

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR JULY 1963

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August 30, 1963

PRODUCTION

SEP 13 1963

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EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk during July is estimated at 182 million pounds, according to the Crop Reporting Board. This is 5 percent below a year earlier, 22 percent under the July 1957-61 average and the smallest July production since 1933. Production for the first 7 months of 1963 totaled 1,181 million pounds, 2 percent less than the same period of 1962.

Canned sweetened condensed whole milk output in July totaled 8.8 million pounds, 86 percent more than July a year ago, 56 percent above the average and the largest July output since 1948. Production for the period January-July amounted to 47.3 million pounds, an increase of 18 percent from the comparable period last year.

DRY MILK: Production of nonfat dry milk for human food (spray and roller process combined) for July totaled 190 million pounds, according to the Crop Reporting Board. This is the same as produced a year earlier but exceeded the July 1957-61 average by 20 percent. Production for the first 7 months of 1963 totaled 1,446 million pounds, 2 percent under the corresponding period of 1962.

Spray-dried nonfat milk output totaled 180 million pounds in July. This is unchanged from July 1962 but exceeds the average by 24 percent. Production for the period January-July amounted to 1,376 million pounds, 2 percent less than the comparable period of a year earlier.

Output of roller-dried nonfat milk amounted to 9.7 million pounds, 1 percent under July a year ago, 24 percent below average and the lowest July production of record. Production for the first 7 months of 1963 totaled 69.7 million pounds, down 15 percent from the corresponding period of a year earlier.

July output of dry whole milk was 6.2 million pounds, up 35 percent from a year earlier but 18 percent below the 1957-61 average. The 47.9 million pounds produced during the first 7 months of 1963 were 1 percent under the similar period of 1962.

Dry buttermilk production was 7.3 million pounds in July. This is 4 percent larger than a year earlier and 2 percent greater than average. For the period January-July production totaled 59.1 million pounds, up 2 percent from the first 7 months of 1962.

July production of dry skim milk for animal feed totaled 2.7 million pounds, 16 percent larger than July 1962, 25 percent greater than average, and the largest July production since 1947. Output for the first 7 months of 1963 amounted to 19.8 million pounds, 2 percent less than the corresponding period of a year earlier.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on July 31 totaled 223.5 million pounds. This is 14 percent below July a year ago and 36 percent under the 1957-61 average for the date. Canned sweetened condensed whole milk stocks were 9.0 million pounds, 108 percent above July last year, 35 percent more than average and the highest July 31 holdings since 1948.

Prices paid producers by reporting condenseries during July averaged \$3.18 per hundredweight for milk testing 3.84 percent fat or an average of 83 cents per pound of milkfat. On a milkfat basis, prices were unchanged from the previous month, but were 1 cent a pound above a year earlier. By States, prices ranged from a high of 91 cents per pound in Wisconsin to a low of 79 cents in Kentucky and Tennessee.

Reporting condenseries for which historical data are available purchased 525 million pounds of milk from approximately 70,000 producers. Average daily purchases per producer were 242 pounds, 5 percent above July 1962, 30 percent above average, and record high for the month.

Manufacturers' selling prices for evaporated whole milk during July averaged \$6.00 per case of 48 $14\frac{1}{2}$ -oz. cans. Prices were 2 cents under both the previous month and July a year ago. By areas, prices were unchanged in the West North Central and South Central, but declined 1 cent in the South Western Region, 2 cents in the North Western and 3 cents in all other areas.

DRY MILK: Stocks of nonfat dry milk held by reporting manufacturers for human consumption on July 31 totaled 115 million pounds, 19 percent under a year earlier, 24 percent below the 1957-61 average for the date, and the smallest July 31 holdings since 1954. Manufacturers held 108 million pounds of spray-dried nonfat milk on July 31, 1963. This is a decline of 17 percent from a year earlier, and 18 percent below average. Holdings of roller-dried nonfat milk on July 31 totaled 7.3 million pounds, down 38 percent from July a year ago, 64 percent less than the average for the date and the lowest July holdings of record. Stocks of dry whole milk held by reporting manufacturers on July 31 totaled 6.5 million pounds. This is 15 percent under July 31 last year, 31 percent smaller than the average and the lowest for the date since 1942. Dry buttermilk stocks totaled 6.5 million pounds, down 40 percent from July 1962, 29 percent under the average and smallest holdings for the date since 1955.

Shipments of nonfat dry milk for human food during July were 156 million pounds, down 6 percent from last month and 7 percent below the record high July of a year earlier. Spray-dried nonfat milk shipments totaled 149 million pounds. This is 6 percent below the previous month and 7 percent under July 1962. The 6.7 million pounds of roller-dried nonfat milk shipped were 8 percent less than June, 20 percent lower than a year earlier, and the smallest July shipments of

record. Dry whole milk shipments during July amounted to 6.2 million pounds, up 43 percent from the previous month and 49 percent larger than July 1962. Dry buttermilk shipments (human food and animal feed combined) totaled 5.1 million pounds, a decline of 5 percent from the previous month and 17 percent below a year earlier. July shipments of dry buttermilk for human food were 4.1 million pounds, down 12 percent from last month and 20 percent under July 1962. Dry buttermilk for animal feed shipments totaled 0.9 million pounds, an increase of 47 percent from the previous month and 1 percent above a year earlier. Shipments of dry skim milk for animal feed were 0.8 million pounds, 34 percent greater than the previous month, but 35 percent less than a year earlier.

Manufacturers' selling prices of nonfat dry milk for human food during July averaged 14.43 cents per pound compared with 14.39 cents the previous month and 14.20 cents a year earlier. Spray-dried nonfat milk averaged 14.46 cents a pound in July, fractionally higher than last month and 0.2 cent above a year earlier. Selling prices of roller-dried nonfat milk at 13.87 were 0.1 cent above June, 1.4 cents above last year and the highest July price since 1952.

Dry whole milk in all sizes of packages averaged 35.36 cents per pound in July, 0.8 cent under the previous month but 2.0 cents above a year earlier. In 1-2½ pound packages dry whole milk averaged 41.64 cents per pound, down 3.1 cents from the previous month, 3.0 cents below a year earlier, and the lowest July price of record. Dry whole milk in 5-pound packages averaged 41.18 cents per pound, 0.6 cent under last month and 2.5 cents below July 1962. In miscellaneous large packages (mostly barrels and drums) dry whole milk averaged 30.14 cents per pound. This compares with 30.65 cents per pound for June and 29.01 cents for a year earlier.

Manufacturers' selling prices of dry buttermilk, human food and animal feed combined, averaged 12.60 cents per pound during July, compared with 12.72 cents a month earlier, and 12.03 cents for July a year ago. During July, dry buttermilk for human food averaged 13.20 cents per pound, up 0.1 cent from last month and 0.8 cent above a year earlier. Dry buttermilk for animal feed averaged 10.00 cents per pound in July, off 0.2 cent from a month earlier, but fractionally higher than July 1962. Dry skim milk for animal feed averaged 11.08 cents per pound during July, compared with 10.36 cents a month earlier and 10.28 cents for July 1962.

Deliveries of nonfat dry milk to the United States Department of Agriculture during July were 107 million pounds. Total deliveries for the period April 1 through July 31, 1963 totaled 452.4 million pounds compared with 545.6 million pounds for the corresponding period of 1962. On August 16, the Department held 510.7 million pounds of uncommitted supplies of nonfat dry milk.

Table 1.-Evaporated, condensed, and dry milk: Production, July 1963

| Commodity | July 1962 ^{1/} | July 1963 ^{2/} | | | Jan.-July 1963 | |
|---------------------------------------|-------------------------|-------------------------|----------------------|-----------|----------------|----------------------------|
| | | Total | Change from-- | | Total | Change from Jan.-July 1962 |
| | | | July 1957-61 average | July 1962 | | |
| | 1,000 pounds | 1,000 pounds | Percent | Percent | 1,000 pounds | Percent |
| Evaporated and condensed milk: | | | | | | |
| Evaporated whole (case goods) .. | 191,733 | 182,000 | -22 | - 5 | 1,181,400 | - 2 |
| Condensed whole (case goods) ... | 4,710 | 8,780 | +56 | +86 | 47,310 | +18 |
| Dry milk: | | | | | | |
| Dry whole milk | 4,579 | 6,200 | -18 | +35 | 47,900 | - 1 |
| Nonfat dry milk (human food): | | | | | | |
| Spray process | 180,176 | 180,000 | +24 | 0 | 1,376,000 | - 2 |
| Roller process | 9,749 | 9,700 | -24 | - 1 | 69,700 | -15 |
| Total | 189,925 | 189,700 | +20 | 0 | 1,445,700 | - 2 |
| Dry skim milk (animal feed) | 2,326 | 2,700 | +25 | +16 | 19,800 | - 2 |
| Dry buttermilk | 6,999 | 7,300 | + 2 | + 4 | 59,100 | + 2 |

^{1/} Enumerations.
^{2/} Estimates.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks July 31, 1963 ^{1/}

| Commodity | Average July 31, 1957-61 | July 31, 1962 ^{2/} | July 31, 1963 | | |
|---------------------------------------|--------------------------|-----------------------------|---------------|----------------------|---------------|
| | | | Total | Change from-- | |
| | | | | July 31, 1957-61 av. | July 31, 1962 |
| | 1,000 pounds | 1,000 pounds | 1,000 pounds | Percent | Percent |
| Evaporated and condensed milk: | | | | | |
| Evaporated whole (case goods) .. | 348,732 | 258,929 | 223,504 | -36 | - 14 |
| Condensed whole (case goods) ... | 6,616 | 4,308 | 8,956 | +35 | +108 |
| Dry milk: | | | | | |
| Dry whole milk | 9,416 | 7,591 | 6,489 | -31 | - 15 |
| Nonfat dry milk (human food): | | | | | |
| Spray process | 130,998 | 130,472 | 107,994 | -18 | - 17 |
| Roller process | 20,058 | 11,734 | 7,292 | -64 | - 38 |
| Total | 151,056 | 142,206 | 115,286 | -24 | - 19 |
| Dry skim milk (animal feed) | 1,550 | 1,641 | 1,443 | - 7 | - 12 |
| Dry buttermilk | 9,166 | 10,878 | 6,488 | -29 | - 40 |

^{1/} Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.
^{2/} Revised to include late reports.

Table 3.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, July 1963 1/

| Price per pound 2/ | Nonfat dry milk, human food (bulk goods) | | Dry skim milk for animal feed | Dry buttermilk | |
|--------------------|--|----------------|--|----------------|-------------|
| | Spray process 3/ | Roller process | | Human food | Animal feed |
| Gents | Pounds | Pounds | Pounds | Pounds | Pounds |
| 6 -6½ | - | - | 2,350 | - | - |
| 7½-8 | - | - | 12,815 | - | - |
| 8 -8½ | - | - | 42,322 | - | 11,180 |
| 8½-9 | - | - | 50,400 | - | - |
| 9 -9½ | - | - | 53,015 | - | 102,950 |
| 9½-10 | - | - | 43,161 | - | 223,191 |
| 10 -10½ | - | - | 66,611 | - | 309,350 |
| 10½-11 | - | - | 29,600 | - | 79,060 |
| 11 -11½ | - | - | 47,917 | - | 96,300 |
| 11½-12 | - | 85,050 | 15,187 | - | 6,200 |
| 12 -12½ | - | 58,600 | 391,630 | 582,513 | - |
| 12½-13 | 835,250 | 207,600 | 4,200 | 720,018 | 3,625 |
| 13 -13½ | 1,264,550 | 85,800 | 7,300 | 982,750 | - |
| 13½-14 | 11,331,389 | 4,026,220 | - | 447,040 | - |
| 14 -14½ | 61,568,956 | 931,790 | - | 152,495 | - |
| 14½-15 | 33,776,562 | 1,038,643 | - | 374,000 | - |
| 15 -15½ | 7,874,915 | 222,925 | - | 75,200 | - |
| 15½-16 | 7,563,018 | - | - | 88,900 | - |
| 16 -16½ | 1,027,140 | - | - | - | - |
| 16½-17 | 53,660 | - | - | - | - |
| 17 -17½ | 138,965 | - | - | - | - |
| 17½-18 | 593,965 | - | - | - | - |
| Dry whole milk 4/ | | | | | |
| | 1-2½lb. packages | 5-lb. packages | All other packages including bbls. & drums | Total | |
| | Pounds | Pounds | Pounds | Pounds | |
| 26½-27½ | - | - | 611,639 | 611,639 | |
| 27½-28½ | - | - | 490,000 | 490,000 | |
| 28½-29½ | - | - | 94,400 | 94,400 | |
| 29½-30½ | - | - | 390,000 | 390,000 | |
| 30½-31½ | - | - | 532,841 | 532,841 | |
| 31½-32½ | - | - | 293,000 | 293,000 | |
| 32½-33½ | - | - | 245,828 | 245,828 | |
| 33½-34½ | - | - | 131,200 | 131,200 | |
| 35½-36½ | - | - | 145,900 | 145,900 | |
| 39½-40½ | 1,169,836 | 561,240 | - | 1,731,076 | |
| 44½-45½ | - | 205,640 | - | 205,640 | |
| 49½-50½ | 177,990 | - | - | 177,990 | |

- 1/ Excludes shipments for which prices were not reported. For total reported see table 4.
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 4.-Dry milk: Manufacturers' reported shipments, July 1963 ^{1/}

| Commodity | July 1962 ^{3/} | June 1963 | July 1963 | | |
|-----------------------------------|-------------------------|--------------|--------------|---------------|-----------|
| | | | Total | Change from-- | |
| | | | | July 1962 | June 1963 |
| | 1,000 pounds | 1,000 pounds | 1,000 pounds | Percent | Percent |
| Dry whole milk | 4,140 | 4,313 | 6,174 | +49 | +43 |
| Nonfat dry milk (human food): | | | | | |
| Spray process ^{2/} | 159,386 | 157,694 | 148,940 | - 7 | - 6 |
| Roller process | 8,376 | 7,247 | 6,698 | -20 | - 8 |
| Total | 167,762 | 164,941 | 155,638 | - 7 | - 6 |
| Dry skim milk (animal feed) | 1,316 | 632 | 849 | -35 | +34 |
| Dry buttermilk: | | | | | |
| For human food | 5,166 | 4,700 | 4,122 | -20 | -12 |
| For animal feed | 935 | 641 | 945 | + 1 | +47 |
| Total | 6,101 | 5,341 | 5,067 | -17 | - 5 |

^{1/} Includes shipments for which prices were not reported.

^{2/} Excludes spray-dried nonfat milk sold in packages of retail size.

^{3/} Revised.

Table 5.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, July 1963 ^{1/}

| Commodity | July 1957-61 | July 1962 | June 1963 | July 1963 |
|-----------------------------------|--------------|-----------|-----------|-----------|
| | Cents | Cents | Cents | Cents |
| Nonfat dry milk: ^{2/} | | | | |
| Spray process ^{3/} | 14.49 | 14.29 | 14.42 | 14.46 |
| Roller process | 12.88 | 12.46 | 13.75 | 13.87 |
| Spray and roller | 14.35 | 14.20 | 14.39 | 14.43 |
| Dry skim animal feed | 9.98 | 10.28 | 10.36 | 11.08 |
| Nonfat and dry skim | 14.32 | 14.17 | 14.38 | 14.42 |
| Dry buttermilk: | | | | |
| Human food | 13.80 | 12.42 | 13.07 | 13.20 |
| Animal feed | 9.54 | 9.86 | 10.18 | 10.00 |
| Human and animal | 13.06 | 12.03 | 12.72 | 12.60 |
| Dry whole milk: | | | | |
| 1-2½ lb. pkgs. | 45.62 | 44.65 | 44.77 | 44.64 |
| 5-lb. pkgs. | 40.51 | 43.67 | 41.74 | 41.18 |
| Other pkgs. ^{4/} | 31.11 | 29.01 | 30.65 | 30.14 |
| Total | 38.15 | 33.37 | 36.18 | 35.36 |

^{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.

Table 6.-Evaporated whole milk: Manufacturers' average selling price per case of 48 14½-oz. cans, in carlots, by geographic divisions, July 1963 1/

| Geographic division | July 1962 | June 1963 | July 1963 |
|----------------------------|-------------|-------------|-------------|
| | Dollars | Dollars | Dollars |
| New England | 5.93 | 5.94 | 5.91 |
| Middle Atlantic | 5.89 | 5.93 | 5.90 |
| South Atlantic | 5.98 | 6.00 | 5.97 |
| East North Central | 5.95 | 5.98 | 5.95 |
| West North Central | 6.13 | 6.11 | 6.11 |
| South Central | 6.12 | 6.14 | 6.14 |
| North Western 2/ | 6.19 | 6.11 | 6.09 |
| South Western 3/ | 6.17 | 6.05 | 6.04 |
| United States | 6.02 | 6.02 | 6.00 |

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 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, July 1963 1/

| State and division | July 1962 | | | June 1963 | | | July 1963 | | |
|--------------------|---------------------------|-------------|-----------------|---------------------------|-------------|-----------------|---------------------------|-------------|-----------------|
| | 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 |
| M.Atl. 2/ | 3.05 | 3.64 | .84 | 3.11 | 3.76 | .83 | 3.13 | 3.77 | .83 |
| Md. | 3.08 | 3.79 | .81 | 3.12 | 3.86 | .81 | 3.11 | 3.81 | .82 |
| Va. | 3.21 | 4.05 | .79 | 3.18 | 3.96 | .80 | 3.19 | 3.98 | .80 |
| S.Atl. 2/ | 3.16 | 4.02 | .79 | 3.16 | 3.99 | .79 | 3.17 | 4.00 | .79 |
| Ohio | 3.05 | 3.77 | .81 | 3.03 | 3.76 | .81 | 3.04 | 3.75 | .81 |
| Ind. | 3.08 | 3.73 | .83 | 3.10 | 3.72 | .83 | 3.12 | 3.70 | .84 |
| Ill. | 3.03 | 3.57 | .85 | 3.06 | 3.43 | .89 | 3.09 | 3.49 | .89 |
| Mich. | 2.93 | 3.65 | .80 | 2.97 | 3.61 | .82 | 3.00 | 3.61 | .83 |
| Wis. | 3.19 | 3.65 | .87 | 3.23 | 3.59 | .90 | 3.24 | 3.58 | .91 |
| E.N.C. .. | 3.09 | 3.69 | .84 | 3.10 | 3.64 | .85 | 3.11 | 3.64 | .85 |
| Mo. | 3.24 | 3.98 | .81 | 3.30 | 3.96 | .83 | 3.30 | 3.97 | .83 |
| Kans. | 3.06 | 3.71 | .82 | 3.07 | 3.60 | .85 | 3.07 | 3.58 | .86 |
| W.N.C. 2/ | 3.23 | 3.82 | .85 | 3.22 | 3.73 | .86 | 3.25 | 3.77 | .86 |
| Ky. | 3.16 | 4.06 | .78 | 3.16 | 4.02 | .79 | 3.20 | 4.06 | .79 |
| Tenn. | 3.22 | 4.10 | .79 | 3.24 | 4.09 | .79 | 3.27 | 4.15 | .79 |
| Miss. | 3.25 | 4.08 | .80 | 3.28 | 4.08 | .80 | 3.34 | 4.19 | .80 |
| Ark. | 3.22 | 3.99 | .81 | 3.21 | 3.89 | .83 | 3.23 | 3.88 | .83 |
| S.Cent. 2/ | 3.20 | 4.07 | .79 | 3.21 | 4.04 | .79 | 3.24 | 4.09 | .79 |
| N.W. 2/.. | 2.96 | 3.58 | .83 | 3.05 | 3.60 | .85 | 3.08 | 3.63 | .85 |
| Calif. ... | 3.12 | 3.59 | .87 | 3.14 | 3.61 | .87 | 3.15 | 3.64 | .87 |
| S.W. 2/.. | 3.07 | 3.56 | .86 | 3.13 | 3.59 | .87 | 3.14 | 3.61 | .87 |
| U.S. 2/.. | 3.14 | 3.83 | .82 | 3.16 | 3.80 | .83 | 3.18 | 3.84 | .83 |

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

2/ Includes data for some States not shown separately.

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Table 8.-Milk bought by condenseries: Quantity bought, and number of producers, July 1963 ^{1/}

| Item | Average July 1957-61 | July 1962 | July 1963 |
|--|-------------------------|-------------|-------------|
| Milk bought from producers pounds | 588,695,000 | 556,745,000 | 524,590,000 |
| Producers number | 102,000 | 78,000 | 70,000 |
| Average per producer per day pounds | 186.2 | 230.3 | 241.7 |
| Change in purchases per producer: | | | |
| 1963 from 1962 percent | XXXX | XXXX | + 5.0 |
| 1963 from 5-year average percent | XXXX | XXXX | +29.8 |

^{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.