,395	330,060	360,361
UNITED STATES.....	2,043,759	1,902,545	2,104,198	2,170,601	2,464,668	3,246,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643	3,208,027	3,382,893	2,755,780	2,882,475

1/ Less than 3 plants reporting. Included in All Other States.

Table 33-Dry skim milk, for animal feed: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	1,521	4,643	3,444	1,852	2,741	2,182	320	38	57	69	20	255	216	404	480
New England 1/.....	1,521	4,643	3,444	1,852	2,741	2,182	418	290	285	335	327	557	515	795	840
New York.....	19,425	19,393	23,845	32,976	42,451	28,590	10,197	1,761	742	1,836	714	1,585	511	2,072	770
Pennsylvania.....	6,608	10,867	3,590	4,001	2,828	2,561	1,615	729	231	340	244	801	652	1,169	697
Middle Atlantic 1/.....	22,130	30,260	27,435	36,977	45,279	31,151	11,830	2,490	973	2,176	958	2,386	1,163	3,241	1,467
Ohio.....	4,054	4,038	6,147	4,463	5,283	3,689	1,324	171	320	1,069	211	661	423	914	736
Indiana.....	1,250	2,101	3,443	2,581	1,764	1,174	594	179	222	148	198	257	205	602	346
Illinois.....	761	1,022	1,746	1,180	1,041	865	66	156	110	67	91	102	219	272	272
Michigan.....	12,916	13,438	13,934	12,801	14,024	9,289	3,111	557	427	693	427	576	545	2,118	1,140
Wisconsin.....	37,197	28,569	44,617	31,181	37,642	18,804	14,149	5,404	3,870	3,600	3,082	3,287	3,306	4,658	4,318
East North Central.....	56,178	49,168	69,887	52,206	59,754	33,821	19,803	6,381	5,267	5,354	4,134	4,683	4,581	8,511	6,812
Minnesota.....	8,693	7,206	9,301	6,081	7,014	5,327	2,918	1,080	930	1,668	2,758	2,537	2,434	2,381	2,280
Iowa.....	305	487	640	392	517	361	325	325	518	273	398	296	1,14	1,157	579
Missouri.....	3,527	4,766	5,807	3,408	2,367	1,633	1,636	573	1,287	1,408	1,220	1,952	625	534	786
West North Central 1/.....	13,042	13,036	16,358	10,183	11,476	8,791	5,334	2,804	2,884	3,457	4,445	4,904	3,256	4,179	3,793
Maryland.....	606	656	1,697	2,540	1,233	599	260	115	69	161	43	140	35	139	217
Virginia.....	338	552	1,238	1,146	640	355	103	160	400	292	479	1,400	561	657	223
South Atlantic 1/.....	944	1,208	2,935	3,786	1,873	954	363	275	470	453	522	1,540	596	796	440
Kentucky.....	474	578	865	650	473	250	609	322	432	372	273	666	490	555	383
South Central 1/.....	2,038	2,670	2,909	2,319	2,211	1,600	1,154	707	986	875	479	1,947	990	809	471
Idaho.....	10,047	7,534	8,881	7,250	9,129	11,456	12,695	7,138	1,259	2,457	534	341	366	436	482
Mountain 1/.....	11,565	8,739	9,642	8,520	10,094	11,952	13,013	7,469	1,610	2,824	588	747	423	448	494
Washington.....	2,157	3,240	3,526	3,210	4,522	3,011	1,472	433	508	396	205	393	319	596	537
Oregon.....	2,380	2,815	3,592	3,739	4,109	3,945	3,304	1,846	2,269	1,041	687	1,447	758	713	576
California.....	13,768	11,909	20,442	17,728	17,903	12,635	4,457	1,584	1,155	597	1,359	3,545	644	1,156	2,145
Pacific.....	18,305	17,968	27,560	24,677	26,534	19,591	9,233	3,863	3,932	2,034	2,251	5,385	1,621	2,465	3,256
All other States.....	3,696	3,874	3,415	3,241	3,681	3,316	1,474	1,794	1,283	1,244	636	2,108	939	764	598
UNITED STATES.....	125,723	127,692	160,170	140,520	159,962	110,042	61,148	24,279	16,407	17,508	13,704	22,149	13,145	21,244	17,573

1/ Some regional totals include production for States not shown separately. Production omitted for States in which less than 3 plants reported.

Table 34 - Nonfat dry milk solids, for human consumption: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Vermont.....	6,774	7,027	4,566	6,840	11,603	11,468	13,030	7,789	10,121	6,345	1,497	7,437	7,442	21,039	20,852
New England 1/.....	7,310	7,366	4,855	7,302	12,112	11,810	13,415	8,146	11,037	7,426	2,866	7,672	7,464	21,588	21,937
New York.....	49,399	36,843	44,536	46,027	56,774	61,199	78,028	42,102	39,396	45,556	36,578	53,537	49,945	92,046	99,736
Pennsylvania.....	8,263	7,736	11,644	11,238	14,076	14,568	19,603	11,127	9,538	9,267	8,489	9,083	7,831	2,144	17,243
Middle Atlantic 1/.....	57,662	44,579	56,180	57,265	70,850	75,727	97,631	53,275	48,934	54,823	45,067	62,620	57,776	106,404	117,331
Ohio.....	3,724	4,714	7,905	7,629	9,019	9,951	19,655	18,236	20,820	23,243	18,233	25,023	29,237	45,354	36,679
Indiana.....	4,616	4,803	6,802	5,568	7,235	10,002	18,584	17,471	20,593	21,842	24,097	26,881	28,881	40,236	32,185
Illinois.....	1,417	2,851	2,131	2,065	2,137	2,532	2,535	3,947	5,269	5,575	6,963	7,313	7,468	13,260	10,883
Michigan.....	21,821	23,558	28,010	21,827	22,869	22,132	35,742	29,786	33,914	32,999	30,586	36,986	34,839	63,409	51,451
Wisconsin.....	50,922	60,920	68,849	69,430	80,715	100,881	176,569	158,101	168,994	191,179	189,346	189,566	201,560	260,181	257,752
East North Central.....	82,500	96,846	113,697	106,519	121,975	145,498	253,085	227,541	249,590	274,838	266,642	282,984	299,985	422,440	388,950
Minnesota.....	7,766	9,577	13,752	11,454	18,457	29,598	68,066	85,252	116,748	167,594	197,337	164,827	162,997	180,990	160,474
Iowa.....	57	112	-	-	-	4	1,169	2,954	6,154	9,593	11,143	10,387	9,894	13,520	14,881
Missouri.....	6,152	9,341	12,380	10,210	12,053	16,691	17,467	16,215	20,802	21,560	24,974	27,848	29,968	37,977	32,485
Kansas.....	1,748	2,555	3,856	3,408	2,865	4,408	5,819	5,218	6,039	4,481	4,970	6,899	7,172	12,182	11,809
West North Central 1/.....	19,288	25,463	33,741	27,927	36,343	54,369	97,167	113,340	152,776	206,249	243,402	215,427	213,662	248,661	224,615
Maryland.....	1,876	2,022	4,219	2,773	2,469	2,105	1,832	1,543	2,585	2,347	1,479	3,221	4,271	7,463	9,175
Virginia.....	-	-	-	-	1,123	492	414	487	654	454	222	283	2,156	6,419	5,639
South Atlantic 1/.....	1,876	2,022	4,219	2,773	3,592	2,597	2,264	2,276	3,580	3,636	2,999	4,001	6,994	14,382	15,381
Kentucky.....	198	553	1,029	887	832	1,056	1,520	1,088	1,521	1,345	1,326	1,305	1,768	2,179	2,199
Mississippi.....	472	907	2,433	614	565	1,235	795	979	2,055	2,489	1,857	1,847	1,912	2,772	2,789
Oklahoma.....	-	9	145	437	352	345	325	1,113	3,261	2,680	2,155	2,078	2,385	2,638	2,937
Texas.....	1,723	2,734	2,378	1,445	2,072	2,713	2,405	1,442	2,345	1,406	504	492	188	331	-
South Central 1/.....	6,889	9,240	11,628	6,567	6,841	8,411	7,890	6,283	11,182	9,176	7,780	7,909	8,132	10,856	10,359
Idaho.....	988	4,359	4,799	4,205	4,719	4,510	8,246	17,287	33,018	34,095	33,326	30,697	30,502	30,152	32,603
Utah.....	1,714	3,876	5,397	5,118	5,794	5,564	5,977	6,615	6,781	5,885	4,247	3,960	4,534	5,177	4,887
Mountain 1/.....	2,936	8,758	11,377	10,095	11,331	10,932	15,423	24,886	40,944	40,329	38,875	36,163	36,532	36,702	38,616
Washington.....	8,732	11,144	10,297	8,050	8,739	7,944	11,412	14,408	15,988	11,422	7,741	11,133	9,002	14,325	10,780
Oregon.....	3,294	3,982	3,631	3,293	4,497	3,990	7,842	7,596	6,619	3,125	4,566	2,184	4,775	7,046	8,189
California.....	33,340	35,211	39,496	38,069	45,563	45,177	59,285	51,869	42,262	31,582	33,527	41,848	37,210	52,530	44,920
Pacific.....	45,366	50,337	53,424	49,412	58,799	57,111	78,539	73,873	64,869	46,069	45,834	61,165	50,987	73,901	63,889
All other States.....	8,831	9,677	10,866	7,273	7,315	7,930	9,094	6,995	7,435	6,542	10,885	9,891	7,625	9,560	10,570
UNITED STATES.....	223,827	244,511	289,121	267,860	321,843	366,455	565,414	509,620	582,912	642,546	653,465	677,941	681,532	2,934,934	881,078

1/ Some regional total include production for States not shown separately. Production omitted for States in which less than 3 plants reported.
 2/ Revised.

Total 35.-Total ice cream, wholesale and retail: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Maine.....	1,352	1,542	1,535	1,572	1,758	2,306	3,040	2,545	2,613	2,964	4,651	3,855	3,065	2,562	2,789
New Hampshire.....	481	559	625	723	722	893	1,078	984	1,229	1,391	1,688	1,442	1,250	1,209	1,272
Vermont.....	663	862	767	733	771	1,013	1,161	889	1,006	1,172	2,060	1,683	1,348	1,295	1,254
Massachusetts.....	9,455	11,693	10,762	11,990	12,133	15,811	17,737	14,954	16,769	18,895	25,585	22,572	19,733	19,671	19,830
Rhode Island.....	1,840	2,089	2,207	2,488	2,488	3,476	4,574	3,969	4,217	5,504	4,217	4,208	3,975	4,037	4,037
Connecticut.....	2,580	3,113	3,155	3,457	3,802	5,171	5,676	4,540	5,168	5,775	8,216	7,649	7,265	6,899	6,836
New England.....	16,371	19,858	19,051	20,980	21,674	28,670	33,266	27,881	30,615	34,414	47,704	42,213	36,869	36,011	36,018
New York.....	31,906	38,555	38,769	40,666	39,525	44,969	46,779	37,546	42,294	46,549	68,656	64,081	59,758	60,314	58,249
New Jersey.....	5,626	7,034	7,424	7,336	7,650	9,033	11,340	7,843	8,751	9,114	13,405	12,168	10,590	1/10,540	11,690
Pennsylvania.....	33,830	39,449	38,077	39,918	42,102	49,160	54,256	48,273	47,814	53,555	79,494	72,558	67,526	1/68,379	66,405
Middle Atlantic.....	71,362	85,038	84,270	87,920	89,277	103,162	112,375	93,662	98,859	109,213	161,555	148,807	137,874	139,233	136,344
Ohio.....	16,784	18,623	18,286	19,842	20,579	26,830	30,692	24,764	26,315	30,087	44,570	38,400	34,966	33,822	33,816
Indiana.....	5,926	6,826	7,559	8,281	9,436	11,262	13,292	10,821	12,962	13,499	21,592	18,871	18,058	17,100	17,100
Illinois.....	15,480	18,490	18,688	20,128	21,633	25,963	28,530	25,009	26,899	28,439	43,839	39,736	36,475	33,758	32,052
Michigan.....	14,063	15,743	14,202	15,080	16,414	19,886	21,990	18,391	20,175	20,895	30,895	27,812	26,232	26,192	25,936
Wisconsin.....	7,481	9,143	8,646	9,271	9,763	11,253	12,086	10,606	11,714	12,035	19,190	17,833	16,639	16,590	16,145
East North Central.....	59,374	68,825	67,381	72,062	77,825	94,994	106,590	89,591	98,065	105,110	160,190	143,382	133,182	128,520	125,049
Minnesota.....	5,878	6,986	7,763	8,150	8,153	9,304	10,134	8,637	9,332	10,022	17,961	16,389	14,763	1/14,010	13,158
Iowa.....	5,424	5,642	6,260	6,843	7,103	8,459	9,060	7,673	8,606	9,587	15,168	14,044	12,109	11,518	11,046
Missouri.....	8,733	7,659	7,911	8,500	8,793	11,226	11,688	12,384	13,078	21,273	21,273	18,929	16,381	15,739	16,245
North Dakota.....	787	865	927	956	1,086	1,267	1,468	1,231	1,296	1,505	3,079	2,677	2,324	2,211	1,948
South Dakota.....	1,032	1,061	1,132	1,271	1,368	1,662	1,974	1,771	1,777	3,213	2,994	2,669	2,614	2,496	2,496
Nebraska.....	2,635	2,361	2,300	2,725	2,859	3,610	4,285	4,027	4,719	4,881	7,416	7,132	6,607	6,212	6,055
Kansas.....	3,342	3,904	3,553	3,685	3,635	4,108	4,798	5,135	5,028	8,146	7,170	6,746	6,484	6,281	6,281
West North Central.....	25,971	28,478	29,846	32,130	32,997	39,636	45,119	39,825	43,099	45,878	76,256	69,335	61,599	58,788	57,229
District of Columbia.....	3,135	3,397	3,566	3,876	4,019	5,277	7,167	5,989	7,129	7,459	9,887	7,495	6,531	6,303	6,152
Delaware.....	1,409	1,543	1,407	1,493	1,702	1,922	1,822	1,534	1,822	2,119	2,360	2,098	2,047	2,021	2,021
Maryland.....	3,957	4,058	4,725	5,262	5,634	7,464	8,990	7,440	7,663	8,420	11,228	9,844	8,540	8,213	8,490
Virginia.....	3,538	3,735	4,020	4,677	4,677	6,471	8,873	8,402	9,117	13,668	11,044	10,446	9,753	9,535	9,535
West Virginia.....	2,205	2,952	2,687	2,815	2,954	4,049	4,643	4,003	4,422	4,778	7,815	7,128	6,290	5,933	5,278
North Carolina.....	2,616	3,758	3,923	3,843	4,219	6,294	8,862	8,949	9,919	9,971	16,366	13,518	14,431	1/13,459	14,127
South Carolina.....	569	685	766	974	978	1,560	2,805	3,091	3,258	3,169	3,561	2,971	2,602	2,306	2,604
Georgia.....	1,888	2,462	2,570	2,786	3,142	3,708	5,546	5,591	5,852	5,256	8,092	6,745	6,545	6,323	7,112
Florida.....	1,990	2,169	2,703	3,210	3,308	4,422	6,445	7,531	8,194	8,706	11,320	9,730	9,097	8,274	9,510
South Atlantic.....	21,307	24,759	26,104	28,235	30,424	40,947	55,253	52,530	57,200	56,695	84,772	70,835	66,560	62,611	64,829
Kentucky.....	1,316	1,457	1,776	2,106	2,029	3,311	3,982	3,208	3,692	3,832	5,719	4,712	4,550	4,315	5,166
Tennessee.....	3,330	3,920	3,585	4,378	4,681	6,464	8,075	7,671	7,986	8,834	16,662	13,177	13,242	12,160	12,069
Alabama.....	1,457	1,609	1,821	2,070	2,091	3,754	6,298	5,889	6,148	6,358	9,015	7,070	6,848	1/6,294	6,549
Mississippi.....	1,195	1,490	1,156	1,414	1,596	2,363	3,413	3,138	3,289	3,223	4,912	3,975	3,832	3,466	3,383
Arkansas.....	688	821	1,056	1,266	1,337	1,709	2,462	2,471	2,462	2,774	3,105	2,905	2,952	2,701	2,179
Louisiana.....	1,943	1,968	2,105	2,195	2,225	3,692	5,098	5,290	5,930	5,335	7,514	7,144	6,617	6,789	6,917
Oklahoma.....	3,290	2,677	3,117	3,561	3,544	4,006	5,251	4,891	5,650	5,786	8,556	7,834	6,736	6,244	6,119
Texas.....	7,524	8,331	10,138	10,816	11,428	15,298	21,429	21,339	21,943	21,830	32,706	26,477	24,157	1/22,805	23,487
South Central.....	20,743	22,273	24,754	27,806	28,931	40,597	55,933	53,897	57,100	57,972	88,189	73,295	68,934	64,774	65,869
Montana.....	1,187	1,355	1,316	1,426	1,573	1,579	1,741	1,419	1,499	1,588	2,809	2,726	2,721	2/2,893	2,751
Idaho.....	807	1,098	984	973	1,013	1,034	1,301	1,317	1,387	1,465	2,480	2,336	2,058	2,176	2,281
Wyoming.....	179	320	349	273	413	583	523	597	523	604	883	800	760	634	923
Colorado.....	2,656	2,915	2,827	3,105	3,100	3,326	4,401	4,028	4,065	4,255	6,339	5,831	5,272	5,275	5,471
New Mexico.....	281	368	372	463	469	568	767	776	989	1,009	1,380	1,204	1,094	973	1,117
Arizona.....	392	859	632	752	785	1,009	1,382	1,303	1,489	1,479	2,227	1,831	1,918	1,499	1,606
Utah.....	1,163	1,221	1,012	1,073	1,235	1,388	2,341	2,280	2,372	3,609	3,187	2,714	2,580	2,532	2,532
Nevada.....	161	196	175	215	201	245	294	365	552	516	569	638	704	721	697
Mountain.....	6,826	8,332	7,667	8,280	8,789	9,620	12,810	12,011	12,794	13,288	20,296	18,613	17,241	16,753	17,378
Washington.....	3,673	3,891	3,926	4,420	4,676	5,443	7,565	6,942	7,895	8,370	11,980	9,572	7,823	7,390	7,902
Oregon.....	1,923	2,092	2,376	2,648	3,135	3,558	4,410	4,451	4,238	4,719	7,153	6,678	6,120	6,303	6,577
California.....	15,643	17,359	16,594	19,501	20,360	23,548	30,825	30,836	34,333	38,693	55,499	48,036	40,039	37,546	38,789
Pacific.....	21,237	23,338	22,866	26,569	28,171	32,549	42,800	42,229	46,466	51,782	74,632	64,286	53,982	51,239	53,268
UNITED STATES.....	243,551	280,901	281,939	304,522	318,088	390,175	464,146	411,626	444,198	476,357	713,594	630,766	576,261	1/557,929	555,984

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Table 36 - Sherbet, excluding water ices: Production, by States, 1936-1950

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.	1000 gal.
Maine.....	9	16	23	39	33	29	32	386	484	484	37	23	18	24	31
New Hampshire.....	3	9	9	9	8	10	14	63	71	87	8	12	16	18	44
Vermont.....	5	8	15	15	15	15	12	168	159	191	19	9	10	16	23
Massachusetts.....	245	333	383	408	444	492	475	1,608	1,573	1,547	519	286	352	466	559
Rhode Island.....	5	8	13	23	65	25	37	378	377	350	150	42	27	54	60
Connecticut.....	72	88	86	94	112	106	45	882	745	803	193	82	43	76	106
New England.....	339	462	529	588	677	677	618	3,485	3,409	3,462	926	454	466	654	823
New York.....	518	583	479	453	295	322	414	5,826	5,500	5,849	851	710	912	764	843
New Jersey.....	63	101	82	123	124	90	49	625	338	476	56	69	112	127	156
Pennsylvania.....	214	289	127	206	225	259	241	3,402	4,650	6,453	925	553	668	482	408
Middle Atlantic.....	795	973	686	782	644	731	704	9,853	10,488	12,778	1,832	1,332	1,692	1,373	1,407
Ohio.....	201	205	271	313	357	514	682	2,863	3,316	4,193	514	452	656	829	854
Indiana.....	71	62	86	115	136	166	166	946	1,248	1,457	113	145	211	339	425
Illinois.....	176	328	557	564	570	717	687	2,207	3,624	4,269	1,251	1,271	860	998	1,469
Michigan.....	163	286	291	344	448	459	504	2,006	2,039	2,750	529	643	599	1,793	1,244
Wisconsin.....	55	85	113	140	197	147	142	833	1,083	1,573	189	152	164	172	281
West North Central.....	666	966	1,318	1,496	1,708	1,991	2,161	9,535	11,150	14,282	2,596	2,663	2,490	3,131	4,233
Minnesota.....	48	72	85	95	96	119	108	539	528	1,385	152	123	141	178	266
Iowa.....	58	81	156	156	154	160	165	1,310	1,325	1,868	296	203	231	309	386
Missouri.....	157	126	176	163	271	173	166	1,311	992	2,180	474	339	320	362	501
North Dakota.....	22	16	15	12	13	10	14	134	124	383	1	4	20	28	37
South Dakota.....	17	28	23	33	45	45	41	132	106	223	8	16	33	69	69
Nebraska.....	152	153	131	148	154	169	184	511	481	559	125	126	143	176	173
Kansas.....	85	83	95	75	60	54	21	206	188	344	102	86	90	119	171
West North Central.....	539	559	659	682	793	730	699	4,143	3,744	6,242	1,158	897	978	1,241	1,605
District of Columbia.....	65	67	95	60	75	122	104	759	446	989	160	63	92	141	197
Delaware.....	-	-	2	-	1	-	-	278	168	24	83	48	42	119	60
Maryland.....	56	112	45	39	60	53	49	1,477	1,013	637	187	118	246	359	550
Virginia.....	41	53	44	91	129	93	91	649	624	947	43	63	73	296	573
West Virginia.....	64	84	69	88	22	32	41	451	345	385	23	96	245	304	296
North Carolina.....	70	198	193	514	602	190	487	699	995	1,265	288	228	277	284	220
South Carolina.....	-	5	10	23	27	27	35	102	228	540	143	72	40	68	55
Georgia.....	26	11	11	87	125	99	112	567	704	1,334	170	282	250	180	248
Florida.....	186	199	239	198	157	184	255	833	957	1,200	100	134	236	260	329
South Atlantic.....	508	749	708	1,100	1,198	800	1,215	5,815	5,480	7,321	1,197	1,104	1,501	2,011	2,548
Kentucky.....	69	86	75	66	69	122	143	508	461	822	89	70	107	137	182
Tennessee.....	119	92	92	116	136	230	171	1,110	1,183	1,599	102	130	333	292	348
Alabama.....	24	10	26	31	171	126	84	599	513	914	137	108	327	185	277
Mississippi.....	36	33	79	73	103	77	104	183	214	336	191	206	244	215	188
Arkansas.....	26	13	25	39	27	29	18	131	147	177	24	56	23	43	17
Louisiana.....	47	20	66	68	123	117	184	799	880	1,409	551	400	370	308	448
Oklahoma.....	67	64	76	105	101	102	145	549	597	1,103	47	84	114	203	255
Texas.....	189	304	229	347	301	263	395	2,599	2,448	3,879	1,448	1,077	1,123	866	1,086
South Central.....	577	622	668	845	1,031	1,066	1,248	6,478	6,843	10,239	2,599	2,331	2,621	2,248	2,801
Montana.....	34	28	25	28	34	28	38	104	121	81	20	17	23	31	38
Idaho.....	7	10	39	28	31	32	24	79	100	80	12	19	26	34	46
Wyoming.....	5	13	8	9	8	15	10	18	23	15	3	6	7	15	50
Colorado.....	104	110	116	128	134	128	120	480	402	740	95	93	97	84	146
New Mexico.....	6	7	3	22	14	11	6	89	31	122	39	24	24	35	55
Arizona.....	14	16	14	15	12	14	30	77	105	226	75	61	59	55	83
Utah.....	59	53	30	38	60	64	37	346	322	339	28	34	73	76	76
Nevada.....	-	-	5	1	15	12	19	10	6	3	-	4	24	33	47
Mountain.....	229	237	240	271	308	304	284	1,203	1,110	1,606	272	258	333	405	541
Washington.....	131	131	83	82	133	130	101	935	1,383	1,917	450	331	133	121	191
Oregon.....	10	33	64	74	68	92	103	485	633	778	118	95	90	126	152
California.....	1,478	1,260	1,089	7,873	1,529	1,539	1,639	5,286	5,241	5,852	871	1,382	1,927	2,255	2,169
Pacific.....	1,619	1,424	1,236	8,029	1,730	1,761	1,843	6,706	7,257	8,547	1,459	1,608	2,130	2,553	3,112
UNITED STATES.....	5,272	5,992	6,046	13,793	8,089	8,060	8,772	47,218	49,481	65,177	12,019	10,447	12,211	17,616	17,070

1/ Revised.

Table 37-Net whole milk equivalents: Calculated quantities of milk used in manufactured dairy products, by States, 1936-1950 1/

State and division	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Maine.....	13,465	15,551	16,916	16,138	13,349	23,127	31,917	24,299	29,780	32,191	53,474	45,372	46,044	51,643	45,900
New Hampshire.....	4,868	5,657	6,325	7,317	7,307	9,037	10,910	8,992	15,206	17,258	18,001	17,417	13,553	13,069	14,115
Vermont.....	74,065	91,941	86,178	72,359	88,301	68,221	70,458	97,466	149,509	147,511	133,458	128,379	89,452	91,131	132,869
Massachusetts.....	39,878	116,694	106,150	115,536	118,001	145,283	161,975	143,917	155,968	173,732	205,369	224,539	199,320	201,358	208,659
Rhode Island.....	15,490	20,961	22,132	24,886	24,727	34,413	45,153	38,242	34,726	39,022	58,792	52,374	44,200	41,963	44,417
Connecticut.....	48,225	58,505	58,434	63,607	68,463	91,092	99,588	62,724	65,014	71,261	108,044	125,914	100,266	99,596	105,032
New England.....	259,397	309,369	296,175	299,903	323,148	371,173	420,001	375,050	450,288	482,975	642,138	573,995	492,835	498,760	550,922
New York.....	1,016,242	1,090,976	1,641,675	1,675,607	1,907,487	2,153,234	2,585,823	2,265,650	2,254,894	2,266,617	1,913,338	2,222,952	1,922,361	2,443,605	2,460,492
New Jersey.....	87,039	109,897	126,187	123,566	133,053	147,108	137,860	110,145	117,079	128,162	216,624	193,023	169,054	175,375	196,916
Pennsylvania.....	844,113	940,161	979,167	1,059,561	1,140,768	1,238,154	1,302,787	1,153,235	1,128,752	1,266,538	1,502,349	1,520,052	1,458,263	1,541,119	1,555,776
Middle Atlantic.....	2,544,994	2,741,034	2,747,830	2,858,794	3,181,908	3,538,496	4,075,456	3,529,030	3,500,725	3,661,317	3,638,311	3,936,037	3,549,838	4,160,100	4,213,116
Ohio.....	2,172,402	2,232,147	2,433,911	2,450,542	2,489,432	2,810,898	3,062,173	2,968,067	2,985,462	3,083,514	2,840,525	3,029,396	2,897,575	3,186,994	3,054,944
Indiana.....	1,714,624	1,686,600	1,852,410	1,790,568	1,890,876	1,913,046	1,983,984	1,801,355	1,692,933	1,720,844	1,548,226	1,590,087	1,529,924	1,724,730	1,544,682
Illinois.....	2,115,741	2,229,029	2,512,120	2,504,223	2,705,778	3,083,546	3,187,991	2,936,687	2,910,834	2,993,175	3,034,877	2,958,947	2,752,240	2,944,839	2,811,374
Michigan.....	2,333,425	2,320,874	2,475,491	2,550,596	2,788,625	2,835,750	2,736,938	2,421,873	2,392,466	2,384,408	2,219,786	2,277,674	2,076,597	2,329,222	2,395,636
Wisconsin.....	3,301,193	3,430,864	5,169,948	6,955,492	9,776,853	10,802,877	11,126,673	10,543,914	10,355,874	10,370,382	9,728,229	10,579,590	9,929,972	11,030,684	10,841,799
West North Central.....	17,237,413	16,511,562	18,444,880	18,291,415	19,051,564	21,506,123	22,097,544	20,671,930	20,344,591	21,052,323	19,371,643	20,443,054	19,166,268	21,216,469	20,682,424
Minnesota.....	6,472,532	6,200,012	6,771,630	6,673,026	7,008,237	7,432,832	7,316,772	6,871,143	6,097,313	5,981,856	4,834,381	6,341,133	5,872,824	6,397,578	6,273,726
Iowa.....	4,547,019	4,389,954	5,013,507	5,098,580	5,364,738	5,647,384	5,403,875	5,294,650	4,741,554	4,831,400	4,776,025	4,790,256	4,301,475	4,415,088	4,558,102
Missouri.....	1,051,593	1,798,668	2,106,908	1,962,830	2,021,953	2,331,084	2,246,980	2,145,900	2,224,000	2,350,507	2,158,627	2,350,005	2,337,251	2,448,865	2,366,604
North Dakota.....	934,111	920,548	962,758	1,092,175	1,258,137	1,392,980	1,462,232	1,225,808	1,212,204	1,108,102	1,094,114	1,084,558	988,739	951,452	974,387
South Dakota.....	440,407	742,127	731,225	837,976	956,854	1,023,395	1,003,034	957,834	812,823	760,272	835,034	801,141	713,843	718,965	740,088
Nebraska.....	1,537,143	1,393,844	1,500,174	1,778,395	1,822,998	2,007,409	2,015,235	2,094,550	1,730,456	1,668,732	1,822,008	1,780,164	1,755,612	1,657,668	1,718,489
Kansas.....	1,859,135	1,527,223	1,628,354	1,871,537	1,811,183	1,992,583	1,960,317	1,787,744	1,577,192	1,397,651	1,347,331	1,450,283	1,291,133	1,288,258	1,357,056
West North Central.....	17,533,155	17,040,336	18,974,250	19,374,479	20,244,100	21,628,215	21,393,415	20,511,631	18,466,063	18,103,980	16,906,120	18,607,550	17,258,637	17,877,874	17,593,532
District of Columbia.....	23,948	25,949	27,240	29,023	30,701	40,310	54,748	52,003	57,918	62,850	83,941	65,788	57,698	57,610	55,020
Delaware.....	11,628	12,977	12,089	12,052	12,173	13,972	14,593	13,388	14,463	16,354	22,159	18,585	16,513	16,749	16,941
Maryland.....	114,431	120,441	152,719	152,650	146,748	175,635	201,718	168,807	190,433	213,467	232,180	260,458	247,912	257,381	257,654
Virginia.....	161,339	173,268	202,747	195,122	217,567	223,799	241,876	208,850	288,587	318,399	352,287	359,172	373,378	383,697	375,507
West Virginia.....	36,110	87,773	95,428	91,104	141,121	156,726	134,085	141,123	159,199	181,555	187,231	177,756	171,742	170,388	170,388
North Carolina.....	60,096	65,551	74,404	62,853	83,525	118,028	128,851	133,420	152,475	171,414	198,588	191,613	206,518	214,357	223,704
South Carolina.....	16,293	15,568	17,037	15,994	15,361	24,378	32,072	33,030	40,449	42,595	38,055	35,515	33,642	35,043	35,043
Georgia.....	50,365	54,200	58,899	54,871	64,442	53,874	66,164	74,422	73,629	66,500	85,045	79,222	73,226	71,352	87,545
Florida.....	12,816	13,481	17,281	18,651	18,176	23,576	32,750	59,742	59,738	63,767	81,475	76,155	62,745	67,271	79,040
South Atlantic.....	489,452	573,368	657,844	638,920	663,147	814,057	929,503	938,057	1,019,627	1,118,579	1,285,771	1,276,363	1,261,170	1,273,809	1,303,848
Kentucky.....	545,909	549,154	642,074	588,685	576,383	717,339	806,693	752,401	733,862	901,747	868,732	1,012,088	1,050,038	1,136,375	1,099,375
Tennessee.....	494,799	510,614	626,926	543,199	541,545	652,537	716,533	716,143	748,294	644,351	886,029	978,311	985,032	1,008,129	969,318
Alabama.....	62,307	69,337	73,237	62,153	52,566	84,415	96,561	93,361	92,854	94,833	97,893	94,852	85,206	82,301	86,361
Mississippi.....	260,515	250,317	330,155	273,127	243,967	305,536	321,211	265,711	321,095	338,595	295,493	297,128	294,470	313,562	354,554
Arkansas.....	129,278	163,198	176,211	152,532	171,135	231,804	230,146	204,841	250,453	281,757	239,900	268,672	310,610	314,463	308,381
Louisiana.....	53,258	52,314	56,011	57,102	52,126	65,974	72,714	67,355	73,192	68,010	88,752	87,025	93,771	93,197	93,771
Oklahoma.....	765,503	931,114	1,054,555	1,048,674	1,056,439	1,227,832	1,156,477	1,109,722	1,057,998	1,040,577	912,200	893,178	780,832	752,822	781,395
Texas.....	808,192	897,162	1,032,843	1,009,435	993,614	1,173,372	1,148,843	1,090,919	997,733	897,648	801,450	780,665	627,478	603,897	591,285
South Central.....	3,083,676	3,463,110	3,998,617	3,719,509	3,688,399	4,454,809	4,549,180	4,305,153	4,335,481	4,471,274	4,189,407	4,413,646	4,220,691	4,334,856	4,284,032
Montana.....	268,071	245,043	267,397	281,505	304,151	314,833	298,350	296,006	236,221	258,197	255,745	258,174	234,722	223,337	225,114
Idaho.....	718,366	747,173	826,274	839,671	961,928	961,928	967,317	967,317	1,056,156	966,361	962,368	962,368	861,296	862,293	852,114
Wyoming.....	64,342	75,445	77,992	81,291	92,309	92,188	84,152	87,703	82,345	79,340	83,627	82,469	65,771	65,295	79,436
Colorado.....	577,004	570,016	605,455	605,679	636,052	636,052	636,052	636,052	636,052	636,052	636,052	636,052	636,052	636,052	636,052
New Mexico.....	39,033	43,844	42,953	46,111	74,782	80,775	79,460	65,713	53,342	44,351	49,229	44,015	40,215	41,977	41,977
Arizona.....	69,161	71,740	75,051	79,486	74,613	76,324	76,324	64,926	65,612	61,511	63,531	65,415	61,614	64,445	68,275
Utah.....	375,154	360,503	347,056	344,463	365,724	410,041	417,883	415,002	432,607	417,609	369,505	400,444	408,321	385,726	397,856
Nevada.....	37,743	51,147	44,160	52,843	52,843	53,011	44,856	37,868	33,506	24,176	27,622	24,176	31,499	31,499	30,949
Mountain.....	2,152,854	2,151,061	2,354,852	2,350,529	2,476,636	2,628,067	2,658,606	2,607,906	2,336,399	2,333,374	1,986,543	2,282,545	2,169,551	2,077,927	2,151,382
Washington.....	946,303	962,501	993,547	1,001,542	1,047,268	1,136,447	1,100,833	956,424	969,761	866,622	731,147	793,673	755,027	711,910	700,359
Oregon.....	752,941	771,033	817,132	820,699	860,314	924,216	901,415	812,388	836,779	795,739	739,131	762,183	687,712		

Table 38 - Skim milk equivalents: Calculated quantities used in manufactured skim milk and buttermilk products, by States, 1936-1950 1/

State and division	1936	1937	1938		1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Maine.....	10,331	8,851	5,464	13,953	16,369	17,236	13,302	5,645	13,710	20,113	19,979	15,911	12,293	35,048	58,807	1,123
New Hampshire.....	10,349	3,139	4,676	3,849	8,000	7,118	7,090	5,421	10,447	1,563	560	150	212	306	1,123	1,123
Vermont.....	245,483	261,132	225,184	295,152	369,012	375,220	379,984	282,834	272,047	262,909	134,024	204,860	195,043	374,084	407,665	17,962
Massachusetts.....	4,600	5,381	0,181	8,256	8,231	10,381	10,144	14,438	9,525	8,251	22,065	4,555	4,133	5,349	5,349	5,349
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-	581	581	581
Connecticut.....	4,088	8,344	8,850	10,627	8,543	7,137	5,660	9,882	3,880	5,816	4,871	4,854	1,399	5,561	17,055	17,055
New England.....	274,871	286,844	250,355	329,737	410,221	417,092	416,142	318,220	310,009	298,652	181,509	230,338	213,080	420,929	502,812	502,812
New York.....	1,261,723	1,248,814	1,391,902	1,505,149	1,795,834	1,731,422	1,672,586	1,167,217	1,178,941	1,347,721	1,269,070	1,331,918	1,265,658	1,746,523	1,876,249	1,876,249
New Jersey.....	7,057	8,223	10,225	8,955	9,645	10,894	18,733	5,775	3,625	9,936	6,168	3,986	5,437	4,621	8,329	8,329
Pennsylvania.....	355,388	420,185	421,906	366,069	428,323	438,055	475,660	363,511	361,492	380,525	375,669	393,988	333,518	495,461	503,924	503,924
Middle Atlantic.....	1,624,168	1,677,222	1,824,033	1,880,113	2,233,802	2,180,371	2,166,975	1,556,503	1,544,058	1,744,182	1,650,907	1,729,892	1,604,613	2,247,005	2,388,502	2,388,502
Ohio.....	359,827	395,105	449,241	401,852	445,210	465,619	550,618	530,154	624,357	699,953	743,128	703,630	690,023	881,977	795,107	795,107
Indiana.....	201,212	224,520	277,643	253,310	276,950	331,985	423,810	391,662	455,324	525,512	665,231	571,260	553,708	690,878	587,314	587,314
Illinois.....	257,131	424,907	319,585	291,848	243,677	287,536	325,160	300,016	345,460	434,708	540,291	536,352	473,373	576,433	546,343	546,343
Michigan.....	566,865	619,465	674,751	585,986	620,230	590,932	708,961	612,223	686,277	779,248	804,690	800,992	685,499	992,446	869,234	869,234
Wisconsin.....	1,805,261	2,206,580	2,162,463	1,820,116	2,078,948	2,035,483	2,860,163	2,432,325	2,590,418	3,012,448	3,390,637	3,088,745	2,828,492	3,564,106	3,453,505	3,453,505
East North Central.....	3,210,316	3,870,977	3,883,683	3,353,112	3,665,015	3,711,555	4,874,712	4,267,380	4,701,836	5,444,869	6,143,977	5,700,799	5,155,555	6,705,829	6,251,503	6,251,503
Minnesota.....	469,727	554,018	603,020	597,065	786,942	1,073,506	1,484,055	1,463,048	1,775,378	2,428,419	2,916,172	2,553,897	2,227,648	2,480,880	2,259,644	2,259,644
Iowa.....	93,153	119,743	143,817	147,682	164,016	173,760	198,168	208,661	262,744	295,723	333,574	337,729	338,770	419,264	439,579	439,579
Missouri.....	233,410	276,265	323,930	263,165	290,034	328,019	349,034	384,575	442,446	495,561	563,455	553,641	532,390	610,205	558,177	558,177
North Dakota.....	26,433	23,274	24,392	24,483	32,558	39,980	54,188	52,315	64,048	53,378	61,486	44,978	39,375	37,301	36,861	36,861
South Dakota.....	10,559	7,576	7,450	7,080	9,096	10,412	10,142	20,253	17,279	15,152	15,944	18,937	21,342	21,159	24,689	24,689
Nebraska.....	115,294	117,376	104,906	99,809	109,560	120,004	156,661	137,690	118,680	115,654	162,065	158,483	115,587	129,421	151,075	151,075
Kansas.....	107,159	124,518	160,229	161,282	155,303	201,150	209,981	207,145	266,399	298,891	317,992	320,917	317,775	346,564	351,299	351,299
West North Central.....	1,055,769	1,218,370	1,367,744	1,290,565	1,547,509	1,952,831	2,472,684	2,470,913	2,944,847	3,702,951	4,370,648	3,988,582	3,592,887	4,040,794	3,821,282	3,821,282
District of Columbia.....	-	350	525	2,000	1,619	981	1,244	1,419	73	33	118	103	175	2,244	6,929	6,929
Delaware.....	-	-	-	-	12	6	12	12	12	12	12	12	12	25	231	231
Maryland.....	62,192	62,414	97,320	93,757	81,937	85,035	58,753	47,960	57,533	68,838	77,851	82,681	75,452	151,482	190,905	190,905
Virginia.....	21,124	30,062	38,010	36,569	45,073	39,619	46,044	45,659	53,536	66,094	85,606	99,936	129,391	174,058	167,151	167,151
West Virginia.....	2,125	4,219	4,494	4,960	6,814	8,139	7,871	10,410	8,166	11,295	11,419	24,927	23,049	28,547	38,025	38,025
North Carolina.....	951	656	1,203	4,128	7,260	13,175	2,249	19,458	13,662	20,384	9,677	719	8,146	12,233	16,066	16,066
South Carolina.....	-	31	-	37	62	31	-	-	-	-	-	-	-	-	344	344
Georgia.....	31	625	694	650	612	650	825	205	156	301	638	4,854	1,404	7,909	11,145	11,145
Florida.....	2,124	2,087	2,517	4,153	4,041	4,597	3,143	81	25	12	355	1,478	3,336	5,688	9,833	9,833
South Atlantic.....	89,050	160,444	144,763	146,254	147,430	152,233	120,129	125,192	133,163	166,976	185,676	214,836	242,562	378,392	440,403	440,403
Kentucky.....	35,421	37,960	50,488	44,751	42,554	49,331	70,234	71,992	63,301	72,304	112,523	76,787	86,628	104,601	117,723	117,723
Tennessee.....	52,389	57,868	69,025	44,781	44,211	59,777	64,129	59,518	57,399	65,626	68,483	63,557	74,324	82,671	80,187	80,187
Alabama.....	5,471	1,705	0,521	7,772	4,989	4,323	1,353	3,895	14,060	6,671	14,295	9,388	7,544	10,236	9,612	9,612
Mississippi.....	21,781	37,074	50,045	24,306	23,701	36,987	31,318	29,321	42,122	48,722	37,405	41,348	40,208	56,838	58,330	58,330
Arkansas.....	1,087	1,622	1,492	1,554	1,604	1,584	1,846	4,477	3,665	3,515	4,124	12,004	15,558	19,172	19,163	19,163
Louisiana.....	2,842	3,553	0,788	3,020	4,132	6,126	5,111	5,282	2,324	111	844	1,554	5,955	13,953	9,798	9,798
Oklahoma.....	25,767	30,322	36,712	48,548	57,303	65,652	64,352	72,705	92,720	92,716	81,356	96,560	88,399	101,133	105,985	105,985
Texas.....	58,595	84,995	95,907	77,627	81,991	89,138	89,833	76,852	100,704	108,717	82,939	70,677	84,251	87,483	88,207	88,207
South Central.....	203,453	255,099	316,978	252,959	260,685	313,918	328,176	324,042	376,295	398,382	401,969	371,875	372,867	476,087	489,005	489,005
Montana.....	3,551	5,566	2,711	3,485	4,674	4,436	3,937	4,469	4,378	5,114	4,471	3,888	4,369	5,325	5,988	5,988
Idaho.....	183,801	216,741	245,546	210,019	252,776	281,861	374,453	364,086	416,683	462,042	401,247	339,368	356,709	356,114	375,866	375,866
Wyoming.....	1,959	8,596	8,887	7,844	7,452	8,206	9,115	10,281	10,602	594	12,090	12,751	12,598	13,221	13,004	13,004
Colorado.....	24,036	23,946	29,012	26,315	25,891	24,723	29,751	25,773	29,493	33,748	31,732	29,456	27,747	37,748	41,623	41,623
New Mexico.....	175	156	331	2,392	2,050	2,820	4,043	1,850	1,535	1,615	2,680	1,846	2,010	2,588	3,853	3,853
Arizona.....	13,433	15,468	18,566	20,374	17,418	15,904	17,117	14,845	17,117	16,285	9,689	15,187	15,125	13,168	21,825	21,825
Utah.....	35,026	63,581	73,988	70,178	77,877	75,868	79,907	88,972	99,953	90,063	57,493	61,297	65,947	78,908	74,082	74,082
Nevada.....	891	818	1,119	1,056	1,231	1,481	1,350	1,342	3,883	4,066	3,472	4,006	4,268	3,867	1,035	1,035
Mountain.....	262,872	334,832	380,220	341,663	369,369	415,319	519,733	513,618	584,339	593,467	522,874	517,759	489,411	510,939	537,276	537,276
Washington.....	201,982	258,318	257,551	224,576	250,599	250,780	271,426	271,426	308,271	256,471	202,079	248,488	210,672	250,952	235,362	235,362
Oregon.....	82,670	106,556	105,231	99,997	129,637	155,006	159,732	133,768	121,801	99,274	91,565	137,150	90,969	112,389	125,013	125,013
California.....	1,154,446	1,231,259	1,246,370	1,243,226	1,394,675	1,355,559	1,283,895	1,032,083	921,020	803,917	999,763	1,222,724	1,065,648	1,267,727	1,121,598	1,121,598
Pacific.....	1,439,398	1,596,133	1,609,152	1,566,899	1,774,911	1,761,345	1,745,053	1,446,342	1,361,092	1,35						

Table 39—Whole milk used in manufactured dairy products: Calculated quantities used in certain products, by States, on a whole milk equivalent basis, 1950

State and division	Creamery butter 1000 lb.	Cheese		Wap. milk (unassorted) Case 1000 lb.	Cond. milk (unassorted) Bulk 1000 lb.	Sweetened cond. milk Case & bulk 1000 lb.	Dry whole milk 1000 lb.	Ice cream & other frozen products 1000 lb.	Others milk & products 1000 lb.	Total 1000 lb.	Duplications 1000 lb.	Net total 1000 lb.
		American 1000 lb.	Other than American 1000 lb.									
Maine	3,279	26	1,789	-	9,789	816	-	40,366	3,975	60,040	14,140	45,900
New Hampshire	23	-	-	-	-	-	-	21,308	179	21,510	7,395	14,115
Vermont	40,469	27,632	19,632	-	5,616	-	8,974	20,600	14,100	137,163	4,294	132,869
Massachusetts	5,257	-	23,973	-	79	-	-	298,308	525	328,052	139,393	208,659
Rhode Island	-	-	1,315	-	-	-	-	61,273	-	62,588	18,171	44,417
Connecticut	100	-	2,466	-	6,395	-	-	98,564	2,447	109,972	4,940	105,032
New England	48,978	27,658	49,175	-	22,079	816	8,974	940,419	21,226	719,325	168,333	550,992
New York	586,155	380,761	489,391	74,000	161,500	23,638	211,486	891,342	236,031	2,954,307	493,883	2,460,424
New Jersey	2,895	222	16,543	-	-	-	-	184,473	3,282	207,455	10,539	196,916
Pennsylvania	200,644	13,000	106,429	120,722	70,639	3,178	-	1,017,767	161,569	1,645,237	59,459	1,585,776
Middle Atlantic	849,697	393,983	612,403	194,722	232,139	27,416	211,486	2,093,582	22,259	4,776,931	563,881	4,213,116
Ohio	1,444,862	244,263	178,816	594,342	31,974	11,284	98,798	466,575	64,109	3,138,866	83,942	3,054,944
Indiana	742,500	132,526	11,421	295,053	49,632	875	25,008	223,143	11,000	1,601,170	56,488	1,544,682
Illinois	1,282,233	466,361	329,772	344,028	5,278	11,472	24,187	470,026	3,285	2,956,641	24,426	2,932,215
Michigan	1,205,442	269,111	20,000	398,833	17,583	55,112	84,864	367,300	34,103	2,452,392	56,756	2,395,636
Wis.	3,307,772	4,362,143	1,413,545	1,403,000	43,556	38,889	304,184	253,395	117,278	11,243,762	401,963	10,841,799
East North Central	7,982,869	5,674,404	1,933,933	2,945,256	146,023	117,952	536,393	1,780,439	262,766	21,401,522	723,416	20,678,105
Minnesota	5,389,747	462,306	64,229	53,083	-	18,944	121,368	198,263	19,660	6,327,640	48,924	6,278,716
Iowa	4,194,987	107,667	6,600	90,899	111	56	-	166,805	7,333	4,674,444	16,346	4,658,098
Missouri	1,240,575	596,513	256	331,103	7,744	308	250	271,288	20,579	2,418,596	51,952	2,366,644
North Dakota	996,000	-	-	-	-	-	-	29,866	222	986,088	11,701	974,387
South Dakota	691,421	16,681	-	-	-	-	-	40,134	805	749,222	9,134	740,088
Nebraska	1,635,366	20,556	-	-	-	1,889	-	91,474	4,987	1,746,272	27,783	1,718,489
Kansas	1,051,658	98,216	-	113,514	5,351	351	-	90,795	-	1,368,226	11,930	1,356,296
West North Central	15,159,734	1,292,119	71,085	588,589	13,206	21,548	121,618	840,605	62,228	18,170,792	177,260	17,993,532
District of Columbia	-	-	-	-	-	-	-	93,475	1,675	95,150	37,130	58,020
Delaware	225	-	-	-	105	-	-	27,333	50	27,732	10,851	16,881
Maryland	72,343	-	132	66,684	36,737	53	-	124,925	6,000	306,874	49,220	257,654
Virginia	151,933	2,590	-	118,432	5,430	949	-	134,537	1,407	415,528	40,011	375,507
West Virginia	32,727	1,410	-	64,026	231	-	-	72,262	3,310	173,966	3,576	170,388
North Carolina	45,535	13,590	-	65,350	1,410	26	-	155,946	1,341	313,797	90,993	222,804
South Carolina	3,100	-	-	16,381	-	-	-	23,750	68	49,299	14,250	35,049
Georgia	6,300	3,725	-	-	3,690	24	-	88,318	372	104,429	16,284	88,145
Florida	23	-	-	-	875	190	-	125,280	1,714	128,082	49,042	79,040
South Atlantic	314,186	21,315	132	332,133	48,458	1,321	-	881,425	15,937	1,624,907	311,059	1,313,848
Kentucky	404,041	227,300	-	432,400	-	300	-	65,976	8,941	1,118,558	19,343	1,099,215
Tennessee	239,489	394,900	25,625	299,925	75	-	3,618	150,113	3,114	1,017,259	47,941	969,318
Alabama	2,857	27,190	-	-	-	-	-	80,311	159	110,477	24,113	86,364
Mississippi	71,753	107,075	575	117,400	2,000	26,425	-	37,555	45	315,428	6,877	308,551
Arkansas	114,292	117,392	-	60,050	-	-	-	24,629	643	317,006	8,625	308,381
Louisiana	9,200	1,775	125	-	-	-	-	63,977	2,455	97,532	4,199	93,333
Oklahoma	617,627	81,051	9,385	-	7,692	2,128	175	77,387	6,857	602,502	21,117	581,385
Texas	224,263	46,475	-	56,875	-	300	150	285,864	6,209	622,136	30,851	591,285
South Central	1,663,722	963,718	15,910	906,650	10,067	29,003	3,993	805,812	30,023	4,445,858	164,866	4,280,992
Montana	185,660	29,081	-	-	-	-	-	36,615	1,538	232,894	7,580	225,314
Idaho	474,864	178,533	22,747	162,613	-	-	2,590	35,140	1,481	677,968	25,854	652,114
Wyoming	48,937	892	18,851	-	-	-	-	12,590	297	61,577	2,141	59,436
Colorado	1,364	20,694	-	35,083	4,972	-	3,444	78,606	13,605	90,768	5,305	85,463
New Mexico	1,700	2,000	-	-	2,000	-	-	16,275	902	18,177	900	17,277
Arizona	23,872	-	1,360	12,453	4,773	-	-	25,051	2,000	69,509	1,234	68,275
Utah	124,156	66,081	48,243	129,649	-	-	2,769	40,263	4,611	47,772	20,114	27,658
Nevada	17,342	1,370	-	-	-	-	-	12,763	162	31,637	688	30,949
Mountain	1,220,895	300,651	91,211	339,798	11,745	-	8,803	257,303	24,795	2,255,202	63,816	2,191,386
Washington	366,770	36,182	17,974	148,312	6,831	701	854	110,684	21,119	709,427	9,068	700,359
Oregon	311,876	221,900	4,775	25,525	-	15,600	5,209	84,489	6,568	675,942	23,190	652,752
California	719,718	42,750	94,917	695,528	44,139	14,111	53,658	603,692	116,711	2,345,224	88,316	2,256,908
Pacific	1,398,364	300,832	77,666	869,365	50,970	30,412	59,721	796,865	144,398	3,730,593	120,574	3,610,019
UNITED STATES	28,636,505	8,974,680	2,891,135	6,176,513	530,687	228,008	951,584	7,998,450	722,943	57,118,505	2,293,205	54,825,300

1/ Total whole-milk equivalent of factory dairy products calculated from production in each State as reported by the Bureau of Agricultural Economics, and pounds of fat received at plants per pound of product made and test of milk used for each purpose as determined from a survey of 1,500 plants in 46 States for the year July 1930 to June 1931. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced. Because of interstate shipments the milk equivalent of products manufactured in each State does not necessarily show utilization of milk produced in the State.

Duplication is removed on the basis of information from the survey referred to above: 201 plants making American cheese reported the sale of 0.0281 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, deductions were made for the amount of fat recovered in whey cream and used for making butter, and for the amount of fat from butter and concentrated milk used in making ice cream.

2/ Includes milk equivalents of dry cream, salted milk powder, part-skim dry milk, dry or concentrated ice-cream mix, and creamed cottage cheese. The latter product was not included until 1940.

Table 40-Skim milk equivalents: Calculated quantities used in certain skim milk and buttermilk products, by States, 1950 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 3/	Total
			Case	Bulk				Butter- milk	Nonfat milk solids 4/		
	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.	1000 lb.
Maine.....	-	27,329	-	6,228	28,857	-	-	-	4,939	1,454	59,807
New Hampshire.....	-	1,059	-	54	-	-	-	-	-	-	1,113
Vermont.....	8,352	88,288	-	8,445	19,476	-	1,314	-	234,692	47,338	407,665
Massachusetts.....	-	2,856	-	3,724	166	-	-	-	10,956	250	17,962
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	64	16,169	-	-	822	-	-	-	-	-	17,055
New England.....	8,416	125,701	-	28,442	49,342	-	1,314	-	250,547	49,052	582,612
New York.....	2,912	281,544	-	83,274	204,292	36	3,657	6,798	1,105,566	185,210	1,876,249
New Jersey.....	352	2,794	-	552	759	-	-	-	3,872	-	8,323
Pennsylvania.....	-	106,959	-	83,254	85,158	8,241	10,377	-	197,340	7,604	503,924
Middle Atlantic.....	3,264	391,288	-	172,080	290,169	8,277	14,034	6,798	1,306,778	195,814	2,384,502
Ohio.....	5,200	163,038	-	50,490	80,121	-	62,220	22,473	411,565	-	795,107
Indiana.....	-	53,031	-	59,544	91,059	9,720	7,869	2,250	357,841	-	587,314
Illinois.....	122	128,045	-	54,744	80,678	2,532	130,866	7,139	122,705	22,562	546,343
Michigan.....	-	133,312	273	25,428	75,649	3,099	12,543	40,315	578,591	214	869,234
Wisconsin.....	-	129,812	-	97,467	222,084	-	-	37,334	2,682,710	84,036	3,453,595
West North Central..	5,332	604,218	273	287,673	549,471	15,352	213,498	115,511	4,353,382	106,814	6,251,503
Minnesota.....	8,176	42,856	-	21,126	34,614	-	24,987	208,571	1,790,294	129,020	2,259,644
Iowa.....	-	32,069	-	813	25,548	6,768	99,758	89,672	170,060	14,892	439,579
Missouri.....	128	61,969	-	7,566	79,899	4,296	26,724	11,627	365,981	-	558,177
North Dakota.....	-	1,104	-	1,812	-	-	4,392	27,005	2,508	-	36,861
South Dakota.....	2,848	1,850	-	273	-	-	10,830	8,688	-	-	24,689
Nebraska.....	-	19,369	-	6,300	18,147	-	32,484	21,120	53,647	-	191,073
Kansas.....	104	36,669	-	23,825	96,255	-	56,634	7,634	129,998	-	351,259
West North Central..	11,296	195,913	-	61,821	254,463	11,064	255,849	374,517	2,512,488	143,871	3,821,262
District of Columbia..	-	6,012	-	-	-	-	-	-	-	-	6,012
Delaware.....	96	812	-	21	-	-	-	-	-	-	929
Maryland.....	-	24,338	-	13,899	48,921	-	435	-	103,312	-	190,905
Virginia.....	-	13,206	-	16,683	72,760	-	-	-	64,482	-	167,351
West Virginia.....	-	25,850	-	127	12,426	1,521	987	880	6,237	-	38,018
South Carolina.....	-	11,666	-	-	-	-	-	-	-	-	16,066
North Carolina.....	-	344	-	-	-	-	-	-	-	-	344
Georgia.....	-	2,100	-	2,091	6,954	-	-	-	-	-	11,145
Florida.....	-	9,800	-	18	15	-	-	-	-	-	9,833
South Atlantic.....	96	84,268	-	32,829	145,356	1,521	1,422	880	174,031	-	440,403
Kentucky.....	-	34,219	-	4,251	7,569	-	43,722	-	27,962	-	117,723
Tennessee.....	-	12,906	-	15	50,790	-	2,484	-	13,992	-	80,187
Alabama.....	-	1,269	-	18	8,385	-	-	-	-	-	9,612
Mississippi.....	-	12	-	6,711	18,585	-	-	2,277	30,745	-	58,330
Arkansas.....	-	5,144	-	966	282	-	-	1,177	11,594	-	19,163
Louisiana.....	-	4,900	-	1,911	987	-	-	-	-	-	9,798
Oklahoma.....	-	27,444	-	1,185	14,208	-	11,260	12,243	32,307	7,318	105,985
Texas.....	-	35,012	-	3,231	45,315	-	579	1,540	2,530	-	88,207
South Central.....	-	122,906	-	16,288	146,061	-	58,065	17,237	119,130	7,318	489,005
Montana.....	-	5,988	-	-	-	-	-	-	-	-	5,988
Idaho.....	-	5,156	-	-	2,631	-	-	1,749	364,045	2,285	375,866
Wyoming.....	-	1,856	-	-	-	-	-	-	11,748	-	13,004
Colorado.....	-	20,256	-	5,694	2,751	-	4,617	8,305	-	-	41,623
New Mexico.....	-	3,544	-	-	180	-	129	-	-	-	3,853
Arizona.....	-	4,906	-	-	5,709	-	-	-	-	11,210	21,825
Utah.....	-	15,475	-	-	4,422	-	-	-	53,757	428	74,082
Nevada.....	-	375	-	-	-	-	-	-	660	-	1,035
Mountain.....	-	56,956	-	5,694	15,693	-	4,746	10,054	430,216	13,923	537,276
Washington.....	-	82,831	-	5,772	9,237	-	753	572	124,487	11,720	235,362
Oregon.....	-	22,625	-	2,706	924	-	729	1,584	95,415	-	125,013
California.....	-	330,119	-	25,926	178,611	-	-	8,195	517,693	133,054	1,193,598
Pacific.....	-	435,575	-	34,404	188,802	-	1,482	10,351	738,595	144,764	1,553,973
UNITED STATES.....	28,384	2,016,825	273	631,230	1,639,356	36,213	550,410	535,348	9,885,161	661,556	45,984,756

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, 6.25; dried or powdered buttermilk and nonfat dry milk solids, 11; dry casein, 35.7; and 3 each for case and bulk sweetened condensed skim milk, bulk unsweetened condensed skim milk (plain condensed), concentrated skim milk (for animal feed), and condensed or evaporated buttermilk.
 Because of the fact that some of the skimmed milk and buttermilk products are not standardized, and because of the variations in percentage of solids not fat in skim milk and buttermilk, these conversion factors are only approximate.

2/ Plain condensed.

3/ Includes skim milk for animal feed.

4/ Skimmed milk or buttermilk.

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