

DAIRY PRODUCTS

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of Agriculture

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APRIL HIGHLIGHTS

Butter production was 98.5 million pounds in April, 1 percent more than March but 2 percent less than April 1977.

American type cheese totaled 191 million pounds, 4 percent above March 1978 but 2 percent below a year earlier.

Total cheese output (excluding cottage cheese) was 306 million pounds, down 2 percent from the previous month but up 1 percent from the previous year.

Creamed cottage cheese, 75.5 million pounds, down 2 percent from a year ago.

Lowfat cottage cheese, 12.8 million pounds, 6 percent more than April 1977.

Canned evaporated and condensed whole milk, 68.9 million pounds, down 16 percent from a year earlier.

Frozen desserts: (Comparisons with April 1977)

Ice cream--65.3 million gallons, down 3 percent.

Ice milk--25.7 million gallons, down 2 percent.

Sherbet--4.19 million gallons, unchanged.

Dry milk products: (Comparisons with April 1977)

Nonfat dry milk for human food--96.4 million pounds, down 10 percent.

Dry whole milk--7.45 million pounds, up 18 percent.

Dry buttermilk--4.84 million pounds, down 19 percent.

MANUFACTURING GRADE MILK PRICES RISE DURING APRIL

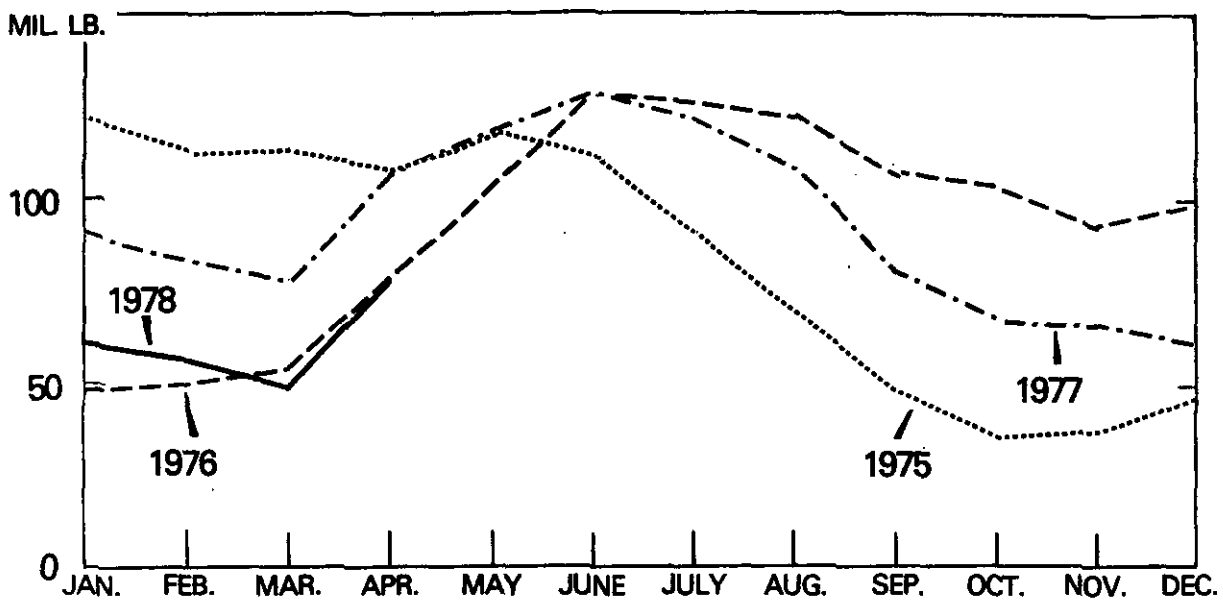
Butter-powder, \$9.23, up 11 cents from March, and 63 cents above April 1977.

American cheese, \$9.35, an increase of 7 cents from the previous month and 65 cents above the previous year.

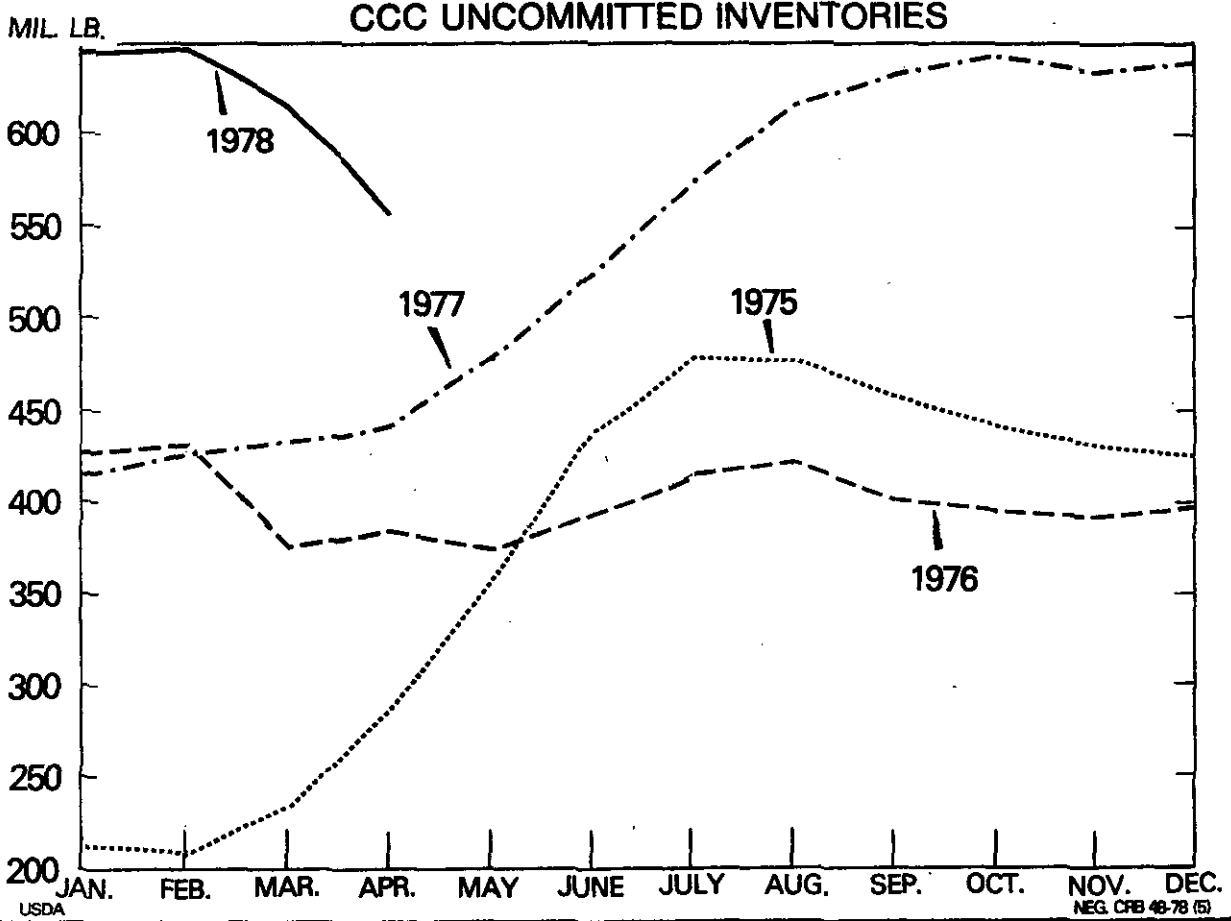
Miscellaneous cheese, \$9.51, up 6 cents from March, and 57 cents higher than April 1977.

Evaporated milk (canned), \$8.94, unchanged from the previous month, but 65 cents above the previous year.

U.S. NONFAT DRY MILK MANUFACTURERS' STOCKS



CCC UNCOMMITTED INVENTORIES



PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, APRIL 1978

| PRODUCT | APR 1976 | APR 1977 | MAR 1978 | APR 1978 | PERCENT OF | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | APR 1977 | MAR 1978 |
| 1,000 POUNDS | | | | | PERCENT | |
| BUTTER | 87,021 | 100,446 | 97,720 | 98,506 | 98 | 101 |
| CHEESE: | | | | | | |
| AMERICAN TYPES 1/ | 189,732 | 193,751 | 182,934 | 190,839 | 98 | 104 |
| SWISS | 15,346 | 17,035 | 18,346 | 18,681 | 110 | 102 |
| BRICK AND MUNSTER | 6,265 | 6,316 | 5,949 | 5,879 | 93 | 99 |
| CREAM AND NEUFCHATEL | 12,190 | 12,074 | 21,921 | 11,295 | 94 | 52 |
| BLUE | 2,362 | 2,751 | 2,982 | 3,079 | 112 | 103 |
| MOZZARELLA | 41,678 | 45,271 | 49,598 | 50,286 | 111 | 101 |
| OTHER ITALIAN TYPES | 22,395 | 20,069 | 25,626 | 21,887 | 109 | 85 |
| TOTAL ITALIAN TYPES | 64,073 | 65,340 | 75,224 | 72,173 | 110 | 96 |
| ALL OTHER TYPES 2/ | 4,778 | 4,624 | 4,440 | 4,288 | 93 | 97 |
| TOTAL | 294,746 | 301,891 | 311,796 | 306,234 | 101 | 98 |
| COTTAGE CHEESE, CURD 3/ | 62,431 | 62,256 | 63,990 | 59,574 | 96 | 93 |
| COTTAGE CHEESE, CREAMED 4/ | 75,817 | 77,344 | 80,410 | 75,478 | 98 | 94 |
| COTTAGE CHEESE, LOWFAT 5/ | 12,010 | 12,060 | 13,999 | 12,773 | 106 | 91 |
| CANNED EVAPORATED AND CONDENSED WHOLE MILK | 90,380 | 81,612 | 67,276 | 68,889 | 84 | 102 |
| DRY WHOLE MILK | 7,332 | 6,317 | 7,125 | 7,450 | 118 | 105 |
| NONFAT DRY MILK FOR HUMAN FOOD | 91,640 | 107,074 | 84,431 | 96,414 | 90 | 114 |
| DRY SKIM MILK FOR ANIMAL FEED | 465 | 728 | 626 | 483 | 66 | 77 |
| DRY BUTTERMILK | 3,907 | 5,961 | 4,753 | 4,841 | 81 | 102 |
| | | | | | | |
| | | | | | | |
| 1,000 GALLONS | | | | | PERCENT | |
| ICE CREAM | 70,754 | 67,596 | 70,735 | 65,320 | 97 | 92 |
| ICE MILK | 26,002 | 26,243 | 23,872 | 25,701 | 98 | 108 |
| SHERBET | 4,444 | 4,197 | 4,041 | 4,193 | 100 | 104 |
| MELLORINE-TYPE FROZEN DESSERTS 6/ | 2,151 | 1,694 | 1,563 | 1,704 | 101 | 109 |

1/ WHOLE MILK CHEESE, INCLUDING CHEDDAR, COLBY, WASHED CURD, STIRRED CURD, MONTEREY AND JACK.

2/ INCLUDES LIMBURGER FORMERLY PUBLISHED SEPARATELY.

3/ MOSTLY USED FOR PROCESSING INTO CREAMED OR LOWFAT COTTAGE CHEESE.

4/ FAT CONTENT 4 PERCENT OR MORE.

5/ FAT CONTENT LESS THAN 4 PERCENT.

6/ MADE WITH FATS AND OILS OTHER THAN MILKFAT.

ESTIMATES IN THIS REPORT ARE BASED ON DATA PROVIDED BY MANUFACTURERS OF DAIRY PRODUCTS TO THE ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE. IN ADDITION, STATE DEPARTMENTS OF AGRICULTURE IN 32 STATES ASSIST IN COLLECTING DATA. DATA ARE COLLECTED BY MAIL, PERSONAL AND TELEPHONE INTERVIEWS FOLLOWING THE CLOSE OF EACH MONTH. REPORTS ARE RECEIVED FROM ALL DAIRY PLANTS IN THOSE STATES WITH SMALL NUMBERS OF PLANTS, BUT IN STATES WITH LARGE NUMBERS OF PLANTS, SURVEY PROCEDURES ARE DESIGNED TO OBTAIN REPORTS FROM ALL PLANTS IN THE LARGER SIZE STRATA AND FROM A SAMPLE OF PLANTS IN THE SMALLER SIZE STRATA. ESTIMATES ARE BASED UPON RETURNS FROM ABOUT 70 PERCENT OF PLANTS WHICH ACCOUNT FOR 75 TO 90 PERCENT OF THE TOTAL PRODUCTION OF MAJOR DAIRY PRODUCTS.

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS, AND PRICES,
UNITED STATES, APRIL 1978

| PRODUCT | APR 1977 | MAR 1978 ^{1/} | APR 1978 | PERCENT OF | |
|--|---------------------|---------------------------|---------------|-------------|-------------|
| | | | | APR 1977 | MAR 1978 |
| PRODUCTION | | | | | |
| 1,000 POUNDS | | | | | |
| PERCENT | | | | | |
| CONDENSED WHEY, SOLIDS CONTENT ^{2/} | | | | | |
| SWEET-TYPE, HUMAN FOOD | 9,680 | 12,071 | 9,458 | 98 | 78 |
| SWEET-TYPE, ANIMAL FEED | ^{8/} 1,176 | 2,399 | 2,455 | 209 | 102 |
| ACID-TYPE, HUMAN FOOD AND ANIMAL FEED | 1,342 | 1,043 | 1,049 | 78 | 101 |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY, HUMAN FOOD | 43,254 | 48,091 | 49,416 | 114 | 103 |
| DRY WHEY, ANIMAL FEED | 17,800 | 13,508 | 18,483 | 104 | 137 |
| PARTIALLY DELACTOSED | | | | | |
| HUMAN FOOD | 2,440 | 2,627 | 2,848 | 117 | 108 |
| ANIMAL FEED | 9,007 | 11,909 | 10,789 | 120 | 91 |
| PARTIALLY DEMINERALIZED | | | | | |
| HUMAN FOOD | 1,946 | 2,821 | 622 | 32 | 22 |
| ANIMAL FEED | ^{4/} | ^{3/} | ^{3/} | | |
| PARTIALLY DELACTOSED/DEMINERALIZED, HUMAN FOOD | 768 | 831 | 746 | 97 | 90 |
| PARTIALLY DELACTOSED/DEMINERALIZED, ANIMAL FEED | ^{4/} | ^{4/} | ^{4/} | | |
| LACTOSE, HUMAN FOOD | 8,566 | 10,403 | 8,925 | 104 | 86 |
| LACTOSE, ANIMAL FEED | ^{8/} 415 | 817 | 492 | 119 | 60 |
| WHEY SOLIDS IN WET BLENDS | | | | | |
| HUMAN FOOD | 1,947 | 3,423 | 3,065 | 157 | 90 |
| ANIMAL FEED | 3,080 | 4,461 | 4,063 | 132 | 91 |
| MANUFACTURERS' STOCKS, END-OF-MONTH ^{5/} | | | | | |
| 1,000 POUNDS | | | | | |
| PERCENT | | | | | |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY AND PARTIALLY DELACTOSED | | | | | |
| HUMAN FOOD ^{6/} | 34,957 | 35,262 | 41,293 | 118 | 117 |
| ANIMAL FEED ^{6/} | 19,888 | 13,625 | 23,925 | 120 | 176 |
| PARTIALLY DEMINERALIZED HUMAN FOOD | 1,765 | 2,091 | 1,414 | 80 | 68 |
| PARTIALLY DELACTOSED/DEMINERALIZED, HUMAN FOOD | 2,099 | 797 | 780 | 37 | 98 |
| PARTIALLY DELACTOSED/DEMINERALIZED, ANIMAL FEED | ^{4/} | ^{4/} | ^{4/} | | |
| LACTOSE, HUMAN FOOD | 9,581 | 5,985 | 6,583 | 69 | 110 |
| LACTOSE, ANIMAL FEED | 2,231 | ^{4/} | ^{4/} | | |
| MANUFACTURERS' SELLING PRICE ^{7/} | | | | | |
| CENTS PER POUND | | | | | |
| CENTS CHANGE | | | | | |
| CONDENSED WHEY SOLIDS ^{2/} | | | | | |
| SWEET-TYPE, HUMAN FOOD | 4.7 | 7.2 | 7.3 | +2.6 | +1 |
| SWEET-TYPE, ANIMAL FEED | ^{8/} 2.5 | 1.3 | 1.4 | -1.1 | +1 |
| ACID-TYPE, HUMAN FOOD | ^{4/} | ^{3/} | ^{3/} | | |
| ACID-TYPE, ANIMAL FEED | ^{4/} | 6.9 | ^{4/} | | |
| DRY WHEY, HUMAN FOOD | 7.9 | 14.6 | 11.9 | +4.0 | -2.7 |
| DRY WHEY, ANIMAL FEED | 6.5 | 11.3 | 10.3 | +3.8 | -1.0 |

^{1/} REVISED.

^{2/} FINAL MARKETABLE PRODUCT ONLY. DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED WHEY PRODUCTS.

^{3/} NONE REPORTED.

^{4/} NOT PUBLISHED TO AVOID DISCLOSURE OF INDIVIDUAL PLANT OPERATIONS.

^{5/} STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT.

^{6/} DRY WHEY AND PARTIALLY DELACTOSED WHEY STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

^{7/} PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

^{8/} REVISED 1977 DATA BASED ON MORE COMPLETE INFORMATION.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1976-78

| MONTH | BY MONTH | | | | CUMULATIVE | | | |
|-------------------------------|--------------|---------|---------|-----------------|--------------|-----------|---------|-----------------|
| | 1976 | 1977 | 1978 | 1978 | 1976 | 1977 | 1978 | 1978 |
| | 1,000 POUNDS | | | AS % OF 1977 | 1,000 POUNDS | | | AS % OF 1977 |
| BUTTER | | | | PERCENT | | | | PERCENT |
| JAN | 92,519 | 105,624 | 108,336 | 103 | 92,519 | 105,624 | 108,336 | 103 |
| FEB | 84,961 | 96,205 | 95,682 | 99 | 177,480 | 201,829 | 204,018 | 101 |
| MAR | 90,021 | 98,397 | 97,720 | 99 | 267,501 | 300,226 | 301,738 | 101 |
| APR | 87,021 | 100,446 | 98,506 | 98 | 354,522 | 400,672 | 400,244 | 100 |
| MAY | 91,397 | 103,905 | | | 445,919 | 504,577 | | |
| JUN | 83,937 | 95,049 | | | 529,856 | 599,626 | | |
| JUL | 71,487 | 84,226 | | | 601,343 | 683,852 | | |
| AUG | 65,074 | 78,201 | | | 666,417 | 762,053 | | |
| SEP | 64,046 | 75,501 | | | 730,463 | 837,554 | | |
| OCT | 78,072 | 84,934 | | | 808,535 | 922,488 | | |
| NOV | 77,551 | 81,752 | | | 886,086 | 1,004,240 | | |
| DEC | 92,545 | 89,319 | | | 978,631 | 1,093,559 | | |
| AMERICAN CHEESE | | | | | | | | |
| JAN | 148,341 | 166,812 | 163,578 | 98 | 148,341 | 166,812 | 163,578 | 98 |
| FEB | 147,166 | 158,795 | 154,279 | 97 | 295,507 | 325,607 | 317,857 | 98 |
| MAR | 169,351 | 183,408 | 182,934 | 100 | 464,858 | 509,015 | 500,791 | 98 |
| APR | 189,732 | 193,751 | 190,839 | 98 | 654,590 | 702,766 | 691,630 | 98 |
| MAY | 207,796 | 211,919 | | | 862,386 | 914,685 | | |
| JUN | 209,670 | 200,271 | | | 1,072,056 | 1,114,956 | | |
| JUL | 189,378 | 176,207 | | | 1,261,434 | 1,291,163 | | |
| AUG | 178,234 | 162,726 | | | 1,439,668 | 1,453,889 | | |
| SEP | 155,623 | 142,763 | | | 1,595,291 | 1,596,652 | | |
| OCT | 151,280 | 145,224 | | | 1,746,571 | 1,741,876 | | |
| NOV | 146,797 | 136,000 | | | 1,893,368 | 1,877,876 | | |
| DEC | 169,076 | 157,843 | | | 2,062,444 | 2,035,719 | | |
| CREAMED COTTAGE CHEESE | | | | | | | | |
| JAN | 69,330 | 69,932 | 68,777 | 98 | 69,330 | 69,932 | 68,777 | 98 |
| FEB | 68,466 | 69,499 | 67,919 | 98 | 137,796 | 139,431 | 136,696 | 98 |
| MAR | 82,157 | 81,545 | 80,410 | 99 | 219,953 | 220,976 | 217,106 | 98 |
| APR | 75,817 | 77,344 | 75,478 | 98 | 295,770 | 298,320 | 292,584 | 98 |
| MAY | 76,419 | 78,172 | | | 372,189 | 376,492 | | |
| JUN | 78,235 | 77,625 | | | 450,424 | 454,117 | | |
| JUL | 75,937 | 74,790 | | | 526,361 | 528,907 | | |
| AUG | 74,428 | 76,631 | | | 600,789 | 605,538 | | |
| SEP | 73,089 | 72,223 | | | 673,878 | 677,761 | | |
| OCT | 69,534 | 69,527 | | | 743,412 | 747,288 | | |
| NOV | 67,871 | 69,353 | | | 811,283 | 816,641 | | |
| DEC | 63,322 | 63,545 | | | 874,605 | 880,186 | | |
| LOWFAT COTTAGE CHEESE | | | | | | | | |
| JAN | 10,987 | 11,386 | 11,548 | 101 | 10,987 | 11,386 | 11,548 | 101 |
| FEB | 10,637 | 10,776 | 11,174 | 104 | 21,162 | 22,162 | 22,722 | 103 |
| MAR | 12,712 | 12,833 | 13,999 | 109 | 34,336 | 34,995 | 36,721 | 105 |
| APR | 12,010 | 12,060 | 12,773 | 106 | 46,346 | 47,055 | 49,494 | 105 |
| MAY | 11,980 | 12,056 | | | 58,326 | 59,111 | | |
| JUN | 12,240 | 12,221 | | | 70,566 | 71,332 | | |
| JUL | 11,790 | 11,229 | | | 82,356 | 82,561 | | |
| AUG | 11,270 | 12,154 | | | 93,626 | 94,715 | | |
| SEP | 11,428 | 11,145 | | | 105,054 | 105,860 | | |
| OCT | 10,729 | 10,919 | | | 115,783 | 116,779 | | |
| NOV | 10,304 | 10,655 | | | 126,087 | 127,434 | | |
| DEC | 9,277 | 10,334 | | | 135,364 | 137,768 | | |

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1976-78

| MONTH | BY MONTH | | | | CUMULATIVE | | | |
|--------------------------------------|---------------|--------|---------|-------------------------|---------------|---------|---------|-------------------------|
| | 1976 | 1977 | 1978 | 1978 AS % OF 1977 | 1976 | 1977 | 1978 | 1978 AS % OF 1977 |
| | 1,000 GALLONS | | PERCENT | | 1,000 GALLONS | | PERCENT | |
| ICE CREAM | | | | | | | | |
| JAN | 54,545 | 51,547 | 52,459 | 102 | 54,545 | 51,547 | 52,459 | 102 |
| FEB | 57,430 | 55,516 | 56,472 | 102 | 111,975 | 107,063 | 108,931 | 102 |
| MAR | 73,715 | 72,048 | 70,735 | 98 | 185,690 | 179,111 | 179,666 | 100 |
| APR | 70,754 | 67,596 | 65,320 | 97 | 256,444 | 246,707 | 244,986 | 99 |
| MAY | 70,162 | 69,352 | | | 326,606 | 316,059 | | |
| JUN | 83,731 | 81,699 | | | 410,337 | 397,758 | | |
| JUL | 82,454 | 79,122 | | | 492,791 | 476,880 | | |
| AUG | 79,143 | 83,390 | | | 571,934 | 560,270 | | |
| SEP | 74,132 | 74,090 | | | 646,066 | 634,360 | | |
| OCT | 59,783 | 60,911 | | | 705,849 | 695,271 | | |
| NOV | 57,165 | 57,924 | | | 763,014 | 753,195 | | |
| DEC | 54,876 | 54,684 | | | 817,890 | 807,879 | | |
| ICE MILK | | | | | | | | |
| JAN | 15,304 | 15,535 | 14,046 | 90 | 15,304 | 15,535 | 14,046 | 90 |
| FEB | 17,523 | 17,313 | 16,332 | 94 | 32,827 | 32,848 | 30,387 | 92 |
| MAR | 24,501 | 24,948 | 23,872 | 96 | 57,328 | 57,796 | 54,250 | 94 |
| APR | 26,002 | 26,243 | 25,701 | 98 | 83,330 | 84,039 | 79,951 | 95 |
| MAY | 28,067 | 30,054 | | | 111,397 | 114,093 | | |
| JUN | 32,324 | 33,395 | | | 143,721 | 147,488 | | |
| JUL | 33,212 | 34,028 | | | 176,933 | 181,516 | | |
| AUG | 31,349 | 32,872 | | | 208,282 | 214,388 | | |
| SEP | 25,148 | 26,442 | | | 233,430 | 240,830 | | |
| OCT | 19,909 | 21,162 | | | 253,339 | 261,992 | | |
| NOV | 16,246 | 18,031 | | | 269,585 | 280,023 | | |
| DEC | 15,649 | 15,654 | | | 285,234 | 295,677 | | |
| SHERBET | | | | | | | | |
| JAN | 3,015 | 2,836 | 3,012 | 106 | 3,015 | 2,836 | 3,012 | 106 |
| FEB | 3,013 | 2,910 | 2,745 | 94 | 6,028 | 5,746 | 5,757 | 100 |
| MAR | 4,310 | 4,144 | 4,041 | 98 | 10,338 | 9,890 | 9,798 | 99 |
| APR | 4,444 | 4,197 | 4,193 | 100 | 14,782 | 14,087 | 13,991 | 99 |
| MAY | 4,771 | 4,871 | | | 19,553 | 18,958 | | |
| JUN | 5,966 | 5,738 | | | 25,519 | 24,696 | | |
| JUL | 5,755 | 5,705 | | | 31,274 | 30,401 | | |
| AUG | 5,045 | 5,660 | | | 36,319 | 36,061 | | |
| SEP | 4,215 | 4,421 | | | 40,534 | 40,482 | | |
| OCT | 3,088 | 3,290 | | | 43,622 | 43,772 | | |
| NOV | 2,873 | 2,933 | | | 46,495 | 46,705 | | |
| DEC | 3,094 | 3,027 | | | 49,589 | 49,732 | | |
| MELLORINE-TYPE FROZEN DESSERT | | | | | | | | |
| JAN | 1,795 | 1,281 | 1,174 | 92 | 1,795 | 1,281 | 1,174 | 92 |
| FEB | 1,765 | 1,463 | 1,233 | 84 | 3,560 | 2,744 | 2,407 | 88 |
| MAR | 2,275 | 1,917 | 1,563 | 82 | 5,835 | 4,661 | 3,970 | 85 |
| APR | 2,151 | 1,694 | 1,704 | 101 | 7,986 | 6,355 | 5,674 | 89 |
| MAY | 2,100 | 1,840 | | | 10,086 | 8,195 | | |
| JUN | 2,463 | 2,097 | | | 12,549 | 10,292 | | |
| JUL | 2,403 | 1,876 | | | 14,952 | 12,168 | | |
| AUG | 2,253 | 1,973 | | | 17,205 | 14,141 | | |
| SEP | 2,085 | 1,692 | | | 19,290 | 15,833 | | |
| OCT | 1,628 | 1,360 | | | 20,918 | 17,193 | | |
| NOV | 1,249 | 1,168 | | | 22,167 | 18,361 | | |
| DEC | 1,117 | 982 | | | 23,284 | 19,343 | | |

PRODUCTION OF NONFAT DRY MILK FOR HUMAN FOOD: BY MONTHS, UNITED STATES, 1976-78

| MONTH | BY MONTHS | | | | CUMULATIVE | | | |
|-------|--------------|---------|--------|-------------------------|--------------|-----------|---------|-------------------------|
| | 1976 | 1977 | 1978 | 1978 AS % OF 1977 | 1976 | 1977 | 1978 | 1978 AS % OF 1977 |
| | 1,000 POUNDS | | | PERCENT | 1,000 POUNDS | | | PERCENT |
| JAN | 61,084 | 71,474 | 79,703 | 112 | 61,084 | 71,474 | 79,703 | 112 |
| FEB | 68,425 | 72,273 | 70,617 | 98 | 129,509 | 143,747 | 150,320 | 105 |
| MAR | 78,836 | 87,502 | 84,431 | 96 | 208,345 | 231,249 | 234,751 | 102 |
| APR | 91,640 | 107,074 | 96,414 | 90 | 299,985 | 338,323 | 331,165 | 98 |
| MAY | 105,513 | 119,570 | | | 405,498 | 457,893 | | |
| JUN | 108,078 | 132,718 | | | 513,576 | 590,611 | | |
| JUL | 96,278 | 120,680 | | | 609,854 | 711,291 | | |
| AUG | 76,193 | 100,569 | | | 686,047 | 811,860 | | |
| SEP | 56,087 | 78,405 | | | 742,134 | 890,265 | | |
| OCT | 56,480 | 71,530 | | | 798,614 | 961,795 | | |
| NOV | 53,901 | 65,945 | | | 852,515 | 1,027,740 | | |
| DEC | 73,668 | 77,451 | | | 926,183 | 1,105,191 | | |

BUTTER: PRODUCTION BY STATES, APRIL 1978

| STATE | APR 1976 | APR 1977 | MAR 1978 | APR 1978 | PERCENT OF | |
|---------|--------------|----------|----------|----------|------------|----------|
| | 1,000 POUNDS | | | | APR 1977 | MAR 1978 |
| | | | | | PERCENT | |
| CALIF | 12,676 | 13,212 | 12,650 | 11,900 | 90 | 94 |
| IDAHO | 696 | 605 | 511 | 590 | 98 | 115 |
| ILL | 1,078 | 910 | 850 | 250 | 27 | 29 |
| IND | 2,212 | 1,277 | 1,274 | 1,064 | 83 | 84 |
| IOWA | 3,445 | 5,100 | 4,450 | 4,000 | 78 | 90 |
| KANS | 1,132 | 1,644 | 1,269 | 1,098 | 67 | 87 |
| KY | 1,604 | 1,463 | 1,221 | 930 | 64 | 76 |
| MICH | 2,713 | 2,900 | 2,870 | 3,100 | 107 | 108 |
| MINN | 17,307 | 18,880 | 16,330 | 17,255 | 91 | 106 |
| MO | 1,961 | 2,275 | 2,161 | 2,002 | 88 | 93 |
| NEBR | 1,421 | 1,313 | 1,197 | 1,085 | 83 | 91 |
| N Y | 2,840 | 4,330 | 2,911 | 4,990 | 115 | 171 |
| N DAK | 717 | 590 | 593 | 572 | 97 | 96 |
| OHIO | 1,709 | 3,218 | 3,343 | 2,782 | 86 | 83 |
| OKLA | 1,842 | 2,106 | 2,776 | 2,036 | 97 | 73 |
| OREG | 1,077 | 1,250 | 1,300 | 1,400 | 112 | 108 |
| PA | 2,089 | 2,940 | 3,795 | 3,690 | 126 | 97 |
| S DAK | 880 | 939 | 932 | 873 | 93 | 94 |
| TENN | 1,326 | 2,399 | 2,357 | 2,241 | 93 | 95 |
| UTAH | 485 | 505 | 389 | 310 | 61 | 80 |
| VT | 985 | 546 | 278 | 612 | 112 | 220 |
| WASH | 2,542 | 2,718 | 2,442 | 2,791 | 103 | 114 |
| WIS | 19,691 | 24,000 | 24,700 | 26,300 | 110 | 106 |
| OTH STS | 4,593 | 5,326 | 7,121 | 6,635 | 125 | 93 |
| U S | 87,021 | 100,446 | 97,720 | 98,506 | 98 | 101 |

AMERICAN CHEESE: PRODUCTION BY STATES, APRIL 1978

| STATE | APR 1976 | APR 1977 | MAR 1978 | APR 1978 | PERCENT OF | |
|---------|--------------|----------|----------|----------|------------|----------|
| | 1,000 POUNDS | | | | APR 1977 | MAR 1978 |
| | | | | | PERCENT | |
| IDAHO | 5,211 | 5,500 | 5,705 | 5,411 | 98 | 95 |
| ILL | 2,329 | 875 | 678 | 590 | 67 | 87 |
| IND | 2,486 | 2,540 | 2,164 | 2,527 | 99 | 117 |
| IOWA | 10,372 | 8,600 | 7,350 | 9,000 | 105 | 122 |
| KANS | 3,287 | 3,278 | 2,069 | 2,520 | 77 | 122 |
| KY | 4,680 | 5,085 | 3,596 | 4,178 | 82 | 116 |
| MICH | 1,493 | 1,550 | 1,850 | 1,800 | 116 | 97 |
| MINN | 33,972 | 33,530 | 35,310 | 34,085 | 102 | 97 |
| MO | 4,688 | 5,820 | 3,550 | 4,950 | 85 | 139 |
| NEBR | 2,719 | 2,800 | 2,240 | 2,800 | 100 | 125 |
| N Y | 8,588 | 7,615 | 7,144 | 8,010 | 105 | 112 |
| N DAK | 4,706 | 4,900 | 4,302 | 4,400 | 90 | 102 |
| OHIO | 2,493 | 2,852 | 2,097 | 2,609 | 91 | 124 |
| S DAK | 3,863 | 3,950 | 3,744 | 3,678 | 93 | 98 |
| TENN | 2,150 | 2,259 | 1,094 | 1,928 | 85 | 176 |
| UTAH | 3,823 | 3,742 | 2,881 | 3,386 | 90 | 118 |
| VT | 1,705 | 1,515 | 2,022 | 2,166 | 143 | 107 |
| WIS | 74,797 | 78,800 | 79,600 | 79,800 | 101 | 100 |
| OTH STS | 16,370 | 18,540 | 15,538 | 17,001 | 92 | 109 |
| U S | 189,732 | 193,751 | 182,934 | 190,839 | 98 | 104 |

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, APRIL 1978

| PRODUCT | CCC PURCHASES (DELIVERY BASIS) | | | | UNCOMMITTED CCC INVENTORIES | |
|-----------------|--------------------------------|----------|----------------------------------|----------------------------------|-----------------------------|-----------|
| | APR 1977 | APR 1978 | OCT 1, 1976 THROUGH APR 30, 1977 | OCT 1, 1977 THROUGH APR 30, 1978 | APR 1977 | APR 1978 |
| | 1,000 POUNDS | | | | | |
| BUTTER | 25,880 | 24,367 | 140,442 | 91,847 | 109,985 | 1/230,488 |
| CHEESE | 6,585 | 1,867 | 92,597 | 7,289 | 39,113 | 1/34,135 |
| NONFAT DRY MILK | 37,259 | 27,601 | 183,810 | 160,121 | 440,970 | 1/551,076 |

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USES: BUTTER IN ONE-POUND PACKAGES, 70,737,000 POUNDS; PROCESSED CHEESE, 17,934,000 AND FORTIFIED NONFAT DRY MILK, 26,356,000.

ICE CREAM: PRODUCTION BY STATES, APRIL 1978

| STATE | APR | APR | MAR | APR | PERCENT OF | |
|---------------|--------|--------|--------|--------|------------|-----|
| | 1976 | 1977 | 1978 | 1978 | APR | MAR |
| 1,000 GALLONS | | | | | | |
| ALA | 1,168 | 1,160 | 1,153 | 1,113 | 96 | 97 |
| ARIZ | 634 | 515 | 555 | 517 | 100 | 93 |
| CALIF | 7,027 | 7,347 | 8,200 | 7,200 | 98 | 88 |
| COLO | 775 | 675 | 770 | 675 | 100 | 88 |
| CONN | 1,317 | 1,300 | 1,510 | 1,420 | 109 | 94 |
| FLA | 2,274 | 2,454 | 2,710 | 2,314 | 94 | 85 |
| GA | 679 | 482 | 514 | 487 | 101 | 95 |
| ILL | 3,894 | 3,050 | 3,090 | 2,740 | 90 | 89 |
| IND | 2,269 | 2,910 | 3,020 | 2,573 | 88 | 85 |
| IOWA | 1,045 | 750 | 1,075 | 890 | 119 | 83 |
| KANS | 668 | 592 | 468 | 326 | 55 | 70 |
| KY | 428 | 421 | 488 | 448 | 106 | 92 |
| LA | 894 | 860 | 795 | 720 | 84 | 91 |
| MD 1/ | 1,681 | 1,700 | 1,725 | 1,700 | 100 | 99 |
| MASS | 4,223 | 4,000 | 4,060 | 3,570 | 89 | 88 |
| MICH | 3,016 | 2,550 | 3,000 | 2,800 | 110 | 93 |
| MINN | 2,543 | 2,255 | 2,265 | 1,970 | 87 | 87 |
| MO | 1,631 | 1,450 | 1,375 | 1,315 | 91 | 96 |
| NEBR | 739 | 700 | 850 | 890 | 127 | 105 |
| N J | 1,385 | 1,172 | 912 | 851 | 73 | 93 |
| N Y | 5,254 | 4,925 | 5,543 | 5,153 | 105 | 93 |
| N C | 2,512 | 2,450 | 2,250 | 2,360 | 96 | 105 |
| OHIO | 4,294 | 3,940 | 4,420 | 3,700 | 94 | 84 |
| OKLA | 706 | 657 | 631 | 709 | 108 | 112 |
| OREG | 640 | 600 | 630 | 600 | 100 | 95 |
| PA | 5,919 | 6,060 | 5,725 | 5,510 | 91 | 96 |
| S C | 939 | 1,017 | 1,053 | 1,221 | 120 | 116 |
| TENN | 1,585 | 1,637 | 1,558 | 1,679 | 103 | 108 |
| TEX | 3,074 | 2,960 | 3,114 | 3,175 | 107 | 102 |
| UTAH | 574 | 555 | 650 | 577 | 104 | 89 |
| VA | 820 | 709 | 634 | 657 | 93 | 104 |
| WASH | 1,437 | 1,305 | 1,494 | 1,268 | 97 | 85 |
| WIS | 1,573 | 1,500 | 1,550 | 1,400 | 93 | 90 |
| OTH STS | 3,137 | 2,938 | 2,948 | 2,792 | 95 | 95 |
| U S | 70,754 | 67,596 | 70,735 | 65,320 | 97 | 92 |

1/ INCLUDES DISTRICT OF COLUMBIA.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST
FOR MILK USED PRIMARILY FOR CANNED EVAPORATED MILK
BY REGIONS. APRIL 1978

| REGION | PRICE PER 100 LB | | | MILKFAT | | | PRICE PER POUND | | |
|-----------------|------------------|------|------|---------|------|------|-----------------|------|------|
| | OF MILK 1/ | | | TEST | | | OF MILKFAT | | |
| | APR | MAR | APR | APR | MAR | APR | APR | MAR | APR |
| | 1977 | 1978 | 1978 | 1977 | 1978 | 1978 | 1977 | 1978 | 1978 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| NORTH CENTRAL | 8.33 | 8.84 | 8.79 | 3.41 | 3.68 | 3.57 | 2.44 | 2.40 | 2.46 |
| S ATL & CENTRAL | 8.07 | 8.95 | 8.94 | 3.48 | 3.66 | 3.53 | 2.32 | 2.45 | 2.53 |
| WEST | 8.57 | 9.12 | 9.19 | 3.43 | 3.63 | 3.49 | 2.50 | 2.51 | 2.63 |
| U S | 8.29 | 8.94 | 8.94 | 3.45 | 3.67 | 3.55 | 2.40 | 2.44 | 2.52 |

1/ AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,
STOCKS AND SELLING PRICES, APRIL 1978

| PRODUCT | APR | APR | MAR | APR | PERCENT OF | | |
|-------------------|--|---------|--------|--------|--------------|-------|--|
| | 1976 | 1977 4/ | 1978 | 1978 | APR | MAR | |
| | 1,000 POUNDS | | | | 1977 | 1978 | |
| | | | | | PERCENT | | |
| | MANUFACTURERS' SHIPMENTS 1/ | | | | | | |
| DRY WHOLE MILK | 6,140 | 4,888 | 5,598 | 4,740 | 97 | 85 | |
| NONFAT DRY MILK | | | | | | | |
| FOR HUMAN FOOD | 62,597 | 70,776 | 82,102 | 57,212 | 81 | 70 | |
| DRY SKIM MILK | | | | | | | |
| FOR ANIMAL FEED | 255 | 487 | 553 | 476 | 98 | 86 | |
| DRY BUTTERMILK, | | | | | | | |
| FOR HUMAN FOOD | 3,908 | 6,041 | 4,600 | 5,271 | 87 | 115 | |
| DRY BUTTERMILK, | | | | | | | |
| TOTAL | 3,964 | 6,253 | 4,715 | 5,397 | 86 | 114 | |
| | MANUFACTURERS' STOCKS, END-OF-MONTH 2/ | | | | | | |
| CANNED EVAPORATED | | | | | | | |
| AND CONDENSED | | | | | | | |
| WHOLE MILK | 76,764 | 66,429 | 52,066 | 57,379 | 86 | 110 | |
| DRY WHOLE MILK | | | | | | | |
| NONFAT DRY MILK | 9,222 | 10,026 | 6,120 | 7,267 | 72 | 119 | |
| FOR HUMAN FOOD | | | | | | | |
| DRY SKIM MILK | | | | | | | |
| FOR ANIMAL FEED | 79,080 | 107,761 | 49,784 | 79,134 | 73 | 159 | |
| DRY BUTTERMILK, | | | | | | | |
| TOTAL | 1,830 | 2,292 | 1,863 | 2,063 | 90 | 111 | |
| | 5,265 | 8,345 | 5,963 | 4,703 | 56 | 79 | |
| | MANUFACTURERS' SELLING PRICES 3/ | | | | | | |
| | CENTS PER POUNDS | | | | CHANGE-CENTS | | |
| DRY WHOLE MILK | 78.55 | 79.50 | 85.39 | 86.40 | +6.90 | +1.01 | |
| NONFAT DRY MILK | | | | | | | |
| FOR HUMAN FOOD | 63.06 | 65.64 | 68.01 | 70.49 | +4.85 | +2.48 | |
| DRY SKIM MILK | | | | | | | |
| FOR ANIMAL FEED | 36.76 | 30.05 | 31.06 | 29.27 | -.78 | -1.79 | |
| DRY BUTTERMILK | | | | | | | |
| FOR HUMAN FOOD | 59.26 | 49.80 | 59.80 | 62.13 | +12.33 | +2.33 | |
| DRY BUTTERMILK | | | | | | | |
| FOR ANIMAL FEED | 34.42 | 26.26 | 30.90 | 29.33 | +3.07 | -1.57 | |

1/ FOR DRY PRODUCTS, SHIPMENTS OF BULK GOODS ONLY.

2/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT.

3/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS, WEIGHTED BY SHIPMENTS OF EACH FIRM.

4/ REVISED.

THE TABLE OF "CANNED EVAPORATED WHOLE MILK: MANUFACTURERS' RANGE OF SELLING PRICES BY REGIONS" IS BEING DISCONTINUED. U S SELLING PRICES FOR CANNED EVAPORATED WHOLE MILK MAY BE FOUND IN THE DAIRY MARKET NEWS WEEKLY SUMMARY ISSUED BY THE FEDERAL-STATE MARKET NEWS SERVICE OF THE USDA, 801 WEST BADGER ROAD, MADISON, WISCONSIN 53713.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST
FOR MILK USED PRIMARILY FOR SPECIFIED USES, APRIL 1978

| PRIMARY USE | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|------------------------|------------------------------|----------|----------|--------------|----------|----------|----------------------------|----------|----------|
| | APR 1977 | MAR 1978 | APR 1978 | APR 1977 | MAR 1978 | APR 1978 | APR 1977 | MAR 1978 | APR 1978 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| <u>MILK FOR:</u> | | | | | | | | | |
| BUTTER AND BY-PRODUCTS | 8.60 | 9.12 | 9.23 | 3.58 | 3.64 | 3.62 | 2.40 | 2.51 | 2.55 |
| AMERICAN CHEESE | 8.70 | 9.28 | 9.35 | 3.65 | 3.70 | 3.66 | 2.38 | 2.51 | 2.55 |
| <u>MISC. CHEESE:</u> | | | | | | | | | |
| SWISS | 8.99 | 9.52 | 9.56 | 3.65 | 3.70 | 3.65 | 2.46 | 2.57 | 2.62 |
| BRICK & MUNSTER | 8.96 | 9.52 | 9.52 | 3.72 | 3.70 | 3.69 | 2.41 | 2.57 | 2.58 |
| ITALIAN | 8.90 | 9.41 | 9.49 | 3.70 | 3.72 | 3.70 | 2.41 | 2.53 | 2.56 |
| ALL OTHER | 8.96 | 9.40 | 9.44 | 3.75 | 3.73 | 3.70 | 2.39 | 2.52 | 2.55 |
| ALL MISC. CHEESE | 8.94 | 9.45 | 9.51 | 3.70 | 3.71 | 3.69 | 2.42 | 2.55 | 2.58 |
| ALL CHEESE | 8.77 | 9.33 | 9.39 | 3.66 | 3.70 | 3.67 | 2.40 | 2.52 | 2.56 |

1/ AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED PRIMARILY
FOR BUTTER AND AMERICAN CHEESE, BY STATES, APRIL 1978

| PRIMARY USE AND STATE | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|--|------------------------------|----------|----------|--------------|----------|----------|----------------------------|----------|----------|
| | APR 1977 | MAR 1978 | APR 1978 | APR 1977 | MAR 1978 | APR 1978 | APR 1977 | MAR 1978 | APR 1978 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| <u>MILK FOR BUTTER AND BY-PRODUCTS</u> | | | | | | | | | |
| CALIF | 8.68 | 9.00 | 9.47 | 3.72 | 3.89 | 3.88 | 2.33 | 2.31 | 2.44 |
| IOWA | 8.69 | 9.25 | 9.20 | 3.57 | 3.70 | 3.66 | 2.43 | 2.50 | 2.51 |
| MINN | 8.45 | 9.05 | 9.15 | 3.51 | 3.56 | 3.53 | 2.41 | 2.54 | 2.59 |
| S DAK | 8.60 | 9.16 | 9.18 | 3.49 | 3.63 | 3.56 | 2.46 | 2.52 | 2.58 |
| WIS | 8.98 | 9.40 | 9.53 | 3.76 | 3.77 | 3.78 | 2.39 | 2.49 | 2.52 |
| U S | 8.60 | 9.12 | 9.23 | 3.58 | 3.64 | 3.62 | 2.40 | 2.51 | 2.55 |
| <u>MILK FOR AMERICAN CHEESE</u> | | | | | | | | | |
| IDAHO | 8.80 | 9.35 | 9.35 | 3.47 | 3.63 | 3.51 | 2.54 | 2.58 | 2.66 |
| IOWA | 8.72 | 9.37 | 9.35 | 3.65 | 3.71 | 3.68 | 2.39 | 2.53 | 2.54 |
| KANS | 8.37 | 9.00 | 8.98 | 3.56 | 3.79 | 3.58 | 2.35 | 2.37 | 2.51 |
| KY | 7.95 | 8.90 | 8.69 | 3.52 | 3.80 | 3.59 | 2.26 | 2.34 | 2.42 |
| MINN | 8.49 | 9.13 | 9.27 | 3.54 | 3.60 | 3.56 | 2.40 | 2.54 | 2.60 |
| MO | 8.17 | 8.85 | 8.80 | 3.51 | 3.78 | 3.66 | 2.33 | 2.34 | 2.40 |
| NEBR | 8.45 | 9.10 | 9.04 | 3.56 | 3.78 | 3.61 | 2.37 | 2.41 | 2.50 |
| N DAK | 8.00 | 8.65 | 8.80 | 3.44 | 3.60 | 3.55 | 2.33 | 2.40 | 2.48 |
| S DAK | 8.59 | 9.13 | 9.18 | 3.56 | 3.68 | 3.63 | 2.41 | 2.48 | 2.53 |
| TENN | 7.86 | 8.42 | 8.47 | 3.74 | 3.88 | 3.75 | 2.10 | 2.17 | 2.26 |
| WIS | 8.96 | 9.52 | 9.62 | 3.75 | 3.77 | 3.75 | 2.39 | 2.53 | 2.57 |
| U S | 8.70 | 9.28 | 9.35 | 3.65 | 3.70 | 3.66 | 2.38 | 2.51 | 2.55 |

1/ AVERAGE PRICE TO PRODUCERS FOR MILK OF AVERAGE FAT TEST, F.O.B. PLANT OR RECEIVING STATION.

