

DAIRY PRODUCTS



Released: December 31, 1979
3:00 P.M. ET

Economics, Statistics, &
Cooperatives Service

U.S. Department
of Agriculture

Washington, D.C.
20250

NOVEMBER HIGHLIGHTS

Butter production was 74.7 million pounds in November, 3 percent less than October but 12 percent more than November 1978.

American type cheese totaled 160 million pounds, 7 percent below last month but 6 percent above a year earlier.

Total cheese output (excluding cottage cheese) was 290 million pounds, down 5 percent from the previous month but up 4 percent from the previous year.

Creamed cottage cheese, 64.6 million pounds, down 5 percent from a year ago.

Lowfat cottage cheese, 11.8 million pounds, 3 percent more than a year earlier.

Canned evaporated and condensed whole milk, 59.0 million pounds, up 10 percent from November 1978.

Frozen desserts: (Comparisons with November 1978)

Ice cream -- 56.3 million gallons, down 2 percent.

Ice milk -- 17.9 million gallons, down 3 percent.

Sherbet -- 2.74 million gallons, down 5 percent.

Dry milk products: (Comparisons with November 1978)

Nonfat dry milk for human food -- 56.2 million pounds, up 32 percent.

Dry whole milk -- 6.94 million pounds, up 36 percent.

Dry buttermilk -- 3.08 million pounds, down 6 percent.

MANUFACTURING GRADE MILK PRICES INCREASE

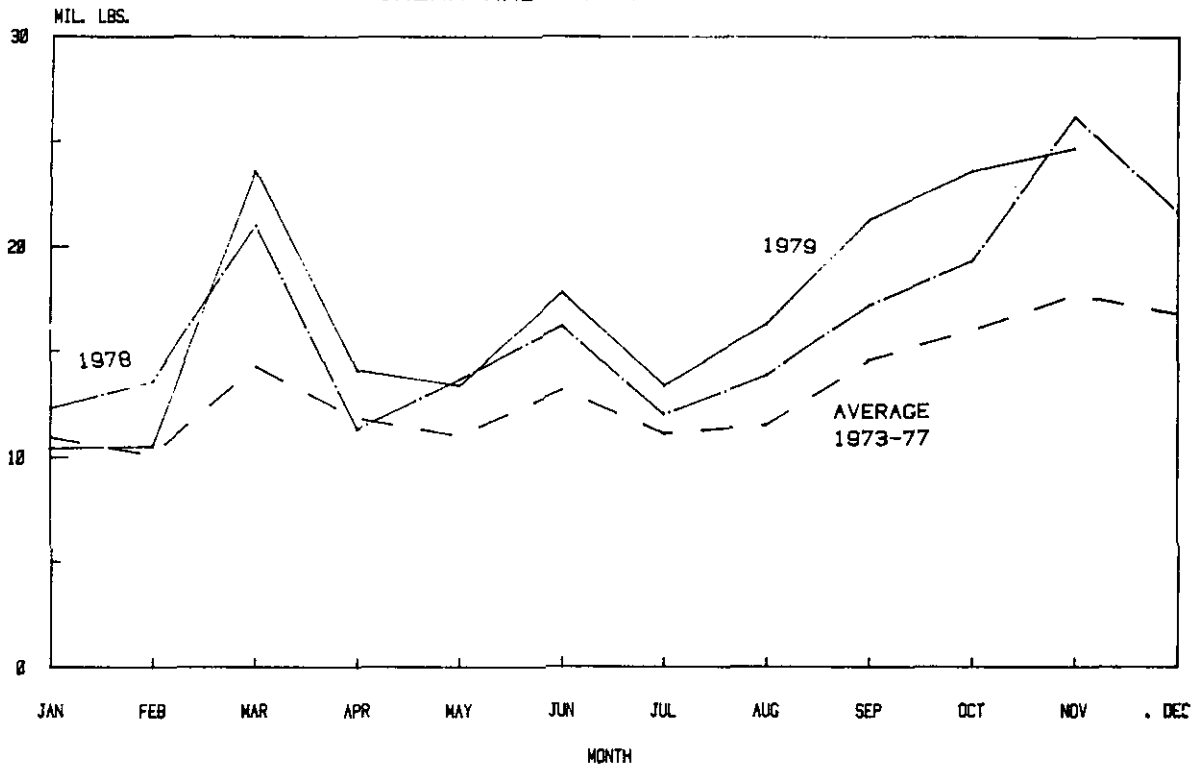
Butter-powder, \$11.61, up 15 cents from October, and 92 cents above November 1978.

American cheese, \$11.75, an increase of 14 cents from the previous month and 89 cents above the previous year.

Miscellaneous cheese, \$11.98, up 18 cents from October, and 94 cents higher than November 1978.

Evaporated milk (canned), \$11.36, 24 cents above last month, and \$1.13 above the previous year.

U. S. PRODUCTION OF CREAM AND NEUFCHATEL CHEESE



UNITED STATES PRODUCTION OF CREAM AND NEUFCHATEL CHEESE

| MONTH | AVERAGE 1973-77 | 1978 | 1979 |
|-------|--------------------|--------------|--------|
| | | 1,000 POUNDS | |
| JAN | 10,948 | 12,281 | 10,353 |
| FEB | 10,105 | 13,648 | 10,491 |
| MAR | 14,272 | 20,996 | 23,587 |
| APR | 11,782 | 11,288 | 14,074 |
| MAY | 10,996 | 13,701 | 13,357 |
| JUN | 13,228 | 16,176 | 17,782 |
| JUL | 11,077 | 11,973 | 13,429 |
| AUG | 11,494 | 13,939 | 16,298 |
| SEP | 14,576 | 17,210 | 21,300 |
| OCT | 15,965 | 19,298 | 23,572 |
| NOV | 17,673 | 26,195 | 24,739 |
| DEC | 16,818 | 21,550 | |

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS, AND PRICES,
UNITED STATES, NOVEMBER 1979

| PRODUCT | NOV 1978 | OCT 1979 <u>1/</u> | NOV 1979 | PERCENT OF | |
|---|---|-----------------------|-------------|--------------|-------------|
| | | | | NOV 1978 | OCT 1979 |
| | PRODUCTION 1,000 POUNDS | | | PERCENT | |
| CONDENSED WHEY, SOLIDS CONTENT <u>2/</u> | | | | | |
| SWEET-TYPE, HUMAN FOOD | 9,284 | 6,038 | 6,347 | 68 | 105 |
| SWEET-TYPE, ANIMAL FEED | 2,033 | 2,326 | 1,465 | 72 | 63 |
| ACID-TYPE, HUMAN FOOD AND ANIMAL FEED | <u>4/</u> | <u>4/</u> | <u>4/</u> | | |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY, HUMAN FOOD | 39,326 | 38,728 | 38,039 | 97 | 98 |
| DRY WHEY, ANIMAL FEED | 13,285 | 12,005 | 10,453 | 79 | 87 |
| PARTIALLY DELACTOSED | | | | | |
| HUMAN FOOD | 3,167 | 3,051 | 2,912 | 92 | 95 |
| ANIMAL FEED | 10,661 | 8,470 | 8,189 | 77 | 97 |
| PARTIALLY DEMINERALIZED | | | | | |
| HUMAN FOOD | 2,536 | 2,282 | 2,169 | 86 | 95 |
| ANIMAL FEED | <u>3/</u> | <u>3/</u> | <u>3/</u> | | |
| PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD | 735 | 791 | 713 | 97 | 90 |
| PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED | <u>4/</u> | <u>4/</u> | <u>4/</u> | | |
| LACTOSE, HUMAN FOOD | 7,958 | 7,991 | 7,415 | 93 | 93 |
| LACTOSE, ANIMAL FEED | 224 | 785 | 1,094 | 488 | 139 |
| WHEY SOLIDS IN WET BLENDS | | | | | |
| HUMAN FOOD | 2,628 | 3,698 | 3,270 | 124 | 88 |
| ANIMAL FEED | 5,663 | 8,016 | 7,029 | 124 | 88 |
| | MANUFACTURERS' STOCKS, END OF MONTH <u>5/</u> | | | PERCENT | |
| | 1,000 POUNDS | | | | |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY AND PARTIALLY DELACTOSED: | | | | | |
| HUMAN FOOD <u>6/</u> | 43,712 | 31,529 | 29,454 | 67 | 93 |
| ANIMAL FEED <u>6/</u> | 30,423 | 28,500 | 26,839 | 88 | 94 |
| PARTIALLY DEMINERALIZED | | | | | |
| HUMAN FOOD | 2,168 | 1,870 | 1,858 | 86 | 99 |
| PARTIALLY DELACTOSED/ DEMINERALIZED, HUMAN FOOD | 1,359 | 2,137 | 1,921 | 141 | 90 |
| PARTIALLY DELACTOSED/ DEMINERALIZED, ANIMAL FEED | <u>4/</u> | <u>4/</u> | <u>4/</u> | | |
| LACTOSE, HUMAN FOOD | 12,883 | 7,401 | 6,204 | 48 | 84 |
| LACTOSE, ANIMAL FEED | <u>4/</u> | <u>4/</u> | <u>4/</u> | | |
| | MANUFACTURERS' SELLING PRICE <u>7/</u> | | | CENTS CHANGE | |
| | CENTS PER POUND | | | | |
| CONDENSED WHEY SOLIDS <u>2/</u> | | | | | |
| SWEET-TYPE, HUMAN FOOD | 7.4 | 6.3 | 5.9 | -1.5 | -0.4 |
| SWEET-TYPE, ANIMAL FEED | <u>4/</u> | <u>4/</u> | <u>4/</u> | | |
| ACID-TYPE, HUMAN FOOD | <u>3/</u> | <u>3/</u> | <u>3/</u> | | |
| ACID-TYPE, ANIMAL FEED | <u>4/</u> | <u>4/</u> | <u>4/</u> | | |
| DRY WHEY, HUMAN FOOD | 13.3 | 10.6 | 10.8 | -2.5 | +0.2 |
| DRY WHEY, ANIMAL FEED | 11.0 | 9.0 | 9.1 | -1.9 | +0.1 |

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 |
| BUTTER | | | | | | | | |
| 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 | 84,707 | 99 | 595,433 | 580,974 | 549,035 | 95 |
| JUL | 81,762 | 71,440 | 74,797 | 105 | 677,195 | 652,414 | 623,832 | 96 |
| AUG | 77,803 | 63,170 | 64,892 | 103 | 754,998 | 715,584 | 688,724 | 96 |
| SEP | 75,033 | 64,001 | 61,501 | 96 | 830,031 | 779,585 | 750,225 | 96 |
| OCT | 84,547 | 70,576 | 76,764 | 109 | 914,578 | 850,161 | 826,989 | 97 |
| NOV | 81,528 | 66,470 | 74,653 | 112 | 996,106 | 916,631 | 901,642 | 98 |
| DEC | 89,489 | 77,659 | | | 1,085,595 | 994,290 | | |
| AMERICAN CHEESE | | | | | | | | |
| 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 | 210,887 | 101 | 1,119,262 | 1,104,217 | 1,138,591 | 103 |
| JUL | 175,297 | 179,558 | 195,156 | 109 | 1,294,559 | 1,283,775 | 1,333,747 | 104 |
| AUG | 164,981 | 165,620 | 181,777 | 110 | 1,459,540 | 1,449,395 | 1,515,524 | 105 |
| SEP | 141,517 | 146,376 | 167,422 | 114 | 1,601,057 | 1,595,771 | 1,682,946 | 106 |
| OCT | 146,319 | 156,727 | 171,890 | 110 | 1,747,376 | 1,752,498 | 1,854,836 | 106 |
| NOV | 135,478 | 151,431 | 159,940 | 106 | 1,882,854 | 1,903,929 | 2,014,776 | 106 |
| DEC | 160,209 | 170,273 | | | 2,043,063 | 2,074,202 | | |
| CREAMED COTTAGE CHEESE | | | | | | | | |
| 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 | 74,070 | 96 | 450,476 | 449,007 | 437,882 | 98 |
| JUL | 74,341 | 73,737 | 71,341 | 97 | 524,817 | 522,744 | 509,223 | 97 |
| AUG | 77,248 | 76,795 | 73,338 | 95 | 602,065 | 599,539 | 582,561 | 97 |
| SEP | 73,667 | 72,399 | 66,230 | 91 | 675,732 | 671,938 | 648,791 | 97 |
| OCT | 69,443 | 72,003 | 72,713 | 101 | 745,175 | 743,941 | 721,504 | 97 |
| NOV | 69,518 | 67,802 | 64,595 | 95 | 814,693 | 811,743 | 786,099 | 97 |
| DEC | 63,285 | 60,551 | | | 877,978 | 872,294 | | |
| LOWFAT COTTAGE CHEESE | | | | | | | | |
| 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 | 13,518 | 99 | 71,552 | 78,801 | 79,871 | 101 |
| JUL | 11,271 | 12,310 | 12,912 | 105 | 82,823 | 91,111 | 92,783 | 102 |
| AUG | 12,231 | 13,234 | 13,662 | 103 | 95,054 | 104,345 | 106,445 | 102 |
| SEP | 11,403 | 12,773 | 12,917 | 101 | 106,457 | 117,118 | 119,362 | 102 |
| OCT | 11,367 | 12,320 | 13,237 | 107 | 117,824 | 129,438 | 132,599 | 102 |
| NOV | 10,961 | 11,426 | 11,822 | 103 | 128,785 | 140,864 | 144,421 | 103 |
| DEC | 10,222 | 10,510 | | | 139,007 | 151,374 | | |

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 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 | 81,349 | 95 | 404,288 | 405,123 | 407,288 | 101 |
| JUL | 79,329 | 79,895 | 80,142 | 100 | 483,617 | 485,018 | 487,430 | 100 |
| AUG | 83,710 | 84,485 | 84,568 | 100 | 567,327 | 569,503 | 571,998 | 100 |
| SEP | 72,202 | 70,893 | 70,920 | 100 | 639,529 | 640,396 | 642,918 | 100 |
| OCT | 60,085 | 65,351 | 66,994 | 103 | 699,614 | 705,747 | 709,912 | 101 |
| NOV | 56,741 | 57,334 | 56,251 | 98 | 756,355 | 763,081 | 766,163 | 100 |
| 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 | 32,792 | 91 | 154,164 | 153,347 | 144,851 | 94 |
| JUL | 36,156 | 34,939 | 32,777 | 94 | 190,320 | 188,286 | 177,628 | 94 |
| AUG | 34,215 | 34,708 | 34,198 | 99 | 224,535 | 222,994 | 211,826 | 95 |
| SEP | 27,419 | 26,940 | 25,851 | 96 | 251,954 | 249,934 | 237,677 | 95 |
| OCT | 21,850 | 23,016 | 22,743 | 99 | 273,804 | 272,950 | 260,420 | 95 |
| NOV | 17,952 | 18,450 | 17,933 | 97 | 291,756 | 291,400 | 278,353 | 96 |
| 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 | 5,128 | 85 | 24,888 | 24,505 | 23,400 | 95 |
| JUL | 5,675 | 5,286 | 5,034 | 95 | 30,563 | 29,791 | 28,434 | 95 |
| AUG | 5,696 | 5,151 | 4,987 | 97 | 36,259 | 34,942 | 33,421 | 96 |
| SEP | 4,255 | 4,005 | 3,826 | 96 | 40,514 | 38,947 | 37,247 | 96 |
| OCT | 3,199 | 3,504 | 3,247 | 93 | 43,713 | 42,451 | 40,494 | 95 |
| NOV | 2,942 | 2,881 | 2,740 | 95 | 46,655 | 45,332 | 43,234 | 95 |
| 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 | 1,546 | 84 | 9,972 | 8,694 | 8,527 | 98 |
| JUL | 1,838 | 1,626 | 1,473 | 91 | 11,810 | 10,320 | 10,000 | 97 |
| AUG | 1,944 | 1,654 | 1,660 | 100 | 13,754 | 11,974 | 11,660 | 97 |
| SEP | 1,619 | 1,366 | 1,198 | 88 | 15,373 | 13,340 | 12,858 | 96 |
| OCT | 1,289 | 1,251 | 1,171 | 94 | 16,662 | 14,591 | 14,029 | 96 |
| NOV | 1,156 | 916 | 1,050 | 115 | 17,818 | 15,507 | 15,079 | 97 |
| 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 | 1979 AS % OF 1978 | 1977 | 1978 | 1979 | 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 | 112,192 | 98 | 586,256 | 543,290 | 490,915 | 90 |
| JUL | 123,236 | 97,222 | 94,450 | 97 | 709,492 | 640,512 | 585,365 | 91 |
| AUG | 105,970 | 75,720 | 78,725 | 104 | 815,462 | 716,232 | 664,090 | 93 |
| SEP | 77,608 | 57,542 | 55,555 | 97 | 893,070 | 773,774 | 719,645 | 93 |
| OCT | 70,311 | 48,145 | 58,133 | 121 | 963,381 | 821,919 | 777,778 | 95 |
| NOV | 65,174 | 42,680 | 56,198 | 132 | 1,028,555 | 864,599 | 833,976 | 96 |
| DEC | 78,064 | 55,823 | | | 1,106,619 | 920,422 | | |

BUTTER: PRODUCTION BY STATES, NOVEMBER 1979

| STATE | NOV | NOV | OCT | NOV | PERCENT OF | |
|---------|--------------|--------|--------|--------|------------|------|
| | 1977 | 1978 | 1979 | 1979 | NOV | OCT |
| | 1,000 POUNDS | | | | 1978 | 1979 |
| | | | | | PERCENT | |
| CALIF | 11,621 | 8,444 | 12,800 | 12,800 | 152 | 100 |
| IDAHO | 374 | 541 | 580 | 646 | 119 | 111 |
| ILL | 694 | 339 | 310 | 290 | 86 | 94 |
| IND | 806 | 1,030 | 971 | 959 | 93 | 99 |
| IOWA | 2,629 | 1,326 | 737 | 820 | 62 | 111 |
| KANS | 949 | 1,147 | 834 | 705 | 61 | 85 |
| MICH | 2,565 | 1,480 | 3,100 | 2,400 | 162 | 77 |
| MINN | 13,911 | 10,673 | 10,365 | 10,005 | 94 | 97 |
| MO | 1,722 | 1,783 | 1,715 | 1,655 | 93 | 97 |
| N Y | 2,111 | 1,401 | 2,515 | 2,270 | 162 | 90 |
| N DAK | 464 | 417 | 402 | 417 | 100 | 104 |
| OHIO | 3,029 | 2,022 | 2,246 | 1,802 | 89 | 80 |
| OKLA | 2,076 | 2,026 | 1,557 | 1,764 | 87 | 113 |
| OREG | 1,173 | 1,086 | 1,000 | 890 | 82 | 89 |
| PA | 2,949 | 2,947 | 4,330 | 3,640 | 124 | 84 |
| S DAK | 757 | 751 | 868 | 847 | 113 | 98 |
| TENN | 2,310 | 1,912 | 1,941 | 2,180 | 114 | 112 |
| UTAH | 341 | 307 | 352 | 446 | 145 | 127 |
| VT | 447 | 204 | 346 | 122 | 60 | 35 |
| WASH | 2,226 | 2,139 | 3,007 | 2,703 | 126 | 90 |
| WIS | 19,360 | 16,953 | 19,600 | 19,800 | 117 | 101 |
| OTH STS | 9,014 | 7,542 | 7,188 | 7,492 | 99 | 104 |
| U S | 81,528 | 66,470 | 76,764 | 74,653 | 112 | 97 |

AMERICAN CHEESE: PRODUCTION BY STATES, NOVEMBER 1979

| STATE | NOV 1977 | NOV 1978 | OCT 1979 | NOV 1979 | PERCENT OF | |
|---------|--------------|----------|----------|----------|------------|----------|
| | 1,000 POUNDS | | | | NOV 1978 | OCT 1979 |
| | | | | | PERCENT | |
| CALIF | 1,185 | 1,229 | 1,750 | 1,600 | 130 | 91 |
| IDAHO | 4,766 | 5,224 | 6,142 | 5,887 | 113 | 96 |
| ILL | 337 | 681 | 775 | 325 | 48 | 42 |
| IND | 1,850 | 2,268 | 3,150 | 2,676 | 118 | 85 |
| IOWA | 4,893 | 7,321 | 7,571 | 7,195 | 98 | 95 |
| KANS | 1,048 | 1,377 | 1,210 | 1,240 | 90 | 102 |
| KY | 2,706 | 2,233 | 3,305 | 2,797 | 125 | 85 |
| MICH | 1,709 | 1,721 | 1,700 | 1,600 | 93 | 94 |
| MINN | 25,467 | 31,972 | 32,750 | 33,895 | 106 | 103 |
| MO | 2,836 | 3,488 | 3,950 | 3,600 | 103 | 91 |
| NEBR | 2,131 | 1,669 | 1,476 | 1,364 | 82 | 92 |
| N Y | 4,676 | 4,830 | 6,460 | 5,555 | 115 | 86 |
| N DAK | 3,495 | 3,121 | 3,005 | 3,005 | 96 | 100 |
| OHIO | 2,128 | 2,149 | 2,262 | 1,856 | 86 | 82 |
| OREG | 1,963 | 2,251 | 2,700 | 2,600 | 116 | 96 |
| S DAK | 2,981 | 3,219 | 3,973 | 3,759 | 117 | 95 |
| TENN | 1,039 | 1,208 | 1,242 | 1,151 | 95 | 93 |
| UTAH | 2,837 | 2,693 | 3,306 | 3,113 | 116 | 94 |
| VT | 994 | 1,614 | 1,728 | 1,627 | 101 | 94 |
| WIS | 57,849 | 63,745 | 75,000 | 67,500 | 106 | 90 |
| OTH STS | 8,588 | 7,418 | 8,435 | 7,595 | 102 | 90 |
| U S | 135,478 | 151,431 | 171,890 | 159,940 | 106 | 93 |

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, NOVEMBER 1979

| PRODUCT | CCC PURCHASES (DELIVERY BASIS) | | | | UNCOMMITTED CCC INVENTORIES | |
|------------------|--------------------------------|----------|----------------------------------|----------------------------------|-----------------------------|-----------------|
| | NOV 1978 | NOV 1979 | OCT 1, 1978 THROUGH NOV 30, 1978 | OCT 1, 1979 THROUGH NOV 30, 1979 | NOV 30, 1978 | NOV 30, 1979 1/ |
| | 1,000 POUNDS | | | | | |
| BUTTER | 0 | 8,367 | 0 | 18,124 | 176,438 | 145,195 |
| CHEESE | 0 | 6,411 | 0 | 7,127 | 9,184 | 19,728 |
| NONFAT DRY MILK: | 4,894 | 23,564 | 11,821 | 42,183 | 538,456 | 408,367 |

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORMS AND WHICH WILL LATER BE COMMITTED TO PROGRAM USE: BUTTER IN ONE-POUND PACKAGES, 7,702,000 POUNDS; PROCESSED CHEESE, 14,347,000 POUNDS AND FORTIFIED NONFAT DRY MILK, 66,989,000 POUNDS.

ICE CREAM: PRODUCTION BY STATES, NOVEMBER 1979

| STATE | NOV | NOV | OCT | NOV | PERCENT OF | |
|---------------|--------|--------|--------|--------|------------|------|
| | 1977 | 1978 | 1979 | 1979 | NOV | OCT |
| 1,000 GALLONS | | | | | PERCENT | |
| | | | | | 1978 | 1979 |
| ALA | 791 | 918 | 1,104 | 901 | 98 | 82 |
| ARIZ | 503 | 499 | 516 | 431 | 86 | 84 |
| CALIF | 6,539 | 6,655 | 7,800 | 6,400 | 96 | 82 |
| COLO | 656 | 662 | 820 | 640 | 97 | 78 |
| CONN | 1,246 | 1,505 | 1,610 | 1,800 | 120 | 112 |
| FLA | 2,083 | 2,564 | 2,591 | 2,197 | 86 | 85 |
| GA | 373 | 394 | 517 | 379 | 96 | 73 |
| ILL | 2,988 | 2,776 | 3,060 | 2,500 | 90 | 82 |
| IND | 1,792 | 1,792 | 1,918 | 1,797 | 100 | 94 |
| IOWA | 753 | 834 | 1,248 | 920 | 110 | 74 |
| KANS | 556 | 500 | 576 | 482 | 96 | 84 |
| LA | 665 | 576 | 680 | 465 | 81 | 68 |
| MD 1/ | 1,090 | 1,458 | 1,625 | 1,150 | 79 | 71 |
| MASS | 3,262 | 3,053 | 3,160 | 2,950 | 97 | 93 |
| MICH | 2,547 | 2,330 | 2,850 | 2,400 | 103 | 84 |
| MINN | 2,449 | 2,517 | 2,970 | 2,380 | 95 | 80 |
| MO | 1,204 | 1,122 | 1,400 | 1,050 | 94 | 75 |
| NEBR | 875 | 771 | 854 | 733 | 95 | 86 |
| N J | 701 | 339 | 415 | 340 | 100 | 82 |
| N Y | 3,617 | 4,062 | 5,350 | 4,400 | 108 | 82 |
| N C | 1,660 | 1,727 | 2,215 | 1,750 | 101 | 79 |
| OHIO | 3,431 | 3,495 | 3,628 | 3,200 | 92 | 88 |
| OKLA | 549 | 580 | 836 | 578 | 100 | 69 |
| OREG | 521 | 578 | 680 | 580 | 100 | 85 |
| PA | 4,970 | 5,163 | 6,200 | 5,355 | 104 | 86 |
| S C | 1,049 | 752 | 748 | 713 | 95 | 95 |
| TENN | 1,218 | 1,234 | 1,478 | 1,272 | 103 | 86 |
| TEX | 2,484 | 2,507 | 3,212 | 2,493 | 99 | 78 |
| UTAH | 495 | 533 | 724 | 541 | 102 | 75 |
| VA | 612 | 559 | 646 | 540 | 97 | 84 |
| WASH | 1,149 | 1,102 | 1,322 | 1,207 | 110 | 91 |
| WIS | 1,180 | 1,299 | 1,400 | 1,400 | 108 | 100 |
| OTH STS | 2,733 | 2,478 | 2,841 | 2,307 | 93 | 81 |
| U S | 56,741 | 57,334 | 66,994 | 56,251 | 98 | 84 |

1/ INCLUDES DISTRICT OF COLUMBIA.

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

| REGION | PRICE PER 100 LB OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|-----------------|-----------------------------|----------|----------|--------------|----------|----------|----------------------------|----------|----------|
| | NOV 1978 | OCT 1979 | NOV 1979 | NOV 1978 | OCT 1979 | NOV 1979 | NOV 1978 | OCT 1979 | NOV 1979 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| NORTH CENTRAL | 10.20 | 10.98 | 11.19 | 3.78 | 3.53 | 3.76 | 2.70 | 3.02 | 2.98 |
| S ATL & CENTRAL | 10.34 | 11.30 | 11.47 | 3.91 | 3.73 | 3.83 | 2.64 | 3.03 | 2.99 |
| WEST | 10.08 | 10.96 | 11.40 | 3.57 | 3.40 | 3.57 | 2.82 | 3.22 | 3.19 |
| U S | 10.23 | 11.12 | 11.36 | 3.79 | 3.63 | 3.75 | 2.70 | 3.06 | 3.03 |

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,
NOVEMBER 1979

| PRODUCT | NOV | NOV | OCT | NOV | PERCENT OF | |
|---|---|--------|----------------|-----------|--------------|-------|
| | 1977 | 1978 | 1979 <u>4/</u> | 1979 | NOV | OCT |
| | | | | | 1978 | 1979 |
| | MANUFACTURERS' SHIPMENTS <u>1/</u> 1,000 POUNDS | | | | PERCENT | |
| DRY WHOLE MILK | 5,198 | 5,559 | 5,758 | 6,333 | 114 | 110 |
| NONFAT DRY MILK FOR HUMAN FOOD | 66,033 | 50,871 | 49,822 | 54,634 | 107 | 110 |
| DRY SKIM MILK FOR ANIMAL FEED | 633 | 316 | 576 | 567 | 179 | 98 |
| DRY BUTTERMILK, FOR HUMAN FOOD | 3,226 | 2,377 | 3,371 | 2,650 | 111 | 79 |
| DRY BUTTERMILK, TOTAL | 3,344 | 2,418 | 3,379 | 2,655 | 110 | 79 |
| | MANUFACTURERS' STOCKS, END-OF-MONTH <u>2/</u> 1,000 POUNDS | | | | PERCENT | |
| CANNED EVAPORATED AND CONDENSED WHOLE MILK | 100,990 | 84,383 | 118,773 | 89,141 | 106 | 75 |
| DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD | 5,917 | 3,721 | 4,908 | 4,910 | 132 | 100 |
| DRY SKIM MILK FOR ANIMAL FEED | 57,367 | 36,566 | 92,871 | 84,090 | 230 | 91 |
| DRY BUTTERMILK, FOR HUMAN FOOD | 2,672 | 807 | 1,667 | 2,117 | 262 | 127 |
| DRY BUTTERMILK, TOTAL | 3,661 | 2,224 | 3,531 | 4,121 | 185 | 117 |
| | MANUFACTURERS' SELLING PRICES <u>3/</u> CENTS PER POUND | | | | CHANGE-CENTS | |
| DRY WHOLE MILK | 83.75 | 97.29 | 105.20 | 105.34 | +8.05 | +0.14 |
| NONFAT DRY MILK FOR HUMAN FOOD | 67.98 | 74.73 | 83.42 | 84.04 | +9.31 | +0.62 |
| DRY SKIM MILK FOR ANIMAL FEED | 30.04 | 34.71 | 38.72 | 41.34 | +6.63 | +2.62 |
| DRY BUTTERMILK, FOR HUMAN FOOD | 62.03 | 71.93 | 77.67 | 78.33 | +6.40 | +0.66 |
| DRY BUTTERMILK, FOR ANIMAL FEED | 27.53 | 34.48 | 35.00 | <u>5/</u> | | |

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.

5/ NOT PUBLISHED TO AVOID DISCLOSURE OF INDIVIDUAL PLANT OPERATIONS.

MANUFACTURING GRADE MILK: AVERAGE PRICE AND FAT TEST
FOR MILK USED PRIMARILY FOR SPECIFIED USES, NOVEMBER 1979

| PRIMARY USE | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|--------------------|------------------------------|-------|-------|--------------|------|------|----------------------------|------|------|
| | NOV | OCT | NOV | NOV | OCT | NOV | NOV | OCT | NOV |
| | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| MILK FOR: | | | | | | | | | |
| BUTTER BY-PRODUCTS | 10.69 | 11.46 | 11.61 | 3.79 | 3.74 | 3.80 | 2.82 | 3.06 | 3.06 |
| AMERICAN CHEESE | 10.86 | 11.61 | 11.75 | 3.82 | 3.78 | 3.84 | 2.84 | 3.07 | 3.06 |
| MISC. CHEESE: | | | | | | | | | |
| SWISS | 11.04 | 11.80 | 12.00 | 3.83 | 3.75 | 3.84 | 2.88 | 3.15 | 3.13 |
| BRICK & MUNSTER | 11.19 | 11.81 | 12.07 | 3.87 | 3.80 | 3.90 | 2.89 | 3.11 | 3.09 |
| ITALIAN | 10.99 | 11.81 | 11.95 | 3.86 | 3.79 | 3.87 | 2.85 | 3.12 | 3.09 |
| ALL OTHER | 11.13 | 11.84 | 12.01 | 3.92 | 3.81 | 3.88 | 2.84 | 3.11 | 3.10 |
| ALL MISC. CHEESE | 11.04 | 11.80 | 11.98 | 3.86 | 3.78 | 3.87 | 2.86 | 3.12 | 3.10 |
| ALL CHEESE | 10.91 | 11.66 | 11.81 | 3.83 | 3.78 | 3.85 | 2.85 | 3.08 | 3.07 |

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, NOVEMBER 1979

| PRIMARY USE AND STATE | PRICE PER 100 LBS OF MILK 1/ | | | MILKFAT TEST | | | PRICE PER POUND OF MILKFAT | | |
|---------------------------------|------------------------------|-------|-------|--------------|------|------|----------------------------|------|------|
| | NOV | OCT | NOV | NOV | OCT | NOV | NOV | OCT | NOV |
| | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 | 1978 | 1979 | 1979 |
| | DOLLARS | | | PERCENT | | | DOLLARS | | |
| MILK FOR BUTTER AND BY-PRODUCTS | | | | | | | | | |
| CALIF | 10.30 | 11.10 | 11.40 | 4.01 | 3.94 | 4.04 | 2.57 | 2.82 | 2.82 |
| IOWA | 10.96 | 11.51 | 11.65 | 3.82 | 3.69 | 3.77 | 2.87 | 3.12 | 3.09 |
| MINN | 10.58 | 11.45 | 11.55 | 3.69 | 3.67 | 3.72 | 2.87 | 3.12 | 3.10 |
| WIS | 11.05 | 11.75 | 11.89 | 3.93 | 3.87 | 3.91 | 2.81 | 3.04 | 3.04 |
| U S | 10.69 | 11.46 | 11.61 | 3.79 | 3.74 | 3.80 | 2.82 | 3.06 | 3.06 |
| MILK FOR AMERICAN CHEESE | | | | | | | | | |
| IDAHO | 10.56 | 11.43 | 11.70 | 3.71 | 3.57 | 3.72 | 2.85 | 3.20 | 3.15 |
| IOWA | 10.75 | 11.83 | 11.85 | 3.78 | 3.74 | 3.79 | 2.84 | 3.16 | 3.13 |
| KANS | 10.45 | 11.40 | 11.81 | 3.84 | 3.69 | 3.87 | 2.72 | 3.09 | 3.05 |
| KY | 9.10 | 11.00 | 11.10 | 3.88 | 3.86 | 3.90 | 2.35 | 2.85 | 2.85 |
| MINN | 10.70 | 11.44 | 11.54 | 3.74 | 3.70 | 3.74 | 2.86 | 3.09 | 3.09 |
| MO | 10.00 | 11.00 | 11.10 | 3.80 | 3.70 | 3.80 | 2.63 | 2.97 | 2.92 |
| NEBR | 10.90 | 11.50 | 11.93 | 3.79 | 3.64 | 3.83 | 2.88 | 3.16 | 3.11 |
| N DAK | 10.40 | 11.10 | 11.10 | 3.77 | 3.68 | 3.73 | 2.76 | 3.02 | 2.98 |
| S DAK | 10.85 | 11.58 | 11.75 | 3.81 | 3.71 | 3.81 | 2.85 | 3.12 | 3.08 |
| TENN | 9.55 | 10.50 | 10.70 | 3.96 | 3.82 | 3.92 | 2.41 | 2.75 | 2.73 |
| WIS | 11.20 | 11.91 | 12.01 | 3.90 | 3.88 | 3.92 | 2.87 | 3.07 | 3.06 |
| U S | 10.86 | 11.61 | 11.75 | 3.82 | 3.78 | 3.84 | 2.84 | 3.07 | 3.06 |

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