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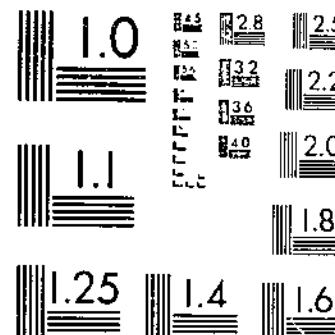
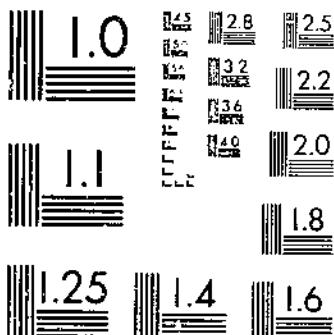
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SP-436 (1953)
PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1952
BUREAU OF THE BUDGET

USDA: STATE'S DETAILED PERSPECTIVE
ON THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1952

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PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, 1952

Prepared in the Agricultural Marketing Service 1/

Whole-milk Equivalents

Whole-milk equivalents of manufactured dairy products for 1952 totaled 51,280,518,000 pounds, a decline of about 1 percent from the total for 1951 and the lowest for any year since 1937, the Agricultural Marketing Service reports. A few individual commodities -- ice milk, Swiss cheese, cottage cheese curd and creamed cottage cheese, spray process nonfat dry milk solids, dry whey, and water ice -- showed record high production in 1952. Data on production of "Mellorine type" frozen desserts was obtained for the first time in 1952.

The whole milk equivalent of creamery butter continued to decline and in 1952 was, except for 1946, the lowest in a quarter century of records. Gains of 5 percent from 1951 to 1952 in the quantity of milk used in ice cream and other frozen products and 1 percent in milk used in cheese were more than offset by the 2-percent decline in milk used in butter and the 5-percent decrease in milk used for evaporated and condensed milk. By regions, the East North Central shows the greatest quantity of milk used in manufactured dairy products. It represents 38 percent of the total for the country. Wisconsin is the largest individual State with 21 percent of the United States total. Milk used in manufactured dairy products in the West North Central area was second highest of any region and represented 33 percent of the total for the country.

Creamery Butter

Output of creamery butter in 1952 totaled 1,188,170,000 pounds, the second lowest annual production since 1921. The 1952 output was 1 percent less than that of 1951 and 37 percent less than the all-time record high established in 1941. The West North Central region exceeded all other areas in production, with 653,322,000 pounds, or 55 percent of the total for the country. This output was 2 percent less than in 1951 while the East North Central region, with 335,637,000 pounds, registered a gain of 5 percent. Changes from the preceding year varied widely by States within these regions. The increase in Wisconsin's output, 12 percent, was the most marked, but gains were also registered in Minnesota, Ohio, and Indiana. The remaining States in these two regions were either unchanged or were lower and some States such as Kansas and South Dakota registered declines of as much as 13 and 10 percent, respectively.

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

Total Cheese Production

Production of all cheese in 1952 totaled 1,170,388,000 pounds, the fourth highest in 33 years of record, and up 1 percent from 1951. In Wisconsin, where 47 percent of the United States total is produced, output declined 1 percent from 1951 to 1952. However, gains were shown in many other major cheese-producing States -- New York 2 percent, Illinois 6 percent, Minnesota 13 percent, Missouri 3 percent, Michigan 8 percent, Kentucky 7 percent, Idaho 6 percent, and California 5 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, 1937-52

Year	Whole Milk Products						
	Net	Per capita	Percentage distribution				
			Creamery butter	All whole milk and part skim cheese	Evaporated and condensed milk	Ice cream and other frozen products	Other milk products
	1,000 pounds	Pounds	Percent	Percent	Percent	Percent	Percent
1937	47,954,074	372.2	59.3	13.6	9.6	7.2	0.3
1938	51,760,670	398.7	69.4	14.0	9.7	6.5	.4
1939	51,734,354	395.3	69.0	13.7	9.8	7.0	.5
1940	54,645,224	413.6	67.3	14.4	10.8	7.0	.5
1941	59,772,267	448.1	62.6	16.0	12.9	7.8	.7
1942	60,515,530	440.7	58.1	18.4	13.6	9.0	.9
1943	55,721,675	414.8	59.5	17.5	12.8	8.0	2.2
1944	54,776,539	395.8	54.6	18.5	14.9	8.6	3.4
1945	54,910,165	392.4	49.7	20.3	16.3	9.4	4.3
1946	51,722,010	365.8	45.2	21.2	14.0	15.8	3.8
1947	55,537,876	385.3	47.9	21.2	14.2	13.5	3.2
1948	51,859,098	353.7	46.7	21.1	15.7	12.9	3.6
1949	55,323,844	370.8	51.2	21.6	12.2	12.3	2.7
1950	55,169,944	363.7	50.4	21.5	12.6	12.5	3.0
1951	51,603,178	334.3	46.7	22.4	13.6	13.6	3.7
1952	51,220,515	326.7	45.0	22.7	13.4	14.7	3.3

American Cheese

The 1952 production of American cheese totaled 849,818,000 pounds, the lowest output since 1946 and a decline of 3 percent from the preceding year. Of this total, 94 percent was Cheddar and 6 percent colby, washed curd, stirred curd, Monterey, jack, etc. By regions, gains in production from 1951 to 1952 were as follows: 60 percent in New England, 3 percent in the West North Central region, and 2 percent in the South Central area. Production declined, however, in the Middle Atlantic 9 percent, the East North Central 5 percent, the South Atlantic 20 percent, the Mountain area 2 percent, and the Pacific area 1 percent. Very few States of major importance registered gains, although increases were shown by Missouri, Minnesota, Michigan, and Kentucky.

Production of Swiss cheese in 1952 was the highest in 35 years of record. At 108,032,000 pounds, output was 17 percent higher than a year earlier. Production in Illinois rose 34 percent from 1951 to 1952.

Illinois has increased its production of Swiss cheese sharply in the last

In 1937, Illinois produced only 11 percent of the United

States total. In 1952, it made 28 percent of the total quantity produced in this country. Production of brick cheese was 22,764,000 pounds for 1952, highest since 1941 and a gain of 1 percent from the preceding year. Wisconsin produced 71 percent of the United States total. Munster cheese is produced largely in Wisconsin where 84 percent of the domestic output is manufactured. For the country as a whole, production of Munster cheese totaled 11,057,000 pounds, the second highest of record and 20 percent more than in 1951. Limburger cheese for 1952 totaled 6,091,000 pounds, the second lowest of record, and down 7 percent from the preceding year. Although output of Italian cheese at 60,875,000 pounds in 1952 was 6 percent more than in 1951 and was the fourth highest of record, it was still 19 percent less than the record high of 1946. Production of cream cheese at 71,341,000 pounds was the second highest of record and 3 percent higher than that of 1951. Output of Neufchâtel cheese for 1952 was 5,810,000 pounds, highest since 1946, and 36 percent more than that of the preceding year. In the 10 years for which data are available on Blue Mold cheese, the 1952 production of 10,883,000 pounds was the highest, except for that of 1946, ever reported. Production was double the output of 1951. Unclassified varieties of cheese for 1952 totaled 22,408,000 pounds, a gain of 11 percent from the previous year.

Output of cottage cheese curd at 376,120,000 pounds was the highest in the 7 years for which records are available on this basis. The 1952 production was 5 percent higher than a year earlier. Production of creamed cottage cheese totaled 440,523,000 pounds, also record high and 9 percent more than in 1951. All regions registered higher production in 1952 than in previous years. The gains ranged from 3 percent in the West North Central region to 19 percent in the South Atlantic region.

Evaporated and Condensed Milk

Production of evaporated whole milk in 1952 totaled 2,839,682,000 pounds, 2 percent lower than in 1951 and, except for 1949, the lowest since 1940. By regions, gains over 1951 were as follows: West North Central 2 percent; South Atlantic 6 percent; South Central 3 percent; and Middle Atlantic 16 percent. The three regions in which output declined were: East North Central 4 percent; Pacific 9 percent; and the Mountain area 2 percent.

Output of canned condensed whole milk in 1952 totaled 54,438,000 pounds, the lowest since 1939, and a decline of 8 percent from a year earlier.

Production of plain condensed whole milk at 220,112,000 pounds for 1952 was the third highest of record, but was 4 percent less than that of 1951. The output of sweetened condensed whole milk totaled 49,008,000 pounds, highest since 1947.

Dry Whole Milk

Production of dry whole milk for 1952 at 101,732,000 pounds, was the lowest since 1942, and a decrease of 22 percent from the preceding year.

Ice Cream Production

Production of ice cream at 591,576,000 gallons for 1952 was 4 percent more than 1951. The 1952 output was the highest since 1947 but 2 percent less than the 1946-50 average. Gains in production compared with 1951 were shown in all of the following geographic regions: New England 6 percent; Middle Atlantic 3 percent; East North Central 4 percent; both West North Central and South Atlantic 5 percent; and both Mountain and Pacific regions 9 percent. The only region to show a smaller production in 1952 than 1951 was the South Central, with a drop of 2 percent. The State ranking first in production of ice cream for 1952 was Pennsylvania, followed by New York, California, Ohio, Illinois, Michigan, Texas, and Massachusetts.

Production of ice cream for wholesale totaled 537,194,000 gallons in 1952, a gain of 4 percent from the preceding year. Output for retail was 54,382,000 gallons, a gain of 5 percent from the preceding year. Wholesale production continued at 91 percent of the total output and the retail at 9 percent.

In 1952, the number of establishments freezing ice cream totaled 17,616 compared with 17,059 in 1951. Numbers have risen each successive year since 1944 and in 1952 totaled 3,550 plants more than in that year. The increase in the last few years has been largely in roadside stands, and has been particularly marked in the plants reporting ice milk. Establishments reporting ice milk in 1948 numbered 1,818 but by 1952 had risen to 7,214, about 4 times the 1948 figure. The number reporting ice milk in 1951 was 5,765.

Milk Sherbet Production

Production of milk sherbet in 1952 was 25,640,000 gallons, highest since 1945 and the fourth highest of record. The 1952 output was 25 percent higher than that of 1951. Gains in production were shown from 1951 to 1952 by all geographic regions, with the increases ranging from 12 percent in the Mountain States to as high as 60 percent in New England.

Ice Milk

Continuing to gain sharply, production of ice milk for 1952 equaled 53,163,000 gallons, the highest production of record, and up 16 percent from the preceding year. Gains have occurred in each succeeding year, except for two war years of 1943 and 1944, since a separate record on ice milk was started in 1940. This product was reported in Wisconsin for the first time in 1952, following a decision of State courts that it could be legally produced and sold. Most of the ice milk produced in the United States is sold in the soft form directly from freezers, but a trend toward selling a hard product in cartons is increasing.

Gains in production of ice milk from 1951 to 1952 by regions were as follows: New England 1 percent, East North Central 27 percent, West North Central 47 percent, South Atlantic 7 percent, South Central 13 percent, Mountain 25 percent, and Pacific 7 percent. California continues to rank first among the States with a production of 12,232,000 gallons, which percent of the total for the country.

Composite Production of All Frozen Dairy Products

Output of all frozen dairy products registered gains from 1951 to 1952, but production of low-fat products such as sherbet, ice milk, and other frozen dairy products rose much more rapidly on a percentage basis than did production of ice cream. The combined output of these low-fat products totaled 88,240,000 gallons, a gain of 13,022,000 gallons or 17 percent from 1951. Production of ice cream, both wholesale and retail combined, rose 22,727,000 gallons, or 4 percent, from 1951 to 1952. In 1946, output of ice cream represented 96 percent of the combined production of all four frozen dairy products. In 1952, ice cream represented only 87 percent of the combined total. In addition to the soft frozen dairy products, output of water ice has shown a consistent rise in the last 3 years, and in 1952 totaled 26,661,000 gallons.

Table 2.—Frozen dairy products: Production for specified items and total, United States, 1946–52

Item	1946	1947	1948	1949	1950	1951	1952
--- Thousand Gallons ---							
Ice Cream							
Wholesale	651,541	576,979	525,168	508,103	505,659	516,957	537,194
Retail	62,053	53,787	51,093	49,826	48,692	51,892	54,352
Sherbet	12,019	10,447	12,211	13,616	17,018	20,459	25,640
Ice Milk	15,471	15,829	19,585	29,651	36,870	45,804	53,163
Other Frozen Dairy Products	1/5,626	1/5,542	1/4,986	6,754	8,230	8,945	9,437
Total	746,710	662,584	613,043	607,950	616,459	644,067	679,816

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

"Mellorine Type" Frozen Desserts

In 1952 data were collected for the first time on "Mellorine Type" frozen desserts made with fats or oils or both, other than butterfat, in combination with certain milk solids. The 1952 production in the four States of Illinois, Missouri, Texas, and Oklahoma where it was legal totaled 11,008,000 gallons. Production of frozen desserts made with fats other than butterfat got its start in Texas in the last 2 or 3 years, but the volume produced was small until the Texas Department of Health, by regulation, authorized its production under the name of "Mellorine". The term "Mellorine" is also used in some other States to designate a product similar to ice cream but made with animal or vegetable fats or oils, or both, instead of butterfat. But the terminology for this new product is far from uniform in all States, and much remains to be done in setting standards and in making the terminology uniform.

Early in 1953, the legislatures of several widely scattered States authorized production of this type of frozen dessert so that the output in 1953 is likely to be much larger than that of 1952.

Table 3.-Production of "Mellorine Type" Frozen Desserts, 1952

Month	Illinois	Missouri	Oklahoma	Texas	Total
- - - Thousand Gallons - - -					
January	4	17	14	267	302
February	19	20	13	264	316
March	30	16	17	356	419
April	54	48	23	435	560
May	177	204	33	599	1,013
June	303	295	50	745	1,393
July	429	322	64	791	1,606
August	363	245	63	830	1,501
September	344	208	49	742	1,343
October	261	171	59	577	1,068
November	238	127	41	419	825
December	235	107	26	294	662
Total Production	2,457	1,780	452	6,319	11,008
No. Plants	100	68	14	135	317

Frozen Dairy Products Mix

Combined production of mix for use in both ice cream and other low-fat products in 1952 totaled 366,917,000 gallons, a gain of 23,876,000 gallons, or 7 percent from 1951. Mix manufactured primarily for use in ice cream in 1952 amounted to 321,695,000 gallons, a gain of 5 percent from the preceding year. No doubt some of this mix was modified and used for low-fat frozen products as not enough mix was manufactured for the low-fat products. Production of mix for all low-fat items totaled 45,222,000 gallons for 1952, a gain of 19 percent from the preceding year.

SKIM-MILK PRODUCTS

Skim-milk equivalents in all manufactured skim-milk products for 1952 totaled 15,473,000 pounds, a gain of 10 percent from 1951. The 1952 total is the third highest of record; it was exceeded only in 1949 and 1950. First ranking State in quantity of skim milk used in skim-milk products was Wisconsin with more than 23 percent of the total for the country. Other States in order of rank were: Minnesota, New York, California, and Ohio. (See Table 4, page 7)

Nonfat Dry Milk Solids

Output of nonfat dry milk solids in 1952 totaled 863,379,000 pounds, third highest of record, and a gain of 23 percent from the preceding year. Gains from 1951 to 1952 by regions were as follows: New England 18 percent, Middle Atlantic and East North Central 24 percent, West North Central 33 percent, South Atlantic 1 percent, and Pacific 2 percent. Production in the South Central region was unchanged while that of the South Central region was

Table 4.-Skim-milk equivalents: Calculated quantities used in certain skim milk and buttermilk products, United States, 1937-52

Year	Full skim Amer- ican cheese	Cottage cheese curd	Condensed and evapo- rated skin milk	Concen- trated skim milk (for ani- mal feed)	Nonfat dry milk solids	Dry casein	Condensed and dried buttermilk	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1937	3	827	1,129	30	4,094	2,409	848	9,340
1938	3	895	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	1,564	1,083	10,429
1941	7	1,172	1,519	58	5,242	1,590	1,217	10,905
1942	16	1,230	1,551	40	6,892	1,509	1,276	12,514
1943	37	1,337	1,901	45	5,873	556	1,173	11,022
1944	42	1,402	2,213	62	6,593	545	1,095	11,955
1945	35	1,780	2,922	37	7,251	440	1,026	13,501
1946	38	1,574	3,971	70	7,339	654	1,105	14,751
1947	34	1,346	2,897	56	7,701	1,279	1,067	14,370
1948	28	1,598	2,257	68	7,541	513	973	13,078
1949	20	1,774	2,324	42	10,518	655	1,078	16,411
1950	28	2,013	2,210	36	9,888	662	1,087	15,929
1951	21	2,227	2,117	27	7,884	772	1,024	14,072
1952	14	2,351	2,061	23	9,775	257	981	15,473

Miscellaneous Dry Products

Production of dry buttermilk for 1952 totaled 47,067,000 pounds, a gain of 4 percent from 1951. By regions, gains in the Middle Atlantic region of 40 percent and in the East North Central States of 43 percent were offset by declines of 5 percent in the West North Central, 12 percent in the South Central, 10 percent in the Mountain, and 46 percent in the Pacific. Minnesota ranks first in output with 14,274,000 pounds, followed by Iowa with 7,699,000 pounds and Wisconsin with 7,677,000 pounds.

Production of dry casein in 1952 totaled 7,482,000 pounds, the lowest production of record except for 1922, and down 65 percent from the preceding year. New York showed the largest production of any State with California second, Minnesota third, and Vermont fourth.

Output of dry whey for 1952, at 164,105,000 pounds, was the highest in 16 years of record, and up 17 percent from the preceding year.

Crude milk sugar for 1952 totaled 33,645,000 pounds, the third highest in intermittent records which cover the periods from 1918 through 1931 and from 1944 to date. However, the 1952 output was a third less than that of 1951.

Condensed Skim-milk Output

Production of sweetened condensed skim milk in 1952 totaled 167,845,000 pounds, lowest since 1940 and only about a fifth of the 1946 record high. Production was down 19 percent from the preceding year.

Plain condensed skim milk at 504,680,000 pounds for 1952 was the third highest of record, and a gain of 4 percent from the preceding year.

Table 5 - Revisions, manufactured dairy products: Production, by specified items, United States, by months, 1951 1/

Product	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
Cheese:														
American Cheddar 2/.....	1,526 174	46,550 3,150	47,329 2,853	62,052 3,391	73,142 3,710	101,558 6,817	110,272 5,194	97,401 4,633	85,057 3,802	68,352 3,946	56,651 3,110	40,657 2,475	40,725 2,961	829,816 43,642
Other varieties, whole milk 3/.....														
Total, whole milk 4/.....	1,592	49,700	50,182	65,443	76,852	106,415	115,466	102,034	88,859	71,698	59,761	43,362	43,686	873,458
Total 5/.....	2,061	72,804	72,198	92,213	101,374	134,011	142,667	125,319	111,510	94,046	83,635	65,034	66,493	1,161,304
Cottage cheese:														
Curd 6/.....	1,851	27,131	26,511	32,778	31,986	35,057	32,900	31,595	30,370	27,774	28,780	26,443	26,346	359,671
Creamed 7/.....	1,653	30,683	32,384	36,772	35,176	37,912	35,584	35,731	34,663	31,858	33,341	30,579	30,312	404,997
Condensed milk:														
Sweetened Case goods Unskimmed 8/.....	9	4,962	4,401	4,102	4,198	5,690	6,195	4,841	4,347	4,180	5,206	4,620	6,191	58,933
Bulk goods Skimmed 9/.....	214	15,271	13,683	17,243	19,115	32,382	30,724	20,035	16,666	11,453	10,580	8,925	11,220	207,295
Unsweetened Bulk goods Skimmed 10/.....	352	30,020	30,375	37,374	41,392	49,710	54,377	53,955	49,408	45,340	35,534	29,467	30,205	487,157
Dry milk:														
Nonfat dry milk solids Spray process 11/.....	221	34,635	33,692	43,710	54,557	72,968	78,247	63,561	51,058	35,859	28,751	20,979	28,370	546,387
Roller process 12/.....	241	7,186	6,963	11,004	16,083	26,640	29,266	17,552	12,947	8,430	7,306	4,522	7,590	156,089
Total nonfat for human food 13/.....	426	42,421	40,655	54,714	70,640	99,608	107,513	81,113	64,005	44,289	36,067	25,501	35,960	702,476
Skim milk for animal feed 14/.....	193	984	1,065	1,245	1,319	1,820	2,117	1,587	1,379	898	777	526	582	14,299
Buttermilk 15/.....	234	3,368	3,392	4,024	3,984	5,083	5,455	4,851	4,146	3,317	2,749	2,362	2,736	43,467
Frozen products:														
Ice cream Wholesale 16/.....	3,179 13,880	30,477 2,792	29,672 2,762	38,237 3,503	40,391 4,025	53,335 5,415	56,508 6,051	61,997 6,713	61,044 6,298	45,020 4,648	40,465 3,917	31,061 3,003	28,730 2,755	516,957 51,893
Retail 17/.....														
Total 18/.....	17,059	33,269	32,434	41,740	44,416	58,750	62,569	68,710	67,342	49,668	44,402	34,064	31,485	568,849
Sherbet, milk 19/.....	4,718	806	829	1,246	1,426	2,305	2,673	3,085	2,952	1,893	1,500	958	786	20,469
Ice milk 20/.....	5,765	2,125	2,146	3,009	3,395	4,913	5,401	5,839	6,008	4,520	3,658	2,537	1,983	4,594
Other frozen dairy products 21/.....	1,784	361	354	495	628	979	1,081	1,266	1,238	919	827	479	378	8,945
Ice cream mix 22/.....	3,032	17,643	17,156	22,381	23,795	31,705	33,628	37,054	36,589	26,766	23,593	17,882	17,133	305,026
All other mix 23/.....	1,148	1,494	1,504	2,278	2,836	4,446	4,807	5,335	5,247	3,758	3,043	1,769	1,498	36,015

1/ For revised annual totals by States, see table 9. Some State totals may not be shown if there were less than 3 plants reporting. Revisions shown in following States:

2/ Missouri, Pennsylvania. 3/ Missouri, Pennsylvania. 4/ Missouri, Pennsylvania. 5/ Missouri, Pennsylvania. 6/ Pennsylvania, Vermont. 7/ Illinois, Pennsylvania.

8/ California. 9/ Kentucky, Pennsylvania. 10/ Wisconsin. 11/ Pennsylvania. 12/ Pennsylvania, Wisconsin. 13/ Pennsylvania, Wisconsin. 14/ Pennsylvania.

15/ Wisconsin. 16/ Missouri, Pennsylvania. 17/ Arkansas, Connecticut, D. C., New Hampshire, Pennsylvania, Texas, Vermont. 18/ Arkansas, Connecticut,

D. C., Missouri, New Hampshire, Pennsylvania, Texas, Vermont. 19/ Arkansas, Illinois, Washington. 20/ Arkansas, Idaho (plants only), Illinois, Maine,

Massachusetts, Nebraska, Washington. 21/ Illinois, Washington. 22/ Georgia, Massachusetts. 23/ Georgia, Massachusetts.

Table 6 - Manufactured dairy products: Production, by specified items, United States, 1943-52

Product	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Butter:	1,000 pounds									
Creamery 1/.....	1,673,788	1,488,502	1,363,717	1,171,339	1,329,094	1,210,324	1,412,111	1,386,408	1,202,981	1,186,170
Cheese:										
American										
Whole milk.....	765,089	804,787	875,084	801,264	932,718	854,447	935,206	892,706	873,458	849,816
Part skim.....	4,670	2,248	1,098	2,696	4,906	3,987	769	2,319	882	1,309
Swiss, including block	45,626	45,571	50,065	55,695	71,612	70,665	81,043	99,483	92,049	108,032
Brick and Munster.....	27,978	27,435	14,756	17,678	26,533	26,506	30,376	30,148	31,580	33,621
Limburger.....	6,653	7,510	8,771	9,548	7,753	7,358	7,150	6,003	6,539	6,091
Cream & Neufchâtel.....	70,451	60,446	66,912	78,803	66,503	56,816	58,495	68,753	73,563	77,151
All Italian varieties.....	43,003	41,762	64,628	75,388	38,100	43,579	54,863	61,704	57,215	60,575
Blue mold.....	8,036	6,835	9,828	12,451	10,580	9,289	8,141	7,657	5,451	10,883
All other varieties.....	21,788	20,659	25,624	52,824	24,241	25,719	23,369	22,714	20,261	22,408
Total 3/.....	993,294	1,017,247	1,116,772	1,106,347	1,182,946	1,096,366	1,199,442	1,191,487	1,161,304	1,170,388
Full-skim American type.....	2,337	2,628	2,172	2,367	2,153	1,754	1,251	1,774	1,302	896
Cottage, pot, & bakers'.....	213,910	224,374	284,774	1/	1/	1/	1/	1/	1/	1/
Cottage cheese	-	-	-	246,303	215,302	255,639	283,938	322,603	2/359,671	376,120
Curd 2/.....	-	-	-	209,893	230,597	249,236	287,067	352,428	2/404,997	440,523
Creamed 5/.....	-	-	-	-	-	-	-	-	-	-
Condensed milk:										
Sweetened										
Case goods										
Skimmed.....	697	102	216	302	243	362	91	1,475	-	-
Unskimmed.....	117,247	139,145	143,306	113,906	164,733	126,295	100,902	61,973	2/58,933	54,438
Bulk goods										
Skimmed.....	306,899	374,840	519,188	518,076	541,813	239,390	215,295	210,637	2/207,295	167,845
Unskimmed.....	66,588	63,586	77,016	69,750	82,553	45,542	47,179	39,210	42,705	49,008
Unsweetened										
Bulk goods										
Skimmed.....	325,512	363,771	454,443	487,219	403,194	494,036	537,668	523,182	2/487,157	504,680
Unskimmed.....	102,452	119,403	128,875	98,471	174,525	200,485	202,851	221,724	230,143	220,112
Evaporated milk, unsweetened:										
Case goods, unskimmed.....	3,057,274	3,428,089	3,716,383	3,050,643	3,205,027	3,382,893	2,755,780	2,882,475	2,896,386	2,839,682
Condensed or evaporated buttermilk.....	167,338	157,503	160,441	226,708	189,135	170,954	173,383	183,470	174,652	154,599
Dry milk:										
Whole milk.....	137,766	177,754	217,276	188,426	164,888	170,087	125,541	124,986	131,017	101,732
Nonfat dry milk solids for human food.....	509,620	582,912	642,546	653,465	677,941	681,532	934,934	881,492	2/702,476	863,379
Skin milk for animal feed.....	24,279	16,407	17,508	13,704	22,149	13,145	21,244	17,404	2/14,299	25,306
Buttermilk.....	60,995	56,683	49,578	38,627	45,437	41,839	49,359	48,837	2/45,467	47,067
Crème.....	216	193	203	567	320	312	176	459	1,070	874
Casein.....	18,386	15,264	12,333	18,319	35,831	14,372	18,348	18,531	21,620	7,462
Malted milk powder.....	49,435	40,549	42,751	45,029	37,354	31,361	25,369	30,710	33,391	29,307
Ice cream, total.....	1,000 gallons									
Sherbet.....	411,526	344,198	476,357	713,594	630,766	576,261	557,929	554,351	2/568,619	591,576
Ice milk.....	47,218	49,481	65,177	12,019	10,447	12,211	13,616	17,018	2/20,469	25,640
	10,041	9,038	12,527	15,471	15,829	19,585	29,651	36,870	2/45,804	53,163

1/ Includes whey butter.

2/ Revised.

3/ Excludes full-skim cheddar and cottage cheese.

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

5/ Comparable data for years prior to 1946 not available. Cottage cheese curd includes cottage, pot, and bakers' cheese with a butterfat content of less than 4 percent made by reporting plants. Creamed cottage cheese includes cheese with a butterfat content of 4 to 19 percent. Cottage cheese curd and creamed cottage cheese should not be added together to get a total cottage cheese figure, for while some of the cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant for creaming prior to sale.

Table 7—Manufactured dairy products: Production, by specified items, by geographic divisions, United States, 1951 and 1952

Product	New England		Middle Atlantic		West North Central		West North Central		South Atlantic	
	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952
Butter, creamery.....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Milk cheese.....	1,854	1,728	25,692	30,195	318,162	335,637	670,017	653,322	12,585	12,286
Cheese:										
American										
Cheddar.....	2,659	4,772	1/35,766	52,045	522,314	494,342	1/125,312	122,451	2,503	2,007
Other varieties, whole 2/.....	117	145	3/5,684	5,819	29,821	32,671	1,419	7,557	1	1
Total, whole milk 3/.....	3,076	5,917	1/41,450	57,864	552,115	537,011	1/126,731	130,008	2,504	2,008
Part skim.....	-	-	170	60	496	1,015	-	-	-	-
Swiss, including block.....	-	-	174	626	69,590	80,389	12,237	16,781	3	-
Munster.....	-	-	166	79	9,065	10,978	-	-	-	-
Brick.....	-	-	31	33	21,912	22,465	696	258	-	-
Limbburger.....	-	-	1,677	1,281	4,799	6,810	63	-	-	-
All Italian varieties.....	3,226	3,585	22,724	25,900	29,650	29,894	23	31	-	-
Green b/.....	1,552	1,568	29,063	30,090	26,121	27,550	31	32	-	63
Wenschotel 2/.....	36	37	3,384	3,172	-	1,821	-	-	-	-
Blue mold.....	-	-	10	15	3,771	8,808	953	1,535	-	-
All other varieties.....	1,249	1,043	7,689	7,297	11,993	9,438	41	113	-	63
Total 6/.....	9,177	11,150	1/107,118	106,457	728,976	726,736	1/140,595	145,758	2,507	2,134
Full-skim Am. type cheese.....	493	110	147	98	308	118	354	548	-	-
Cottage cheese										
Curd.....	1/25,122	24,097	1/69,216	75,552	107,063	108,701	37,530	39,257	13,936	16,121
Creamed.....	16,792	16,985	1/62,534	69,600	1/117,759	127,018	45,890	47,290	14,233	16,973
Condensed milk:										
Sweetened										
Case goods										
Skinned.....	-	-	-	-	30	-	-	-	-	-
Unskinned.....	-	-	5,037	5,558	25,864	20,368	-	-	-	-
Bulk goods										
Skinned.....	5,047	3,471	1/47,262	49,018	109,413	79,529	18,497	16,092	11,557	6,616
Unskinned.....	449	990	4,208	5,006	19,561	21,037	9,351	10,427	2,734	4,944
Unsweetened										
Bulk goods										
Skinned.....	13,028	12,724	1/92,770	91,972	146,820	166,170	75,341	85,926	41,985	44,518
Unskinned.....	14,497	15,526	106,150	95,262	96,872	48,599	7,677	770	15,073	25,002
Evaporated milk, unsweetened										
Case goods										
Skinned.....	-	-	-	-	8,659	13,442	940	1,061	-	-
Unskinned.....	-	-	69,929	60,899	1,406,947	1,347,850	280,164	286,452	166,097	175,396
Cream, skim milk for animal feed...	-	-	2,352	1,007	4,231	4,345	2,051	1,669	490	525
Condensed or evaporated buttermilk	-	-	2,735	2,517	68,691	60,879	81,234	71,068	301	191
Dry milk:										
Whole milk.....	211	-	24,004	16,226	77,614	64,707	19,494	10,459	-	-
Nonfat dry milk solids										
Spray process.....	10,595	11,867	56,822	75,260	1242,250	299,021	156,980	202,598	5,639	5,976
Molter process.....	5,875	6,322	1/36,847	53,680	1/69,319	55,792	30,401	49,965	5,816	5,602
Total nonfat for human food.....	15,470	18,189	1/95,669	118,944	1/51,569	384,813	187,381	244,553	11,455	11,578
Ghee milk for animal food.....	936	860	1/1,639	2,222	6,479	14,836	3,253	5,584	156	141
Buttermilk.....	-	-	412	575	1/9,081	12,524	32,919	31,112	38	-
Cream.....	-	-	16	22	347	586	60	59	-	-
Whey.....	-	-	11,133	14,018	66,742	92,753	36,238	26,961	-	-
Cassis.....	1,165	919	5,198	2,910	5,408	761	5,659	1,095	-	-
Frozen products: 1/										
Ice cream										
Wholesale.....	33,431	35,364	1/124,129	127,545	116,343	122,380	1/52,287	54,391	61,346	63,670
Retail.....	1/3,931	4,179	1/16,754	16,054	13,002	11,572	4,033	4,622	1/4,020	4,942
Total.....	1/17,362	39,543	1/139,483	143,601	129,345	134,352	1/56,320	59,373	1/65,366	68,612
Sherbet, milk.....	955	1,529	1,863	2,370	1/5,216	6,721	1,886	2,144	3,310	4,171
Ice milk.....	1/1,663	1,676	-	-	1/5,189	6,540	1/5,613	6,267	6,033	6,455
Other frozen dairy products.....	193	234	-	-	211	1/1,939	3,044	1,167	1,757	974
Water ices.....	1,576	1,666	5,011	6,960	3,711	4,227	1,256	1,683	4,297	5,022
Ice cream mix.....	20,337	20,941	1/13,116	14,958	76,005	75,875	30,938	32,541	1/33,620	36,208
All other mix.....	1/1,605	2,220	-	-	374	5,992	7,941	4,262	5,281	5,632

Continued

Table 7 - Manufactured dairy products: Production, by specified items, by geographic divisions, United States, 1951 and 1952 (Continued)

Product	South Central		Mountain		Pacific		United States		Percentage Change
	1951	1952	1951	1952	1951	1952	1951	1952	
Butter, creamery.....	1,000 2,000 70,481	1,000 2,000 64,323	1,000 2,000 52,685	1,000 2,000 45,678	1,000 2,000 51,492	1,000 2,000 45,001	1,000 2,000 1,202,981	1,000 2,000 1,188,170	- 1
Cheese:									Percent
American:									
Cheddar.....	90,719 876	92,223 612	25,250 2,145	23,213 3,548	25,273 3,278	24,170 4,022	1/829,816 1/83,642	795,223 52,595	- 4 + 25
Other varieties, whole 2/.....	91,595	91,016	27,196	26,761	28,571	28,192	1/871,458	840,818	- 3
Part skim.....	14	14	150	70	56	150	558	1,305	+ 47
Semi, including block.....	-	383	9,424	9,834	61	19	92,049	106,032	+ 17
Master.....	-	-	-	-	-	-	9,232	11,057	+ 20
Brick.....	162	-	-	-	47	8	22,646	22,764	+ 1
Limburger.....	-	-	-	-	-	-	6,539	6,091	- 7
All Italian varieties.....	-	-	77	114	1,515	1,351	57,215	60,875	+ 6
Creme b/.....	5,182 564	5,810 780	-	-	5,328	6,228	69,277	71,361	+ 3
Monchambert 5/.....	-	-	-	-	-	-	4,286	5,810	+ 36
Blue mold.....	-	-	-	-	717	585	5,451	10,583	+ 100
All other varieties.....	31	55	292	269	1,481	1,575	20,261	22,405	+ 11
Total 6/.....	97,852	100,077	37,333	37,048	37,738	38,028	1/1,161,304	1,170,388	+ 1
Full-skin dry type cheese.....	-	-	-	22	-	-	1,302	896	- 31
Cottage cheese.....	21,824	22,703	10,095	11,042	74,885	78,647	1/359,671	376,120	+ 5
Curd.....	28,728	32,735	12,935	15,085	108,126	114,837	1/404,997	440,523	+ 9
Oozed.....	-	-	-	-	-	-	-	-	-
Condensed milk:									
Sweetened.....	-	-	-	-	-	-	-	-	-
Case goods.....	-	-	-	-	-	-	-	-	-
Skimmed.....	-	-	-	-	-	-	-	-	-
Unskimmed.....	9,685	12,130	-	-	1/15,347	13,382	1/58,933	54,438	- 8
Bulk goods.....	-	-	-	-	-	-	-	-	-
Skimmed.....	1/1,721	1,989	610	921	12,968	10,007	1/207,295	167,445	- 19
Unskimmed.....	3,247	4,149	-	-	3,225	2,655	42,705	49,008	+ 15
Unsweetened.....	-	-	-	-	-	-	-	-	-
Bulk goods.....	-	-	-	-	-	-	-	-	-
Skimmed.....	44,385	47,829	3,916	3,456	66,912	52,085	1/487,157	504,680	+ 4
Unskimmed.....	4,024	5,469	5,218	4,345	19,032	25,119	230,183	220,112	- 4
Evaporated milk, unsweetened:									
Case goods.....	-	-	-	-	-	-	-	-	-
Skimmed.....	-	-	-	-	-	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-
Condensed or evaporated buttermilk.....	427,254	438,871	163,355	160,605	384,660	349,569	9,599	16,503	+ 51
Coco. skim milk for animal feed....	-	-	-	-	-	-	2,896,386	2,839,682	- 2
Condensed or evaporated buttermilk.....	20,865	19,504	787	435	36	5	9,124	7,546	- 17
Dry milk:									
Whole milk.....	-	-	1,093	1,714	8,601	8,626	131,017	101,732	- 22
Nonfat dry milk solids.....	-	-	-	-	-	-	-	-	-
Spray process.....	2,527	1,948	37,873	37,793	51,601	30,613	1/546,387	665,076	+ 22
Roller process.....	4,904	5,431	25	7	3,922	5,600	1/156,089	198,303	+ 27
Total nonfat for human food.....	7,531	7,379	37,958	37,800	35,523	36,113	1/102,476	853,379	+ 23
Skim milk for animal feed.....	-	-	-	-	-	-	-	-	-
Buttermilk.....	98	100	138	259	1,401	1,296	1/1,18,399	25,306	+ 77
Cream.....	1,345	1,190	941	846	77	420	1/45,467	47,067	+ 4
Whey.....	-	-	-	-	64	207	1,070	874	- 18
Casein.....	4,671	4,118	5,273	6,819	15,589	17,436	139,946	164,105	+ 17
10	23	234	20	-	3,928	1,158	21,620	24,492	+ 65
Frozen products: 1/	1,000 gallons	1,000 gallons							
Ice cream.....	64,027 1/3,157	62,498 3,208	15,091 2,491	16,777 2,426	49,697 6,494	54,571 6,915	1/516,957 1/51,892	537,194 54,382	+ 4 + 5
Wholesale.....	1767,194	65,766	17,588	19,203	56,191	61,486	1/568,809	591,576	+ 4
Retail.....	-	-	-	-	-	-	-	-	-
Total.....	-	-	-	-	-	-	-	-	-
Sherbet, milk.....	1/2,954	3,703	806	966	1/3,439	4,058	1/20,469	25,640	+ 25
Ice milk.....	1/9,161	10,292	2,778	3,467	1/8/15,427	8/16,466	1/45,804	53,163	+ 16
Other frozen dairy products.....	3,789	2,173	753	763	1/232	281	1/8,945	9,437	+ 6
Water ices.....	3,180	3,949	482	676	7,166	2,476	21,683	26,061	+ 23
Ice cream mix.....	38,971	38,429	9,288	9,943	28,187	31,353	1/305,046	321,695	+ 5
All other mix.....	7,784	7,521	2,591	2,919	9,761	12,095	1/38,015	45,222	+ 19

^{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 20 to 32 percent, inclusive. ^{6/} Excluding full-skin American and cottage cheese.^{7/} The production shown for frozen products includes that made by all types of plants for both wholesale and retail.^{8/} Includes substandard ice cream in Oregon.

Table 8 - Manufactured dairy products: Production, by specified items, United States, by months, 1958

Product	Plant	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Butter: Creamery.....	2,724	76,712	76,767	91,487	102,926	134,962	127,981	117,731	105,736	92,185	87,665	75,824	94,592	1,185,170
Cheese:														
American														
Cheddar.....	1,413	42,856	43,495	54,084	68,208	98,993	101,548	85,789	78,107	66,602	57,361	47,775	50,461	795,223
Other varieties, whole milk 1/.....	158	3,201	3,201	1,582	4,104	6,181	6,620	5,350	5,083	4,978	4,508	4,007	3,705	51,528
Total, whole milk 2/.....	1,471	46,161	46,798	57,666	72,318	105,174	108,168	91,079	83,150	73,580	61,860	51,771	54,166	800,612
Part skim.....	113	103	103	93	83	83	83	83	83	83	83	83	83	1,359
Swiss, including bleu.....	264	5,845	5,748	7,404	8,187	12,194	12,197	11,494	11,167	9,466	8,461	7,465	8,463	108,032
Munster.....	73	1,006	1,009	1,053	955	998	958	696	598	772	966	1,061	1,061	11,057
Brick.....	113	1,565	1,757	1,901	2,182	3,094	2,157	2,025	1,949	1,501	1,489	1,798	1,966	22,764
Limburger.....	35	593	424	521	492	519	515	473	567	529	557	458	457	6,091
All Italian varieties.....	114	4,582	4,980	6,012	6,359	5,545	4,765	4,349	4,746	4,568	4,259	4,471	5,899	60,673
Cream 3/.....	61	6,943	6,487	6,667	6,007	5,613	5,611	4,519	4,671	5,193	6,196	6,170	7,096	71,381
Neufchâtel 4/.....	14	601	500	579	491	464	562	431	463	506	612	448	543	5,810
Blue mold.....	20	554	712	926	890	1,140	1,021	956	1,059	917	807	859	1,032	10,653
All other varieties.....	85	1,152	1,918	2,212	2,023	1,832	1,540	1,567	1,729	1,919	1,904	2,408	2,408	2,408
Total 5/.....	1,334	69,151	69,900	85,034	100,352	136,172	137,848	117,733	110,116	96,993	87,798	76,630	82,602	1,170,368
Full-skim Am. type cheese.....	14	100	80	79	96	116	65	56	41	32	50	76	95	896
Cottage cheese														
Curd.....	1,795	27,884	29,776	34,623	33,670	36,095	34,994	33,292	30,209	29,148	30,439	28,137	27,901	376,120
Creamed.....	1,664	32,960	34,755	40,597	38,636	40,304	39,549	40,355	35,936	34,809	35,819	33,807	32,816	440,523
Condensed milk:														
Sweetened.....	9	6,392	5,968	7,318	4,447	4,146	4,523	3,482	3,614	3,218	3,491	3,273	4,560	54,438
Case goods														
Unskimmed.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Milk goods														
Skimmed.....	201	10,289	10,600	13,500	17,163	29,266	21,498	15,367	16,281	10,026	7,668	6,861	9,350	167,845
Unskimmed.....	82	3,371	2,942	1,111	4,539	7,516	6,299	4,336	4,622	3,838	3,315	2,872	2,377	49,008
Unsweetened.....														
Milk goods														
Skimmed.....	156	30,726	30,147	35,085	42,631	53,602	61,275	59,572	69,384	43,556	34,180	38,680	31,714	504,680
Unskimmed.....	130	19,011	15,401	17,004	17,693	19,583	22,507	26,701	22,993	19,074	19,564	14,361	17,760	220,112
Evaporated milk, unsweetened														
Case goods														
Skimmed.....	7	727	1,165	1,208	1,030	1,284	1,340	1,494	873	1,345	1,087	1,294	1,656	14,503
Unskimmed.....	117	156,020	162,030	204,647	261,590	370,313	349,502	271,352	276,933	282,835	206,121	166,183	178,807	2,839,682
Concentrated skim milk for animal feed.....														
Condensed or evaporated buttermilk.....														
Dry milk:														
Whole milk.....	54	7,244	7,270	9,161	10,263	11,238	13,163	9,739	9,667	6,234	5,873	5,239	6,641	101,732
Nonfat dry milk solids														
Spray process.....	233	34,430	38,763	53,533	65,869	90,635	65,571	68,696	56,542	41,168	37,166	37,266	55,117	665,076
Roller process.....	241	10,152	12,441	16,784	20,385	15,621	18,318	15,317	10,638	8,480	6,582	10,996	18,101	551,379
Total nonfat for human food.....	435	44,772	50,214	70,317	86,277	126,458	117,885	86,884	71,459	52,106	45,856	43,848	66,113	851,379
Skin milk for animal feed.....														
Part skim dry milk solids														
Ice cream mix 5/.....	215	1,902	1,333	1,866	2,561	3,242	3,319	2,690	2,248	1,851	1,635	1,488	1,581	25,306
Buttermilk.....	7	426	205	397	612	140	313	65	202	84	135	134	162	2,817
Cream.....	7	699	1,009	1,549	1,717	1,003	863	2,015	1,650	975	616	919	516	13,561
Whey.....	232	3,116	3,047	3,747	4,458	5,532	5,149	4,752	3,995	3,339	2,917	3,153	3,727	47,057
Casein.....	7	41	50	72	51	62	48	39	132	67	115	70	101	874
Melted milk powder.....	76	11,454	10,623	11,652	13,718	15,127	17,362	18,335	16,533	13,943	12,499	10,606	12,051	164,105
Milk sugar, crude.....	24	663	664	652	1,168	1,034	503	425	325	361	188	350	7,482	7,482
Milk sugar, crude.....	6	2,889	2,516	2,601	2,515	2,298	2,561	1,718	2,104	2,957	2,524	2,818	29,301	35,645
Milk sugar, crude.....	17	3,612	3,699	3,971	3,655	4,180	2,365	2,535	1,986	1,702	1,621	1,925	1,925	35,645
Frozen products:														
Ice cream														
Wholesale.....	3,101	33,678	35,013	37,166	44,569	51,280	59,566	66,672	56,600	48,179	39,656	32,121	32,614	537,194
Retail.....	14,515	1,082	1,184	1,545	4,361	5,115	6,337	7,181	6,105	5,944	5,940	3,211	3,215	54,382
Total.....	17,616	36,760	38,197	40,711	48,922	56,595	65,993	73,813	62,705	53,183	43,596	35,332	35,629	591,576
Sherbet, milk.....														
Ice milk.....														
Other frozen dairy products.....	5,643	965	1,152	1,372	1,989	2,703	3,705	4,294	3,190	2,359	1,654	1,185	1,112	29,680
Water ice.....	7,214	2,829	2,858	3,211	4,356	5,665	6,207	6,947	6,298	5,496	4,225	2,966	53,163	53,163
Ice cream mix.....	1,972	394	422	518	737	1,027	1,227	1,304	1,163	1,011	700	401	433	9,437
All other mix.....	2,455	494	747	1,211	2,827	3,948	4,859	5,095	3,320	1,885	651	499	26,661	26,661
Ice cream mix.....	2,951	20,181	20,235	21,936	26,578	31,312	36,789	40,681	34,017	28,947	23,107	18,810	19,137	321,695
All other mix.....	1,261	1,765	2,056	2,479	3,717	4,989	5,910	6,563	5,618	4,634	3,312	2,167	1,961	45,222

^{1/} Includes colby, washed curd, high and low moisture jack, Monterey, and granular.^{2/} Not less than 3% percent butterfat.^{3/} Butterfat content ranging from 20 to 32 percent, inclusive.^{4/} Excluding full-skim American and cottage cheeses.^{5/} Includes concentrated ice cream mix converted to dry ice cream mix equivalent.^{6/} The production shown for frozen products includes that made by all types of plants for both wholesale and retail.

Table 9 - Manufactured dairy products: Productive, by specified items, by States, 1951 and 1952

Product	Alabama		Arizona		Arkansas		California		Colorado		Connecticut		Delaware	
	1951 1,000 pounds	1952 1,000 pounds												
Butter, creamery.....														
Cheese:														
American														
Cheddar.....	2,291	2,535	-	-	11,149	10,506	525	419	811	367	-	-	-	-
Other varieties, whole milk 2/	-	-	-	-	11,149	10,506	525	419	811	367	-	-	-	-
Total, whole milk 2/	2,291	2,535	-	-	11,149	11,318	1,919	1,594	816	375	-	-	-	-
Part skim.....	-	-	-	-	-	-	58	57	57	57	-	-	-	-
Swiss, including block.....	-	-	-	-	-	-	1/	-	-	-	-	-	-	-
Munster.....	-	-	-	-	-	-	47	1/	-	-	-	-	-	-
Gruyere.....	-	-	-	-	-	-	1,499	1,297	-	-	1/	1/	-	-
Limburger.....	-	-	-	-	-	-	4,330	5,280	-	-	-	-	-	-
All Italian varieties.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cream 1/.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Muenchatchel 1/.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue mold.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other varieties.....	-	1/	1/	-	-	-	1,342	1,440	1/	-	-	-	-	-
Total 6/.....	2,291	2,535	1/	1/	11,489	11,318	1/11,201	1/11,749	1/993	1/445	1/	1/	-	-
Full-skim Am. type cheese.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cottage cheese.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Curd 5/.....	281	510	868	774	1,018	1,319	58,873	60,985	3,263	3,713	2,057	2,501	179	194
Creased 5/.....	239	364	1,714	1,739	218	522	82,617	87,849	3,541	4,127	1,420	1,660	1/	18
Condensed milk:														
Sweetened														
Case goods	-	-	-	-	-	-	1/	1/	-	-	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods														
Skimmed.....	-	-	-	-	-	-	8,865	6,507	810	921	1/	1/	1/	1/
Unskimmed.....	-	-	-	-	-	-	1,223	791	-	-	-	-	-	-
Unsweetened														
Bulk goods														
Skimmed.....	2,335	2,360	1/	1/	1/	1/	61,812	46,127	1/	1/	1/	247	1,538	1/
Unskimmed.....	1/	1/	1/	1/	1/	1/	15,674	21,553	1/	1/	1/	1/	1/	1/
Evaporated milk, unsweetened:														
Case goods, unskimmed.....	-	-	1/	1/	1/	1/	318,756	280,010	1/	1/	-	-	-	-
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Condensed or evaporated buttermilk.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dry milk:														
Whole milk.....	-	-	-	-	-	-	7,577	6,506	1/	1/	-	-	-	-
Nonfat dry milk: solids	-	-	-	-	-	-	21,118	22,963	-	-	-	-	-	-
Spray process.....	-	-	-	-	-	-	3,023	2,560	-	-	-	-	-	-
Moller process.....	-	-	-	-	-	-	24,141	25,523	-	-	-	-	-	-
Total nonfat for human food	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Skim milk, for animal feed....	-	-	1/	1/	-	-	546	378	-	-	-	-	-	-
Buttermilk.....	-	-	1/	1/	1/	1/	507	266	1/	1/	-	-	-	-
Whey.....	-	-	1/	1/	1/	1/	1/	1/	-	-	-	-	-	-
Ghee.....	-	-	1/	1/	-	-	3,261	1,692	-	-	-	-	-	-
Frozen products: 2/														
Ice cream														
Wholesale.....	6,583	6,921	1,610	2,148	2,053	2,079	36,606	40,963	5,130	5,611	6,585	7,086	1,650	1,610
Retail.....	214	139	257	318	10/318	379	1,359	4,407	467	235	10/550	724	96	102
Total.....	6,763	7,155	1,739	2,305	10/2,371	2,458	40,965	45,370	5,597	5,846	10/7,135	7,510	1,556	1,915
Sherbet, milk.....	294	414	103	114	10/28	53	3,078	3,431	277	358	168	322	1/	50
Ice milk.....	1,553	1,550	685	845	10/538	802	11,571	12,432	473	520	447	486	-	-
Other frozen dairy products...	-	-	56	50	107	92	-	-	394	476	39	23	-	-
Water ices.....	418	697	119	206	23	103	1,665	1,873	113	162	262	290	115	88
Ice cream mix.....	3,587	3,748	967	1,275	2,698	2,942	19,952	22,826	2,961	3,047	3,961	4,222	1,008	554
All other mix.....	1,147	1,101	691	795	106	136	7,949	9,779	619	654	140	228	1/	1/

Continued

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1951 and 1952 - Continued

Product	D. C.		Florida		Georgia		Idaho		Illinois		Indiana		Iowa	
	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952
Butter, creamery.....	1,000 pounds													
Cheeses:			1/	-	305	521	20,646	18,329	53,554	49,892	28,260	29,056	186,778	173,785
American														
Cheddar.....	-	-	-	-	649	256	15,115	14,533	40,346	37,053	26,653	17,655	10,018	9,550
Other varieties, whole milk 2/	-	-	-	-	-	-	2,121	1,580	1,045	1,202	1,149	7,417	1,064	1,165
Total, whole milk 3/.....	-	-	-	-	649	256	17,236	18,093	41,393	38,295	30,002	25,072	11,052	10,716
Part skim.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Swiss, including block.....	-	-	-	-	-	-	2,841	3,131	22,264	29,828	1/	530	417	298
Munster.....	-	-	-	-	-	-	-	-	223	227	-	1,414	-	-
Brick.....	-	-	-	-	-	-	-	-	1,180	775	4,565	5,464	1/	1/
Lilburger.....	-	-	-	-	-	-	-	-	1,317	947	1/	1/	-	-
All Italian varieties.....	-	-	-	-	-	-	-	-	1,301	2,022	1/	-	-	-
Cream 4/.....	-	-	1/	-	-	-	-	-	2,518	592	-	-	-	-
Neufchâtel 5/.....	-	-	-	-	-	-	-	-	-	1/	-	-	-	-
Blue mold.....	-	-	-	-	-	-	-	-	1/	1/	1/	1/	1/	1/
All other varieties.....	-	-	-	1/	-	-	-	-	1,308	1,100	1/	1/	1/	1/
Total 6/.....	-	-	1/	649	256	20,077	21,184	1/72,409	1/76,830	1/35,043	1/33,082	1/11,916	1/11,807	1/
Full-skim Am. type cheeses.....														
Cottage cheese.....														
Curd 6/.....	1/	1,705	1,483	1,758	553	783	976	1,080	21,037	22,666	9,273	9,240	6,508	7,490
Creamed 6/.....	1/	2,494	1,391	1,850	460	622	1,427	1,433	10/24,866	29,771	9,109	10,624	6,891	6,937
Condensed milk:														
Sweetened.....														
Case goods.....														
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods.....	-	-	-	-	500	1,107	-	-	19,739	14,676	21,069	13,237	1/	1/
Skimmed.....	-	-	-	-	1/	1/	-	-	6,036	2,554	1,030	178	1/	1/
Unskirmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unsweetened.....														
Bulk goods.....														
Skimmed.....	-	-	-	-	1/	1/	1/	1/	22,661	26,957	10,718	13,144	9,453	9,766
Unskimmed.....	-	-	-	-	1/	1/	1/	1/	2,098	444	16,608	15,541	1/	1/
Evaporated milk, unsweetened.....														
Case goods, unskimmed.....									1/	1/	151,316	147,737	89,639	90,290
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	1/	1/	1/	1/	1,502	1/
Condensed or evaporated buttermilk.....	-	-	-	-	-	-	-	-	45,656	40,189	1/	1/	35,252	37,620
Dry milk:														
Whole milk.....	-	-	-	-	-	-	1/	1/	1/	1/	3,997	1,795	-	-
Nonfat dry milk solids.....	-	-	-	-	-	-	31,648	31,901	4,164	6,457	10,620	18,392	7,377	10,435
Spray process.....	-	-	-	-	-	-	25	7	3,014	3,657	12,924	11,739	5,316	5,592
Roller process.....	-	-	-	-	-	-	-	-	31,673	31,904	7,174	10,114	23,544	33,331
Total nonfat for human food..	-	-	-	-	-	-	-	-	-	-	-	-	12,693	16,030
Skin milk, for animal feed.....	-	-	-	-	-	-	303	248	209	196	298	159	665	1,261
Buttermilk.....	-	-	-	-	-	-	130	55	444	602	602	569	7,425	7,699
Whey.....	-	-	-	-	-	-	2,918	5,799	8,477	3,499	4,944	5,842	1/	1/
Cassia.....	-	-	-	-	-	-	1/	-	533	1/	-	438	1/	1/
Frozen products: 2/														
Ice cream.....														
Wholesale.....	6,644	6,604	9,232	10,147	7,316	7,393	2,201	2,254	29,282	29,156	15,941	17,119	9,090	9,169
Retail.....	10/6,644	10/6,604	679	1,064	198	361	286	276	3,532	3,238	2,364	2,125	1,142	1,887
Total.....	6,606	9,911	11,235	7,514	7,754	2,487	2,530	32,814	32,394	18,305	19,244	10,232	11,056	1/
Sherbet, milk.....	240	256	594	684	468	578	61	62	10/1,374	1,733	487	597	440	442
Ice milk.....	-	-	856	1,051	1,048	1,198	583	647	10/3,610	3,809	-	-	1,078	1,773
Other frozen dairy products.....	-	-	37	212	167	164	1	1/	10/1,435	2,244	-	-	232	481
Water ices.....	379	355	401	665	475	593	19	25	1,409	1,657	245	342	215	247
Ice cream mix.....	2,995	2,932	5,024	5,937	10/4,382	4,981	1,208	1,230	16,280	16,349	9,437	9,180	5,660	5,701
All other mix.....	61	1/	579	983	10/921	846	279	301	3,146	3,370	472	552	1,098	1,433

Continued

Table 9 - Manufactured dairy products: Production by specified items, by States, 1951 and 1952-Continued

Product	Kansas		Kentucky		Louisiana		Maine		Maryland		Massachusetts		Michigan	
	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952
Butter, creamery.....	1,000 pounds 42,759	1,000 pounds 37,327	1,000 pounds 16,579	1,000 pounds 15,660	1,000 pounds 256	1,000 pounds 275	1,000 pounds 213	1,000 pounds 184	1,000 pounds 3,125	1,000 pounds 2,819	1,000 pounds 237	1,000 pounds 273	1,000 pounds 49,046	1,000 pounds 46,483
Cheese:														
American Cheddar.....	8,857	7,790	23,713	26,099	1/	1/	1/	1/	1/	1/	-	-	22,082	24,778
Other varieties, whole milk 2/	-	-	516	-	-	-	-	-	-	-	-	-	4,228	3,942
Total, whole milk 3/.....	8,857	7,790	24,249	26,089	1/	1/	1/	1/	1/	1/	-	-	26,310	26,720
Part skins.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Swiss, including block.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Munster.....	-	-	1/	-	-	-	-	-	-	-	-	-	-	-
Brick.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limburger.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties.....	-	-	-	-	-	-	1/	1/	-	-	1,020	1,101	2,665	2,720
Cream 4/.....	-	-	-	-	-	-	-	-	1,511	1,553	-	-	-	-
Neufchâtel 5/.....	-	-	-	-	-	-	-	-	1/	1/	-	-	-	-
Blue mold.....	-	-	-	-	-	-	-	-	-	-	-	-	1/	1/
All other varieties.....	-	-	-	1/	-	-	1/	1/	-	-	-	-	1/	1/
Total 6/.....	8,857	7,790	7/24,411	7/26,143	1/	1/	1/	1/	1/	1/	7/2,565	7/2,691	7/29,055	7/31,497
Full-skim Am. type cheese.....	-	-	-	-	-	-	1/	-	-	-	-	-	-	-
Cottage cheese														
Curd 5/.....	7,377	7,497	5,651	6,081	1,195	1,291	3,469	3,658	4,682	4,973	535	646	23,620	23,704
Greased 5/.....	7,065	7,092	7,225	7,857	2,159	2,366	860	915	5,447	5,851	3,425	3,706	25,435	26,466
Condensed milk:														
Sweetened.....	-	-	-	-	-	-	-	-	-	-	-	-	1/	1/
Case goods.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods														
Skimmed.....	8,211	5,995	10/417	193	1/	1/	1/	1/	1/	1/	4,541	2,771	1/	9,386
Unskimmed.....	218	348	1/	272	-	-	1/	1/	2,219	4,385	-	-	604	4,498
Unsweetened														
Bulk goods														
Skimmed.....	30,637	28,347	2,097	2,634	1/	1/	1/	1/	1/	1/	13,985	17,875	1/	26,262
Unskimmed.....	2,598	63	-	1/	1/	-	1/	1/	12,717	16,254	-	-	8,880	8,239
Evaporated milk, unsweetened:														
Case goods, unskimmed.....	46,885	52,695	181,552	168,875	-	1/	-	-	1/	1/	-	-	-	171,307
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-	1/	1/
Condensed or evaporated buttermilk														
Dry milk:														
Whole milk.....	-	-	-	-	-	-	-	-	-	-	-	-	11,962	10,395
Nonfat dry milk solids														
Spray process.....	5,800	9,266	1/	1/	-	-	-	-	735	1,020	1/	1/	17,990	20,046
Roller process.....	241	80	1/	1/	1/	1/	1/	1/	5,680	5,602	1/	1/	17,149	21,265
Total nonfat for human food	6,041	9,346	1,920	2,022	1/	1/	1/	1/	6,015	6,622	1/	1/	35,139	41,359
Skin milk for animal feed.....	1/	1/	1/	1/	-	-	1/	1/	101	112	1/	1/	601	1,808
Buttermilk.....	1,154	1,809	1/	1/	-	-	1/	1/	-	-	-	-	2,968	2,728
Whey.....	-	-	1/	1/	-	-	1/	1/	-	-	-	-	1/	1,611
Casemate.....	-	-	-	-	-	-	1/	1/	-	-	-	-	1/	1/
Frozen products: 9/														
Ice cream														
Wholesale.....	5,542	6,286	4,849	4,820	6,655	7,094	2,605	2,944	8,404	8,248	16,439	19,700	24,760	26,944
Retail.....	664	554	465	397	236	236	277	320	670	728	2,326	2,016	1,812	
Total.....	6,206	6,840	5,314	5,217	6,851	7,330	2,582	3,264	9,074	8,976	20,748	22,026	26,776	28,356
Sherbet, milk.....	237	290	221	369	274	316	46	116	645	637	599	640	1,814	2,730
Ice milk.....	11/1,263	11/1,696	367	673	699	595	10/ 261	291	-	-	10/760	700	-	-
Other frozen dairy products.....	313	512	46	200	220	179	49	63	-	-	94	143	-	-
Water ices.....	131	171	113	212	320	382	147	154	549	571	948	935	714	663
Ice cream mix.....	3,766	4,275	3,416	3,442	3,226	3,702	1,520	1,637	5,187	5,448	11,266	11,768	15,387	16,496
All other mix.....	224	890	467	405	409	608	189	323	415	431	10/1,093	1,436	467	1,223

Continued

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1951 and 1952 - Continued

Product	Minnesota		Mississippi		Missouri		Montana		Nebraska		Nevada	
	1951 1,000 pounds	1952 1,000 pounds										
Butter, creamery.....	237,237	247,656	2,775	3,345	50,373	47,373	7,011	5,968	74,566	71,289	613	671
Cheese:												
American.....												
Cheddar.....	44,688	47,415	10,130	11,561	10/59,769	55,664	2,810	2,811	1/	467	1/	-
Other varieties, whole milk 2/.....					160	5,364			2,810	2,811	27	-
Total, whole milk 3/.....	44,688	47,415	10,130	11,561	10/59,929	62,028	2,810	2,811	656	694	1/	-
Part skim.....												
Swiss, including block.....												
Munster.....												
Brick.....	194	1/										
Limbburger.....	1/											
All Italian varieties.....												
Cream 4/.....												
Brie cheese 5/.....												
Blue mold.....	1/	1,312										
All other varieties.....	30	1/	1/	1/								
Total 6/.....	7/57,782	7/65,411	7/10,161	7/11,566	10/1/60,045	7/62,091	2,810	2,811	656	694	1/	-
Full-skim Am. type cheese.....					1/	-						
Cottage cheese												
Curd 5/.....	7,824	5,143	9	65	10,972	10,948	881	852	3,864	3,818	90	96
Creamed 6/.....	9,521	10,331	63	81	15,566	16,109	1,062	1,143	5,218	5,302	133	131
Condensed milk:												
Sweetened.....												
Case goods.....												
Unskimmed.....												
Bulk goods.....												
Skimmed.....	6,704	5,717	1/	1/	1,187	1,417	1/	1/	1,543	2,305	-	-
Unskimmed.....	1/	1/	1/	1/	1/	1/			1/	217		
Unsweetened.....												
Bulk goods.....												
Skimmed.....	12,402	14,948	1/	1/	21,273	29,429	1/	1/	1,576	3,436	-	-
Unskimmed.....	-	-	1/	1/	4,757	1/			1/	1/		
Evaporated milk, unsweetened:												
Case goods, unskimmed.....												
Concentrated skim milk for animal feed.....												
Condensed or evaporated buttermilk.....												
Dry milk:												
Whole milk.....												
Nonfat dry milk solids												
Spray process.....												
Roller process.....	113,224	149,368	-	-	27,114	29,087	-	-	1/	4,439	-	-
Total nonfat for human food.....	22,518	38,311	1,918	2,159	2,256	1,982	-	-	1/	4,439	-	-
Skin milk, for animal feed.....	135,742	37,679	1,914	2,159	29,370	31,069	-	-	1/	4,439	-	-
Buttermilk.....												
Whey.....												
Gassin.....												
Frozen products: 9/												
Ice cream.....												
Wholesale.....												
Retail.....	12,850	13,365	3,220	3,036	10/15,504	15,522	1,953	2,203	5,236	5,253	647	716
Total.....	467	579	180	176	991	826	812	817	427	415	28	31
Sherbet, milk.....	13,307	14,544	3,400	3,212	10/16,495	16,345	2,765	3,020	5,663	5,694	575	749
Ice milk.....	259	290	228	226	558	617	63	78	277	345	55	58
Other frozen dairy products.....	745	1,101	1,156	1,560	1,401	1,706	-	-	10/761	1,440	190	264
Water ices.....	206	124	57	58	284	282	-	-	74	209	-	-
Ice cream mix.....	378	433	194	185	403	467	16	39	49	247	-	-
All other mix.....	7,416	8,024	2,287	2,476	6,970	6,742	1,555	1,476	3,097	3,627	360	375
	805	1,002	334	621	1,192	1,581	25	41	679	696	93	104

Continued

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1951 and 1952 - Continued

Product	New Hampshire		New Jersey		New Mexico		New York		North Carolina		North Dakota	
	1951 1/	1952 1/	1951 40	1952 25	1951 763	1952 634	1951 15,349	1952 19,719	1951 1,267	1952 1,264	1951 44,636	1952 44,658
Butter, creamery.....												
Cheese:												
American												
Cheddar.....	-	-	1/	-	-	-	35,186	31,372	1/	1/	-	-
Other varieties, whole milk 2/.....	-	-	-	-	-	-	5,424	5,602	-	-	-	-
Total, whole milk 2/.....	-	-	1/	-	-	-	40,610	36,974	1/	1/	-	-
Part-skim.....	-	-	-	-	-	-	1/	1/	-	-	-	-
Swiss, including block.....	-	-	-	-	-	-	-	-	-	-	-	-
Munster.....	-	-	-	-	-	-	31	33	-	-	-	-
Brick.....	-	-	-	-	-	-	1,677	1,281	-	-	-	-
Limburger.....	-	-	1,925	1,879	-	-	19,370	22,504	-	-	-	-
All Italian varieties.....	-	-	1/	1/	-	-	28,168	26,618	-	-	-	-
Cream 4/.....	-	-	1/	1/	-	-	626	990	-	-	-	-
Brie.....	-	-	-	-	-	-	7,024	6,652	-	-	-	-
All other varieties.....	-	-	-	-	-	-	-	-	-	-	-	-
Total 6/.....	-	-	1/2,155	1/2,106	-	-	7/93,741	7/95,218	1/	1/	-	-
Full-skim Am. type cheese.....	-	-	1/	1/	-	-	141	1/	-	-	-	-
Cottage cheese:												
Curd 5/.....	152	170	1,781	2,718	713	1,002	48,427	51,925	1,354	1,685	156	172
Creamed 5/.....	166	182	3,279	3,512	572	1,215	41,520	45,796	1,418	2,031	309	317
Condensed milk:												
Sweetened												
Case goods.....	-	-	-	-	-	-	8,037	8,558	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	23,532	18,385	-	-	1/	1/
Bulk goods												
Skinned.....	1/	-	1/	1/	-	-	2,224	2,999	-	-	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-
Unsweetened												
Bulk goods.....	-	-	1/	1/	1/	1/	64,794	60,786	2,234	3,356	-	-
Skinned.....	-	-	-	-	1/	1/	77,693	67,544	1/	4,320	-	-
Unskimmed.....	-	-	-	-	-	-	-	-	-	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed.....	-	-	-	-	-	-	1/	1/	1/	1/	-	-
Concentrated skim milk for animal feed.....	-	-	-	-	-	-	-	-	-	-	-	-
Condensed or evaporated buttermilk.....	-	-	-	-	-	-	1/	1/	-	-	1/	-
Dry milk:												
Whole milk.....	-	-	-	-	-	-	24,004	16,226	-	-	-	-
Nonfat dry milk solids												
Spray process.....	-	-	-	-	-	-	53,009	66,695	1/	1/	-	-
Roller process.....	-	-	1/	1/	-	-	31,242	37,482	-	-	1/	-
Total nonfat for human food.....	-	-	1/	1/	-	-	84,251	104,180	1/	1/	1/	-
Skin milk, for animal feed.....	-	-	-	-	-	-	1,522	1,878	-	-	-	-
Buttermilk.....	-	-	-	-	-	-	412	575	-	-	2,560	3,163
Whey.....	-	-	-	-	-	-	11,133	14,018	-	-	-	-
Casein.....	-	-	-	-	-	-	5,198	2,910	-	-	-	-
Frozen products: 2/												
Ice cream												
Wholesale.....	980	1,018	10,643	11,795	1,031	1,111	51,992	53,618	11,087	12,131	1,815	2,059
Retail.....	10,331	193	1,186	1,151	126	142	6,576	7,189	1,050	1,376	132	137
Total.....	10/1,311	1,411	12,027	13,146	1,157	1,253	58,568	60,747	12,137	13,507	1,947	2,196
Sherbet, milk.....	47	75	216	264	115	117	938	1,349	262	423	48	57
Ice milk.....	-	-	-	-	221	-	-	-	3,180	2,857	160	155
Other frozen dairy products.....	-	-	-	-	89	117	-	-	211	57	45	55
Water ices.....	16	2	358	556	63	68	2,637	3,258	1,519	1,652	88	70
Ice cream mix.....	570	402	6,560	7,604	626	784	31,729	32,483	6,800	6,304	863	956
All other mix.....	-	-	270	109	255	227	-	-	2,075	1,952	62	62

Continued

Table 9 - Manufactured dairy products: Production, by specified items, by States, 1951 and 1952-Continued

Product	Ohio		Oklahoma		Oregon		Pennsylvania		Rhode Island		South Carolina	
	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952
Butter, creamery.....	1,000 pounds											
Cheese:												
American												
Cheddar.....	13,799	8,878	5,381	4,642	21,926	21,010	10,550	673	-	-	-	-
Other varieties, whole milk 2/.....	8,557	9,775	-	-	40	659	10,216	817	-	-	-	-
Total, whole milk 2/.....	22,356	18,653	5,381	4,642	21,966	21,659	10,730	910	-	-	-	-
Part skim.....	460	1/	-	-	-	-	1/	1/	-	-	-	-
Swiss, including block.....	6,478	6,696	-	-	35	1/	680	473	-	-	-	-
Bunster.....	-	-	-	-	-	-	1/	1/	-	-	-	-
Brick.....	1/	1/	-	-	-	-	-	-	-	-	-	-
Limburger.....	1/	1/	-	-	-	-	-	-	-	-	-	-
All Italian varieties.....	571	335	-	-	-	-	1,429	1,517	1/	1/	-	-
Cream 1/.....	1/	1/	1/	1/	-	-	4,746	3,309	-	-	-	-
Neufchâtel 5/.....	-	-	-	-	-	-	2,727	2,118	-	-	-	-
Blue mold.....	-	-	-	-	1/	1/	1/	1/	-	-	-	-
All other varieties.....	1/	1/	-	-	1/	1/	565	77	-	-	-	-
Total 6/.....	7/40,916	7/38,306	7/8,354	7/7,858	7/22,190	7/22,214	7/10,11,222	7/9,193	1/	1/	-	-
Full-skim Am. type cheese.....	1/	1/	-	-	-	-	-	1/	-	-	-	-
Cottage cheese												
Cheese 5/.....	27,625	29,930	4,580	4,678	3,359	3,994	10/19,008	20,909	-	-	79	115
Granad 1/.....	33,124	36,725	6,001	6,574	6,163	7,152	10/17,733	20,292	-	-	50	108
Condensed milk:												
Sweetened												
Case goods												
Unskimmed.....	-	-	-	-	1/	1/	-	-	-	-	-	-
Bulk 1/pds												
Skinned.....	19,989	16,303	247	265	1/	1/	10/23,538	30,327	-	-	-	-
Unskimmed.....	5,325	7,540	1,481	1,736	1/	1/	1,984	2,007	-	-	-	-
Unsweetened												
Case goods												
Skinned.....	31,097	37,093	5,735	6,521	1/	1/	10/27,553	31,163	-	-	-	-
Unskimmed.....	8,309	7,400	2,975	1,657	1/	1/	29,157	27,718	-	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed.....	258,739	281,575	-	-	1/	1/	1/	1/	-	-	1/	1/
Concentrated skim milk for animal feed.....	16,513	14,607	5,270	3,655	1/	1/	1/	1/	-	-	-	-
Condensed or evaporated buttermilk.....	9,811	10,293	-	-	1/	1/	-	-	-	-	-	-
Dry milk:												
Whole milk.....	16,683	21,732	589	553	4,562	3,299	5,813	8,565	-	-	-	-
Nonfat dry milk solids	14,445	12,213	1,593	1,439	112	48	10/5,529	6,168	-	-	-	-
Spray process.....												
Molier process.....												
Total nonfat for human food.....	25,628	33,945	2,182	1,992	4,694	3,347	10/11,337	14,733	-	-	-	-
Skin milk for animal feed.....	648	1,074	1/	-	506	467	10/447	344	-	-	-	-
Buttermilk.....	1,397	1,506	1,055	943	1/	1/	-	-	-	-	-	-
Whey.....	-	-	1,204	442	1/	1/	-	-	-	-	-	-
Casein.....	-	-	1/	1/	-	-	-	-	-	-	-	-
Frozen products: 9/												
Ice cream												
Wholesale.....	31,669	33,469	5,475	5,591	5,560	3,526	10/62,094	62,130	3,595	3,393	2,328	2,114
Retail.....	2,317	3,193	718	669	1,023	987	10/5,794	7,578	164	298	188	194
Total.....	34,986	36,662	6,193	6,260	6,583	3,517	10/68,888	69,708	3,959	3,691	2,516	2,298
Sherbet, milk.....	1,092	1,312	321	306	175	204	715	757	70	110	60	66
Ice milk.....	1,531	2,217	923	1,085	12/1,709	12/1,830	-	-	136	110	396	394
Other frozen dairy products.....	504	800	264	446	180	105	8	1/	74	116	82	112
Water ices.....	898	1,013	171	150	86	179	2,016	3,146	151	264	188	221
Ice cream mix.....	19,200	20,562	2,914	3,023	3,623	3,547	10/34,827	35,918	2,050	1,902	1,186	1,206
All other mix.....	1,367	2,736	986	1,252	424	528	178	265	118	133	195	221

Continued

Table 9 -Manufactured dairy products: Production, by specified items, by States, 1951 and 1952—Continued

Product	South Dakota		Tennessee		Texas		Utah		Vermont		Virginia	
	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952
Butter, creamy	1,000 pounds											
Cheese:												
American												
Cheddar	33,678	30,254	10,595	9,486	6,982	6,137	5,150	4,465	1,396	1,270	6,745	7,159
Other varieties, whole milk 2/	1,535	1,565	34,341	33,003	3,530	3,811	6,422	5,478	2,553	4,749	1/	1/
Total, whole milk 1/	1,539	1,565	34,341	33,003	3,530	3,811	6,422	5,478	3,070	4,894	1/	1/
Part skim												
Swiss, including block	-	-	-	1/	-	-	1/	1/	-	-	-	-
Munster	-	-	-	-	-	-	-	-	-	-	-	-
Brie	-	-	-	-	-	-	-	-	-	-	-	-
Limburger	-	-	-	-	-	-	-	-	-	-	-	-
All Italian varieties	-	-	-	-	-	-	-	-	-	-	-	-
Cream 4/	-	-	-	-	-	-	-	-	-	-	-	-
Baufchotel 5/	-	-	1/	1/	-	-	-	-	1/	1/	-	-
Blue mold	-	-	1/	1/	-	-	-	-	-	-	-	-
All other varieties	-	-	-	-	-	-	-	-	1,247	999	-	-
Total 6/	1,539	1,565	7/37,386	7/36,756	7/3,544	7/3,825	7/11,073	7/10,347	7/5,810	7/3,99	1/	1/
Full-skim Am. type cheese	1/	1/	-	-	-	-	-	-	489	1/	-	-
Cottage cheese	-	-	-	-	-	-	-	-	-	-	-	-
Curd 5/	889	589	2,863	2,609	6,224	5,150	3,039	3,083	10/16,879	17,122	1,978	2,205
Creamed 5/	1,120	1,202	3,886	3,675	8,937	10,996	3,879	4,770	8,921	10,522	612	840
Condensed milk:												
Sweetened	-	-	-	-	-	-	-	-	-	-	-	-
Case goods	-	-	-	-	-	-	-	-	-	-	-	-
Unskimmed	-	-	-	-	-	-	-	-	-	-	-	-
Bulk goods												
Skimmed	1/	1/	-	-	230	385	-	-	1,118	1,194	6,509	2,940
Unskimmed	-	-	-	-	-	-	-	-	-	-	1/	-
Unsweetened												
Bulk goods	-	-	14,378	14,306	12,295	15,300	524	637	6,851	5,334	22,129	22,906
Skimmed	-	-	1/	1/	1/	1/	-	-	6,277	7,633	1/	3,281
Unskimmed	-	-	-	-	-	-	-	-	-	-	-	-
Evaporated milk, unsweetened:												
Case goods, unskimmed	-	-	129,586	151,863	21,205	1/	60,782	60,119	-	-	1/	1/
Concentrated skim milk for animal feed												
Condensed or evaporated buttermilk	3,745	1,550	1/	1/	1/	1/	-	-	-	-	-	-
Dry milk:												
Whole milk	-	-	-	-	-	-	1/	1/	1/	-	-	-
Nonfat dry milk solids	-	-	-	-	-	-	-	-	-	-	-	-
Spray process	-	-	1/	1/	1/	1/	5,091	4,783	9,990	11,147	3,560	4,265
Roller process	-	-	1/	1/	1/	1/	-	-	1,664	3,378	116	-
Total nonfat for human food	-	-	429	1/	1/	1/	5,091	4,783	13,654	14,521	3,695	4,265
Skim milk for animal feed												
Buttermilk	936	1,305	-	-	1/	1/	-	-	1/	1/	55	29
Whey	-	-	-	-	-	-	1/	1/	-	-	-	-
Casein	-	-	-	-	-	-	-	-	1/	1/	-	-
Frozen products: 9/												
Ice cream	1,000 gallons											
Wholesale	2,250	2,131	11,351	11,402	23,875	21,555	1,975	2,222	1,227	1,223	9,492	10,052
Retail	220	264	145	147	10,591	600	500	519	10/100	118	533	467
Total	2,470	2,395	11,636	11,899	10/24,466	22,155	2,475	2,741	10/1,327	1,341	10,025	10,519
Sherbet, milk	73	103	113	552	1,375	1,467	67	99	25	66	693	1,098
Ice milk	205	404	1,648	2,851	2,217	1,776	600	600	59	89	-	-
Other frozen dairy products	39	64	225	87	2,760	1,081	207	119	1/	2	179	191
Water ices	34	48	692	682	1,253	1,537	152	168	52	61	460	445
Ice cream mix	1,166	1,214	7,230	7,043	13,619	12,453	1,314	1,448	970	1,010	5,994	6,114
All other mix	182	219	919	909	3,356	2,489	599	712	63	.98	524	765

Continued

Table 9 - Manufacturer of dairy products: Production by specified firms, by States, 1951 and 1952-Continued

9. The production for Fresh Products includes that made by all types of plants for both
packaging and retail.

older soil-alkaline and saline areas.

[sum of individual varieties does not equal total classes given] TABLE 100 shows percentages where each of 1,740 varieties is 200 or more percent above or below the mean.

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G. H. totals for all products include production for sales, stocks and direct separately in different countries see chart 20, Oregon.

Table 10- Butter, creamery: Production, by States, by months, 1952

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Maine	5	1	2	3	11	23	50	30	22	12	4	4	184	
Vermont	13	17	19	40	108	395	423	43	57	12	14	18	1,270	
Massachusetts	7	17	15	13	16	19	23	34	31	27	29	21	273	
New England 1/	27	35	36	56	135	437	497	107	110	126	100	39	50	1,728
New York	88	1,326	1,157	1,974	1,658	2,416	1,987	1,292	1,170	1,162	2,096	1,317	2,164	19,719
New Jersey	2/	1	1	1	3	3	3	2	1	1	3	3	3	25
Pennsylvania	71	526	519	679	823	1,285	1,304	1,144	1,089	994	916	624	545	10,451
Middle Atlantic	162	1,853	1,677	2,654	2,484	3,707	3,294	2,438	2,260	2,157	3,015	1,944	2,712	30,195
Ohio	86	2,895	2,356	2,647	3,317	5,276	4,754	4,083	4,486	4,590	4,767	3,300	4,174	46,645
Indiana	50	1,898	1,550	1,856	2,061	3,122	2,676	2,480	2,651	3,011	2,886	2,186	2,679	29,056
Illinois	82	2,998	2,615	3,174	3,791	5,392	4,859	4,905	5,131	4,661	4,489	3,442	4,419	49,892
Michigan	117	3,385	3,111	3,664	4,237	5,475	5,348	4,418	4,522	4,009	3,771	2,882	3,661	48,483
Wisconsin	264	10,209	10,333	11,086	11,893	18,742	17,449	16,731	14,434	11,621	10,315	10,274	13,472	161,561
West North Central	599	21,385	19,965	24,129	26,299	38,007	35,096	32,617	31,224	27,892	26,228	22,090	28,435	335,637
Minnesota	638	18,585	20,247	23,427	24,284	29,099	27,682	23,455	18,158	14,506	13,780	14,627	19,806	247,656
Iowa	364	11,244	11,625	12,716	13,815	19,138	19,225	18,265	16,248	14,302	12,927	11,068	13,122	173,785
Missouri	54	2,334	2,114	2,567	2,923	4,808	4,370	4,758	5,301	5,216	4,271	4,411	4,373	
North Dakota	99	2,396	2,812	3,394	4,119	5,441	5,419	5,519	4,445	3,487	2,843	2,198	2,555	44,656
South Dakota	88	1,807	1,939	2,223	2,658	3,435	3,497	3,522	3,094	2,351	2,027	1,722	1,979	30,254
Nebraska	74	4,742	4,768	5,294	5,801	7,692	7,716	7,645	7,061	5,530	4,963	4,510	5,547	71,269
Kansas	59	2,667	2,757	2,905	3,243	4,278	3,835	3,269	3,122	2,753	2,661	2,417	3,420	37,327
West North Central	1,376	43,775	46,262	52,526	56,843	73,861	71,744	66,463	57,429	48,235	44,501	40,813	50,840	653,322
Maryland	6	151	136	139	184	288	310	318	336	324	291	182	160	2,819
Virginia	35	347	251	314	427	743	688	769	698	955	776	486	503	7,189
West Virginia	5	17	4	23	30	75	23	19	18	19	16	10	86	340
North Carolina	13	39	43	28	76	147	98	100	109	147	170	148	159	1,264
South Carolina	2/	13	13	14	17	19	16	17	19	17	16	12	10	183
Georgia	2/	39	31	44	28	55	49	46	45	51	45	37	41	521
South Atlantic	67	606	478	562	772	1,327	1,184	1,269	1,425	1,513	1,314	877	959	12,286
Kentucky	20	785	812	778	981	1,715	1,510	1,633	1,723	1,631	1,934	1,071	987	15,660
Tennessee	18	513	450	400	540	900	848	780	977	1,051	1,356	963	708	9,486
Mississippi	7	113	122	183	361	409	301	266	258	212	399	367	349	3,345
Arkansas	8	148	139	176	260	495	495	428	468	534	515	311	362	4,331
Louisiana	2/	17	13	14	30	30	26	22	19	22	24	40	275	
Oklahoma	38	1,687	1,822	1,982	2,265	3,236	2,781	2,284	2,100	1,777	1,776	1,586	1,749	25,045
Texas	51	420	432	439	661	789	661	517	496	362	470	414	475	6,137
South Central 1/	148	3,790	3,792	3,975	5,101	7,576	6,625	5,934	6,046	5,585	6,475	4,739	4,682	64,323
Montana	61	385	340	395	467	701	730	676	552	508	452	354	399	5,962
Idaho	37	1,522	1,442	1,488	1,672	1,702	1,833	1,742	1,363	1,344	1,370	1,241	1,605	18,329
Wyoming	24	166	141	161	162	208	252	217	155	156	144	134	165	2,061
Colorado	33	955	994	1,079	1,181	1,453	1,538	1,365	1,200	1,025	833	746	1,036	13,405
New Mexico	5	46	44	46	48	55	61	53	52	64	47	57	634	
Utah	16	380	350	384	383	495	417	439	315	296	321	280	405	4,465
Nevada	2/	44	38	40	43	48	45	39	34	36	39	30	35	471
Mountain 1/	182	3,534	3,380	3,642	4,012	4,592	4,923	4,578	3,692	3,426	3,230	2,652	3,717	45,678
Washington	70	1,078	940	1,044	1,334	1,992	1,883	1,790	1,256	1,074	931	887	1,014	15,223
Oregon	49	833	741	890	1,202	1,595	1,592	1,474	1,195	1,015	918	817	831	13,103
California	44	1,823	1,496	1,709	2,344	1,738	1,143	1,061	1,101	1,099	953	826	1,182	16,675
Pacific	163	3,734	3,177	3,643	4,880	5,325	4,618	4,325	3,552	3,188	2,802	2,530	3,227	45,001
UNITED STATES	2,724	78,712	78,767	91,487	102,526	134,962	127,981	117,731	105,736	92,125	87,665	75,884	94,592	1,188,170

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, Cheddar, made from whole milk: Production, by States, by months, 1952

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Number	1,000 pounds											
Vermont	5	-	104	454	560	863	993	701	451	446	171	-	6	4,749
New England 1/ . . .	6	-	104	454	560	863	996	709	458	450	172	-	6	4,772
New York	69	171	544	2,107	4,555	7,408	8,017	3,839	1,977	1,070	702	441	541	31,372
Pennsylvania	7	26	37	58	72	139	57	61	54	49	40	27	23	673
Middle Atlantic . . .	76	197	581	2,185	4,627	7,547	8,104	3,900	2,031	1,119	742	468	564	32,045
Ohio	11	412	406	426	658	1,422	1,160	846	805	802	791	583	565	5,878
Indiana	18	901	770	727	998	2,923	2,492	1,894	1,863	1,707	1,390	984	17,655	
Illinois	71	2,076	2,069	2,431	2,970	4,476	4,463	4,298	3,839	3,262	2,705	2,155	2,309	37,053
Michigan	29	1,162	1,193	1,595	1,921	2,830	3,300	2,694	2,337	1,976	1,506	1,544	24,778	
Wisconsin	586	25,404	25,475	30,821	34,277	46,453	50,124	42,640	38,505	32,427	28,231	24,680	26,941	405,978
East North Central .	1,015	29,955	29,913	36,002	40,824	58,104	61,539	52,398	47,706	40,535	35,093	29,930	32,343	494,342
Minnesota	42	3,453	3,338	3,807	4,486	5,668	5,571	4,407	3,397	2,604	2,710	3,421	4,553	47,415
Iowa	24	580	500	644	786	1,132	1,148	1,018	881	697	670	680	814	9,550
Missouri	45	2,373	2,195	2,568	3,691	5,912	5,984	5,812	7,067	6,757	5,437	4,067	5,801	55,664
South Dakota	2/	127	114	131	143	197	187	165	126	84	67	84	140	1,566
Nebraska	2/	19	19	28	52	57	40	37	31	19	37	50	78	467
Kansas	19	466	516	520	636	979	814	703	717	652	588	546	653	7,790
West North Central .	137	7,018	6,682	7,698	9,794	13,945	13,744	12,142	12,219	10,813	9,509	8,846	10,039	122,451
Georgia	2/	10	9	13	26	36	28	25	30	27	19	14	19	256
South Atlantic 1/ .	7	62	49	57	100	187	209	218	250	330	267	153	125	2,007
Kentucky	18	753	879	1,027	1,949	3,474	3,311	3,265	3,403	2,909	2,460	1,543	1,116	26,089
Tennessee	23	1,345	1,415	1,680	2,761	4,151	3,692	3,803	3,692	3,500	3,131	2,143	1,730	33,003
Alabama	5	97	102	147	271	338	283	277	265	266	203	154	132	2,535
Mississippi	12	423	483	617	1,113	1,681	1,387	1,383	1,290	1,024	857	672	631	11,561
Arkansas	8	294	340	481	789	1,225	934	1,092	1,363	1,328	1,105	801	754	10,506
Oklahoma	7	197	267	278	386	688	617	490	459	340	300	271	343	4,642
Texas	8	183	195	247	447	648	542	387	279	213	196	200	274	3,811
South Central 1/ .	83	3,298	3,681	4,478	7,752	12,229	10,729	10,701	10,753	9,580	8,252	5,790	4,980	92,223
Montana	5	138	152	176	206	375	406	331	255	238	211	158	165	2,811
Idaho	19	978	958	1,057	1,184	1,552	1,600	1,555	1,357	1,128	1,156	1,025	963	14,513
Wyoming	2/	2	3	-	3	9	-	11	5	10	1	-	-	44
Colorado	2/	6	-	22	36	57	81	38	16	15	9	13	74	367
Utah	21	397	390	416	432	533	553	544	485	473	446	417	431	5,478
Mountain	51	1,521	1,503	1,673	1,861	2,526	2,640	2,479	2,118	1,824	1,822	1,613	1,633	23,213
Washington	6	266	237	166	204	337	345	281	259	198	171	125	152	2,741
Oregon	26	561	686	1,338	2,408	3,171	3,150	2,854	2,291	1,750	1,332	851	618	21,010
California	6	18	19	53	78	84	92	47	22	3	1	1	1	419
Pacific	38	845	942	1,557	2,690	3,592	3,587	3,182	2,572	1,951	1,504	977	771	24,170
UNITED STATES	1,413	42,896	43,455	54,084	68,208	98,993	101,548	85,729	78,107	66,602	57,361	47,779	50,461	795,223

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 12: Cheese, total American, made from whole milk: Production, by States, by months, 1952 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Vermont	6	10	114	470	572	577	1,009	715	461	457	162	9	16	4,894
New England 2/	7	10	114	470	572	577	1,012	723	470	461	183	9	16	4,917
New York	87	383	706	2,378	4,982	5,328	9,458	4,335	2,352	1,557	1,049	709	737	36,974
Pennsylvania	5	37	48	74	92	168	119	88	78	71	58	41	36	910
Middle Atlantic	95	420	754	2,452	5,074	8,496	9,577	4,423	2,430	1,628	1,107	750	773	37,664
Ohio	13	1,100	1,060	1,001	1,294	2,509	2,225	1,730	1,883	1,679	1,687	1,344	1,141	18,653
Indiana	22	1,438	1,085	1,232	1,423	3,616	3,215	2,757	2,741	2,572	2,051	1,532	1,408	25,072
Illinois	71	2,248	2,217	2,516	3,111	4,574	4,544	4,385	3,879	3,320	2,517	2,257	2,367	38,255
Michigan	39	1,360	1,401	1,862	2,211	3,238	3,768	3,132	3,105	2,735	2,305	1,776	1,825	28,720
Wisconsin	900	26,119	26,211	31,700	35,346	47,556	51,138	41,595	39,229	31,015	28,994	25,470	27,888	416,313
East North Central	1,045	32,285	31,974	36,331	43,385	61,497	64,890	55,599	50,437	43,351	37,854	32,381	34,629	527,013
Minnesota	42	3,453	3,338	3,807	4,886	5,668	5,571	4,407	3,397	2,604	2,710	3,421	4,553	47,415
Iowa	26	695	610	770	891	1,240	1,280	1,112	951	775	746	743	903	10,716
Missouri	45	2,420	2,237	2,799	4,154	6,938	6,660	6,607	7,827	7,588	6,028	4,561	4,199	62,028
South Dakota	3/	127	114	131	143	197	187	165	126	84	67	84	140	1,565
Nebraska	2/	23	26	28	53	60	40	39	32	19	39	50	55	494
Kansas	19	466	516	520	636	979	814	703	717	652	588	516	653	7,790
West North Central	139	7,184	6,841	6,055	10,363	15,982	14,552	13,033	13,050	11,722	10,188	9,405	10,533	130,008
Georgia	3/	10	9	13	26	36	28	25	30	27	19	14	19	256
South Atlantic 2/	7	62	49	57	100	188	209	218	250	330	267	153	125	2,008
Kentucky	18	753	879	1,027	1,949	3,474	3,311	3,265	3,403	2,909	2,460	1,543	1,116	26,089
Tennessee	23	1,345	1,415	1,680	2,761	4,151	3,652	3,603	3,692	3,500	3,131	2,143	1,730	33,003
Alabama	5	97	102	147	271	318	283	277	265	266	203	154	132	2,535
Mississippi	12	423	483	617	1,113	1,681	1,387	1,383	1,290	1,024	857	672	631	11,561
Arkansas	8	294	340	481	815	1,405	1,317	1,249	1,389	1,367	1,105	802	754	11,318
Oklahoma	7	197	267	278	386	688	617	490	459	340	300	277	343	4,642
Texas	8	183	195	247	447	648	542	387	279	213	196	200	274	3,811
South Central 2/	83	3,298	3,681	4,478	7,778	12,409	11,112	10,858	10,779	9,619	8,252	5,791	4,980	93,035
Montana	5	138	152	176	206	375	406	331	255	238	211	158	165	2,811
Idaho	19	1,249	1,219	1,345	1,476	1,896	1,868	1,790	1,673	1,455	1,451	1,338	1,293	18,053
Wyoming	2/	2	3	-	3	9	-	11	5	10	1	-	-	44
Colorado	4	6	-	22	36	57	81	38	16	15	9	13	82	375
Utah	21	397	390	418	432	533	553	544	485	431	445	417	431	5,478
Mountain	52	1,792	1,764	1,961	2,153	2,870	2,908	2,714	2,434	2,151	2,117	1,926	1,971	25,761
Washington	7	284	251	184	221	350	355	301	265	210	187	157	164	2,929
Oregon	26	585	704	1,345	2,421	3,217	3,228	2,887	2,314	1,849	1,451	967	701	21,669
California	17	241	180	333	445	388	325	321	259	263	242	274	3,598	
Pacific	50	1,110	1,135	1,862	3,087	3,955	3,908	3,511	2,900	2,318	1,901	1,366	1,139	28,192
UNITED STATES	1,478	46,161	46,312	57,666	72,512	105,374	108,168	91,079	83,150	71,580	61,869	51,781	54,166	849,518

1/ Includes cheddar, colby, washed or stirred curd, high and low moisture jack, Monterey, and gouda.

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

3/ Either 3 or 4 plants reporting.

Table 13 - Cheese, total, excluding full-skim American and cottage: Production, by States, by months, 1952

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Vermont	12	121	300	512	972	1,145	1,151	863	649	359	192	202	7,399	
Massachusetts	5	220	216	240	300	228	202	156	186	226	231	322	2,691	
New England 1/	23	392	580	1,135	368	1,478	1,489	1,116	884	934	710	480	584	11,150
New York	142	5,429	5,525	7,838	10,213	13,096	14,009	8,180	6,602	6,275	6,168	5,455	6,428	95,218
New Jersey	2/	158	170	217	247	195	145	139	119	128	140	170	278	2,106
Pennsylvania	24	722	697	881	833	929	794	672	711	710	703	801	9,133	
Middle Atlantic	170	6,309	6,392	8,936	11,203	14,220	14,948	8,991	7,432	7,083	7,018	6,326	7,507	106,457
Ohio	41	2,649	2,532	2,761	2,783	4,208	4,091	3,247	3,478	3,358	3,431	2,891	2,577	38,306
Indiana	22	1,708	1,613	1,722	2,241	4,233	3,864	3,523	3,547	3,120	2,942	2,346	2,223	33,082
Illinois	107	4,389	4,378	5,088	5,981	8,647	8,629	8,280	7,784	6,538	5,701	5,207	6,198	76,830
Michigan	44	1,494	1,529	2,092	2,514	3,614	4,175	3,451	3,371	2,962	2,445	1,582	1,968	31,497
Wisconsin	1,180	35,096	35,940	43,020	46,911	61,377	64,056	54,867	50,534	43,190	39,081	34,914	38,035	547,021
East North Central	1,394	45,336	45,992	54,693	60,430	82,079	88,815	73,368	68,714	59,168	53,600	47,240	51,301	726,736
Minnesota	47	4,852	4,602	5,184	5,833	7,156	7,094	5,966	5,005	4,218	4,390	4,958	6,153	65,411
Iowa	29	727	701	838	934	1,298	1,342	1,171	1,005	829	798	791	973	11,407
Missouri	148	2,425	2,242	2,804	4,161	6,942	6,665	6,612	7,830	7,593	6,044	4,566	4,207	62,091
South Dakota	2/	127	114	131	143	197	187	165	126	84	67	84	140	1,565
Nebraska	2/	23	26	28	53	60	40	39	32	19	39	50	85	494
Kansas	19	466	516	520	636	979	814	703	717	652	588	546	653	1,790
West North Central	150	8,620	8,201	9,505	11,760	16,632	16,142	14,656	14,715	13,395	11,926	10,995	12,211	148,758
Georgia	2/	10	9	13	26	36	28	25	30	27	19	14	19	256
South Atlantic 1/	8	78	65	73	114	194	217	228	256	336	273	161	139	2,134
Kentucky	19	757	883	1,032	1,954	3,481	3,316	3,270	3,407	2,911	2,463	1,547	1,122	26,143
Tennessee	23	1,666	1,693	2,029	3,037	4,400	3,941	4,087	3,942	3,756	3,423	2,925	2,257	36,756
Alabama	5	97	102	147	271	338	283	277	265	203	154	132	2,535	
Mississippi	13	423	483	617	1,113	1,681	1,368	1,384	1,290	1,025	859	672	631	11,566
Arkansas	6	294	340	481	815	1,405	1,317	1,249	1,189	1,367	1,105	802	754	11,318
Oklahoma	7	557	573	506	695	947	841	776	707	567	491	540	588	7,458
Texas	9	186	197	249	447	648	543	389	280	214	197	200	275	1,825
South Central 1/	56	3,986	4,271	5,062	6,368	12,924	11,632	11,436	11,282	10,106	8,741	6,440	5,839	100,077
Montana	5	138	152	176	206	375	406	331	255	238	211	158	165	2,811
Idaho	24	1,451	1,417	1,568	1,700	2,202	2,191	2,103	1,945	1,713	1,702	1,563	1,629	21,184
Wyoming	2/	142	136	186	147	196	227	232	287	165	122	142	150	3,992
Colorado	2/	15	20	29	36	57	84	41	22	17	13	19	92	445
Utah	21	754	761	863	891	1,028	984	957	863	776	799	804	837	10,347
Mountain 1/	59	2,543	2,531	2,815	3,007	3,674	3,913	3,678	3,284	2,923	2,869	2,713	2,895	37,048
Washington	9	375	352	323	352	403	245	385	356	289	281	226	278	4,065
Oregon	27	597	721	1,378	2,478	3,301	3,310	2,957	2,372	1,894	1,488	996	722	22,214
California	28	915	885	1,114	1,192	1,066	937	918	821	825	892	1,051	1,133	11,749
Pacific	64	1,887	1,958	2,815	4,022	4,770	4,692	4,260	3,549	3,008	2,661	2,273	2,133	38,028
UNITED STATES	1,954	69,151	69,990	85,034	100,362	136,171	137,848	117,733	110,116	96,953	87,798	76,630	82,602	1,170,388

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 14- Cheeses, cottage, curd Production, by States, by months, 1952 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Maine	10	282	285	345	300	313	288	317	308	262	317	334	284	3,658
New Hampshire	5	12	13	16	14	16	15	18	16	14	13	12	11	170
Vermont	14	1,148	1,146	1,338	1,679	1,920	2,281	1,424	1,148	1,180	1,326	1,104	1,428	17,122
Massachusetts	13	51	51	64	60	56	56	63	55	52	55	50	31	646
Connecticut	18	124	178	256	417	322	166	167	157	184	117	172	172	2,501
New England	56	1,617	1,676	2,019	2,313	2,724	2,962	2,008	1,674	1,666	1,895	1,617	1,926	24,097
New York	160	3,708	4,103	4,851	4,494	5,436	5,379	4,789	4,231	3,786	3,924	3,679	3,545	51,935
New Jersey	24	167	216	265	238	281	240	239	207	199	227	228	211	2,718
Pennsylvania	127	1,495	1,703	2,045	1,836	2,122	1,871	1,787	1,676	1,573	1,678	1,554	1,569	20,309
Middle Atlantic	311	5,370	6,022	7,161	6,558	7,839	7,490	6,815	6,114	5,558	5,829	5,461	5,325	75,552
Ohio	270	2,187	2,315	2,848	2,660	2,783	2,686	2,720	2,375	2,256	2,450	2,313	2,335	29,930
Indiana	58	684	739	840	766	799	785	837	754	745	793	737	758	9,246
Illinois	126	1,737	1,776	2,008	2,026	2,103	2,100	1,957	1,843	1,863	1,870	1,691	1,690	22,666
Michigan	113	1,643	1,851	2,099	1,891	2,020	1,986	2,019	1,790	1,995	2,222	2,047	2,149	23,704
Wisconsin	117	2,019	1,987	2,310	2,041	2,013	1,981	1,939	1,704	1,745	1,775	1,817	1,910	21,161
West North Central	684	8,276	8,670	10,025	9,184	9,718	9,515	9,492	8,466	8,604	9,110	8,605	8,842	108,701
Minnesota	27	664	686	799	733	813	755	760	589	681	677	687	659	8,443
Iowa	50	575	608	667	649	690	665	610	586	640	662	570	548	7,190
Missouri	54	855	1,010	1,185	983	951	924	956	869	829	876	765	745	10,448
North Dakota	2/	11	13	15	17	22	18	18	13	11	12	11	11	172
South Dakota	11	61	59	77	77	86	80	83	84	75	71	69	67	889
Nebraska	25	280	311	326	359	352	355	367	290	294	305	297	283	3,818
Kansas	57	566	574	645	674	766	782	674	571	516	621	560	541	7,497
West North Central	237	3,012	3,261	3,713	3,492	3,680	3,526	3,468	3,002	3,066	3,244	2,899	2,894	39,257
District of Columbia	2/	105	136	169	171	163	151	140	134	126	145	141	124	1,706
Delaware	5	16	16	18	17	17	17	14	15	16	18	12	18	198
Maryland	19	370	397	538	448	437	449	432	379	366	412	394	351	4,973
Virginia	19	152	173	196	199	229	204	209	184	176	180	155	148	2,205
West Virginia	10	198	199	232	254	269	255	238	261	227	230	199	201	2,763
North Carolina	24	116	116	157	167	242	192	172	117	104	107	99	96	1,685
South Carolina	4	7	8	12	10	11	10	10	10	10	9	9	9	115
Georgia	10	40	51	71	68	69	77	75	62	56	57	49	49	723
Florida	13	170	195	210	166	189	131	107	100	112	118	140	140	1,759
South Atlantic	137	1,174	1,291	1,603	1,500	1,597	1,504	1,421	1,269	1,181	1,270	1,175	1,136	16,121
Kentucky	44	470	513	567	562	569	511	566	466	479	440	402	402	6,081
Tennessee	24	279	275	276	237	242	219	224	201	172	165	150	149	2,609
Alabama	7	30	35	44	51	49	48	49	45	40	40	35	44	510
Mississippi	6	4	6	6	6	6	7	6	5	6	5	4	4	65
Arkansas	83	79	97	98	113	135	135	148	129	114	106	76	76	1,319
Louisiana	10	63	69	101	94	130	134	127	134	123	126	98	92	1,291
Oklahoma	36	354	347	419	422	446	446	419	401	388	378	332	326	4,678
Texas	29	445	458	513	544	569	567	548	545	503	486	477	415	6,150
South Central	163	1,734	1,780	2,023	2,014	2,184	2,137	2,074	1,986	1,826	1,794	1,643	1,508	22,703
Montana	15	53	57	68	77	83	80	81	77	72	65	71	68	652
Idaho	12	81	86	91	104	93	97	107	97	85	85	79	74	1,080
Wyoming	16	25	28	34	39	48	43	49	38	40	37	31	28	440
Colorado	37	264	269	345	328	346	346	364	306	275	274	256	256	3,713
New Mexico	7	85	82	87	81	98	97	90	78	76	79	75	1,002	1,002
Arizona	2/	64	67	67	65	74	74	65	62	67	66	57	53	774
Utah	13	216	248	300	275	272	266	271	268	248	269	229	223	3,085
Nevada	4	7	9	8	9	10	9	10	9	6	6	5	5	95
Mountain	107	795	846	1,000	978	1,017	1,012	1,037	969	903	882	821	782	11,042
Washington	31	1,067	1,085	1,229	1,266	1,195	1,208	1,250	1,172	1,063	1,130	1,030	973	13,668
Oregon	17	299	292	312	344	388	374	368	331	292	307	313	344	3,994
California	52	4,547	4,853	5,518	5,811	5,712	5,264	5,159	4,983	4,978	4,543	4,171	4,171	60,325
Pacific	100	5,913	6,250	7,079	7,421	7,295	6,846	6,977	6,749	6,338	6,415	5,916	5,468	78,647
UNITED STATES	1,795	27,885	29,776	34,623	33,670	36,054	34,592	33,292	30,209	29,142	30,439	28,137	27,901	376,120

1/ Cottage cheese curd includes cottage, pot, and bakers' cheeses 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.

Table 15—Cheese, cottage, creamed: Production, by States, by months, 1952

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Maine	8	69	70	81	77	79	84	89	85	71	70	75	69	915
New Hampshire	6	13	14	17	15	16	19	18	15	14	13	12	182	
Vermont	5	704	772	924	932	1,008	1,028	998	922	855	843	737	799	10,522
Massachusetts	14	285	280	334	312	328	265	352	295	264	345	333	310	3,706
Connecticut	14	112	125	146	145	157	162	133	117	117	121	127	127	1,660
New England	50	1,186	1,261	1,524	1,482	1,586	1,550	1,620	1,453	1,322	1,409	1,279	1,313	16,985
New York	64	3,288	3,655	4,247	3,909	4,257	4,323	4,542	3,473	3,404	3,467	3,449	3,382	45,796
New Jersey	23	215	260	392	306	314	350	316	259	290	292	253	265	3,512
Pennsylvania	108	1,516	-1,732	2,025	1,786	1,905	1,806	1,738	1,529	1,520	1,704	1,540	1,487	20,498
Middle Atlantic	195	5,019	5,647	6,664	6,001	5,476	6,479	6,596	5,661	5,214	5,467	5,242	5,136	69,600
Ohio	255	2,734	2,910	3,527	3,206	3,366	3,340	3,322	2,467	2,767	3,014	2,814	2,958	36,785
Indiana	74	739	773	896	912	972	945	890	657	929	961	868	10,624	
Illinois	119	2,336	2,347	2,653	2,627	2,689	2,721	2,688	2,317	2,411	2,569	2,452	2,977	
Michigan	138	1,912	2,071	2,374	2,117	2,273	2,298	2,099	1,996	2,009	2,386	2,249	2,492	26,466
Wisconsin	105	1,837	2,038	2,370	1,813	2,113	2,091	2,065	1,749	1,748	1,914	1,822	1,766	23,426
East North Central	691	9,558	10,139	11,820	10,675	11,413	11,422	11,309	9,819	9,932	10,812	10,198	9,921	127,016
Minnesota	22	814	801	953	936	945	882	949	824	808	840	779	796	10,331
Iowa	512	531	621	625	673	643	618	544	554	575	529	502	5,937	
Missouri	50	1,158	1,892	1,599	1,464	1,457	1,478	1,391	1,295	1,276	1,316	1,221	1,162	16,109
North Dakota	6	22	26	26	30	41	32	34	24	21	22	20	19	317
South Dakota	11	78	76	102	101	122	116	114	114	99	98	90	92	1,202
Nebraska	25	395	120	465	495	493	497	490	426	408	428	405	390	5,302
Kansas	51	582	510	572	623	717	690	647	571	588	538	566	566	7,092
West North Central	216	3,512	3,675	4,328	4,260	4,448	4,338	4,243	3,798	3,687	3,861	3,582	3,527	47,290
District of Columbia	1/	150	198	245	246	235	218	201	190	183	208	201	179	2,454
Delaware	1/	1	1	1	1	2	2	1	1	2	1	2	1	18
Maryland	15	450	480	617	525	497	523	495	413	448	512	470	421	5,851
Virginia	10	59	70	75	74	82	80	74	67	66	60	62	640	
West Virginia	44	237	253	300	319	339	322	306	264	207	212	218	222	3,199
North Carolina	24	139	135	179	217	210	199	199	185	159	157	139	113	2,031
South Carolina	1/	7	8	10	9	10	9	11	10	10	9	8	108	
Georgia	9	38	44	59	54	59	66	66	53	46	50	43	44	622
Florida	11	190	194	218	176	168	152	134	121	109	118	127	143	1,850
South Atlantic	124	1,262	1,383	1,704	1,621	1,602	1,571	1,494	1,311	1,231	1,333	1,268	1,193	16,973
Kentucky	45	577	641	734	707	726	699	767	670	626	627	571	532	7,557
Tennessee	25	380	374	387	335	341	336	313	284	247	234	220	224	3,675
Alabama	24	30	35	33	34	36	31	29	24	30	29	33	364	
Mississippi	6	5	7	8	8	8	7	8	7	7	6	6	61	
Arkansas	8	65	63	70	70	74	62	81	71	65	63	54	52	
Louisiana	10	130	131	187	182	228	243	230	240	224	227	181	163	2,366
Oklahoma	35	483	484	562	558	579	584	589	589	553	562	507	484	6,574
Texas	40	770	845	981	977	1,033	987	1,021	982	981	908	730	730	10,596
South Central	175	2,434	2,513	2,943	2,810	3,023	2,975	3,079	2,873	2,667	2,658	2,415	2,225	32,735
Montana	15	73	88	92	106	108	110	110	108	95	85	86	82	1,143
Idaho	10	118	123	122	142	138	136	135	126	104	105	96	88	1,433
Wyoming	19	32	35	39	47	61	54	57	44	40	40	33	36	
Colorado	35	309	318	400	354	381	391	405	358	312	328	290	281	4,127
New Mexico	8	102	98	105	97	119	113	110	95	95	102	93	89	2,118
Arizona	1/	143	150	149	151	155	160	136	136	149	149	138	123	1,739
Utah	14	354	395	459	436	428	394	415	393	376	420	364	342	4,776
Nevada	1/	10	12	11	12	14	13	14	12	10	10	8	7	131
Mountain	109	1,141	1,219	1,377	1,395	1,404	1,371	1,382	1,272	1,181	1,237	1,108	1,048	15,085
Washington	32	1,543	1,567	1,798	1,826	1,662	1,738	1,771	1,681	1,560	1,641	1,579	1,470	19,836
Oregon	19	533	519	656	647	645	671	677	586	565	582	514	523	7,152
California	52	6,772	6,771	7,783	7,851	8,045	7,474	7,454	7,452	7,113	6,622	6,622	6,622	87,899
Pacific	103	6,848	8,857	10,237	10,358	10,352	9,843	10,312	9,749	9,975	9,536	8,715	8,495	114,837
UNITED STATES	1,664	32,960	34,755	40,597	38,636	40,304	39,549	40,035	35,936	34,809	36,319	33,407	32,816	440,523

1/ Either 3 or 4 plants reporting.

Table 16- Condensed milk, whole, unsweetened, bulk goods: Production, by States, by months, 1952

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Vermont	1/	678	664	720	380	117	51	623	1,214	1,064	646	780	693	7,633
Connecticut	1/	125	91	180	280	207	260	31	45	66	67	106	106	1,538
New York	20	5,114	4,969	5,514	3,997	4,482	5,721	9,055	8,473	6,304	4,868	4,474	4,573	67,544
Pennsylvania	15	2,183	2,078	2,596	2,819	2,856	3,318	3,134	2,296	2,249	1,747	1,141	1,301	27,718
Ohio	11	616	887	479	560	501	646	1,586	925	363	223	403	211	7,400
Indiana	5	1,233	1,057	933	1,015	1,311	1,371	1,557	1,537	1,434	1,353	1,310	1,430	15,541
Illinois	1/	23	33	38	49	54	47	45	39	34	30	26	26	444
Michigan	7	495	490	508	605	683	1,021	1,069	853	661	525	498	591	8,239
Wisconsin	13	1,223	1,073	1,331	1,354	1,582	1,898	2,177	1,339	1,260	1,159	1,224	1,355	16,975
Kansas	1/	-	-	-	12	12	6	2	12	6	1	7	5	63
Maryland	1/	731	978	1,190	1,700	2,140	2,080	1,628	1,669	1,413	1,022	775	928	16,254
Virginia	1/	183	161	220	379	306	343	391	358	246	244	216	214	3,241
North Carolina	5	150	287	293	415	510	636	677	89	349	377	328	209	4,320
Oklahoma	1/	161	115	155	169	233	202	175	170	126	-	21	130	1,657
Washington	5	141	143	222	263	283	241	293	508	471	399	341	261	3,566
California	10	1,281	1,532	1,585	1,848	2,010	2,015	2,021	1,932	1,988	2,153	2,116	1,042	21,553
All other States	17	724	843	1,060	1,508	2,386	2,641	2,237	1,534	1,012	825	604	702	16,426
UNITED STATES	130	15,011	15,401	17,044	17,593	19,583	22,507	26,701	22,993	19,076	15,662	14,361	13,780	220,312

1/ Either 3 or 4 plants reporting.

Table 17- Condensed milk, skim, unsweetened, bulk goods: Production, by States, by months, 1952

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Vermont	1/	414	258	312	344	351	604	1,249	797	408	207	221	189	5,334
Connecticut	1/	11	12	25	25	39	27	23	22	18	13	19	10	247
New York	33	3,305	3,266	4,616	6,219	7,728	8,799	7,756	5,109	4,047	3,321	3,360	3,260	60,786
Pennsylvania	32	1,288	1,420	1,843	2,386	3,004	4,866	4,099	3,317	2,886	1,998	1,893	1,583	31,173
Ohio	36	2,242	2,525	3,114	3,396	4,175	4,237	4,202	3,539	3,093	2,352	2,252	1,966	37,093
Indiana	15	519	572	696	885	1,056	1,616	1,719	1,231	1,220	1,340	1,332	988	13,184
Illinois	19	1,266	2,046	1,838	2,096	2,900	3,424	3,390	3,150	2,588	1,442	1,343	1,474	26,957
Michigan	19	1,714	1,616	1,748	1,925	2,264	2,988	3,324	2,808	2,520	1,784	1,825	1,640	25,946
Wisconsin	36	6,042	4,360	3,819	4,050	5,219	6,386	7,712	5,703	6,103	4,747	4,454	4,415	63,030
Minnesota	10	1,232	1,296	1,055	1,007	1,152	1,545	1,587	1,456	1,257	1,256	1,096	709	14,948
Iowa	12	315	136	571	571	658	1,349	1,624	1,288	1,056	532	512	616	9,766
Missouri	13	1,433	1,675	2,165	2,674	3,311	3,413	2,712	2,588	2,168	2,003	2,658	2,209	29,429
Nebraska	6	12	81	103	171	681	782	650	434	163	121	55	153	3,436
Kansas	11	1,734	1,951	1,982	1,722	2,499	2,754	2,583	2,877	3,146	2,652	2,334	2,113	26,347
Maryland	6	966	1,231	1,513	1,684	2,284	1,985	1,725	1,493	1,307	1,152	1,133	1,402	17,875
Virginia	12	983	928	1,246	1,602	2,028	2,499	2,744	2,517	2,411	2,235	1,969	1,784	22,906
North Carolina	5	764	27	25	75	111	428	504	453	306	230	243	190	3,356
Kentucky	5	158	173	204	304	467	343	294	239	221	110	70	71	2,634
Tennessee	8	947	866	956	1,036	1,500	1,711	1,579	1,762	1,453	848	757	891	14,306
Alabama	1/	42	72	138	269	352	294	310	299	278	147	92	87	2,360
Oklahoma	9	382	426	469	591	865	909	757	678	494	366	293	293	6,581
Texas	11	810	748	1,334	2,146	2,561	2,387	1,630	886	608	666	631	893	15,300
Utah	1/	46	50	47	56	59	57	64	61	56	52	43	46	637
Washington	7	95	152	115	236	441	733	652	477	348	103	173	225	3,750
California	20	3,098	2,719	3,603	4,839	4,810	4,769	4,709	4,396	3,771	3,146	2,890	3,357	46,127
All other States	18	848	1,221	1,515	1,635	1,998	2,115	2,020	2,014	1,854	1,547	1,295	1,200	19,262
UNITED STATES	356	30,726	30,147	35,055	42,631	53,602	61,275	59,572	49,342	43,556	34,380	32,680	31,714	504,680

1/ Either 3 or 4 plants reporting.

Table 18 - Evaporated milk, whole, unsweetened, case goods: Production, by States, by months, 1952

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total	
		Number	1,000 pounds												
Middle Atlantic		4	5,958	7,094	8,085	11,199	13,007	12,340	7,409	4,075	3,938	3,046	2,352	2,393	80,599
Ohio	12	12,873	13,066	18,386	24,419	41,236	37,149	26,643	28,703	24,700	22,112	16,519	15,769	281,575	
Indiana	1/	5,040	4,221	6,444	8,018	12,694	12,450	10,905	8,974	7,293	5,940	3,716	4,562	90,290	
Illinois	10	9,044	10,321	11,234	11,712	19,225	18,814	15,173	14,896	11,769	9,017	7,455	9,079	147,737	
Michigan	7	10,472	10,783	13,613	18,327	25,831	23,756	18,004	17,455	16,396	14,086	12,138	11,951	293,214	
Wisconsin	25	42,220	45,090	57,311	60,693	80,415	80,009	55,589	55,725	44,480	39,239	35,864	38,435	615,074	
East North Central	58	79,649	83,481	106,988	123,199	179,401	172,180	126,317	126,153	104,642	90,394	75,690	79,796	1,347,890	
Missouri	5	7,034	6,928	8,510	11,506	17,382	17,166	12,149	18,296	19,080	14,381	9,080	8,356	150,770	
Kansas	1/	2,342	2,693	2,876	3,812	6,053	5,395	5,267	6,042	5,618	4,164	3,815	4,527	52,655	
West North Central	12	14,939	15,339	19,627	23,667	35,808	33,753	24,997	29,967	29,139	23,046	17,654	18,816	286,452	
South Atlantic	6	7,180	6,585	8,062	12,731	23,275	21,479	18,353	21,456	19,786	15,597	10,709	10,180	175,396	
Kentucky	1/	7,143	7,339	8,699	13,479	20,152	19,273	18,058	19,992	19,095	15,587	10,335	9,743	168,875	
Tennessee	1/	4,596	4,733	6,438	13,022	20,415	18,058	16,292	18,106	18,085	14,758	9,639	7,721	151,863	
Mississippi	1/	3,074	3,318	4,726	8,450	10,065	8,222	6,542	6,822	5,683	4,672	4,383	4,656	70,917	
South Central	13	16,798	17,554	22,769	39,852	57,052	51,050	45,946	49,794	47,487	38,588	27,041	24,940	438,871	
Utah	1/	4,636	4,380	4,677	5,570	6,983	6,536	5,685	4,659	4,209	4,270	3,930	4,614	60,119	
Mountain	8	11,481	11,195	12,623	14,884	18,619	18,788	13,592	13,525	12,309	12,403	11,034	12,152	160,605	
Washington	1/	2,829	3,124	4,503	6,972	10,378	9,490	5,500	4,817	2,775	2,802	2,904	3,742	59,836	
California	11	16,685	16,496	21,297	28,132	31,444	31,170	29,079	26,266	21,585	19,591	18,208	20,056	280,010	
Pacific	16	20,015	20,188	26,493	36,058	43,151	42,912	35,638	31,960	28,334	23,047	21,643	24,530	349,569	
All other States	2/24	28,032	29,567	35,933	47,118	67,470	62,011	46,163	45,776	41,442	35,502	28,139	29,594	496,747	
UNITED STATES	117	156,020	162,039	204,647	261,590	370,313	349,502	271,352	276,933	242,235	206,121	166,123	172,807	2,839,682	

1/ Either 3 or 4 plants reporting.

2/ Included in regional totals.

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Table 19 - Dried milk, whole: Production, by States, by months, 1952

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Number	1,000 pounds											
New York	5	1,275	1,293	2,270	2,405	2,081	2,708	1,852	1,594	582	52	18	96	16,226
Ohio	1/	495	393	712	801	1,288	1,211	1,214	1,117	904	695	621	848	10,299
Indiana	1/	255	307	222	352	201	37	144	65	57	59	72	1,795	1,795
Michigan	6	477	405	639	719	1,064	1,477	1,087	980	727	630	757	1,233	10,395
Wisconsin	16	3,077	3,576	3,197	3,437	4,141	4,163	3,240	3,025	1,952	2,437	2,333	3,183	37,761
Minnesota	1/	1,136	562	628	703	830	1,301	1,350	1,640	544	842	524	599	10,459
California	1/	39	334	520	463	489	1,548	739	722	694	473	231	254	6,506
All other States	9	490	400	973	1,383	1,144	718	433	445	766	487	696	356	8,291
UNITED STATES	54	7,244	7,270	9,161	10,263	11,238	13,163	9,739	9,667	6,234	5,873	5,239	6,641	101,732

1/ Either 3 or 4 plants reporting.

Table 20- Nonfat dry milk solids, spray process, for human consumption: Production, by States, by months, 1952

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
New York	22	2,359	3,240	6,148	7,648	10,043	8,869	4,315	4,720	4,325	5,071	4,107	5,850	66,695
Pennsylvania	6	406	445	688	948	1,539	1,415	704	655	453	417	327	568	8,565
Ohio	14	636	753	921	1,799	3,727	3,503	2,839	2,326	1,624	1,078	776	1,750	21,732
Indiana	7	456	833	1,114	1,481	2,331	2,405	2,202	2,000	1,765	1,199	1,048	1,168	18,392
Illinois	6	238	158	241	392	926	1,306	758	832	462	284	256	604	6,457
Michigan	9	1,016	1,180	1,551	1,814	2,723	2,486	1,717	2,097	1,497	1,156	982	1,825	20,044
Wisconsin	59	13,059	14,547	19,453	22,534	29,975	29,665	25,096	20,198	14,153	12,092	13,043	16,581	232,396
Minnesota	33	10,306	11,356	14,717	14,956	17,944	17,159	14,010	9,894	7,490	7,277	9,705	14,552	149,368
Iowa	9	410	523	730	940	1,345	1,394	1,099	1,005	717	607	588	1,080	10,436
Missouri	8	860	936	1,309	2,402	4,701	4,026	4,197	3,445	2,376	1,740	1,435	1,660	29,087
Nebraska	3/	209	276	291	316	711	633	553	434	168	162	245	439	4,439
Kansas	8	253	274	453	879	1,758	1,268	910	761	518	514	569	1,109	9,266
Virginia	5	16	97	113	338	966	649	584	703	442	136	51	170	4,265
Idaho	6	2,223	2,160	2,416	2,746	3,399	3,175	3,425	3,032	2,456	2,491	2,068	2,290	31,901
Utah	5	305	294	340	395	643	634	569	369	301	310	253	370	4,783
Washington	1/	215	278	327	315	667	716	830	403	266	108	87	139	4,351
Oregon	1/	52	69	112	202	627	744	610	438	101	113	105	126	3,299
California	15	588	627	1,426	3,813	3,830	3,002	3,136	2,165	1,276	1,102	848	1,150	22,963
All other States	11	823	697	1,183	1,967	2,780	2,432	1,142	1,065	1,078	1,309	773	1,386	16,635
UNITED STATES	233	34,430	38,763	53,533	65,889	90,635	85,571	68,696	56,542	43,468	37,166	37,266	55,117	665,076

1/ Either 3 or 4 plants reporting.

Table 21- Nonfat dry milk solids, roller process, for human consumption: Production, by States, by months, 1952

State	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 pounds												
Vermont	5	58	71	264	356	685	1,065	280	148	132	127	50	138	3,374
New York	36	2,102	2,502	3,668	4,557	7,824	7,119	2,124	2,013	1,364	1,475	901	1,536	37,485
Pennsylvania	15	443	454	773	912	1,292	945	262	244	104	225	184	330	6,168
Ohio	15	266	523	758	1,291	2,147	1,899	1,549	1,491	998	532	226	533	12,213
Indiana	10	711	825	938	1,113	2,247	2,029	1,813	1,674	1,215	886	471	817	14,739
Illinois	10	136	99	154	316	774	595	462	446	262	163	97	153	3,657
Michigan	21	1,001	1,195	1,526	1,776	2,891	2,987	2,077	2,499	1,523	1,126	898	1,766	21,265
Wisconsin	40	2,015	2,453	2,833	3,528	5,734	6,138	3,616	2,342	1,190	1,222	1,013	1,294	33,918
Minnesota	45	2,432	3,122	4,140	3,790	5,885	5,931	3,568	2,168	1,672	1,510	1,791	2,302	38,311
Iowa	8	270	297	373	412	733	659	623	507	444	402	359	513	5,592
Missouri	6	114	54	129	71	323	278	195	223	149	23	154	269	1,982
Maryland	6	379	336	348	626	1,266	586	189	568	373	339	130	462	5,602
Mississippi	1/	28	48	134	342	418	311	315	251	116	58	37	101	2,159
Oklahoma	1/	110	118	124	177	226	136	159	60	59	48	80	142	1,439
Washington	6	74	88	141	273	647	636	389	227	137	102	72	106	2,892
California	5	40	57	177	416	525	448	322	241	97	70	59	108	2,560
All other States	10	163	199	324	432	2,206	552	245	215	203	182	60	166	4,947
UNITED STATES	244	10,342	12,441	16,784	20,388	35,823	32,714	18,188	15,317	10,638	8,490	6,552	10,996	198,303

1/ Either 3 or 4 plants reporting.

Table 22- Ice cream, wholesale: Production, by States, by months, 1952

State and Division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maine.....	Number	1,000 gallons												
New Hampshire.....	14	153	150	197	227	229	301	445	353	276	220	174	219	2,944
Vermont.....	11	51	45	54	75	97	122	173	139	87	63	54	58	1,018
Massachusetts.....	7	77	64	92	55	107	122	179	153	106	90	66	82	1,223
Rhode Island.....	64	1,250	1,211	1,364	1,673	1,824	2,233	2,567	2,090	1,688	1,355	1,131	1,314	19,700
Connecticut.....	22	196	190	208	266	289	389	532	415	292	214	190	212	3,393
New England.....	144	473	441	483	581	636	772	953	758	607	506	392	454	7,086
New York.....	182	2,200	2,101	2,398	2,907	3,182	3,939	4,849	3,908	3,056	2,448	2,007	2,369	35,364
New Jersey.....	310	3,293	3,249	3,610	4,622	5,105	6,175	7,235	5,908	4,524	3,644	2,901	3,352	55,618
Pennsylvania.....	29	608	557	663	930	1,102	1,324	1,708	1,362	1,125	900	744	772	11,795
Middle Atlantic.....	211	4,048	4,056	4,335	5,115	5,685	6,857	7,702	6,301	5,450	4,564	3,834	4,143	62,130
552	7,949	7,862	8,608	10,667	11,892	14,366	16,645	13,571	11,129	9,108	7,479	5,267	7,543	127,543
Ohio.....	194	2,154	2,166	2,354	2,720	3,047	3,700	4,174	3,403	2,994	2,439	2,165	2,153	33,469
Indiana.....	103	1,078	1,087	1,210	1,382	1,641	1,997	2,151	1,779	1,506	1,211	1,068	1,009	17,119
Illinois.....	163	1,998	2,093	2,116	2,450	2,779	3,318	3,561	2,861	2,500	2,003	1,741	1,736	29,156
Michigan.....	248	1,543	1,580	1,737	2,140	2,485	3,132	3,560	2,897	2,339	1,858	1,596	1,657	26,544
Wisconsin.....	131	947	1,016	1,023	1,262	1,460	1,749	2,121	1,710	1,420	1,213	1,109	1,068	16,092
East North Central.....	839	7,720	7,942	8,440	9,954	11,412	13,895	15,567	12,650	10,779	8,724	7,679	7,617	122,360
Minnesota.....	101	854	916	921	1,116	1,346	1,528	1,770	1,445	1,214	1,045	888	920	13,965
Iowa.....	72	632	632	682	746	872	1,033	1,108	906	808	668	599	567	9,169
Missouri.....	51	987	1,058	1,107	1,276	1,559	1,785	1,808	1,597	1,433	1,117	937	858	15,522
North Dakota.....	33	125	127	132	165	210	234	243	232	187	161	127	116	2,059
South Dakota.....	18	139	141	155	174	198	237	271	234	191	152	131	128	2,131
Nebraska.....	39	345	386	354	418	529	587	619	520	452	394	324	332	5,259
Kansas.....	62	391	445	425	499	622	733	782	667	588	555	358	338	6,286
West North Central.....	406	3,429	3,705	3,719	4,394	5,335	6,137	6,601	5,601	4,853	3,992	3,364	3,258	54,391
District of Columbia.....	9	458	482	526	563	620	667	739	622	564	507	381	475	6,604
Maryland.....	30	555	567	569	690	749	897	964	840	759	614	497	547	8,246
Virginia.....	46	628	638	630	855	964	1,116	1,222	1,033	900	765	610	631	10,052
West Virginia.....	20	324	347	378	435	487	627	691	551	454	334	271	266	5,171
North Carolina.....	50	721	739	799	1,035	1,188	1,405	1,535	1,247	1,108	955	725	674	12,131
South Carolina.....	10	137	148	152	185	228	247	259	240	191	136	105	83	2,114
Georgia.....	43	438	470	527	642	775	855	868	746	702	571	429	370	7,393
Florida.....	35	801	862	871	880	917	962	987	857	799	658	664	664	10,147
South Atlantic 1/.....	245	4,188	4,361	4,635	5,449	6,083	6,967	7,416	6,418	5,699	4,811	3,800	3,843	63,670
Kentucky.....	48	306	323	338	400	477	550	574	503	423	359	293	274	4,820
Tennessee.....	64	668	733	778	944	1,222	1,370	1,429	1,202	997	818	656	585	11,402
Alabama.....	42	456	460	491	617	786	790	851	699	607	471	374	319	6,921
Mississippi.....	37	190	186	204	246	312	384	385	312	313	221	175	148	3,036
Arkansas.....	16	119	126	145	151	220	249	261	235	201	164	133	95	2,079
Louisiana.....	33	447	458	482	553	726	811	844	761	693	563	411	345	7,094
Oklahoma.....	44	356	373	395	426	573	653	683	647	552	390	295	248	5,591
Texas.....	136	1,448	1,507	1,626	1,809	2,236	2,362	2,356	1,992	1,644	1,192	1,014	21,553	
South Central.....	420	3,990	4,166	4,459	5,146	6,552	7,149	7,367	6,704	5,778	4,630	3,529	3,028	62,498
Montana.....	59	118	136	148	188	205	243	288	285	181	166	126	119	2,203
Idaho.....	18	124	141	168	201	213	232	266	261	199	188	131	110	2,254
Wyoming.....	18	31	33	37	43	45	58	61	59	45	39	31	30	512
Colorado.....	57	369	382	388	428	513	617	658	629	503	449	354	321	5,611
New Mexico.....	15	65	69	77	92	115	132	130	130	102	85	58	56	1,111
Arizona.....	11	154	181	138	182	211	213	210	222	196	144	103	103	2,148
Utah.....	22	144	158	154	180	201	229	251	251	204	185	136	129	2,222
Nevada.....	6	33	43	43	58	71	74	98	93	65	58	38	38	716
Mountain.....	206	1,038	1,143	1,153	1,372	1,574	1,802	1,962	1,950	1,495	1,364	1,018	906	16,777
Washington.....	46	454	556	575	616	649	697	652	695	630	454	481	481	8,062
Oregon.....	58	334	362	397	478	531	562	707	626	503	443	286	297	5,526
California.....	147	2,376	2,815	2,782	3,459	3,900	3,989	4,571	4,320	4,192	3,506	2,548	40,963	
Pacific.....	251	3,164	3,733	3,754	4,670	5,247	5,400	6,265	5,798	5,390	4,579	3,245	3,326	54,571
UNITED STATES.....	3,101	33,678	35,013	37,166	44,559	51,280	59,656	66,672	56,600	48,179	39,656	32,121	32,614	537,194

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

Table 23-Ice cream, total: Production, by States, by months, 1952 1/

State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	<u>Number</u>	<u>1,000 gallons</u>												
Maine.....	136	170	165	223	256	256	334	508	398	296	240	187	231	3,264
New Hampshire.....	173	63	59	69	90	129	184	263	224	120	73	66	71	1,411
Vermont.....	59	88	72	102	95	119	131	184	161	117	103	73	92	1,341
Massachusetts.....	653	1,340	1,300	1,482	1,856	2,075	2,582	2,971	2,403	1,888	1,483	1,232	1,414	22,026
Rhode Island.....	82	215	207	237	296	320	426	570	442	314	233	204	227	3,691
Connecticut.....	299	513	476	644	708	866	1,068	836	677	548	426	521	581	7,810
New England.....	1,402	2,389	2,279	2,640	3,237	3,607	4,523	5,568	4,464	3,412	2,680	2,188	2,556	39,543
New York.....	2,771	3,731	3,681	4,090	5,236	5,784	6,996	8,197	6,693	5,126	4,128	3,287	3,798	60,747
New Jersey.....	265	692	647	757	1,058	1,240	1,472	1,689	1,498	1,231	982	830	850	13,186
Pennsylvania.....	1,815	4,458	4,459	4,803	5,676	6,408	7,716	8,689	7,184	6,209	5,163	4,318	4,605	69,708
Middle Atlantic.....	4,851	8,881	8,787	9,650	11,970	13,432	16,204	18,775	15,375	12,566	10,273	8,435	9,253	143,601
Ohio.....	1,296	2,341	2,389	2,566	2,970	3,353	4,086	4,601	3,750	3,279	2,654	2,360	2,343	36,662
Indiana.....	548	1,203	1,216	1,353	1,549	1,839	2,240	2,415	1,998	1,693	1,364	1,213	1,161	19,244
Illinois.....	1,066	2,201	2,302	2,336	2,712	3,089	3,678	3,951	3,206	2,776	2,241	1,952	1,950	32,394
Michigan.....	727	1,648	1,689	1,855	2,287	2,655	3,346	3,803	3,094	2,520	1,985	1,705	1,769	28,356
Wisconsin.....	626	1,025	1,098	1,110	1,390	1,624	1,955	2,166	1,908	1,567	1,321	1,196	1,140	17,606
East North Central.....	4,253	8,418	8,664	9,220	10,908	12,560	15,305	17,152	13,956	11,835	9,565	8,426	8,363	134,352
Minnesota.....	262	890	954	959	1,162	1,504	1,591	1,844	1,505	1,264	1,088	925	958	14,544
Iowa.....	523	679	725	743	872	1,050	1,275	1,383	1,130	991	809	720	679	11,086
Missouri.....	307	1,029	1,123	1,153	1,337	1,629	1,899	1,920	1,699	1,513	1,173	983	900	16,348
North Dakota.....	84	131	134	140	174	224	249	260	248	202	173	136	125	2,196
South Dakota.....	101	152	159	148	196	224	272	308	269	210	171	146	140	2,395
Nebraska.....	212	416	386	451	567	634	667	656	492	427	353	362	5,634	5,640
Kansas.....	246	483	478	463	545	679	805	849	729	619	496	390	364	5,840
West North Central.....	1,735	3,678	3,979	3,992	4,737	5,777	6,725	7,231	6,145	5,291	4,337	3,653	3,528	59,073
District of Columbia.....	87	477	502	546	589	648	697	769	645	595	528	409	501	6,906
Delaware.....	35	131	114	130	169	165	204	228	204	173	136	123	139	1,916
Maryland.....	177	600	612	617	750	816	972	1,050	900	829	679	549	602	8,976
Virginia.....	204	649	660	718	887	1,013	1,177	1,287	1,090	951	802	632	653	10,519
West Virginia.....	190	340	364	401	462	527	673	730	589	484	362	298	291	5,521
North Carolina.....	300	803	821	886	1,146	1,229	1,581	1,714	1,364	1,225	1,058	801	757	13,507
South Carolina.....	64	147	158	166	203	251	266	278	259	210	150	117	93	2,298
Georgia.....	106	465	497	559	671	806	889	903	783	735	599	454	393	7,754
Florida.....	258	894	915	962	1,008	1,059	1,029	1,046	944	873	734	751	11,215	11,215
South Atlantic.....	1,421	4,506	4,673	4,987	5,845	6,563	7,516	7,988	6,902	6,146	5,187	4,117	4,180	68,612
Kentucky.....	162	328	345	363	435	523	600	627	545	557	387	313	294	5,217
Tennessee.....	261	689	754	811	984	1,290	1,435	1,499	1,269	1,041	850	675	602	11,899
Alabama.....	107	470	474	506	636	810	816	879	725	630	489	387	331	7,155
Mississippi.....	131	200	195	214	259	331	385	386	333	332	234	186	157	3,212
Arkansas.....	163	137	145	168	180	256	304	305	258	196	157	114	2,458	2,458
Louisiana.....	69	460	472	499	573	750	840	874	787	719	577	423	356	7,330
Oklahoma.....	178	400	415	443	484	645	744	767	725	612	434	329	282	6,280
Texas.....	337	1,479	1,536	1,663	1,859	2,100	2,435	2,433	2,138	2,050	1,688	1,228	1,046	22,155
South Central.....	1,408	4,163	4,336	4,667	5,410	6,905	7,561	7,770	7,080	6,079	4,855	3,698	3,182	65,706
Montana.....	288	156	180	198	264	289	336	394	390	257	226	168	162	3,020
Idaho.....	138	140	156	188	224	240	263	302	315	224	207	147	124	2,530
Wyoming.....	66	44	48	54	60	64	83	88	66	63	51	55	759	5,846
Colorado.....	176	383	398	405	446	535	645	687	656	525	466	367	333	5,613
New Mexico.....	37	73	78	87	104	127	147	145	116	98	67	66	1,253	1,253
Arizona.....	34	165	194	148	195	227	229	225	238	210	195	111	2,305	2,305
Utah.....	136	171	195	190	222	248	282	310	252	228	168	159	140	2,741
Nevada.....	14	34	45	45	61	74	82	102	97	68	61	40	40	749
Mountain.....	891	1,172	1,294	1,315	1,576	1,604	2,067	2,253	2,234	1,718	1,557	1,163	1,050	19,203
Washington.....	570	539	661	683	871	970	1,009	1,172	1,012	825	749	539	572	9,603
Oregon.....	334	393	426	468	564	626	663	833	593	522	337	350	6,513	6,513
California.....	751	2,681	3,098	3,089	3,804	4,351	4,418	5,091	4,799	4,657	3,871	2,776	2,795	45,370
Pacific.....	1,655	3,553	4,185	4,240	5,239	5,947	6,090	7,096	6,549	6,076	5,142	3,652	3,717	61,486
UNITED STATES.....	17,616	36,760	38,197	40,711	48,922	56,595	65,993	73,813	62,705	53,123	43,596	35,332	35,829	591,576

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

Table 24- Ice milk: Production, by States, by months, 1952 1/

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State and division	Plants	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Number	1,000 gallons												
Maine.....	112	-	1	1	12	24	50	48	44	31	7	16	27	291
Vermont.....	28	1	1	2	3	3	14	24	22	8	3	4	4	69
Massachusetts.....	88	13	16	21	44	90	112	133	88	73	60	29	21	700
Rhode Island.....	18	2	3	2	5	11	14	24	17	12	4	8	5	110
Connecticut.....	94	5	10	11	39	50	66	53	53	57	46	20	23	456
New England.....	340	24	31	57	106	178	286	312	224	181	120	77	80	1,676
Ohio.....	609	89	103	117	163	242	314	360	255	190	144	130	110	2,217
Illinois.....	406	197	226	230	357	424	488	558	423	343	232	182	149	3,809
Wisconsin.....	143	5	11	20	43	51	75	99	85	63	31	17	14	518
East North Central.....	1,158	291	340	367	563	717	877	1,017	763	596	407	329	273	6,540
Minnesota.....	230	54	67	77	106	146	138	147	116	85	69	46	50	1,101
Iowa.....	380	94	112	127	147	194	212	235	189	163	128	98	74	1,773
Missouri.....	122	75	89	91	119	178	239	230	205	174	126	94	80	1,700
North Dakota.....	24	-	-	-	25	24	26	28	27	16	7	-	-	153
South Dakota.....	102	3	14	23	28	48	56	61	55	43	28	24	18	404
Nebraska.....	353	46	60	61	116	160	188	204	173	149	109	101	73	1,440
Kansas.....	270	18	57	98	143	208	267	246	229	171	125	73	39	1,696
West North Central.....	1,481	310	399	477	644	958	1,126	1,151	997	803	592	436	334	8,267
West Virginia.....	197	41	44	60	52	102	128	140	117	93	67	44	37	955
North Carolina.....	82	175	181	209	262	289	304	337	303	277	219	163	138	2,857
South Carolina.....	49	25	27	26	32	44	52	44	49	36	27	23	9	394
Georgia.....	62	97	79	104	117	132	109	114	91	99	93	92	71	1,198
Florida.....	107	72	72	86	98	114	108	101	95	92	84	62	67	1,051
South Atlantic.....	497	410	403	485	591	681	701	736	555	597	490	384	322	6,455
Kentucky.....	73	21	24	30	57	73	94	100	84	71	47	41	31	673
Tennessee.....	314	124	114	142	189	262	265	261	253	233	184	122	102	2,251
Alabama.....	98	93	94	106	132	179	169	208	160	147	113	85	64	1,550
Mississippi.....	215	83	77	89	109	144	174	187	179	195	139	98	86	1,560
Arkansas.....	257	34	29	30	44	71	92	108	96	105	95	60	38	802
Louisiana.....	62	34	33	39	48	73	71	65	68	66	48	33	16	595
Oklahoma.....	127	55	56	66	74	116	134	163	151	127	84	46	33	1,085
Texas.....	205	127	116	173	136	169	172	180	204	176	146	109	77	1,776
South Central.....	1,351	571	543	675	789	1,087	1,171	1,273	1,195	1,120	836	585	447	10,292
Idaho.....	242	19	26	43	54	68	79	94	94	66	52	32	20	647
Wyoming.....	64	12	12	14	16	17	22	23	22	17	15	11	19	193
Colorado.....	80	19	23	23	46	62	54	91	87	64	47	25	19	590
New Mexico.....	35	14	13	15	21	30	35	36	36	34	26	17	11	268
Arizona.....	49	53	60	45	65	89	94	85	87	85	89	56	37	845
Utah.....	148	25	32	28	49	68	83	89	91	61	56	33	25	610
Nevada.....	22	9	11	13	19	25	28	42	41	29	23	13	9	264
Mountain.....	640	151	177	181	270	359	425	460	460	356	308	185	132	3,467
Washington.....	409	109	126	134	206	251	241	309	316	250	206	133	123	2,404
Oregon 2/.....	298	92	99	113	166	185	191	237	216	197	157	91	86	1,830
California.....	1,040	571	740	722	981	1,249	1,189	1,452	1,433	1,396	1,109	743	647	12,232
Pacific.....	1,747	772	965	969	1,353	1,685	1,621	1,998	1,965	1,843	1,172	967	856	16,466
UNITED STATES.....	7,234	2,529	2,858	3,211	4,356	5,665	6,207	6,947	6,259	5,496	4,225	2,966	2,444	53,163

1/ During 1952, this product was not permitted by law in States not shown in this table.

2/ Includes substandard ice cream.

Table 25—Whole milk used in manufactured dairy products: Calculated quantities used in specified products, on a whole milk equivalent basis, by States, 1952 1/

State and division	Creamery butter	Cheese		Prep. milk (unpasteurized) Case	Cond. milk (unpasteurized) Butter	Sweetened cond. milk Case & Bulk	Dry whole milk	Ice cream & other frozen products	Other milk 2/ products	Total	Duplications	Net total	
		American	Other than American										
Maine	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
New Hampshire	3,581 23	211	5,395	-	14,895	711	-	24,615	2,550	75,310	16,502	50,817	
Vermont	23,912	47,190	22,025	-	17,868	-	-	22,975	2,556	24,804	4,326	18,168	
Massachusetts	5,105	-	24,510	-	-	-	-	355,611	17,700	151,501	5,822	185,673	
Rhode Island	-	-	1,342	-	-	-	-	56,754	4,625	391,301	14,642	260,613	
Connecticut	-	-	2,548	-	3,605	1,342	-	120,513	2,612	150,890	5,768	125,062	
New England	32,941	47,211	55,941	-	16,368	2,053	-	630,474	21,973	632,952	193,942	639,019	
New York	126,658	380,310	563,710	69,389	166,972	21,027	127,189	932,500	83,168	2,177,153	360,366	2,816,787	
New Jersey	553	-	19,528	-	-	-	-	4,641	4,641	206,812	231,464	10,450	
Pennsylvania	216,312	9,569	77,551	110,389	68,528	4,417	-	1,065,512	29,231	1,582,155	59,510	1,582,155	
Middle Atlantic	643,133	390,199	661,095	179,774	235,900	31,144	127,189	2,204,474	121,060	4,590,472	430,726	4,160,116	
Ohio	252,112	183,616	168,474	582,769	17,362	15,464	74,676	517,260	82,850	2,505,597	73,564	2,432,033	
Indiana	141,357	245,921	65,737	190,079	36,325	158	17,000	81,788	13,780	1,361,224	57,514	1,290,730	
Illinois	1,013,691	387,653	368,114	328,365	1,111	5,639	39,460	829,359	15,138	2,747,501	125,011	2,599,370	
Michigan	982,056	291,194	26,514	429,361	20,361	48,973	73,142	119,569	19,936	2,457,662	63,527	2,493,135	
Wisconsin	3,106,076	1,341,545	1,322,909	1,411,276	41,972	23,306	26,184	290,517	105,603	21,139,510	390,882	10,740,611	
West North Central	6,705,703	5,450,335	1,951,748	2,951,413	117,281	93,370	489,706	1,998,615	312,363	20,071,498	714,478	19,357,016	
Minnesota	5,109,133	480,722	171,743	72,583	-	21,278	79,816	230,169	18,456	6,405,112	59,980	6,145,112	
Iowa	3,649,948	106,539	6,600	111,917	56	-	-	181,118	10,556	4,070,838	16,522	4,051,116	
Missouri	904,735	580,513	538	309,282	231	333	-	227,219	21,250	2,044,102	50,630	1,991,474	
North Dakota	956,667	-	-	-	-	-	-	35,307	1,144	991,618	13,316	981,642	
South Dakota	645,053	15,861	-	-	-	-	-	42,350	1,694	704,958	5,774	698,184	
Nebraska	1,522,406	5,000	-	-	1,417	-	472	-	100,236	7,120	1,616,653	26,040	1,610,613
Idaho	175,583	76,838	-	113,838	162	-	730	-	110,307	10,308	1,087,710	10,177	1,077,593
West North Central	13,766,132	1,867,573	176,881	607,620	1,666	22,413	79,816	928,905	50,244	16,943,751	185,499	16,758,352	
District of Columbia	-	-	-	-	-	-	-	104,650	3,075	107,129	41,520	66,195	
Delaware	-	-	-	-	-	-	-	28,705	28,705	24,392	11,220	11,085	
Maryland	59,947	79	-	73,237	15,079	9,395	175,700	17,729	121,184	33,450	270,312	1,200	
Virginia	139,833	1,949	-	106,590	7,385	246	-	121,269	11,711	115,590	45,889	169,161	
West Virginia	6,295	185	-	63,487	185	-	-	85,657	4,048	193,161	3,747	191,120	
North Carolina	23,193	14,026	-	85,100	9,686	-	-	195,332	2,432	31,526	87,923	243,662	
South Carolina	3,210	-	-	27,905	-	-	-	25,591	136	60,842	13,022	47,620	
Georgia	9,349	2,325	-	-	2,167	-	-	105,069	837	119,687	18,910	100,137	
Florida	-	1,050	-	-	-	-	-	149,931	2,405	191,186	52,516	97,673	
South Atlantic	241,323	16,764	1,050	357,319	57,652	10,241	-	987,018	22,536	1,695,109	332,007	1,365,102	
Kentucky	286,379	236,050	490	337,750	5,025	529	-	70,651	9,506	950,316	19,947	936,389	
Tennessee	165,911	301,150	31,350	303,725	625	-	-	191,931	4,203	964,697	43,901	920,396	
Alabama	791	23,123	-	-	600	-	-	94,266	523	119,305	25,458	93,607	
Mississippi	58,486	105,500	50	141,825	1,475	30,075	-	45,246	93	383,128	8,723	374,105	
Arkansas	79,489	104,582	-	70,500	825	-	-	35,978	1,310	292,693	7,847	284,866	
Louisiana	4,844	700	-	-	-	-	-	92,655	1,073	99,571	4,351	95,220	
Oklahoma	170,935	43,436	27,538	-	3,769	3,564	-	65,730	7,857	63,682	20,129	623,100	
Texas	109,538	34,900	23,425	-	200	-	-	287,118	12,759	468,028	26,713	439,315	
South Central	1,178,224	851,843	59,386	877,725	12,319	34,164	-	870,968	31,356	3,921,747	153,069	3,762,116	
Montana	122,335	27,730	-	-	-	-	-	41,307	1,487	192,859	8,163	184,696	
Idaho	364,981	175,707	27,693	183,493	-	-	-	9,590	42,330	66,551	27,628	68,399	
Wyoming	42,127	432	16,083	-	-	-	-	12,282	73,654	1,190	71,109	1,190	
Colorado	283,481	4,500	-	31,694	3,167	-	-	2,661	96,948	16,483	438,114	4,693	
New Mexico	12,175	-	-	-	1,237	-	-	-	20,900	1,561	16,473	872	16,401
Arizona	7,256	-	2,400	455	6,000	-	-	41,222	2,320	59,711	1,856	57,826	
Utah	95,033	54,927	43,946	130,000	-	-	-	44,026	4,469	378,009	20,008	357,001	
Nevada	9,923	-	-	-	-	-	-	15,026	169	29,136	633	24,503	
Mountain	931,671	262,396	92,322	345,600	10,404	-	-	12,383	317,101	95,780	2,014,503	65,794	2,008,109
Washington	291,666	27,766	9,644	126,336	8,234	3,129	2,439	156,340	23,619	609,591	9,975	640,016	
Oregon	233,510	197,725	4,550	19,460	-	23,250	11,377	97,813	8,156	565,411	22,071	574,324	
California	346,615	37,750	74,344	622,250	53,278	7,984	49,658	729,306	194,193	2,116,400	161,324	2,015,116	
Pacific	871,811	265,241	88,636	766,016	61,512	34,519	64,074	985,461	226,948	5,352,842	132,986	5,289,466	
United States	24,377,738	8,551,262	3,089,263	6,045,933	533,012	229,104	773,274	6,923,473	930,260	53,494,019	2,213,501	53,280,518	

1/ Total whole-milk equivalent of factory dairy products calculated from production in each State as reported by the Bureau of Agricultural Economics, and pounds of fat received at plants per pound of product made and test of milk used for each purpose as determined from a survey of 1,900 plants in 46 States for the year July 1950 to June 1951. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced. Summary 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 0.0261 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, creamed cottage cheese, sweetened dry whole milk, infant food, candy bars, canned condensed chocolate milk, dehydrated butterfat, and other special milk products.

Table 26 - Skim milk equivalents: Calculated quantities used in specified skim milk and buttermilk products, by States, 1952 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				Buttermilk	Nonfat milk solids 3/		
			pounds	pounds				pounds	pounds		
Maine	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
New Hampshire	-	22,452	-	6,276	19,633	-	-	6,380	-	-	55,771
Vermont	1,760	1,07,012	-	-	3,582	16,002	-	-	163,999	32,808	1,062
Massachusetts	-	4,038	-	-	580	1,775	-	-	39,166	-	45,514
Rhode Island	-	-	-	-	15	741	-	-	-	-	16,387
Connecticut	-	15,631	-	-	-	-	-	-	-	-	-
New England	1,760	150,605	-	10,413	38,172	-	-	-	209,539	32,808	143,297
New York	1,472	324,531	-	55,155	182,358	-	2,091	6,325	1,466,638	103,287	1,472,457
New Jersey	64	16,388	-	918	9	-	-	-	341	-	16,388
Pennsylvania	32	150,681	-	90,981	93,543	3,021	5,460	-	165,847	-	169,571
Middle Atlantic	1,568	472,200	-	147,054	275,916	3,021	7,551	6,325	1,332,826	103,687	2,350,348
Ohio	1,296	187,062	-	48,909	130,666	-	43,421	16,566	385,209	-	513,729
Indiana	336	57,750	-	39,711	42,963	6,589	5,847	6,259	346,190	-	527,645
Illinois	-	141,662	-	44,028	89,772	78	120,567	4,881	113,410	3,070	517,471
Michigan	-	148,150	-	13,494	77,638	4,110	12,402	30,008	474,287	454	760,753
Wisconsin	256	144,756	-	92,445	197,397	258	-	84,447	3,057,043	23,633	600,203
West North Central	1,888	679,380	-	238,587	535,436	13,035	182,637	142,164	4,396,139	27,167	6,219,433
Minnesota	7,696	52,769	-	17,151	44,844	-	13,496	157,014	2,105,235	34,665	2,433,180
Iowa	-	46,812	-	5	29,298	5,007	112,660	84,689	190,201	4,427	473,297
Missouri	-	68,425	-	4,251	55,287	-	22,401	11,440	187,050	-	541,854
North Dakota	-	1,075	-	1,785	-	-	-	14,794	-	-	37,653
South Dakota	1,072	5,595	-	185	-	-	4,650	34,355	-	-	25,819
Nebraska	-	23,862	-	6,925	10,308	-	31,026	20,042	50,094	-	142,287
Kansas	-	46,856	-	17,955	58,224	-	28,461	29,499	103,037	-	304,462
West North Central	8,758	245,355	-	48,276	260,961	5,007	213,204	342,232	2,795,617	39,092	3,958,512
District of Columbia	-	10,656	-	-	-	-	-	-	-	-	10,656
Delaware	-	1,212	-	-	-	-	-	-	-	-	1,212
Maryland	-	31,081	-	5,313	53,625	-	573	-	74,074	-	167,666
Virginia	-	13,781	-	8,820	68,718	-	-	47,234	-	-	138,553
West Virginia	-	17,269	-	-	765	1,575	-	-	7,601	-	19,609
North Carolina	-	10,531	-	-	10,068	-	-	-	-	-	28,200
South Carolina	-	719	-	3,321	378	-	-	-	-	-	719
Georgia	-	4,539	-	-	-	-	-	-	-	-	8,218
Florida	-	10,948	-	-	-	-	-	-	-	-	10,948
South Atlantic	-	100,756	-	20,454	133,554	1,575	573	-	126,909	-	345,521
Kentucky	-	16,006	-	579	7,902	-	44,550	-	22,825	-	113,862
Tennessee	-	16,306	-	-	42,918	-	2,439	-	1,628	-	63,291
Alabama	-	3,185	-	-	7,080	-	-	-	-	-	10,268
Mississippi	-	406	-	3,408	16,779	-	-	2,101	23,648	-	46,542
Arkansas	-	8,284	-	-	1,479	-	-	-	-	-	9,723
Louisiana	-	8,069	-	30	1,866	-	-	-	6,589	-	16,564
Oklahoma	-	29,238	-	795	19,563	-	10,965	10,373	21,312	821	93,567
Texas	-	35,435	-	2,155	45,900	-	558	616	5,467	-	92,134
South Central	-	142,895	-	5,967	143,487	-	58,512	13,090	82,269	821	446,041
Montana	5	5,325	-	-	-	-	-	-	-	-	5,325
Idaho	-	6,750	-	-	2,886	-	-	605	353,716	-	363,957
Wyoming	-	2,750	-	-	-	-	-	-	12,199	-	14,949
Colorado	352	23,206	-	2,763	1,788	-	1,305	8,360	-	-	37,774
New Mexico	-	6,262	-	-	-	-	-	-	-	-	6,262
Arizona	-	4,838	-	-	5,783	-	-	341	231	714	9,907
Utah	-	19,281	-	-	1,911	-	-	-	52,613	-	73,805
Nevada	-	600	-	-	-	-	-	-	-	-	600
Mountain	352	69,012	-	2,763	10,368	-	1,305	9,306	418,750	714	512,579
Washington	-	85,425	-	7,218	11,250	-	-	616	84,612	2,213	191,334
Oregon	-	24,362	-	3,282	6,624	-	35	1,078	41,954	-	77,915
California	-	381,156	-	19,521	138,381	-	-	2,926	284,911	60,404	887,299
Pacific	-	493,543	-	30,021	156,255	-	35	4,620	411,477	62,617	1,156,548
UNITED STATES	16,336	2,350,746	-	503,535	1,557,549	22,638	463,797	517,737	9,775,535	267,106	15,472,979

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, 1.1; 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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