

DAIRY PRODUCTS



Economics, Statistics, &
Cooperatives Service

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MAY HIGHLIGHTS

Butter production was 98.6 million pounds in May, 7 percent higher than April and 1 percent more than May 1978.

American type cheese totaled 211 million pounds, 10 percent above April and 1 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 340 million pounds, up 7 percent from the previous month and 2 percent above May last year.

Creamed cottage cheese, 77.0 million pounds, down 4 percent from a year ago.

Lowfat cottage cheese, 14.2 million pounds, 1 percent less than a year earlier.

Canned evaporated and condensed whole milk, 80.6 million pounds, down 3 percent from May 1978.

Frozen desserts: (Comparisons with May 1978)

Ice cream--73.2 million gallons, down 1 percent.

Ice milk--30.8 million gallons, down 4 percent.

Sherbet--4.57 million gallons, down 4 percent.

Dry milk products: (Comparisons with May 1978)

Nonfat dry milk for human food--105 million pounds, up 1 percent.

Dry whole milk--8.25 million pounds, up 1 percent.

Dry buttermilk--4.54 million pounds, up 1 percent.

MANUFACTURING GRADE MILK PRICES STEADY

Butter-powder, \$10.63, unchanged from April, but \$1.44 above May 1978.

American cheese, \$10.84, an increase of 1 cent from the previous month and \$1.52 above the previous year.

Miscellaneous cheese, \$11.02, up 2 cents from April, and \$1.53 higher than May 1978.

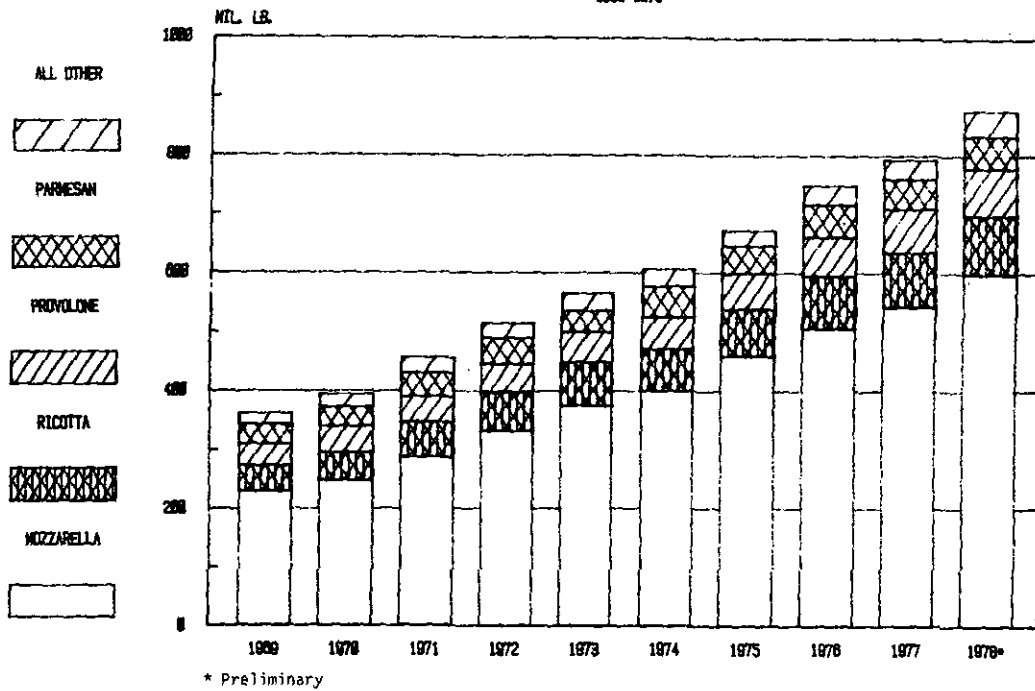
Evaporated milk (canned), \$10.28, unchanged from April, but \$1.39 higher than the previous year.

IN THIS ISSUE

Monthly production data have been revised for 1978, and in some cases for 1977, based on an annual review using reports for all dairy plants. The revisions are published in the annual report, Dairy Products, 1978, which is available on request.

U.S. ITALIAN CHEESE PRODUCTION

1969-1978



UNITED STATES ITALIAN CHEESE PRODUCTION

| YEAR | MOZZARELLA AND SIMILARS | RICOTTA AND SIMILARS | PROVOLONE AND SIMILARS | PARMESAN AND SIMILARS | OTHER ITALIAN | TOTAL ITALIAN CHEESE |
|--------------|-------------------------------|----------------------------|------------------------------|-----------------------------|------------------|----------------------------|
| 1,000 POUNDS | | | | | | |
| 1969 | 226,709 | 44,241 | 38,730 | 30,176 | 21,398 | 361,254 |
| 1970 | 244,486 | 49,668 | 43,847 | 31,796 | 23,871 | 393,668 |
| 1971 | 287,511 | 58,063 | 42,684 | 39,183 | 25,775 | 453,216 |
| 1972 | 330,826 | 65,400 | 47,708 | 43,648 | 24,561 | 512,143 |
| 1973 | 374,768 | 72,006 | 53,501 | 35,190 | 29,805 | 565,270 |
| 1974 | 398,429 | 71,209 | 56,292 | 50,741 | 29,425 | 606,096 |
| 1975 | 457,643 | 81,275 | 57,864 | 47,102 | 27,976 | 671,860 |
| 1976 | 505,176 | 88,567 | 66,353 | 54,309 | 33,000 | 747,405 |
| 1977 | 544,035 | 89,680 | 73,872 | 53,175 | 32,727 | 793,489 |
| 1978 | 599,186 | 98,425 | 78,914 | 56,919 | 41,866 | 875,310 |

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, MAY 1979

| PRODUCT | MAY | MAY | APR | MAY | PERCENT OF | |
|-----------------------------------|------------------|---------|---------|---------|------------|----------|
| | 1977 | 1978 | 1979 | 1979 | MAY 1978 | APR 1979 |
| | 1,000 POUNDS | | | | PERCENT | |
| BUTTER | 103,180 | 97,559 | 92,360 | 98,594 | 101 | 107 |
| CHEESE: | | | | | | |
| AMERICAN TYPES <u>1/</u> | 212,116 | 208,719 | 192,021 | 210,580 | 101 | 110 |
| SWISS | 19,114 | 19,745 | 18,147 | 20,526 | 104 | 113 |
| BRICK AND MUNSTER | 5,581 | 6,526 | 6,264 | 6,786 | 104 | 108 |
| CREAM AND NEUFCHATEL | 12,190 | 13,701 | 14,074 | 13,357 | 97 | 95 |
| BLUE | 2,895 | 3,237 | 2,756 | 2,947 | 91 | 107 |
| MOZZARELLA | 48,647 | 51,836 | 55,295 | 56,826 | 110 | 103 |
| OTHER ITALIAN TYPES | 21,630 | 24,813 | 25,060 | 24,344 | 98 | 97 |
| TOTAL ITALIAN TYPES | 70,277 | 76,649 | 80,355 | 81,170 | 106 | 101 |
| ALL OTHER TYPES <u>2/</u> | 3,940 | 4,297 | 4,103 | 4,298 | 100 | 105 |
| TOTAL | 326,113 | 332,874 | 317,720 | 339,664 | 102 | 107 |
| COTTAGE CHEESE, CURD <u>3/</u> | 60,684 | 63,625 | 56,238 | 60,507 | 95 | 108 |
| COTTAGE CHEESE, CREAMED <u>4/</u> | 78,441 | 80,276 | 72,372 | 76,997 | 96 | 106 |
| COTTAGE CHEESE, LOWFAT <u>5/</u> | 12,232 | 14,442 | 13,164 | 14,241 | 99 | 108 |
| CANNED EVAPORATED AND | | | | | | |
| CONDENSED WHOLE MILK | <u>7/</u> 86,586 | 82,804 | 71,969 | 80,619 | 97 | 112 |
| DRY WHOLE MILK | 7,521 | 8,204 | 9,317 | 8,254 | 101 | 89 |
| NONFAT DRY MILK | | | | | | |
| FOR HUMAN FOOD | 119,929 | 103,611 | 87,786 | 104,846 | 101 | 119 |
| DRY SKIM MILK | | | | | | |
| FOR ANIMAL FEED | 765 | 748 | 594 | 550 | 74 | 93 |
| DRY BUTTERMILK | 5,216 | 4,491 | 4,205 | 4,536 | 101 | 108 |
| | 1,000 GALLONS | | | | PERCENT | |
| ICE CREAM | 71,226 | 73,767 | 68,368 | 73,185 | 99 | 107 |
| ICE MILK | 32,087 | 32,092 | 24,736 | 30,831 | 96 | 125 |
| SHERBET | 4,868 | 4,745 | 4,065 | 4,573 | 96 | 112 |
| MELLORINE-TYPE | | | | | | |
| FROZEN DESSERTS <u>6/</u> | 1,802 | 1,664 | 1,417 | 1,550 | 93 | 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.

7/ SEE PAGE 8 FOR CORRECTION TO 1977 DATA PUBLISHED INCORRECTLY IN THE 1978 ANNUAL DAIRY PRODUCTS RELEASE.

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, MAY 1979

| PRODUCT | MAY | APR | MAY | PERCENT OF | |
|--|---|--------------------|---------------|--------------|------|
| | 1978 | 1979 ^{1/} | 1979 | MAY | APR |
| | PRODUCTION | | | PERCENT | |
| | 1,000 POUNDS | | | | |
| CONDENSED WHEY, SOLIDS CONTENT ^{2/} | | | | | |
| SWEET-TYPE, HUMAN FOOD | 10,916 | 8,195 | 9,376 | 86 | 114 |
| SWEET-TYPE, ANIMAL FEED | 2,209 | 2,414 | 2,176 | 99 | 90 |
| ACID-TYPE, HUMAN FOOD AND ANIMAL FEED | 1,075 | 643 | 755 | 70 | 117 |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY, HUMAN FOOD | 48,238 | 47,570 | 49,967 | 104 | 105 |
| DRY WHEY, ANIMAL FEED | 23,098 | 19,904 | 21,302 | 92 | 107 |
| PARTIALLY DELACTOSED | | | | | |
| HUMAN FOOD | 3,051 | 3,733 | 4,015 | 132 | 108 |
| ANIMAL FEED | 11,832 | 7,457 | 7,608 | 64 | 102 |
| PARTIALLY DEMINERALIZED | | | | | |
| HUMAN FOOD | 2,602 | 2,283 | 2,390 | 92 | 105 |
| ANIMAL FEED | ^{3/} | ^{3/} | ^{3/} | | |
| PARTIALLY DELACTOSED/DEMINERALIZED, | | | | | |
| HUMAN FOOD | 854 | 879 | 1,023 | 120 | 116 |
| ANIMAL FEED | ^{4/} | ^{4/} | ^{4/} | | |
| LACTOSE, HUMAN FOOD | 10,781 | 7,959 | 8,312 | 77 | 104 |
| LACTOSE, ANIMAL FEED | 520 | 925 | 886 | 170 | 96 |
| WHEY SOLIDS IN WET BLENDS | | | | | |
| HUMAN FOOD | 3,249 | 3,576 | 3,420 | 105 | 96 |
| ANIMAL FEED | 4,894 | 4,827 | 4,868 | 99 | 104 |
| | | | | | |
| | MANUFACTURERS' STOCKS, END OF MONTH ^{5/} | | | PERCENT | |
| | 1,000 POUNDS | | | | |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY AND PARTIALLY DELACTOSED | | | | | |
| HUMAN FOOD ^{6/} | 42,219 | 44,564 | 45,374 | 107 | 102 |
| ANIMAL FEED ^{6/} | 23,808 | 34,714 | 36,724 | 154 | 106 |
| PARTIALLY DEMINERALIZED | | | | | |
| HUMAN FOOD | 1,648 | 4,644 | 3,581 | 217 | 77 |
| PARTIALLY DELACTOSED/DEMINERALIZED, | | | | | |
| HUMAN FOOD | 788 | 1,223 | 1,553 | 197 | 127 |
| PARTIALLY DELACTOSED/DEMINERALIZED, | | | | | |
| ANIMAL FEED | ^{4/} | ^{4/} | ^{4/} | | |
| LACTOSE, HUMAN FOOD | 7,515 | 10,105 | 9,313 | 124 | 92 |
| LACTOSE, ANIMAL FEED | ^{4/} | ^{4/} | ^{4/} | | |
| | | | | | |
| | MANUFACTURERS' SELLING PRICE ^{7/} | | | CENTS CHANGE | |
| | CENTS PER POUND | | | | |
| CONDENSED WHEY SOLIDS ^{2/} | | | | | |
| SWEET-TYPE, HUMAN FOOD | 6.8 | 6.0 | 6.2 | -0.6 | +0.2 |
| SWEET-TYPE, ANIMAL FEED | 1.3 | 2.8 | 2.2 | +0.9 | -0.6 |
| ACID-TYPE, HUMAN FOOD | ^{3/} | ^{4/} | ^{3/} | | |
| ACID-TYPE, ANIMAL FEED | ^{4/} | ^{4/} | ^{4/} | | |
| DRY WHEY, HUMAN FOOD | 12.0 | 10.1 | 10.4 | -1.6 | +0.3 |
| DRY WHEY, ANIMAL FEED | 10.1 | 8.6 | 8.3 | -1.8 | -0.3 |

^{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.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1977-79

| MONTH | BY MONTHS | | | | CUMULATIVE | | | |
|-------------------------------|--------------|---------|---------|-------------------------|--------------|-----------|---------|-------------------------|
| | 1977 | 1978 | 1979 | 1979 AS % OF 1978 | 1977 | 1978 | 1979 | 1979 AS % OF 1978 |
| | 1,000 POUNDS | | | PERCENT | 1,000 POUNDS | | | PERCENT |
| <u>BUTTER</u> | | | | | | | | |
| JAN | 105,455 | 107,399 | 97,399 | 91 | 105,455 | 107,399 | 97,399 | 91 |
| FEB | 95,431 | 95,469 | 86,642 | 91 | 200,886 | 202,868 | 184,041 | 91 |
| MAR | 98,402 | 98,216 | 89,333 | 91 | 299,288 | 301,084 | 273,374 | 91 |
| APR | 99,946 | 97,192 | 92,360 | 95 | 399,234 | 398,276 | 365,734 | 92 |
| MAY | 103,180 | 97,559 | 98,594 | 101 | 502,414 | 495,835 | 464,328 | 94 |
| JUN | 93,019 | 85,139 | | | 595,433 | 580,974 | | |
| JUL | 81,762 | 71,440 | | | 677,195 | 652,414 | | |
| AUG | 77,803 | 63,170 | | | 754,998 | 715,584 | | |
| SEP | 75,033 | 64,001 | | | 830,031 | 779,585 | | |
| OCT | 84,547 | 70,576 | | | 914,578 | 850,161 | | |
| NOV | 81,528 | 66,470 | | | 996,106 | 916,631 | | |
| DEC | 89,489 | 77,659 | | | 1,085,595 | 994,290 | | |
| <u>AMERICAN CHEESE</u> | | | | | | | | |
| JAN | 168,720 | 161,058 | 173,819 | 108 | 168,720 | 161,058 | 173,819 | 108 |
| FEB | 159,125 | 154,206 | 165,972 | 108 | 327,845 | 315,264 | 339,791 | 108 |
| MAR | 183,500 | 182,568 | 185,312 | 102 | 511,345 | 497,832 | 525,103 | 105 |
| APR | 194,440 | 189,622 | 192,021 | 101 | 705,785 | 687,454 | 717,124 | 104 |
| MAY | 212,116 | 208,719 | 210,580 | 101 | 917,901 | 896,173 | 927,704 | 104 |
| JUN | 201,361 | 208,044 | | | 1,119,262 | 1,104,217 | | |
| JUL | 175,297 | 179,558 | | | 1,294,559 | 1,283,775 | | |
| AUG | 164,981 | 165,620 | | | 1,459,540 | 1,449,395 | | |
| SEP | 141,517 | 146,376 | | | 1,601,057 | 1,595,771 | | |
| OCT | 146,319 | 156,727 | | | 1,747,376 | 1,752,498 | | |
| NOV | 135,478 | 151,431 | | | 1,882,854 | 1,903,929 | | |
| DEC | 160,209 | 170,273 | | | 2,043,063 | 2,074,202 | | |
| <u>CREAMED COTTAGE CHEESE</u> | | | | | | | | |
| JAN | 68,445 | 68,377 | 69,040 | 101 | 68,445 | 68,377 | 69,040 | 101 |
| FEB | 68,921 | 69,701 | 65,491 | 94 | 137,366 | 138,078 | 134,531 | 97 |
| MAR | 81,555 | 79,271 | 79,912 | 101 | 218,921 | 217,349 | 214,443 | 99 |
| APR | 75,729 | 74,209 | 72,372 | 98 | 294,650 | 291,558 | 286,815 | 98 |
| MAY | 78,441 | 80,276 | 76,997 | 96 | 373,091 | 371,834 | 363,812 | 98 |
| JUN | 77,385 | 77,173 | | | 450,476 | 449,007 | | |
| JUL | 74,341 | 73,737 | | | 524,817 | 522,744 | | |
| AUG | 77,248 | 76,795 | | | 602,065 | 599,539 | | |
| SEP | 73,667 | 72,399 | | | 675,732 | 671,938 | | |
| OCT | 69,443 | 72,003 | | | 745,175 | 743,941 | | |
| NOV | 69,518 | 67,802 | | | 814,693 | 811,743 | | |
| DEC | 63,285 | 60,551 | | | 877,978 | 872,294 | | |
| <u>LOWFAT COTTAGE CHEESE</u> | | | | | | | | |
| JAN | 10,945 | 12,100 | 11,830 | 98 | 10,945 | 12,100 | 11,830 | 98 |
| FEB | 10,711 | 11,544 | 12,235 | 106 | 21,656 | 23,644 | 24,065 | 102 |
| MAR | 13,086 | 14,174 | 14,883 | 105 | 34,742 | 37,818 | 38,948 | 103 |
| APR | 12,185 | 12,944 | 13,164 | 102 | 46,927 | 50,762 | 52,112 | 103 |
| MAY | 12,232 | 14,442 | 14,241 | 99 | 59,159 | 65,204 | 66,353 | 102 |
| JUN | 12,393 | 13,597 | | | 71,552 | 78,801 | | |
| JUL | 11,271 | 12,310 | | | 82,823 | 91,111 | | |
| AUG | 12,231 | 13,234 | | | 95,054 | 104,345 | | |
| SEP | 11,403 | 12,773 | | | 106,457 | 117,118 | | |
| OCT | 11,367 | 12,320 | | | 117,824 | 129,438 | | |
| NOV | 10,961 | 11,426 | | | 128,785 | 140,864 | | |
| DEC | 10,222 | 10,510 | | | 139,007 | 151,374 | | |

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1977-79

| MONTH | BY MONTH | | | | CUMULATIVE | | | |
|--------------------------------------|---------------|--------|--------|-------------------------|---------------|---------|---------|-------------------------|
| | 1977 | 1978 | 1979 | 1979 AS % OF 1978 | 1977 | 1978 | 1979 | 1979 AS % OF 1978 |
| | 1,000 GALLONS | | | PERCENT | 1,000 GALLONS | | | PERCENT |
| <u>ICE CREAM</u> | | | | | | | | |
| JAN | 51,372 | 52,831 | 55,677 | 105 | 51,372 | 52,831 | 55,677 | 105 |
| FEB | 55,846 | 56,711 | 57,626 | 102 | 107,218 | 109,542 | 113,303 | 103 |
| MAR | 73,644 | 70,961 | 71,083 | 100 | 180,862 | 180,503 | 184,386 | 102 |
| APR | 68,272 | 65,280 | 68,368 | 105 | 249,134 | 245,783 | 252,754 | 103 |
| MAY | 71,226 | 73,767 | 73,185 | 99 | 320,360 | 319,550 | 325,939 | 102 |
| JUN | 83,928 | 85,573 | | | 404,288 | 405,123 | | |
| JUL | 79,329 | 79,895 | | | 483,617 | 485,018 | | |
| AUG | 83,710 | 84,485 | | | 567,327 | 569,503 | | |
| SEP | 72,202 | 70,893 | | | 639,529 | 640,396 | | |
| OCT | 60,085 | 65,351 | | | 699,614 | 705,747 | | |
| NOV | 56,741 | 57,334 | | | 756,355 | 763,081 | | |
| DEC | 53,494 | 52,018 | | | 809,849 | 815,099 | | |
| <u>ICE MILK</u> | | | | | | | | |
| JAN | 15,752 | 15,598 | 15,511 | 99 | 15,752 | 15,598 | 15,511 | 99 |
| FEB | 17,755 | 17,686 | 16,507 | 93 | 33,507 | 33,284 | 32,081 | 96 |
| MAR | 25,765 | 25,708 | 24,474 | 95 | 59,272 | 58,992 | 56,492 | 96 |
| APR | 27,381 | 26,300 | 24,736 | 94 | 86,653 | 85,292 | 81,228 | 95 |
| MAY | 32,087 | 32,092 | 30,831 | 96 | 118,740 | 117,384 | 112,059 | 95 |
| JUN | 35,424 | 35,963 | | | 154,164 | 153,347 | | |
| JUL | 36,156 | 34,939 | | | 190,320 | 188,286 | | |
| AUG | 34,215 | 34,708 | | | 224,535 | 222,994 | | |
| SEP | 27,419 | 26,940 | | | 251,954 | 249,934 | | |
| OCT | 21,850 | 23,016 | | | 273,804 | 272,950 | | |
| NOV | 17,952 | 18,450 | | | 291,756 | 291,400 | | |
| DEC | 16,193 | 15,845 | | | 307,949 | 307,245 | | |
| <u>SHERBET</u> | | | | | | | | |
| JAN | 2,887 | 2,947 | 3,078 | 104 | 2,887 | 2,947 | 3,078 | 104 |
| FEB | 2,824 | 2,705 | 2,801 | 104 | 5,711 | 5,652 | 5,879 | 104 |
| MAR | 4,220 | 4,044 | 3,755 | 93 | 9,931 | 9,696 | 9,634 | 99 |
| APR | 4,189 | 4,047 | 4,065 | 100 | 14,120 | 13,743 | 13,699 | 100 |
| MAY | 4,868 | 4,745 | 4,573 | 96 | 18,988 | 18,488 | 18,272 | 99 |
| JUN | 5,900 | 6,017 | | | 24,888 | 24,505 | | |
| JUL | 5,675 | 5,286 | | | 30,563 | 29,791 | | |
| AUG | 5,696 | 5,151 | | | 36,259 | 34,942 | | |
| SEP | 4,255 | 4,005 | | | 40,514 | 38,947 | | |
| OCT | 3,199 | 3,504 | | | 43,713 | 42,451 | | |
| NOV | 2,942 | 2,881 | | | 46,655 | 45,332 | | |
| DEC | 3,128 | 2,702 | | | 49,783 | 48,034 | | |
| <u>MELLORINE-TYPE FROZEN DESSERT</u> | | | | | | | | |
| JAN | 1,214 | 1,009 | 1,172 | 116 | 1,214 | 1,009 | 1,172 | 116 |
| FEB | 1,426 | 1,062 | 1,280 | 121 | 2,640 | 2,071 | 2,452 | 118 |
| MAR | 1,826 | 1,547 | 1,562 | 101 | 4,466 | 3,618 | 4,014 | 111 |
| APR | 1,625 | 1,577 | 1,417 | 90 | 6,091 | 5,195 | 5,431 | 105 |
| MAY | 1,802 | 1,664 | 1,550 | 93 | 7,893 | 6,859 | 6,981 | 102 |
| JUN | 2,079 | 1,835 | | | 9,972 | 8,694 | | |
| JUL | 1,838 | 1,626 | | | 11,810 | 10,320 | | |
| AUG | 1,944 | 1,654 | | | 13,754 | 11,974 | | |
| SEP | 1,619 | 1,366 | | | 15,373 | 13,340 | | |
| OCT | 1,289 | 1,251 | | | 16,662 | 14,591 | | |
| NOV | 1,156 | 916 | | | 17,818 | 15,507 | | |
| DEC | 977 | 757 | | | 18,795 | 16,264 | | |

PRODUCTION OF NONFAT DRY MILK FOR HUMAN FOOD: BY MONTHS, UNITED STATES, 1977-79

| MONTH | BY MONTHS | | | | CUMULATIVE | | | |
|-------|--------------|---------|---------|--------------|--------------|---------|---------|--------------|
| | 1977 | 1978 | 1979 | AS % OF 1978 | 1977 | 1978 | 1979 | AS % OF 1978 |
| | 1,000 POUNDS | | | PERCENT | 1,000 POUNDS | | | PERCENT |
| JAN | 70,259 | 76,994 | 55,091 | 72 | 70,259 | 76,994 | 55,091 | 72 |
| FEB | 71,803 | 68,667 | 54,888 | 80 | 142,062 | 145,661 | 109,979 | 76 |
| MAR | 87,970 | 84,428 | 76,112 | 90 | 230,032 | 230,089 | 186,091 | 81 |
| APR | 105,971 | 94,681 | 87,786 | 93 | 336,003 | 324,770 | 273,877 | 84 |
| MAY | 119,929 | 103,611 | 104,846 | 101 | 455,932 | 428,381 | 378,723 | 88 |
| JUN | 130,324 | 114,909 | | | 586,256 | 543,290 | | |
| JUL | 123,236 | 97,222 | | | 709,492 | 640,512 | | |
| AUG | 105,970 | 75,720 | | | 815,462 | 716,232 | | |
| SEP | 77,608 | 57,542 | | | 893,070 | 773,774 | | |
| OCT | 70,311 | 48,145 | | | 963,381 | 821,919 | | |
| NOV | 65,174 | 42,680 | | | 1,028,555 | 864,599 | | |
| DEC | 78,064 | 55,823 | | | 1,106,619 | 920,422 | | |

BUTTER: PRODUCTION BY STATES, MAY 1979

| STATE | MAY 1977 | MAY 1978 | APR 1979 | MAY 1979 | PERCENT OF | |
|---------|--------------|----------|----------|----------|------------|----------|
| | | | | | MAY 1978 | APR 1979 |
| | 1,000 POUNDS | | | | PERCENT | |
| CALIF | 14,192 | 11,799 | 12,200 | 13,000 | 110 | 107 |
| IDAHO | 840 | 302 | 708 | 740 | 245 | 105 |
| ILL | 940 | 332 | 255 | 350 | 105 | 137 |
| IND | 1,246 | 1,354 | 868 | 956 | 71 | 110 |
| IOWA | 5,353 | 4,159 | 3,302 | 3,644 | 88 | 110 |
| KANS | 1,757 | 1,146 | 958 | 1,223 | 107 | 128 |
| MICH | 3,605 | 3,250 | 3,400 | 3,500 | 108 | 103 |
| MINN | 19,312 | 17,159 | 15,005 | 15,360 | 90 | 102 |
| MO | 2,119 | 1,931 | 2,290 | 2,280 | 118 | 100 |
| N Y | 4,462 | 4,008 | 4,565 | 4,900 | 122 | 107 |
| N DAK | 666 | 591 | 666 | 722 | 122 | 108 |
| OHIO | 3,586 | 3,106 | 2,430 | 2,715 | 87 | 112 |
| OKLA | 1,486 | 1,954 | 1,800 | 1,574 | 81 | 87 |
| OREG | 1,334 | 1,562 | 1,400 | 1,490 | 95 | 106 |
| PA | 3,083 | 3,675 | 4,555 | 5,485 | 149 | 120 |
| S DAK | 1,015 | 1,011 | 1,056 | 1,121 | 111 | 106 |
| TENN | 1,508 | 1,776 | 2,335 | 2,026 | 114 | 87 |
| UTAH | 453 | 484 | 304 | 349 | 72 | 115 |
| VT | 796 | 570 | 607 | 516 | 91 | 85 |
| WASH | 3,039 | 2,645 | 2,855 | 3,319 | 125 | 116 |
| WIS | 24,163 | 26,360 | 23,600 | 25,400 | 96 | 108 |
| OTH STS | 8,225 | 8,385 | 7,201 | 7,924 | 95 | 110 |
| U S | 103,180 | 97,559 | 92,360 | 98,594 | 101 | 107 |

AMERICAN CHEESE: PRODUCTION BY STATES, MAY 1979

| STATE | MAY 1977 | MAY 1978 | APR 1979 | MAY 1979 | PERCENT OF | |
|---------|--------------|----------|----------|----------|------------|----------|
| | 1,000 POUNDS | | | | MAY 1978 | APR 1979 |
| | | | | | PERCENT | |
| CALIF | 1,194 | 1,423 | 1,670 | 1,659 | 117 | 99 |
| IDAHO | 6,049 | 6,052 | 5,450 | 5,995 | 99 | 110 |
| ILL | 1,184 | 428 | 413 | 460 | 107 | 111 |
| IND | 2,922 | 2,861 | 2,587 | 3,893 | 136 | 150 |
| IOWA | 10,085 | 9,511 | 7,900 | 9,510 | 100 | 120 |
| KANS | 3,516 | 2,894 | 2,028 | 2,298 | 79 | 113 |
| KY | 5,718 | 5,017 | 3,970 | 4,717 | 94 | 119 |
| MICH | 1,553 | 1,893 | 1,800 | 2,100 | 111 | 117 |
| MINN | 33,120 | 36,318 | 36,095 | 38,225 | 105 | 106 |
| MO | 5,822 | 5,885 | 4,275 | 5,100 | 87 | 119 |
| NEBR | 3,130 | 3,061 | 1,580 | 1,775 | 58 | 112 |
| N Y | 8,811 | 9,055 | 8,370 | 9,470 | 105 | 113 |
| N DAK | 5,783 | 5,259 | 4,176 | 4,382 | 83 | 105 |
| OHIO | 3,118 | 3,255 | 3,487 | 4,010 | 123 | 115 |
| OREG | 2,572 | 2,486 | 2,450 | 2,700 | 109 | 110 |
| S DAK | 4,108 | 4,120 | 4,121 | 4,511 | 109 | 109 |
| TENN | 2,514 | 2,478 | 2,330 | 2,234 | 90 | 96 |
| UTAH | 4,682 | 4,232 | 3,526 | 4,204 | 99 | 119 |
| VT | 1,687 | 2,147 | 1,758 | 1,952 | 91 | 111 |
| WIS | 89,314 | 85,837 | 80,000 | 87,500 | 102 | 109 |
| OTH STS | 15,234 | 14,507 | 14,035 | 13,885 | 96 | 99 |
| U S | 212,116 | 208,719 | 192,021 | 210,580 | 101 | 110 |

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, MAY 1979

| PRODUCT | CCC PURCHASES (DELIVERY BASIS) | | | | UNCOMMITTED CCC INVENTORIES | |
|------------------|--------------------------------|----------|----------------------------------|----------------------------------|-----------------------------|-----------------|
| | MAY 1978 | MAY 1979 | OCT 1, 1977 THROUGH MAY 31, 1978 | OCT 1, 1978 THROUGH MAY 31, 1979 | MAY 31, 1978 | MAY 31, 1979 1/ |
| | 1,000 POUNDS | | | | | |
| BUTTER | 34,616 | 26,773 | 126,463 | 51,619 | 249,712 | 182,074 |
| CHEESE | 6,348 | 1,706 | 13,637 | 1,706 | 46,493 | 1,706 |
| NONFAT DRY MILK: | 51,534 | 44,777 | 211,655 | 86,372 | 565,066 | 455,258 |

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 20,258,000 POUNDS; AND FORTIFIED NONFAT DRY MILK, 52,260,000 POUNDS.

CANNED EVAPORATED AND CONDENSED WHOLE MILK FOR 1977 1/

| 1,000 POUNDS | | | | | | | | | | | | | | |
|--------------|---|--------|---|-----|---|--------|---|-----|---|--------|---|-----|---|--------|
| JAN | - | 61,797 | : | APR | - | 82,225 | : | JUL | - | 77,894 | : | OCT | - | 53,486 |
| FEB | - | 63,917 | : | MAY | - | 86,586 | : | AUG | - | 73,428 | : | NOV | - | 47,136 |
| MAR | - | 72,065 | : | JUN | - | 81,892 | : | SEP | - | 59,696 | : | DEC | - | 58,805 |

1/ DATA WAS PUBLISHED INCORRECTLY IN THE 1978 ANNUAL DAIRY PRODUCTS RELEASE.

ICE CREAM: PRODUCTION BY STATES, MAY 1979

| STATE | MAY 1977 | MAY 1978 | APR 1979 | MAY 1979 | PERCENT OF | |
|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | MAY 1978 | APR 1979 |
| 1,000 GALLONS | | | | | PERCENT | |
| ALA | 1,144 | 1,093 | 1,182 | 1,321 | 121 | 112 |
| ARIZ | 650 | 649 | 565 | 550 | 85 | 97 |
| CALIF | 7,066 | 8,044 | 8,200 | 7,800 | 97 | 95 |
| COLO | 686 | 798 | 745 | 800 | 100 | 107 |
| CONN | 1,439 | 1,649 | 1,900 | 2,150 | 130 | 113 |
| FLA | 2,413 | 2,599 | 2,809 | 2,671 | 103 | 95 |
| GA | 586 | 589 | 500 | 528 | 90 | 106 |
| ILL | 3,472 | 3,389 | 2,970 | 3,360 | 99 | 113 |
| IND | 2,301 | 2,221 | 2,032 | 2,081 | 94 | 102 |
| IOWA | 908 | 982 | 1,039 | 1,085 | 110 | 104 |
| KANS | 534 | 548 | 564 | 591 | 108 | 105 |
| LA | 983 | 864 | 680 | 687 | 80 | 101 |
| MD 1/ | 1,681 | 1,717 | 1,875 | 1,950 | 114 | 104 |
| MASS | 4,094 | 4,047 | 3,180 | 3,530 | 87 | 111 |
| MICH | 3,099 | 3,184 | 3,050 | 3,600 | 113 | 118 |
| MINN | 2,807 | 2,822 | 2,805 | 2,925 | 104 | 104 |
| MO | 1,569 | 1,503 | 1,400 | 1,450 | 96 | 104 |
| NEBR | 899 | 886 | 770 | 785 | 89 | 102 |
| N J | 1,175 | 580 | 500 | 590 | 102 | 118 |
| N Y | 5,757 | 5,577 | 5,040 | 5,100 | 91 | 101 |
| N C | 2,434 | 2,500 | 2,240 | 2,475 | 99 | 110 |
| OHIO | 3,785 | 4,341 | 3,930 | 4,250 | 98 | 108 |
| OKLA | 754 | 835 | 793 | 828 | 99 | 104 |
| OREG | 650 | 736 | 700 | 700 | 95 | 100 |
| PA | 6,003 | 6,456 | 5,700 | 6,970 | 108 | 122 |
| S C | 1,367 | 1,307 | 962 | 1,022 | 78 | 106 |
| TENN | 1,654 | 1,802 | 1,779 | 1,833 | 102 | 103 |
| TEX | 3,268 | 3,617 | 3,227 | 3,735 | 103 | 116 |
| UTAH | 532 | 629 | 689 | 741 | 118 | 108 |
| VA | 743 | 749 | 655 | 705 | 94 | 108 |
| WASH | 1,487 | 1,531 | 1,349 | 1,309 | 85 | 97 |
| WIS | 1,553 | 1,778 | 1,550 | 1,630 | 92 | 105 |
| OTH STS | 3,733 | 3,745 | 2,988 | 3,433 | 92 | 115 |
| U S | 71,226 | 73,767 | 68,368 | 73,185 | 99 | 107 |

1/ INCLUDES DISTRICT OF COLUMBIA.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST FOR MILK USED PRIMARILY FOR CANNED EVAPORATED MILK BY REGIONS, MAY 1979

| REGION | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|-----------------|---------------------------------|-------------|-------------|-----------------|-------------|-------------|-------------------------------|-------------|-------------|
| | MAY 1978 | APR 1979 | MAY 1979 | MAY 1978 | APR 1979 | MAY 1979 | MAY 1978 | APR 1979 | MAY 1979 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| NORTH CENTRAL | 8.68 | 10.24 | 10.18 | 3.53 | 3.52 | 3.43 | 2.46 | 2.91 | 2.97 |
| S ATL & CENTRAL | 9.00 | 10.37 | 10.36 | 3.52 | 3.57 | 3.47 | 2.56 | 2.90 | 2.99 |
| WEST | 9.11 | 10.17 | 10.29 | 3.43 | 3.40 | 3.31 | 2.66 | 2.99 | 3.11 |
| U S | 8.89 | 10.28 | 10.28 | 3.51 | 3.52 | 3.43 | 2.53 | 2.92 | 3.00 |

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, MAY 1979

| PRODUCT | MAY | MAY | APR | MAY | PERCENT OF | |
|---|---|--------|--------------------|---------|--------------|-------|
| | 1977 | 1978 | 1979 ^{4/} | 1979 | MAY | APR |
| | MANUFACTURERS' SHIPMENTS ^{1/} | | | | PERCENT | |
| | 1,000 POUNDS | | | | | |
| DRY WHOLE MILK | 8,444 | 5,286 | 5,463 | 4,707 | 89 | 86 |
| NONFAT DRY MILK FOR HUMAN FOOD | 87,861 | 85,369 | 52,073 | 75,567 | 89 | 145 |
| DRY SKIM MILK FOR ANIMAL FEED | 783 | 568 | 293 | 278 | 49 | 95 |
| DRY BUTTERMILK, FOR HUMAN FOOD | 4,239 | 4,013 | 3,140 | 3,386 | 84 | 108 |
| DRY BUTTERMILK, TOTAL | 4,329 | 4,123 | 3,204 | 3,552 | 86 | 111 |
| | MANUFACTURERS' STOCKS, END-OF-MONTH ^{2/} | | | | PERCENT | |
| | 1,000 POUNDS | | | | | |
| CANNED EVAPORATED AND CONDENSED WHOLE MILK | 101,495 | 79,428 | 68,330 | 90,316 | 114 | 132 |
| DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD | 8,610 | 8,414 | 5,762 | 7,117 | 85 | 124 |
| DRY SKIM MILK FOR ANIMAL FEED | 119,405 | 87,228 | 84,449 | 110,491 | 127 | 131 |
| DRY BUTTERMILK, TOTAL | 4,056 | 1,819 | 1,226 | 1,181 | 65 | 96 |
| | 8,040 | 4,712 | 5,550 | 6,040 | 128 | 109 |
| | MANUFACTURERS' SELLING PRICES ^{3/} | | | | CHANGE-CENTS | |
| | CENTS PER POUND | | | | | |
| DRY WHOLE MILK | 79.84 | 86.60 | 98.44 | 98.80 | +12.20 | +0.36 |
| NONFAT DRY MILK FOR HUMAN FOOD | 67.93 | 71.08 | 78.80 | 79.40 | +8.32 | +0.60 |
| DRY SKIM MILK FOR ANIMAL FEED | 33.27 | 33.08 | 33.50 | 33.80 | +0.72 | +0.30 |
| DRY BUTTERMILK FOR HUMAN FOOD | 53.61 | 64.23 | 74.43 | 74.66 | +10.43 | +0.23 |
| DRY BUTTERMILK FOR ANIMAL FEED | 24.50 | 28.83 | 33.55 | 34.38 | +5.55 | +0.83 |

^{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.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST
FOR MILK USE PRIMARILY FOR SPECIFIED USES, MAY 1979

| PRIMARY USE | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|------------------------|------------------------------|-------|-------|--------------|------|------|----------------------------|------|------|
| | MAY | APR | MAY | MAY | APR | MAY | MAY | APR | MAY |
| | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| MILK FOR: | | | | | | | | | |
| BUTTER AND BY-PRODUCTS | 9.19 | 10.63 | 10.63 | 3.56 | 3.65 | 3.58 | 2.58 | 2.91 | 2.97 |
| AMERICAN CHEESE | 9.32 | 10.83 | 10.84 | 3.61 | 3.68 | 3.64 | 2.58 | 2.94 | 2.98 |
| MISC. CHEESE: | | | | | | | | | |
| SWISS | 9.52 | 11.14 | 11.07 | 3.58 | 3.67 | 3.62 | 2.66 | 3.04 | 3.06 |
| BRICK & MUNSTER | 9.52 | 11.06 | 11.00 | 3.68 | 3.74 | 3.70 | 2.59 | 2.96 | 2.97 |
| ITALIAN | 9.48 | 11.01 | 11.00 | 3.66 | 3.72 | 3.68 | 2.59 | 2.96 | 2.99 |
| ALL OTHER | 9.42 | 11.00 | 11.01 | 3.68 | 3.71 | 3.68 | 2.56 | 2.96 | 2.99 |
| ALL MISC. CHEESE | 9.49 | 11.05 | 11.02 | 3.64 | 3.71 | 3.67 | 2.61 | 2.98 | 3.00 |
| ALL CHEESE | 9.37 | 10.89 | 10.89 | 3.62 | 3.69 | 3.65 | 2.59 | 2.95 | 2.98 |

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, MAY 1979

| PRIMARY USE AND STATE | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|---------------------------------|------------------------------|-------|-------|--------------|------|------|----------------------------|------|------|
| | MAY | APR | MAY | MAY | APR | MAY | MAY | APR | MAY |
| | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| MILK FOR BUTTER AND BY-PRODUCTS | | | | | | | | | |
| CALIF | 9.35 | 10.20 | 10.50 | 3.83 | 3.73 | 3.70 | 2.44 | 2.73 | 2.84 |
| IOWA | 9.37 | 10.73 | 10.71 | 3.59 | 3.65 | 3.55 | 2.61 | 2.94 | 3.02 |
| MINN | 9.07 | 10.60 | 10.60 | 3.47 | 3.61 | 3.55 | 2.61 | 2.94 | 2.99 |
| S DAK | 9.06 | 10.70 | 10.45 | 3.43 | 3.55 | 3.48 | 2.64 | 3.00 | 3.00 |
| WIS | 9.55 | 11.09 | 11.05 | 3.74 | 3.80 | 3.76 | 2.55 | 2.92 | 2.94 |
| U S | 9.19 | 10.63 | 10.63 | 3.56 | 3.65 | 3.58 | 2.58 | 2.91 | 2.97 |
| MILK FOR AMERICAN CHEESE | | | | | | | | | |
| IDAHO | 9.30 | 10.85 | 10.85 | 3.44 | 3.56 | 3.46 | 2.70 | 3.05 | 3.14 |
| IOWA | 9.37 | 10.71 | 10.80 | 3.59 | 3.68 | 3.60 | 2.61 | 2.91 | 3.00 |
| KANS | 9.03 | 10.70 | 10.50 | 3.51 | 3.62 | 3.49 | 2.57 | 2.96 | 3.01 |
| KY | 8.55 | 9.60 | 9.90 | 3.49 | 3.57 | 3.48 | 2.45 | 2.69 | 2.84 |
| MINN | 9.26 | 10.64 | 10.70 | 3.53 | 3.63 | 3.60 | 2.62 | 2.93 | 2.97 |
| MO | 8.80 | 10.35 | 10.40 | 3.55 | 3.60 | 3.48 | 2.48 | 2.88 | 2.99 |
| NEBR | 9.00 | 10.50 | 10.30 | 3.53 | 3.66 | 3.48 | 2.55 | 2.87 | 2.96 |
| N DAK | 8.75 | 10.30 | 10.20 | 3.43 | 3.50 | 3.43 | 2.55 | 2.94 | 2.97 |
| S DAK | 8.91 | 10.80 | 10.70 | 3.46 | 3.66 | 3.58 | 2.58 | 2.95 | 2.99 |
| TENN | 8.50 | 9.86 | 9.95 | 3.67 | 3.63 | 3.60 | 2.32 | 2.72 | 2.76 |
| WIS | 9.60 | 11.17 | 11.17 | 3.73 | 3.77 | 3.75 | 2.57 | 2.96 | 2.98 |
| U S | 9.32 | 10.83 | 10.84 | 3.61 | 3.68 | 3.64 | 2.58 | 2.94 | 2.98 |

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

