
Dairy Products



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National Agricultural
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Department of
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OCTOBER 1987 HIGHLIGHTS

BUTTER production was 90.2 million pounds (40.9 thousand metric tons), 6 percent above October last year and 15 percent above September 1987.

AMERICAN TYPE CHEESE production totaled 218 million pounds (98.7 thousand metric tons), 11 percent above October 1986 and 5 percent above last month.

TOTAL CHEESE output (excluding cottage cheese) during October was 446 million pounds (202 thousand metric tons), 9 percent above October last year and 4 percent above last month.

CREAMED COTTAGE CHEESE production was 55.2 million pounds (25.0 thousand metric tons), 9 percent below October last year and 1 percent below last month.

LOWFAT COTTAGE CHEESE production was 21.7 million pounds (9830 metric tons), 2 percent below October 1986 and 6 percent below September 1987.

CANNED EVAPORATED AND CONDENSED WHOLE MILK production 46.3 million pounds (21.0 thousand metric tons) was 5 percent below October last year but 12 percent above September this year.

FROZEN DESSERTS: (Comparisons with October 1986)
Ice cream (hard) -- 65.4 million gallons (247 million liters), down 7 percent.
Ice milk -- 26.9 million gallons (102 million liters), up 10 percent.
Sherbet -- 2.96 million gallons (11.2 million liters), down 6 percent.

DRY MILK PRODUCTS: (Comparisons with October 1986)
Nonfat dry milk for human food -- 65.6 million pounds (29.8 thousand metric tons), down 5 percent.
Dry whole milk -- 15.6 million pounds (7100 metric tons), up 58 percent.
Dry buttermilk -- 4.55 million pounds (2060 metric tons), down 9 percent.

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* *
* The next issue of this report will be published January 6, 1988 *

BUTTER PACKAGING SURVEY

The results for August and September 1987 surveys are shown below. Total supply of butter includes butter produced, interplant movement and bulk packaged butter removed from manufacturers' owned storage. Supply is the sum of butter bulk packaged, printed, and used in other products.

MONTHLY BUTTER PACKAGING

| ITEM | AUG | SEP |
|---------------------------------------|-----------------------------|---------|
| | 1,000 pounds | |
| Total Supply | 107,256 | 121,077 |
| | PERCENT OF DISPOSITION | |
| Packed in Bulk | 34.1 | 32.2 |
| Printed | 61.2 | 64.2 |
| Used in Other Products | 4.7 | 3.6 |
| | PERCENT OF PRINTED | |
| Printed in: | | |
| Quarters | 35.8 | 35.8 |
| One Pound Solids | 43.7 | 40.7 |
| Individual Portions | 10.2 | 12.0 |
| Other Sizes | 10.3 | 11.5 |
| | PERCENT OF PACKAGED IN BULK | |
| Bulk Packaged: | | |
| Shipped to Other Plants | 27.3 | 24.6 |
| Shipped to Distributors & Wholesalers | 28.4 | 28.6 |
| Shipped to Food Processors | 15.3 | 11.2 |
| Others (Institutions, CCC, Storage) | 29.0 | 35.6 |

WHEY AND MODIFIED WHEY PRODUCTS: PRODUCTION, STOCKS,
AND PRICES 1/, UNITED STATES, OCTOBER 1987

| PRODUCT | OCT | SEP | OCT | PERCENT OF | |
|------------------------------------|--|--------|--------|--------------|------|
| | 1986 | 1987 | 1987 | OCT | SEP |
| | | | | 1986 | 1987 |
| | PRODUCTION | | | PERCENT | |
| | 1,000 POUNDS | | | | |
| CONDENSED WHEY, SOLIDS CONTENT 2/: | | | | | |
| SWEET-TYPE, HUMAN FOOD | 7,212 | 6,484 | 6,041 | 84 | 93 |
| SWEET-TYPE, ANIMAL FEED | 1,847 | 3,013 | 2,246 | 122 | 75 |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY, HUMAN FOOD | 65,308 | 69,285 | 68,872 | 105 | 99 |
| DRY WHEY, ANIMAL FEED | 12,334 | 17,656 | 16,325 | 132 | 92 |
| REDUCED LACTOSE AND MINERALS | | | | | |
| HUMAN FOOD | 4,043 | 5,123 | 5,494 | 136 | 107 |
| ANIMAL FEED | 1,763 | 2,235 | 1,978 | 112 | 89 |
| LACTOSE, HUMAN FOOD | 10,259 | 11,367 | 11,129 | 108 | 98 |
| LACTOSE, ANIMAL FEED | 1,103 | 922 | 858 | 78 | 93 |
| WHEY SOLIDS IN WET BLENDS | | | | | |
| HUMAN FOOD | 2,615 | 2,721 | 2,706 | 103 | 99 |
| ANIMAL FEED | 10,482 | 8,073 | 9,930 | 95 | 123 |
| WHEY PROTEIN CONCENTRATE | | | | | |
| HUMAN FOOD | 4,591 | 6,022 | 6,018 | 131 | 100 |
| ANIMAL FEED | 1,325 | 1,606 | 1,549 | 117 | 96 |
| | MANUFACTURERS' STOCKS, END OF MONTH 3/ | | | PERCENT | |
| | 1,000 POUNDS | | | | |
| DRY WHEY PRODUCTS | | | | | |
| DRY WHEY | | | | | |
| HUMAN FOOD | 32,272 | 21,116 | 22,023 | 68 | 104 |
| ANIMAL FEED | 15,791 | 7,755 | 8,489 | 54 | 109 |
| REDUCED LACTOSE AND MINERALS | | | | | |
| HUMAN AND ANIMAL 4/ | 17,553 | 9,692 | 8,910 | 51 | 92 |
| LACTOSE, HUMAN FOOD | 10,379 | 14,496 | 14,561 | 140 | 100 |
| LACTOSE, ANIMAL FEED | 790 | 1,533 | 1,671 | 212 | 109 |
| WHEY PROTEIN CONCENTRATE | | | | | |
| HUMAN FOOD | 2,697 | 3,035 | 2,579 | 96 | 85 |
| ANIMAL FEED | 120 | 70 | 86 | 72 | 123 |
| | MANUFACTURERS' SELLING PRICE 5/ | | | CENTS CHANGE | |
| | CENTS PER POUND | | | | |
| CONDENSED WHEY SOLIDS 2/ | | | | | |
| SWEET-TYPE, HUMAN FOOD | 8.2 | 17.5 | 16.9 | +8.7 | -0.6 |
| SWEET-TYPE, ANIMAL FEED | 3.0 | 4.0 | 6.0 | +3.0 | +2.0 |
| DRY WHEY, HUMAN FOOD | 14.3 | 28.1 | 28.4 | +14.1 | +0.3 |
| DRY WHEY, ANIMAL FEED | 11.4 | 21.5 | 22.4 | +11.0 | +0.9 |

1/ STOCKS AND PRICES 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/ STOCKS HELD BY MANUFACTURERS AT ALL POINTS AND IN TRANSIT. 4/ REDUCED LACTOSE AND MINERALS STOCKS COMBINED TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. 5/ PRICES FOR BULK GOODS, F.O.B. PLANT. AVERAGE MONTHLY PRICES REPORTED BY FIRMS.

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1986-87

| MONTH | BY MONTH | | | CUMULATIVE | | |
|-----------------|--------------|--------------|-------------------------------|--------------|--------------|-------------------------------|
| | 1986 | 1987 | : 1987 : AS % OF : 1986 | 1986 | 1987 | : 1987 : AS % OF : 1986 |
| | 1,000 POUNDS | 1,000 POUNDS | PERCENT | 1,000 POUNDS | 1,000 POUNDS | PERCENT |
| BUTTER | | | | | | |
| JAN | 136,712 | 109,218 | 80 | 136,712 | 109,218 | 80 |
| FEB | 119,343 | 97,835 | 82 | 256,055 | 207,053 | 81 |
| MAR | 119,190 | 107,588 | 90 | 375,245 | 314,641 | 84 |
| APR | 122,698 | 104,250 | 85 | 497,943 | 418,891 | 84 |
| MAY | 114,747 | 101,745 | 89 | 612,690 | 520,636 | 85 |
| JUN | 92,994 | 83,061 | 89 | 705,684 | 603,697 | 86 |
| JUL | 79,668 | 76,163 | 96 | 785,352 | 679,860 | 87 |
| AUG | 69,923 | 67,587 | 97 | 855,275 | 747,447 | 87 |
| SEP | 80,190 | 78,131 | 97 | 935,465 | 825,578 | 88 |
| OCT | 85,342 | 90,163 | 106 | 1,020,807 | 915,741 | 90 |
| NOV | 80,295 | | | 1,101,102 | | |
| DEC | 101,290 | | | 1,202,392 | | |
| AMERICAN CHEESE | | | | | | |
| JAN | 241,122 | 219,545 | 91 | 241,122 | 219,545 | 91 |
| FEB | 225,116 | 211,151 | 94 | 466,238 | 430,696 | 92 |
| MAR | 255,398 | 238,712 | 93 | 721,636 | 669,408 | 93 |
| APR | 264,840 | 245,961 | 93 | 986,476 | 915,369 | 93 |
| MAY | 281,942 | 264,274 | 94 | 1,268,418 | 1,179,643 | 93 |
| JUN | 262,018 | 246,105 | 94 | 1,530,436 | 1,425,748 | 93 |
| JUL | 242,063 | 240,554 | 99 | 1,772,499 | 1,666,302 | 94 |
| AUG | 219,227 | 208,541 | 95 | 1,991,726 | 1,874,843 | 94 |
| SEP | 198,207 | 206,488 | 104 | 2,189,933 | 2,081,331 | 95 |
| OCT | 196,382 | 217,649 | 111 | 2,386,315 | 2,298,980 | 96 |
| NOV | 194,134 | | | 2,580,449 | | |
| DEC | 217,711 | | | 2,798,160 | | |
| ITALIAN CHEESE | | | | | | |
| JAN | 134,310 | 135,117 | 101 | 134,310 | 135,117 | 101 |
| FEB | 121,007 | 132,585 | 110 | 255,317 | 267,702 | 105 |
| MAR | 139,129 | 150,107 | 108 | 394,446 | 417,809 | 106 |
| APR | 134,080 | 149,181 | 111 | 528,526 | 566,990 | 107 |
| MAY | 135,903 | 153,078 | 113 | 664,429 | 720,068 | 108 |
| JUN | 132,488 | 149,107 | 113 | 796,917 | 869,175 | 109 |
| JUL | 130,504 | 150,460 | 115 | 927,421 | 1,019,635 | 110 |
| AUG | 136,862 | 145,820 | 107 | 1,064,283 | 1,165,455 | 110 |
| SEP | 141,585 | 148,807 | 105 | 1,205,868 | 1,314,262 | 109 |
| OCT | 139,253 | 150,260 | 108 | 1,345,121 | 1,464,522 | 109 |
| NOV | 136,511 | | | 1,481,632 | | |
| DEC | 151,206 | | | 1,632,838 | | |
| TOTAL CHEESE | | | | | | |
| JAN | 433,883 | 413,560 | 95 | 433,883 | 413,560 | 95 |
| FEB | 399,916 | 400,865 | 100 | 833,799 | 814,425 | 98 |
| MAR | 457,058 | 455,928 | 100 | 1,290,857 | 1,270,353 | 98 |
| APR | 459,485 | 458,319 | 100 | 1,750,342 | 1,728,672 | 99 |
| MAY | 482,454 | 484,700 | 100 | 2,232,796 | 2,213,372 | 99 |
| JUN | 457,415 | 463,785 | 101 | 2,690,211 | 2,677,157 | 100 |
| JUL | 436,580 | 458,119 | 105 | 3,126,791 | 3,135,276 | 100 |
| AUG | 421,723 | 423,544 | 100 | 3,548,514 | 3,558,820 | 100 |
| SEP | 410,108 | 427,007 | 104 | 3,958,622 | 3,985,827 | 101 |
| OCT | 410,164 | 445,719 | 109 | 4,368,786 | 4,431,546 | 101 |
| NOV | 400,971 | | | 4,769,757 | | |
| DEC | 439,412 | | | 5,209,169 | | |

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1986-87

| MONTH | BY MONTH | | | CUMULATIVE | | |
|--------------------------------------|---------------|--------|-------------------------|---------------|---------|-------------------------|
| | 1986 | 1987 | 1987 AS % OF 1986 | 1986 | 1987 | 1987 AS % OF 1986 |
| | 1,000 GALLONS | | PERCENT | 1,000 GALLONS | | PERCENT |
| ICE CREAM (HARD) | | | | | | |
| JAN | 59,554 | 57,564 | 97 | 59,554 | 57,564 | 97 |
| FEB | 63,630 | 65,954 | 104 | 123,184 | 123,518 | 100 |
| MAR | 73,739 | 76,461 | 104 | 196,923 | 199,979 | 102 |
| APR | 76,497 | 78,331 | 102 | 273,420 | 278,310 | 102 |
| MAY | 84,013 | 82,250 | 98 | 357,433 | 360,560 | 101 |
| JUN | 88,617 | 93,516 | 106 | 446,050 | 454,076 | 102 |
| JUL | 92,131 | 93,569 | 102 | 538,181 | 547,645 | 102 |
| AUG | 87,305 | 85,320 | 98 | 625,486 | 632,965 | 101 |
| SEP | 74,782 | 76,776 | 103 | 700,268 | 709,741 | 101 |
| OCT | 70,278 | 65,370 | 93 | 770,546 | 775,111 | 101 |
| NOV | 57,907 | | | 828,453 | | |
| DEC | 58,249 | | | 886,702 | | |
| ICE MILK | | | | | | |
| JAN | 18,979 | 19,444 | 102 | 18,979 | 19,444 | 102 |
| FEB | 19,499 | 21,078 | 108 | 38,478 | 40,522 | 105 |
| MAR | 25,781 | 27,354 | 106 | 64,259 | 67,876 | 106 |
| APR | 28,908 | 30,257 | 105 | 93,167 | 98,133 | 105 |
| MAY | 32,640 | 32,039 | 98 | 125,807 | 130,172 | 103 |
| JUN | 33,833 | 35,714 | 106 | 159,640 | 165,886 | 104 |
| JUL | 35,113 | 36,969 | 105 | 194,753 | 202,855 | 104 |
| AUG | 32,324 | 33,322 | 103 | 227,077 | 236,177 | 104 |
| SEP | 26,116 | 27,968 | 107 | 253,193 | 264,145 | 104 |
| OCT | 24,352 | 26,874 | 110 | 277,545 | 291,019 | 105 |
| NOV | 18,276 | | | 295,821 | | |
| DEC | 18,852 | | | 314,673 | | |
| SHERBET (HARD) | | | | | | |
| JAN | 2,965 | 2,914 | 98 | 2,965 | 2,914 | 98 |
| FEB | 3,065 | 2,941 | 96 | 6,030 | 5,855 | 97 |
| MAR | 3,744 | 3,695 | 99 | 9,774 | 9,550 | 98 |
| APR | 4,219 | 4,443 | 105 | 13,993 | 13,993 | 100 |
| MAY | 4,919 | 4,545 | 92 | 18,912 | 18,538 | 98 |
| JUN | 5,383 | 5,346 | 99 | 24,295 | 23,884 | 98 |
| JUL | 5,781 | 5,408 | 94 | 30,076 | 29,292 | 97 |
| AUG | 4,740 | 4,663 | 98 | 34,816 | 33,955 | 98 |
| SEP | 3,673 | 3,804 | 104 | 38,489 | 37,759 | 98 |
| OCT | 3,151 | 2,957 | 94 | 41,640 | 40,716 | 98 |
| NOV | 2,575 | | | 44,215 | | |
| DEC | 3,016 | | | 47,231 | | |
| MELLORINE-TYPE FROZEN DESSERT | | | | | | |
| JAN | 470 | 579 | 123 | 470 | 579 | 123 |
| FEB | 584 | 628 | 108 | 1,054 | 1,207 | 115 |
| MAR | 811 | 769 | 95 | 1,865 | 1,976 | 106 |
| APR | 815 | 747 | 92 | 2,680 | 2,723 | 102 |
| MAY | 874 | 892 | 102 | 3,554 | 3,615 | 102 |
| JUN | 847 | 1,083 | 128 | 4,401 | 4,698 | 107 |
| JUL | 920 | 1,092 | 119 | 5,321 | 5,790 | 109 |
| AUG | 867 | 990 | 114 | 6,188 | 6,780 | 110 |
| SEP | 754 | 864 | 115 | 6,942 | 7,644 | 110 |
| OCT | 736 | 626 | 85 | 7,678 | 8,270 | 108 |
| NOV | 369 | | | 8,047 | | |
| DEC | 382 | | | 8,429 | | |

PRODUCTION OF DAIRY PRODUCTS, UNITED STATES, 1986-87

| MONTH | BY MONTH | | | CUMULATIVE | | |
|------------------------|---------------|---------|-------------------------|--------------|---------|-------------------------|
| | 1986 | 1987 | 1987 AS % OF 1986 | 1986 | 1987 | 1987 AS % OF 1986 |
| | 1,000' POUNDS | | PERCENT | 1,000 POUNDS | | PERCENT |
| NONFAT DRY MILK | | | | | | |
| HUMAN FOOD | | | | | | |
| JAN | 122,446 | 82,105 | 67 | 122,446 | 82,105 | 67 |
| FEB | 113,920 | 80,295 | 70 | 236,366 | 162,400 | 69 |
| MAR | 127,210 | 87,802 | 69 | 363,576 | 250,202 | 69 |
| APR | 139,055 | 101,443 | 73 | 502,631 | 351,645 | 70 |
| MAY | 147,417 | 118,635 | 80 | 650,048 | 470,280 | 72 |
| JUN | 133,670 | 104,828 | 78 | 783,718 | 575,108 | 73 |
| JUL | 110,940 | 98,571 | 89 | 894,658 | 673,679 | 75 |
| AUG | 90,380 | 79,996 | 89 | 985,038 | 753,675 | 77 |
| SEP | 74,265 | 65,667 | 88 | 1,059,303 | 819,342 | 77 |
| OCT | 68,764 | 65,630 | 95 | 1,128,067 | 884,972 | 78 |
| NOV | 66,691 | | | 1,194,758 | | |
| DEC | 89,385 | | | 1,284,143 | | |
| TOTAL DRY WHEY 1/ | | | | | | |
| JAN | 87,567 | 80,414 | 92 | 87,567 | 80,414 | 92 |
| FEB | 79,825 | 76,868 | 96 | 167,392 | 157,282 | 94 |
| MAR | 91,853 | 90,882 | 99 | 259,245 | 248,164 | 96 |
| APR | 92,806 | 90,322 | 97 | 352,051 | 338,486 | 96 |
| MAY | 98,168 | 98,842 | 101 | 450,219 | 437,328 | 97 |
| JUN | 98,325 | 93,392 | 95 | 548,544 | 530,720 | 97 |
| JUL | 89,510 | 88,449 | 99 | 638,054 | 619,169 | 97 |
| AUG | 82,816 | 83,803 | 101 | 720,870 | 702,972 | 98 |
| SEP | 79,195 | 86,941 | 110 | 800,065 | 789,913 | 99 |
| OCT | 77,642 | 85,197 | 110 | 877,707 | 875,110 | 100 |
| NOV | 72,044 | | | 949,751 | | |
| DEC | 81,282 | | | 1,031,033 | | |
| CREAMED COTTAGE CHEESE | | | | | | |
| JAN | 59,348 | 55,566 | 94 | 59,348 | 55,566 | 94 |
| FEB | 55,630 | 52,686 | 95 | 114,978 | 108,252 | 94 |
| MAR | 60,257 | 59,087 | 98 | 175,235 | 167,339 | 95 |
| APR | 62,083 | 58,842 | 95 | 237,318 | 226,181 | 95 |
| MAY | 63,321 | 58,553 | 92 | 300,639 | 284,734 | 95 |
| JUN | 59,616 | 59,141 | 99 | 360,255 | 343,875 | 95 |
| JUL | 62,944 | 58,986 | 94 | 423,199 | 402,861 | 95 |
| AUG | 61,221 | 57,451 | 94 | 484,420 | 460,312 | 95 |
| SEP | 57,615 | 55,875 | 97 | 542,035 | 516,187 | 95 |
| OCT | 60,361 | 55,212 | 91 | 602,396 | 571,399 | 95 |
| NOV | 51,160 | | | 653,556 | | |
| DEC | 51,263 | | | 704,819 | | |
| LOWFAT COTTAGE CHEESE | | | | | | |
| JAN | 20,807 | 21,149 | 102 | 20,807 | 21,149 | 102 |
| FEB | 21,219 | 21,229 | 100 | 42,026 | 42,378 | 101 |
| MAR | 22,267 | 22,848 | 103 | 64,293 | 65,226 | 101 |
| APR | 23,642 | 22,792 | 96 | 87,935 | 88,018 | 100 |
| MAY | 25,316 | 22,719 | 90 | 113,251 | 110,737 | 98 |
| JUN | 23,564 | 23,149 | 98 | 136,815 | 133,886 | 98 |
| JUL | 24,055 | 22,463 | 93 | 160,870 | 156,349 | 97 |
| AUG | 23,383 | 22,985 | 98 | 184,253 | 179,334 | 97 |
| SEP | 22,202 | 22,972 | 103 | 206,455 | 202,306 | 98 |
| OCT | 22,029 | 21,671 | 98 | 228,484 | 223,977 | 98 |
| NOV | 18,977 | | | 247,461 | | |
| DEC | 18,014 | | | 265,475 | | |

1/ EXCLUDES ALL MODIFIED DRY WHEY PRODUCTS.

AMERICAN CHEESE: PRODUCTION BY STATES, OCTOBER 1987

| STATE | OCT | SEP | OCT | PERCENT OF | |
|---------|--------------|---------|---------|------------|-----|
| | 1986 | 1987 | 1987 | OCT | SEP |
| | 1,000 POUNDS | | | PERCENT | |
| CALIF | 14,968 | 16,200 | 17,200 | 115 | 106 |
| IDAHO | 7,118 | 8,360 | 8,103 | 114 | 97 |
| IND | 2,888 | 2,547 | 2,941 | 102 | 115 |
| IOWA | 8,766 | 9,821 | 9,614 | 110 | 98 |
| KANS | 1,486 | 1,406 | 1,523 | 102 | 108 |
| KY | 1,661 | 1,591 | 1,743 | 105 | 110 |
| MICH | 2,290 | 1,968 | 1,259 | 55 | 64 |
| MINN | 34,192 | 37,386 | 42,610 | 125 | 114 |
| MO | 3,831 | 4,380 | 4,575 | 119 | 104 |
| NEBR | 1,387 | 895 | 928 | 67 | 104 |
| N Y | 5,220 | 6,600 | 6,250 | 120 | 95 |
| N DAK | 3,159 | 3,400 | 3,300 | 104 | 97 |
| OHIO | 2,289 | 1,120 | 1,800 | 79 | 161 |
| OREG | 1,719 | 2,465 | 2,330 | 136 | 95 |
| S DAK | 5,975 | 5,684 | 5,765 | 96 | 101 |
| UTAH | 2,128 | 2,265 | 2,749 | 129 | 121 |
| WASH | 2,869 | 3,192 | 3,594 | 125 | 113 |
| WIS | 79,297 | 80,800 | 83,500 | 105 | 103 |
| OTH STS | 15,139 | 16,408 | 17,865 | 118 | 109 |
| U S | 196,382 | 206,488 | 217,649 | 111 | 105 |

BUTTER: PRODUCTION BY STATES, OCTOBER 1987

| STATE | OCT | SEP | OCT | PERCENT OF | |
|---------|--------------|--------|--------|------------|-----|
| | 1986 | 1987 | 1987 | OCT | SEP |
| | 1,000 POUNDS | | | PERCENT | |
| CALIF | 16,073 | 18,000 | 17,900 | 111 | 99 |
| KANS | 1,002 | 826 | 1,076 | 107 | 130 |
| MICH | 2,117 | 1,819 | 1,991 | 94 | 109 |
| MINN | 12,524 | 10,168 | 11,197 | 89 | 110 |
| MO | 1,994 | 1,174 | 1,072 | 54 | 91 |
| N Y | 2,104 | 1,559 | 1,606 | 76 | 103 |
| N DAK | 411 | 410 | 490 | 119 | 120 |
| OHIO | 1,195 | 852 | 1,302 | 109 | 153 |
| OREG | 1,272 | 1,080 | 1,100 | 86 | 102 |
| PA | 3,689 | 2,925 | 3,825 | 104 | 131 |
| UTAH | 744 | 705 | 792 | 106 | 112 |
| WASH | 6,674 | 5,828 | 6,184 | 93 | 106 |
| WIS | 20,586 | 18,500 | 23,000 | 112 | 124 |
| OTH STS | 14,957 | 14,285 | 18,628 | 125 | 130 |
| U S | 85,342 | 78,131 | 90,163 | 106 | 115 |

ICE CREAM (HARD): PRODUCTION BY STATES, OCTOBER 1987

| STATE | OCT | SEP | OCT | PERCENT OF | |
|---------|---------------|--------|--------|------------|------|
| | 1986 | 1987 | 1987 | OCT | SEP |
| | 1,000 GALLONS | | | PERCENT | |
| | | | | 1986 | 1987 |
| ALA | 1,562 | 2,050 | 1,588 | 102 | 77 |
| ARIZ | 546 | 521 | 572 | 105 | 110 |
| CALIF | 7,995 | 8,600 | 7,900 | 99 | 92 |
| COLO | 763 | 797 | 962 | 126 | 121 |
| FLA | 2,750 | 1,880 | 1,750 | 64 | 93 |
| GA | 732 | 634 | 695 | 95 | 110 |
| ILL | 2,316 | 2,110 | 1,765 | 76 | 84 |
| IND | 2,010 | 1,940 | 1,778 | 88 | 92 |
| IOWA | 2,101 | 1,792 | 1,499 | 71 | 84 |
| KANS | 674 | 787 | 564 | 84 | 72 |
| LA | 621 | 780 | 500 | 81 | 64 |
| MD 1/ | 1,395 | 1,371 | 1,289 | 92 | 94 |
| MASS | 3,280 | 4,875 | 3,382 | 103 | 69 |
| MICH | 2,522 | 2,800 | 2,100 | 83 | 75 |
| MINN | 3,048 | 3,490 | 3,189 | 105 | 91 |
| MO | 1,555 | 1,200 | 1,340 | 86 | 112 |
| N J | 1,253 | 1,900 | 1,725 | 138 | 91 |
| N Y | 3,660 | 3,820 | 3,050 | 83 | 80 |
| N C | 2,602 | 2,855 | 2,285 | 88 | 80 |
| OHIO | 3,430 | 3,900 | 3,400 | 99 | 87 |
| OKLA | 962 | 1,065 | 879 | 91 | 83 |
| OREG | 577 | 690 | 610 | 106 | 88 |
| PA | 6,846 | 7,680 | 7,145 | 104 | 93 |
| S C | 1,129 | 1,328 | 1,304 | 116 | 98 |
| TENN | 1,730 | 1,945 | 1,225 | 71 | 63 |
| TEX | 4,129 | 4,857 | 3,559 | 86 | 73 |
| UTAH | 700 | 950 | 842 | 120 | 89 |
| VA | 1,140 | 1,412 | 1,300 | 114 | 92 |
| WASH | 1,388 | 1,400 | 1,213 | 87 | 87 |
| WIS | 1,555 | 2,050 | 1,700 | 109 | 83 |
| OTH STS | 5,307 | 5,297 | 4,260 | 80 | 80 |
| U S | 70,278 | 76,776 | 65,370 | 93 | 85 |

1/ INCLUDES DISTRICT OF COLUMBIA.

CANNED MILK AND DRY MILK PRODUCTS: MANUFACTURERS' SHIPMENTS,
STOCKS AND SELLING PRICES, OCTOBER 1987

| PRODUCT | OCT | SEP | OCT | PERCENT OF | |
|---|---|--------|--------|--------------|--------|
| | 1986 | 1987 | 1987 | OCT | SEP |
| | MANUFACTURERS' SHIPMENTS 1/ 1,000 POUNDS | | | PERCENT | |
| DRY WHOLE MILK | 9,408 | 12,384 | 11,974 | 127 | 97 |
| NONFAT DRY MILK FOR HUMAN FOOD | 80,773 | 67,311 | 69,457 | 86 | 103 |
| DRY SKIM MILK FOR ANIMAL FEED | 830 | 628 | 1,564 | 188 | 249 |
| DRY BUTTERMILK, FOR HUMAN FOOD | 5,136 | 3,685 | 4,784 | 93 | 130 |
| | MANUFACTURERS' STOCKS, END-OF-MONTH 2/ 4/ 1,000 POUNDS | | | PERCENT | |
| CANNED EVAPORATED: AND CONDENSED WHOLE MILK | 87,793 | 85,548 | 64,158 | 73 | 75 |
| DRY WHOLE MILK NONFAT DRY MILK FOR HUMAN FOOD | 4,275 | 5,669 | 6,404 | 150 | 113 |
| DRY SKIM MILK FOR ANIMAL FEED | 39,892 | 55,096 | 44,992 | 113 | 82 |
| DRY BUTTERMILK, TOTAL | 1,431 | 1,087 | 1,010 | 71 | 93 |
| | 2,344 | 2,734 | 3,252 | 139 | 119 |
| | MANUFACTURERS' SELLING PRICES 3/ CENTS PER POUND | | | CHANGE CENTS | |
| DRY WHOLE MILK | 114.86 | 113.53 | 115.70 | + .84 | + 2.17 |
| NONFAT DRY MILK FOR HUMAN FOOD | 81.05 | 80.14 | 79.30 | - 1.75 | - .84 |
| DRY SKIM MILK FOR ANIMAL FEED | 38.06 | 42.50 | 38.27 | + .21 | - 4.23 |
| DRY BUTTERMILK, FOR HUMAN FOOD | 56.39 | 76.87 | 76.39 | + 20.00 | - .48 |

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.

USDA DAIRY SUPPORT PROGRAM ACTIVITIES, UNITED STATES, OCTOBER 1987

| PRODUCT | CCC PURCHASES (DELIVERY BASIS) | | UNCOMMITTED CCC INVENTORIES | |
|---------------------------------|-----------------------------------|-------------|--------------------------------|--------------------|
| | OCT 1986 | OCT 1987 | OCT 31, 1986 | OCT 31, 1987 1/ |
| | 1,000 POUNDS | | | |
| BUTTER | 0 | 22,240 | 172,791 | 71,836 |
| CHEESE 2/ NONFAT DRY MILK | 9,658 | 22,373 | 492,729 | 85,010 |
| | 22,448 | 30,392 | 587,698 | 36,969 |

1/ INCLUDES THE FOLLOWING QUANTITIES IN SPECIAL CONTAINERS OR FORM WHICH CAN LATER BE COMMITTED TO PROGRAM USES: PRINT BUTTER 7,592,422 POUNDS; PROCESS CHEESE 23,853,140 POUNDS; AND FORTIFIED NONFAT DRY MILK 12,099,105 POUNDS.
2/ AMERICAN AND MOZZARELLA CHEESE.

