

## EVAPORATED, CONDENSED, AND DRY MILK REPORT

(May 1946)

EVAPORATED AND CONDENSED MILK

Canned evaporated milk production during May totaled 377,600,000 pounds, 20 percent less than a year earlier but 2 percent more than the average during May 1940-44, reports the Bureau of Agricultural Economics. Production during the first 5 months of 1946 totaled 1,269,400,000 pounds, 25 percent less than in the corresponding period last year.

Sweetened condensed milk (case goods) production was 12,650,000 pounds during May, compared with 15,925,000 pounds in May 1945, a decline of 21 percent. The seasonal gain in production from April to May this year was considerably greater than usual. During the first 5 months of 1946, production was 16 percent less than in the same period of 1945.

Among the bulk goods items, output of whole milk products was lower than a year ago, but production of skim milk items was considerably larger. Production of plain condensed whole milk was below that in May last year, the first time monthly production has declined from a year earlier since July 1945. The increased price for evaporated milk (case goods) undoubtedly attracted the milk into that product rather than into plain condensed whole milk (bulk goods). May production totaled 13,509,000 pounds, 4 percent below a year ago but 10 percent higher than the 1940-44 May average. The output of plain condensed skim milk (bulk goods) was 46,185,000 pounds, 26 percent up from a year earlier and 50 percent up from the 1940-44 average for the month. A total of 8,951,000 pounds of sweetened whole milk was manufactured in May, 18 percent less than in May 1945 and 11 percent down from the May 1940-44 average. Production of sweetened condensed skim milk totaled 97,943,000 pounds, which was 30 percent higher than a year earlier and 187 percent above the 1940-44 average for the month. From January through May the total production of this item was 21 percent more than in the same period of 1945.

Manufacturers continued to report much lower stocks of both evaporated and condensed milk, case goods. Canned evaporated milk in the hands of reporting manufacturers on May 31 was 150,579,000 pounds, a decline of 27 percent from the corresponding date in 1945 and 40 percent less than the 5-year average stocks on that date. Canned condensed milk stocks were reported at 7,748,000 pounds a decrease of 40 percent from a year earlier and of 18 percent from the 1940-44 May 31 average.

With the 25 cents per case increase in evaporated milk prices on May 20, the average wholesale selling price for May rose 7 cents per case from April. The price for May was \$4.21 per case of 48 14 $\frac{1}{2}$ -oz. cans compared with \$4.14 per case in April and \$4.15 per case during May 1945. For the twenty-fifth consecutive month the wholesale price of canned sweetened condensed milk was \$6.33 per case of 48 14-oz. cans. While prices of bulk goods items for May showed the usual minor variations from the preceding month, there were no significant changes. The price of plain condensed whole milk was \$10.15 per hundredweight. The price of plain condensed skim milk averaged \$4.20 per hundredweight. The price of sweetened condensed whole milk averaged \$12.44 per hundredweight and that of sweetened condensed skim milk averaged \$8.09 per hundredweight.

Condenseries reported the purchase of 731,706,000 pounds of milk during May from 149,000 producers. This represents an average of 163.7 pounds per day per producer. These average purchases are 4 percent less than a year earlier but 13 percent more than the 5-year average purchases during May.

Prices paid to producers by condenseries advanced further during May. The May price was \$2.78 per hundredweight, compared with \$2.76 for April and \$2.61 per hundredweight during May 1945. Advances in price from the preceding month were shown by the East North Central, Northwestern, and Southwestern regions while prices in the remaining regions were unchanged.

DRY MILK

Production of nonfat dry milk solids during May totaled 90,175,000 pounds, the largest in any month of record, the Bureau of Agricultural Economics reports. Production of spray process nonfat dry milk solids in May is estimated at 45,450,000 pounds, 26 percent higher than a year ago, and the largest during the three and one half years for which data on spray process have been shown separately. During the first 5 months of 1946, the output of this item was 18 percent larger than in the same period of 1945. Production of roller process nonfat dry milk solids totaled 44,725,000 pounds during the month, 11 percent less than a year ago. From January through May, output of this product totaled 133,145,000 pounds, which was 19 percent less than in the same period of 1945. The combined production of spray and roller during the 5-month period was 2 percent less than in the same period of 1945.

Dry whole milk production was below the record levels established in May last year. Estimated at 23,225,000 pounds, the output of total dry whole milk was 14 percent less than a year earlier but 152 percent above the 1940-44 average for the month. During the first five months of the year,

| DRY NONFAT MILK SOLIDS<br>(Bulk Goods)<br>Reported Sales |               |                |           | DRY WHOLE MILK<br>(Bulk Goods)<br>Reported Sales |            | DRY BUTTERMILK<br>(Bulk Goods)<br>Reported Sales |           |             |
|--|---------------|----------------|-----------|--|------------|--|-----------|-------------|
| Pounds   |               |                |           | Pounds   |            | Pounds   |           |             |
| Human Food   |               | Animal Feed    |           |  |            | Human Food                                       |           | Animal Feed |
| Price ¢  | Spray Process | Roller Process |           | Price ¢  | Pounds     | Price ¢  | Food      | Feed        |
| 3  | -3½           |                | 3,906     | 24½-25½  | 345,000    | 5  | -5½       | 22,080      |
| 6  | -6½           |                | 21,422    | 25½-26½  | 19,200     | 6½   | -7        | 12,360      |
| 6½   | -7            |                | 2,874     | 27½-28½  | 912,300    | 7  | -7½       | 514,423     |
| 7  | -7½           |                | 13,141    | 28½-29½  | 1,505,112  | 7½   | -8        | 24,050      |
| 7½   | -8            |                | 46,880    | 29½-30½  | 1,281,389  | 8  | -8½       | 58,890      |
| 8  | -8½           |                | 54,848    | 30½-31½  | 1,542,863  | 8½   | -9        | 30,821      |
| 8½   | -9            |                | 25,150    | 31½-32½  | 1,088,500  | 9  | -9½       | 79,000      |
| 9  | -9½           |                | 163,538   | 33½-34½  | 11,080     | 9½   | -10       | 526,087     |
| 9½   | -10           |                | 153,996   | 34½-35½  | 3,744,601  | 10   | -10½      | 613,372     |
| 10   | -10½          |                | 613,992   | 35½-36½  | 750,975    | 10½  | -11       | 9,554       |
| 10½  | -11           | 3,968          | 14,860    | 39½-40½  | 3,086,037  | 11   | -11½      | 17,991      |
| 11   | -11½          | 32,437         | -         | 42½-43½  | 4,248      | 11½  | -12       | 3,200       |
| 11½  | -12           | -              | 3,300     | 43½-44½  | 6,929,541  | 12   | -12½      | 42,490      |
| 12   | -12½          | 1,674,649      | 4,700     | 44½-45½  | 1,124,488  | 12½  | -13       | 24,600      |
| 12½  | -13           | 241,400        | -         |  |            | 13   | -13½      | 88,875      |
| 13   | -13½          | 364,190        | -         |  |            | 13½  | -14       | 35,236      |
| 13½  | -14           | 734,650        | -         |  |            | 14   | -14½      | 556,250     |
| 14   | -14½          | 2,428,393      | -         |  |            | 14½  | -15       | 74,150      |
| 14½  | -15           | 16,039,296     | -         |  |            | 15   | -15½      | 69,175      |
| 15   | -15½          | 4,424,517      | -         |  |            | 15½  | -16       | 117,750     |
| 15½  | -16           | 7,407,786      | -         |  |            |  |           |             |
| 16   | -16½          | 642,142        | -         |  |            |  |           |             |
| 16½  | -17           | 13,050         | -         |  |            |  |           |             |
| TOTAL  | 32,054,024    | 27,541,465     | 1,122,607 |  | 22,345,334 |  | 1,100,280 | 1,929,775   |
| AV. PRICE  | 14.85¢        | 14.12¢         | 9.49¢     |  | 37.50¢     |  | 13.79¢    | 9.00¢       |
| TOTAL HUMAN  | 59,595,489    |                |           |  |            |  |           |             |
| AV. PRICE  | 14.51¢        |                |           |  |            |  |           |             |
| GRAND TOTAL  | 60,718,096    |                |           |  | 22,345,334 |  | 3,030,055 |             |
| GRAND AV. PRICE MAY 1946                                 | 14.42¢        |                |           |  | 37.50¢     |  | 10.74¢    |             |
| GRAND AV. PRICE APR. 1946                                | 14.35¢        |                |           |  | 35.52¢     |  | 11.11¢    |             |
| GRAND AV. PRICE MAY 1945                                 | 14.00¢        |                |           |  | 37.63¢     |  | 9.66¢     |             |

production was 18 percent lower than in the same period of 1945. The production of spray process dry whole milk was 21,390,000 pounds for May, a decrease of 15 percent from a year ago. Production of roller process was 1,835,000 pounds, which was 2 percent more than a year earlier.

Production of dry skin milk for animal feed in May totaled 2,250,000 pounds, the smallest on record for the month and 6 percent less than a year ago. May production was 78 percent below the May 5-year average. Dry buttermilk production was 5,050,000 pounds, 27 percent down from 1945 and 33 percent below the May 5-year average. Cumulative production during the first 5 months was 19,900,000 pounds; 21 percent less than in the same period last year.

Manufacturers' wholesale selling prices of nonfat dry milk solids advanced in May. Prices of spray process rose from 14.81 cents per pound in April to 14.85 cents in May. Prices for roller process milk increased from 14.02 cents in April to 14.12 cents for May. Prices of dry skin milk for animal feed at 9.49 cents for May were unchanged from the preceding month. Dry whole milk prices during May averaged 37.50 cents per pound, compared with 35.52 cents for April this year and 37.63 cents for May 1945. The price of dry buttermilk for human consumption was 13.79 cents per pound compared with 14.03 cents during April. The price of dry buttermilk for animal feed advanced from 9.91 cents in April to 9.00 cents per pound in May.

Stocks of nonfat dry milk solids held by reporting manufacturers were larger than a year earlier for spray process milk and lower for roller process. Stocks on May 31 of spray process totaled 34,993,000 pounds, 15 percent above a year earlier. Holdings of roller process were 36,455,000 pounds, 30 percent lower than a year earlier. Combined stocks of roller and spray were 13 percent lower than a year earlier but 59 percent higher than the average on that date during 1940-44. Stocks of dry whole milk were 15,282,000 pounds on May 31, compared with 21,805,000 pounds on the same date last year and with 10,664,000 pounds the average for the date during 1940-44. Holdings of dry skin milk for animal feed were 1,124,000 pounds, a decline of 32 percent from a year earlier and 74 percent from the May 31 average during 1940-44. At 2,029,000 pounds, stocks of dry buttermilk in manufacturers' hands were 69 percent lower than a year earlier and 65 percent below the May 31 average for 1940-44.

|   | Unit    | 1946        | 1945        | May Average<br>1940-44 |
|---|---------|-------------|-------------|------------------------|
| Purchases, reported total                           | Pounds  | 731,706,000 | 826,235,000 | 640,860,000            |
| Producers   | Numbers | 149,000     | 156,000     | 143,000                |
| Average daily purchases<br>per producer             | Pounds  | 163.7       | 170.9       | 144.6                  |
| Changes in purchases per<br>producer 1946 from 1945 | Percent | -4.2        | XXXXX       | XXXXX                  |
| 1946 from 5-yr. average                             | "       | +13.2       | XXXXX       | XXXXX                  |

\* These figures represent milk purchases primarily for the manufacture of evaporated and condensed milk (case goods) by a large group of selected condenseries.

**AVERAGE WHOLESALE SELLING PRICES IN CARLOTS OF EVAPORATED AND CONDENSED MILK  
BY GEOGRAPHIC SECTIONS MAY 1946 \***

| Geographic<br>Section | Case Goods                                 |   | Bulk Goods                       |         |                 |         |
|-----------------------|--|---|----------------------------------|---------|-----------------|---------|
|                       | Evaporated<br>(48 14-oz. cans)<br>per case | Condensed<br>(48 14-oz. cans)<br>per case | Plain Condensed<br>(Unsweetened) |         | Sweetened Cond. |         |
|                       | Dollars                                    |   | Whole                            | Skimmed | Whole           | Skimmed |
|                       |  |   | Dollars per hundredweight        |         |                 |         |
| New England           | 4.27                                       | 6.34                                      | 8.53                             | 4.30    | 12.56           | 8.39    |
| Mid. Atlantic         | 4.22                                       | 6.34                                      | 11.27                            | 4.54    | 12.46           | 8.10    |
| South Atlantic        | 4.21                                       | 6.34                                      | 11.00                            | 4.25    | -               | 7.98    |
| East North Central    | 4.16                                       | 6.25                                      | 8.25                             | 3.81    | 12.32           | 8.05    |
| West North Central    | 4.17                                       | -   | 10.00                            | 4.16    | 12.88           | 8.01    |
| South Central         | 4.18                                       | 6.34                                      | -                                | 4.46    | 12.28           | 8.11    |
| North Western         | 4.27                                       | -   | -                                | -       | -               | -       |
| South Western         | 4.25                                       | -   | -                                | 4.46    | 12.42           | 8.23    |
| U. S. MAY 1946        | 4.21                                       | 6.33                                      | 10.15                            | 4.20    | 12.44           | 8.09    |
| U. S. APRIL 1946      | 4.14                                       | 6.33                                      | 10.11                            | 4.21    | 12.43           | 8.08    |
| U. S. MAY 1945        | 4.15                                       | 6.33                                      | 10.00                            | 4.20    | 12.50           | 8.07    |

\* Wholesale prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

**AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT FOR MAY 1946  
8 GEOGRAPHIC SECTIONS**

| Geographic<br>Section | Number of factories<br>reporting | Price per cwt.   |                    |
|-----------------------|----------------------------------|------------------|--------------------|
|                       |                                  | Range<br>Dollars | Average<br>Dollars |
| New England           | -1/                              | -                | -                  |
| Mid. Atlantic         | 9                                | 2.85-3.00        | 2.92               |
| So. Atlantic          | 7                                | 2.58-3.00        | 2.67               |
| E. No. Central        | 92                               | 2.55-3.15        | 2.78               |
| W. No. Central        | 12                               | 2.54-2.90        | 2.69               |
| South Central         | 14                               | 2.36-2.67        | 2.57               |
| North Western         | 10                               | 2.20-3.04        | 2.72               |
| South Western         | 20                               | 2.68-3.19        | 2.96               |
| U. S. MAY 1946        | 164                              | 2.20-3.19        | 2.78               |
| U. S. APRIL 1946      | 162                              | 2.20-3.23        | 2.76               |
| U. S. MAY 1945        | 169                              | 2.32-3.14        | 2.61               |

**AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK  
F.O.B. PLANT IN 6 EVAPORATED MILK MARKETING AGREEMENT SECTIONS**

| Section       | May 1946 | April 1946 | May 1945 |
|---------------|----------|------------|----------|
| 1             | 2.78     | 2.76       | 2.57     |
| 2             | 2.92     | 2.92       | 2.68     |
| 3             | 2.62     | 2.62       | 2.45     |
| 4             | 2.79     | 2.72       | 2.66     |
| 5             | 2.68     | 2.68       | 2.64     |
| 6             | 3.05     | 3.06       | 3.06     |
| U. S. AVERAGE | 2.78     | 2.76       | 2.61     |

1/ Reports not received from 7 factories in these areas which base prices on formula in evaporated milk market agreements. Formula price for these areas in May \$2.206. Prices paid at Midwest condenseries used in determining class prices under the New York and Chicago Milk Marketing Order for May, New York City \$2.784, Chicago \$2.779.

**EVAPORATED MILK MARKETING AGREEMENT MINIMUM PRICES FOR MAY**

|                     |                     |                     |
|---------------------|---------------------|---------------------|
| Section 1 - \$2.216 | Section 2 - \$2.206 | Section 3 - \$2.002 |
| Section 4 - \$1.790 | Section 5 - \$1.819 | Section 6 - \$1.995 |

| COMMODITY                      | May<br>1946 1/ | May<br>1945 1/ | Change in May<br>1946 from |                    | Jan.-May<br>1946 | Change from<br>Jan.-May<br>1945 |
|--------------------------------|----------------|----------------|----------------------------|--------------------|------------------|---------------------------------|
|                                |                |                | 1945                       | 1940-44<br>average |                  |                                 |
|                                | Thousand       | pounds         | Percent                    |                    | Thous. lb.       | Percent                         |
| Evaporated and Condensed Milk  |                |                |                            |                    |                  |                                 |
| Evaporated (case goods)        | 377,600        | 474,336        | -20                        | +2                 | 1,269,400        | -25                             |
| Condensed (case goods)         | 12,650         | 15,925         | -21                        | +29                | 49,815           | -16                             |
| Plain Condensed Whole (bulk)   | 13,509         | 14,072         | -4                         | +10                | 56,108           | +12                             |
| Plain Condensed Skimmed (bulk) | 46,185         | 36,655         | +26                        | +50                | 197,570          | +23                             |
| Sweetened Cond. Whole (bulk)   | 8,951          | 10,916         | -18                        | -11                | 27,102           | -7                              |
| Sweetened Cond. Skimmed (bulk) | 97,943         | 75,341         | +30                        | +187               | 274,314          | +21                             |
| <u>Dry Milk</u>                |                |                |                            |                    |                  |                                 |
| Dry Whole                      |                |                |                            |                    |                  |                                 |
| Spray process                  | 21,390         | 25,075         | -15                        | 2/                 | 70,800           | -21                             |
| Roller process                 | 1,835          | 1,800          | +2                         | 2/                 | 7,740            | +19                             |
| Total                          | 23,225         | 26,875         | -14                        | +152               | 78,540           | -18                             |
| Dry Nonfat Solids              |                |                |                            |                    |                  |                                 |
| Human Food - Spray process     | 45,450         | 36,000         | +26                        | 3/                 | 158,650          | +18                             |
| Human Food - Roller process    | 44,725         | 50,500         | -11                        | 3/                 | 133,145          | -19                             |
| Total (Human Food)             | 90,175         | 86,500         | +4                         | +52                | 291,795          | -2                              |
| Dry Skim Milk (Animal Feed)    | 2,250          | 2,400          | -6                         | -78                | 6,050            | -14                             |
| Dry Buttermilk                 | 5,050          | 6,900          | -27                        | -33                | 19,900           | -21                             |

1/ Estimated. Subject to revision when the preliminary report is available for 1945. 2/ Spray and roller dry whole milk not reported separately prior to 1945. 3/ Spray and roller nonfat dry milk solids not reported separately prior to 1942.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY MILK MAY 31

| COMMODITY                     | 1946     | 1945<br>1/ | Average<br>1940-44 | Change in 1946 from |             |
|-------------------------------|----------|------------|--------------------|---------------------|-------------|
|                               |          |            |                    | 1945                | 1940-44 Av. |
|                               | Thousand | pounds     | Thous. lb.         | Percent             |             |
| Evaporated and Condensed Milk |          |            |                    |                     |             |
| Evaporated (case goods)       | 150,579  | 206,309    | 249,580            | -27                 | -40         |
| Condensed (case goods)        | 7,748    | 13,012     | 9,482              | -40                 | -18         |
| <u>Dry Milk</u>               |          |            |                    |                     |             |
| Dry Whole                     |          |            |                    |                     |             |
| Spray process                 | 16,104   | 20,880     | 2/                 | -23                 | 2/          |
| Roller process                | 178      | 925        | 2/                 | -81                 | 2/          |
| Total                         | 16,282   | 21,805     | 10,664             | -25                 | +53         |
| Dry Nonfat Solids             |          |            |                    |                     |             |
| Human Food - Spray process    | 34,993   | 30,514     | 3/                 | +15                 | 3/          |
| Human Food - Roller process   | 36,455   | 51,825     | 3/                 | -30                 | 3/          |
| Total (Human Food)            | 71,448   | 82,339     | 45,010             | -13                 | +59         |
| Dry Skim Milk (Animal Feed)   | 1,124    | 1,653      | 4,358              | -32                 | -74         |
| Dry Buttermilk                | 2,029    | 6,633      | 5,829              | -69                 | -65         |

1/ Revised to include late reports. 2/ Not reported separately prior to January 1945. 3/ Not reported separately prior to January 1943.

While wholesale sales of nonfat dry milk solids by reporting manufacturers were slightly less in May than in April, the demand continued firm. Sales for May were 59,595,489 pounds, compared with 62,955,141 pounds in April. Sales of dry whole milk totaled 22,345,334 pounds in May compared with 16,284,477 pounds in April. Sales of dry buttermilk in May totaled 3,030,055 pounds, compared with 2,847,111 pounds during April.