

EVAPORATED, CONDENSED AND DRY MILK REPORT FOR MAY 1968

June 28, 1968

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk in May 1968 is estimated at 146 million pounds by the Crop Reporting Board. This output was 13 percent below a year earlier, 29 percent less than the 1962-66 May average, and the lowest for the month since 1926. Production for the first five months of 1968 totaled 540.6 million pounds, 16 percent below the comparable period in 1967.

May production of canned sweetened condensed whole milk was 6.7 million pounds, 3 percent less than a year earlier and 28 percent less than average. The January through May production of 34.1 million pounds was up 36 percent from the corresponding period last year.

Table 1.-Production of evaporated whole milk, United States

| Month | Enumerations | | Estimates | | Change from-- | |
|------------------|-----------------------|---------|-----------|-------|----------------|------|
| | 1962-66 av. | 1966 | 1967 | 1968 | 1962-66 av. | 1967 |
| | <u>Million pounds</u> | | | | <u>Percent</u> | |
| January | 126.7 | 115.4 | 105.2 | 86.5 | -32 | -18 |
| February | 124.0 | 113.7 | 102.6 | 85.8 | -31 | -16 |
| March | 145.2 | 142.2 | 119.8 | 96.7 | -33 | -19 |
| April | 166.2 | 158.9 | 146.5 | 125.6 | -24 | -14 |
| May | 204.6 | 188.0 | 167.2 | 146.0 | -29 | -13 |
| Five-month total | 766.7 | 718.2 | 641.3 | 540.6 | -29 | -16 |
| June | 200.5 | 191.7 | 173.3 | | | |
| July | 175.1 | 155.8 | 152.0 | | | |
| August | 165.7 | 160.3 | 141.9 | | | |
| September | 138.8 | 133.4 | 115.5 | | | |
| October | 130.3 | 123.6 | 97.0 | | | |
| November | 116.9 | 104.9 | 85.0 | | | |
| December | 126.7 | 108.2 | 92.9 | | | |
| Annual total ... | 1,820.7 | 1,696.1 | 1,498.9 | | | |

DRY MILK: Nonfat dry milk production (spray and roller process combined) is estimated at 191.8 million pounds for May, down about 2 percent from a year earlier and 20 percent below the May average. The January-May total of 764.5 million pounds was 2 percent below the same period in 1967.

Production of spray process nonfat dry milk was 189 million pounds, 0.5 percent below May 1967 and 17 percent below average. Total output for the first five months of this year, at 751 million pounds, was down 1 percent from a year earlier.

Table 2.--Production of nonfat dry milk (human food, total), United States

| Month | Enumerations | | Estimates | | Change from-- | |
|-------------------|-----------------------|---------|-----------|-------|----------------|------|
| | 1962-66 av. | 1966 | 1967 | 1968 | 1962-66 av. | 1967 |
| | <u>Million pounds</u> | | | | <u>Percent</u> | |
| January | 172.2 | 132.3 | 135.2 | 128.9 | -25 | - 5 |
| February | 166.8 | 124.0 | 129.6 | 129.1 | -23 | 0 |
| March | 191.8 | 145.8 | 145.7 | 145.5 | -24 | 0 |
| April | 206.5 | 165.9 | 173.0 | 169.2 | -18 | - 2 |
| May | 238.5 | 188.2 | 195.1 | 191.8 | -20 | - 2 |
| Five-month total | 975.8 | 756.2 | 778.6 | 764.5 | -22 | - 2 |
| June | 227.9 | 192.6 | 202.4 | | | |
| July | 171.8 | 131.8 | 157.5 | | | |
| August | 139.7 | 112.6 | 130.1 | | | |
| September | 112.5 | 88.5 | 100.3 | | | |
| October | 117.3 | 94.0 | 100.8 | | | |
| November | 121.6 | 94.3 | 100.6 | | | |
| December | 152.8 | 125.1 | 123.9 | | | |
| Annual total | 2,019.4 | 1,595.1 | 1,694.2 | | | |

Roller-dried nonfat milk output in May was 2.8 million pounds, 45 percent less than a year earlier and 76 percent less than average.

Dry whole milk production, at 9.6 million pounds, was down 6 percent from May last year, but 12 percent above average. January-May output of 39.8 million pounds was 1 percent below the comparable period in 1967.

May production of dry buttermilk totaled 7.6 million pounds, 13 percent more than a year earlier, but 19 percent less than average. The January-May total of 32 million pounds was unchanged from the corresponding months last year.

Production of dry skim milk for animal feed was 2.4 million pounds, up 9 percent from May 1967, but 7 percent below average.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on May 31 totaled 106 million pounds, 39 percent less than holdings on the same date last year and 29 percent below average for the date. Inventories of canned sweetened condensed whole milk, at 2.6 million pounds, were about one-fourth of a year earlier and one-third of the May 31 average.

Prices paid by condenseries to producers during May averaged \$4.16 per hundred-weight for milk having an average milkfat content of 3.71 percent. This is equivalent to \$1.12 per pound of milkfat--unchanged from a month earlier, but 6 cents above May 1967.

Whole milk purchases in May, as reported by condenseries for which historical data are available, totaled 287 million pounds from about 30,000 producers. The average daily purchase per producer was 308 pounds--an increase of 11.4 percent from May 1967 and 18.6 percent above average.

Selling prices of evaporated whole milk in May, as reported by manufacturers, averaged \$7.30 per case of forty-eight 14½ oz. cans--8 cents above the preceding month and 25 cents above May 1967.

DRY MILK: Stocks of nonfat dry milk for human consumption held by manufacturers on May 31 totaled 118 million pounds--down 14 percent from a year earlier and 13 percent below average for the date. Holdings of spray-dried nonfat, at 117 million pounds, were 13 percent less than on May 31, 1967 and 10 percent less than average. Dry whole milk stocks totaled 9.1 million pounds--down 17 percent from a year earlier, but 23 percent above average. The inventory of dry buttermilk, at 4.2 million pounds, was 69 percent below May 31 last year and 50 percent less than average for the date.

Shipments of spray and roller process nonfat dry milk for human use totaled 135.7 million pounds during May--2 percent less than in April and 9 percent less than in May 1967. Movement of spray-dried nonfat, at 134.5 million pounds, comprised 99 percent of the combined shipments. Dry whole milk shipments totaled 6.5 million pounds--28 percent more than in April and 6 percent above May a year earlier. Shipments of dry buttermilk in May were 4.9 million pounds, up 23 percent from a month earlier and 34 percent above May 1967.

Selling prices for spray and roller process (combined) nonfat dry milk averaged 23.07 cents per pound in May, up 0.4 cent. from April, up 3.1 cents from May last year and 8.0 cents above the May average. Spray process prices averaged 23.07 cents, compared with 22.66 cents in April 1968 and 19.94 cents in May 1967. The roller-dried nonfat milk average price was 22.52 cents per pound, up 0.2 cent from the preceding month and 2.9 cents above a year earlier.

Prices for dry buttermilk (human food and animal feed combined) averaged 21.04 cents per pound in May, up 0.5 cent from April and up 3.6 cents from a year earlier. Dry whole milk prices for all package and container sizes averaged 42.93 cents per pound, 0.5 cent more than a month earlier and 3.0 cents more than in May 1967.

- - - - -
 USDA Nonfat Dry Milk Purchases as Reported by ASCS
 - Delivery basis -

| Nonfat Dry milk | May 1968 | Cumulative | |
|-----------------|----------------------------|-------------------------------|-------------------------------|
| | | April 1, 1967 May 31, 1967 | April 1, 1968 May 31, 1968 |
| Purchases | <u>Mil. pounds</u> 68.9 | <u>Mil. pounds</u> 138.0 | <u>Mil. pounds</u> 129.0 |

Uncommitted inventories on June 21, 1968 totaled 245.4 million pounds.

Table 3.-Evaporated, condensed, and dry milk: Production, May 1968, with comparisons

| Commodity | May 1967 ^{1/} | May 1968 ^{1/} | | | Jan.-May 1968 | |
|--|------------------------|------------------------|-----------------------|----------|---------------|---------------------------|
| | | Total | Change from-- | | Total | Change from Jan.-May 1967 |
| | | | May 1962-1966 average | May 1967 | | |
| | 1,000 pounds | 1,000 pounds | Percent | Percent | 1,000 pounds | Percent |
| Evaporated and condensed milk: | | | | | | |
| Evaporated whole (case goods).. | 167,200 | 146,000 | -29 | -13 | 540,600 | -16 |
| Sweetened condensed whole (case goods).. | 6,900 | 6,700 | -28 | -3 | 34,100 | +36 |
| Dry milk: | | | | | | |
| Dry whole milk..... | 10,200 | 9,600 | +12 | -6 | 39,800 | -1 |
| Nonfat dry milk (human food): | | | | | | |
| Spray process..... | 190,000 | 189,000 | -17 | -1 | 751,000 | -1 |
| Roller process..... | 5,100 | 2,800 | -76 | -45 | 13,500 | -34 |
| Total..... | 195,100 | 191,800 | -20 | -2 | 764,500 | -2 |
| Dry skim milk (animal feed).... | 2,200 | 2,400 | -7 | +9 | 10,300 | -2 |
| Dry buttermilk..... | 6,700 | 7,600 | -19 | +13 | 32,000 | 0 |

^{1/} Estimates subject to revision when enumerations are available for 1967.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks, May 31, 1968 with comparisons ^{1/}

| Commodity | Average May 31, 1962-66 | May 31, 1967 ^{2/} | May 31, 1968 | | |
|--|-------------------------|----------------------------|--------------|---------------------|--------------|
| | | | Total | Change from--- | |
| | | | | May 31, 1962-66 av. | May 31, 1967 |
| | 1,000 pounds | 1,000 pounds | 1,000 pounds | Percent | Percent |
| Evaporated and condensed milk: | | | | | |
| Evaporated whole (case goods).. | 149,185 | 174,151 | 106,233 | -29 | -39 |
| Sweetened condensed whole (case goods).. | 7,842 | 10,989 | 2,629 | -66 | -76 |
| Dry milk: | | | | | |
| Dry whole milk..... | 7,393 | 10,920 | 9,106 | +23 | -17 |
| Nonfat dry milk (human food): | | | | | |
| Spray process..... | 129,116 | 133,712 | 116,689 | -10 | -13 |
| Roller process..... | 6,761 | 3,921 | 1,303 | -81 | -67 |
| Total..... | 135,877 | 137,633 | 117,992 | -13 | -14 |
| Dry skim milk (animal feed).... | 1,206 | 1,833 | 1,094 | -9 | -40 |
| Dry buttermilk..... | 8,401 | 13,247 | 4,165 | -50 | -69 |

^{1/} Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.

^{2/} Revised.

Table 5.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, May 1968 ^{1/}

| Price per pound ^{2/} | Nonfat dry milk, human food (bulk goods) | | Dry skim milk for animal feed | Dry buttermilk | | Dry whole milk ^{4/} |
|-------------------------------|--|----------------|-------------------------------|----------------|-------------|------------------------------|
| | Spray process ^{3/} | Roller process | | Human food | Animal feed | |
| Cents | Pounds | Pounds | Pounds | Pounds | Pounds | Pounds |
| 7-7½ | - | - | 2,200 | - | - | - |
| 7½-8 | - | - | 11,562 | - | - | - |
| 8½-9 | - | - | 81,231 | - | - | - |
| 10-10½ | - | - | 41,358 | - | - | - |
| 12-12½ | - | - | 7,600 | - | - | - |
| 13-13½ | - | - | - | - | 68,000 | - |
| 13½-14 | - | - | - | - | 45,850 | - |
| 14-14½ | - | - | 2,000 | 1,537 | 2,878 | - |
| 14½-15 | - | - | 6,900 | - | - | - |
| 15-15½ | - | - | 79,833 | - | - | - |
| 15½-16 | - | - | - | - | 64,060 | - |
| 16-16½ | - | - | 20,626 | - | 9,100 | - |
| 16½-17 | - | - | 4,800 | - | - | - |
| 17-17½ | - | - | 32,530 | - | 15,050 | - |
| 17½-18 | - | - | 76,138 | 35,529 | 64,000 | - |
| 18-18½ | 913,950 | - | 6,818 | - | - | - |
| 18½-19 | - | - | 3,050 | 15,200 | 1,500 | - |
| 19-19½ | 1,531,650 | - | 181,949 | 55,000 | 7,656 | - |
| 19½-20 | 1,457,615 | - | 36,170 | - | - | - |
| 20-20½ | 2,194,037 | 101,905 | 168,940 | 176,700 | - | - |
| 20½-21 | 113,130 | - | 22,500 | 1,139,300 | - | - |
| 21-21½ | - | 6,091 | 3,600 | 324,600 | - | - |
| 21½-22 | 210,433 | - | - | 586,550 | - | - |
| 22-22½ | 1,424,165 | 173,055 | - | 638,300 | - | - |
| 22½-23 | 43,298,004 | 706,600 | - | 232,450 | - | - |
| 23-23½ | 23,206,874 | - | - | 74,300 | - | - |
| 23½-24 | 14,455,212 | 102,422 | - | 35,000 | - | - |
| 24-24½ | 14,091,066 | 5,500 | - | 16,500 | - | - |
| 24½-25 | 1,247,200 | 28,534 | - | - | - | - |
| 25-25½ | 917,190 | 54,850 | - | 27,000 | - | - |
| 25½-26 | 334,210 | - | - | - | - | - |
| 26-26½ | 7,300 | - | - | 55,100 | - | - |
| 31-31½ | 13,084 | - | - | - | - | - |
| <hr/> | | | | | | |
| 36½-37½ | - | - | - | - | - | 207,800 |
| 38½-39½ | - | - | - | - | - | 697,751 |
| 39½-40½ | - | - | - | - | - | 3,682,752 |
| 40½-41½ | - | - | - | - | - | 87,324 |
| 41½-42½ | - | - | - | - | - | 538,250 |
| 44½-45½ | - | - | - | - | - | 157,941 |
| 47½-48½ | - | - | - | - | - | 165,600 |
| 48½-49½ | - | - | - | - | - | 6,609 |
| 50½-51½ | - | - | - | - | - | 120,700 |
| 55½-56½ | - | - | - | - | - | 1,031,030 |

- 1/ Excludes shipments for which prices were not reported. For total reported see table 6.
2/ Classified according to average monthly prices reported by firms.
3/ Excludes spray-dried nonfat milk sold in packages of retail size.
4/ Includes some dry whole milk in special packages for export.

Table 6.-Dry milk: Manufacturers' reported shipments, May 1968
with comparisons 1/

| Commodity | May 1967 2/ | April 1968 | May 1968 | | |
|----------------------------------|------------------------|------------------------|------------------------|----------------|----------------|
| | | | Total | Change from-- | |
| | | | | May 1967 | April 1968 |
| | 1,000 <u>pounds</u> | 1,000 <u>pounds</u> | 1,000 <u>pounds</u> | <u>Percent</u> | <u>Percent</u> |
| Dry whole milk..... | 6,151 | 5,079 | 6,498 | + 6 | +28 |
| Nonfat dry milk (human food): | | | | | |
| Spray process 3/..... | 146,171 | 137,280 | 134,477 | - 8 | - 2 |
| Roller process..... | 2,355 | 883 | 1,180 | -50 | +34 |
| Total..... | 148,526 | 138,163 | 135,657 | - 9 | - 2 |
| Dry skim milk (animal feed)..... | 987 | 725 | 958 | - 3 | +32 |
| Dry buttermilk: | | | | | |
| For human food..... | 3,224 | 3,642 | 4,594 | +42 | +26 |
| For animal feed..... | 447 | 363 | 323 | -28 | -11 |
| Total..... | 3,671 | 4,005 | 4,917 | +34 | +23 |

- 1/ Includes shipments for which prices were not reported.
2/ Revised.
3/ Excludes spray-dried nonfat milk sold in packages of retail size.

Table 7.-Dry milk: Manufacturers' average selling price per pound
f.o.b. plant, May 1968, with comparisons 1/

| Commodity | May 1962-1966 | May 1967 | April 1968 | May 1968 |
|---------------------------|------------------|--------------|---------------|--------------|
| | <u>Cents</u> | <u>Cents</u> | <u>Cents</u> | <u>Cents</u> |
| Nonfat dry milk: 2/ | | | | |
| Spray process 3/..... | 15.06 | 19.94 | 22.66 | 23.07 |
| Roller process..... | 14.25 | 19.65 | 22.35 | 22.52 |
| Spray and roller..... | 15.03 | 19.94 | 22.66 | 23.07 |
| Dry skim animal feed..... | 11.36 | 14.77 | 16.62 | 16.81 |
| Nonfat and dry skim..... | 15.01 | 19.90 | 22.63 | 23.02 |
| Dry buttermilk: | | | | |
| Human food..... | 14.23 | 17.98 | 21.17 | 21.45 |
| Animal feed..... | 11.43 | 13.94 | 14.70 | 15.22 |
| Human and animal..... | 13.76 | 17.49 | 20.58 | 21.04 |
| Dry whole milk: | | | | |
| Pkgs. over 5 lbs. 4/..... | 31.14 | 38.16 | 40.46 | 40.53 |
| Total 5/..... | 34.83 | 39.92 | 42.39 | 42.93 |

- 1/ Prices reported by firms weighted by their shipments to derive averages and segments also weighted by shipments to derive combined prices.
2/ Average of prices for shipments in bulk packages such as barrels, drums, and bags.
3/ Excludes spray-dried nonfat milk sold in packages of retail size.
4/ Includes barrels and drums.
5/ All size packages, including 1-2½ lb. pkgs. and 5-lb. pkgs.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 14 $\frac{1}{2}$ -oz. cans, in carlots, by geographic divisions, May 1968, with comparisons 1/

| Geographic division | May 1967 | April 1968 | May 1968 |
|-------------------------|----------|------------|----------|
| | Dollars | Dollars | Dollars |
| New England..... | 7.18 | 7.34 | 7.39 |
| Middle Atlantic..... | 6.97 | 7.10 | 7.20 |
| South Atlantic..... | 7.08 | 7.25 | 7.34 |
| East North Central..... | 6.88 | 7.14 | 7.21 |
| West North Central..... | 7.01 | 7.14 | 7.23 |
| South Central..... | 7.12 | 7.28 | 7.38 |
| North Western 2/..... | 7.35 | 7.50 | 7.50 |
| South Western 3/..... | 6.99 | 7.17 | 7.33 |
| United States..... | 7.05 | 7.22 | 7.30 |

1/ Manufacturers' prices are based on the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

2/ Includes Montana, Wyoming, Idaho, Washington, and Oregon.

3/ Includes Colorado, New Mexico, Arizona, Nevada, Utah, and California.

Table 9.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, May 1968, with comparisons 1/

| State and division | May 1967 | | | April 1968 | | | May 1968 | | |
|--------------------|---------------------------|---------|-----------------|---------------------------|---------|-----------------|---------------------------|---------|-----------------|
| | Milk price per 100 pounds | Milkfat | | Milk price per 100 pounds | Milkfat | | Milk price per 100 pounds | Milkfat | |
| | | Test | Price per pound | | Test | Price per pound | | Test | Price per pound |
| | Dollars | Percent | Dollars | Dollars | Percent | Dollars | Dollars | Percent | Dollars |
| Md. | 4.16 | 3.85 | 1.08 | 4.24 | 3.79 | 1.12 | 4.30 | 3.82 | 1.13 |
| Va. | 3.97 | 3.91 | 1.01 | 4.04 | 3.78 | 1.07 | 4.07 | 3.81 | 1.07 |
| S.Atl. 2/ | 4.08 | 3.96 | 1.03 | 4.15 | 3.84 | 1.08 | 4.19 | 3.87 | 1.08 |
| Ohio..... | 4.07 | 3.82 | 1.07 | 4.20 | 3.81 | 1.10 | 4.16 | 3.74 | 1.11 |
| Ind. | 4.17 | 3.83 | 1.09 | 4.36 | 3.83 | 1.14 | 4.39 | 3.72 | 1.18 |
| Mich. | 4.01 | 3.68 | 1.09 | 4.25 | 3.68 | 1.15 | 4.22 | 3.59 | 1.18 |
| Wis. | 4.17 | 3.60 | 1.16 | 4.42 | 3.60 | 1.23 | 4.42 | 3.59 | 1.23 |
| E.N.C. 2/ | 4.08 | 3.71 | 1.10 | 4.29 | 3.70 | 1.16 | 4.27 | 3.64 | 1.17 |
| Mo. | 3.96 | 3.79 | 1.04 | 3.99 | 3.65 | 1.09 | 4.08 | 3.71 | 1.10 |
| Kans. | 3.79 | 3.42 | 1.11 | 3.98 | 3.68 | 1.08 | 4.01 | 3.66 | 1.10 |
| W.N.C. | 3.91 | 3.70 | 1.06 | 3.99 | 3.65 | 1.09 | 4.08 | 3.71 | 1.10 |
| Ky. | 3.94 | 3.87 | 1.02 | 4.20 | 3.89 | 1.08 | 4.04 | 3.76 | 1.07 |
| Tenn. | 3.99 | 3.97 | 1.01 | 4.10 | 3.83 | 1.07 | 4.11 | 3.87 | 1.06 |
| Miss. | 4.01 | 4.01 | 1.00 | 4.14 | 3.86 | 1.07 | 4.17 | 3.93 | 1.06 |
| Ark. | 3.97 | 3.76 | 1.06 | 3.97 | 3.63 | 1.09 | 4.04 | 3.66 | 1.10 |
| S.Cent. | 3.97 | 3.91 | 1.02 | 4.12 | 3.83 | 1.08 | 4.07 | 3.79 | 1.07 |
| Calif. ... | 3.96 | 3.61 | 1.10 | 4.23 | 3.65 | 1.16 | 4.24 | 3.59 | 1.18 |
| S.W. 2/.. | 3.99 | 3.60 | 1.11 | 4.17 | 3.62 | 1.15 | 4.17 | 3.57 | 1.17 |
| U.S. 2/.. | 4.01 | 3.77 | 1.06 | 4.17 | 3.73 | 1.12 | 4.16 | 3.71 | 1.12 |

1/ Preliminary. Prices f.o.b. plant for milk of actual milkfat content, as reported.

2/ Includes data for some regions and/or States not shown separately.

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
 AGRICULTURAL ESTIMATES DIVISION
 WASHINGTON, D. C. 20250

POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF AGRICULTURE

OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, May 1968, with comparisons 1/

| Item | Average May 1962-66 | May <u>2/</u> 1967 | May 1968 |
|--|---------------------------|-----------------------|-------------|
| Milk bought from producers..... pounds | 482,563,000 | 339,266,000 | 286,614,000 |
| Producers..... number | 60,000 | 40,000 | 30,000 |
| Average per producer per day... pounds | 259.4 | 276.1 | 307.6 |
| Change in purchases per producer: | | | |
| <u>1/</u> 1968 from 1967..... percent | xxxxx | xxxxx | +11.4 |
| 1966 from 5-year average..... percent | xxxxx | xxxxx | +18.6 |

1/ Reported milk purchases at those plants (or their receiving stations) with canning equipment for which historical data are available. In some periods a part or all of the milk received at such plants may be used for purposes other than the manufacture of canned milk.

2/ Revised.