

EVAPORATED, CONDENSED, AND DRY MILK REPORT FOR MARCH 1961

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MAY 1 - 1961

April 28, 1961

PRODUCTION

EVAPORATED AND CONDENSED MILK: March production of evaporated whole milk is estimated at 181.0 million pounds by the Crop Reporting Board. This is 7 percent above March output last year but 10 percent below the 1955-59 average for the month. The 455 million pounds produced during the first quarter of 1961 were 4 percent more than output during the same period of 1960.

Canned sweetened condensed whole milk production totaled 6.3 million pounds in March, 2 percent more than a year earlier and 37 percent more than the 5-year March average. Cumulative output in 1961 through March at 18 million pounds was 13 percent larger than in the first quarter of the preceding year.

DRY MILK: Output of total nonfat dry milk for human food (spray and roller process combined) during March was 194.3 million pounds, up 14 percent from a year earlier, 32 percent above the 1955-59 average and the largest March production of record the Crop Reporting Board reports. The 497 million pounds produced during the first quarter of 1961 were 4 percent more than the January through March total last year.

Production of spray-dried nonfat milk at 181 million pounds was 16 percent larger than the March 1960 output, 37 percent above average and a record high for the month. Cumulative January through March output was 462 million pounds, up 5 percent from the same period of 1960.

Roller-dried nonfat milk production in March is estimated at 13.3 million pounds, down 3 percent from a year earlier and 7 percent below the 5-year average for March. Output during the first 3 months of 1961 was 34 million pounds, a loss of 9 percent from the same period last year.

The 7.5 million pounds of dry whole milk produced in March were 22 percent less than the output of a year earlier and 7 percent below average. Production during the first quarter of 1961 was 21 million pounds, 17 percent less than in the same period of 1960.

Output of dry buttermilk at 8.7 million pounds was down 3 percent from March, 1960 but up 33 percent from average for the month. Cumulative production in 1961 through March was 23 million pounds, a decrease of 5 percent from a year earlier.

The 2.6 million pounds of dry skim milk for animal feed produced were 24 percent more than March output last year, 48 percent above average and the largest March production since 1943. The 6 million pounds produced during the first quarter of 1961 exceeded output of the same period a year earlier by 10 percent.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' stocks of evaporated whole milk on March 31 totaled 83.1 million pounds, down 13 percent from a year earlier and 10 percent below the 1955-59 end-of-March average.

The 5.7 million pounds of canned sweetened condensed whole milk held by manufacturers were 3 percent more than March 31 holdings last year but 11 percent less than average for the date.

Manufacturers' selling prices of evaporated whole milk during March averaged \$6.31 per case of 48 14½-oz. cans. This is the same as the February price but 6 cents per case less than March 1960. Compared with a month earlier, March prices were up 3 cents per case in both the North and South Western States, 1 cent in the Middle Atlantic and were unchanged in South Atlantic and South Central areas. Offsetting these increases, however, were decreases of 1 cent in the New England and West North Central and 2 cents per case in the East North Central States.

Prices paid producers by reporting condenseries during March averaged \$3.43 per hundredweight for milk testing 3.85 percent milkfat or an average of 89 cents per pound of milkfat. On the basis of milkfat, prices were up 1 cent per pound from the preceding month and 3 cents from March 1960. By States, milkfat prices ranged from a high of 94 cents per pound in Wisconsin to a low of 82 cents in Kentucky.

Reporting condenseries for which historical data are available purchased 453 million pounds of milk from approximately 79,000 producers during March. Average daily purchases per producer were 185.0 pounds, up 16 percent from a year earlier and 27 percent above the 1955-59 average for March.

DRY MILK: End-of-March stocks of total nonfat dry milk held by reporting manufacturers were 104.9 million pounds, 3 percent higher than March 31, 1960 and 24 percent above the 1955-59 average for the date. Holdings of spray-dried nonfat milk at 96.0 million pounds were up 3 percent from a year earlier and were 28 percent larger than the 5-year end-of-March average. Stocks of roller-dried nonfat milk totaled 8.9 million pounds, fractionally less than end-of-March holdings in 1960 and 6 percent less than average for the date. Reporting manufacturers also held 5.8 million pounds of dry whole milk on March 31. This was 15 percent below stocks of a year earlier and 26 percent below the 1955-59 end-of-March average. Holdings of dry buttermilk totaled 6.8 million pounds, a loss of 20 percent from the preceding March 31 but a gain of 22 percent from average. Manufacturers' stocks of dry skim milk for animal feed were 1.2 million pounds at the end of March, up 67 percent from a year earlier and 52 percent above the 5-year end-of-March average.

Reporting manufacturers shipped larger quantities of all major dry milk products, except dry skim milk for animal feed, during March than in February. Shipments of all except dry whole milk were larger than in March 1960. Compared with a year earlier, shipments of total nonfat dry milk for human food increased 5 percent, dry skim milk for animal feed was up 21 percent and dry buttermilk rose 30 percent while movement of dry whole milk dropped 20 percent.

Manufacturers' selling prices of nonfat dry milk for human food averaged 14.33 cents per pound during March. This was 0.4 cent above the February average and 0.5 cent above the March price last year. Spray-dried nonfat milk at 14.48 cents per pound was up 0.5 cent from a month earlier and 0.6 cent from March 1960. Prices of roller-dried nonfat milk averaged 12.46 cents per pound in March, down 0.1 cent from the preceding month and 0.3 cent less than a year earlier.

March selling prices of dry whole milk in all sizes of packages averaged 35.51 cents per pound, down 1.1 cents from a month earlier and 2.1 cents below the March 1960 average. Dry whole milk in 1-2½ pound packages averaged 45.04 cents per pound, 1.9 cents less than the February average and 0.8 cent less than in March last year. In 5-pound packages dry whole milk averaged 40.66 cents per pound in March. This was 1.2 cents lower than the February average and 0.6 cent below March 1960. Dry whole milk in miscellaneous large packages, mostly barrels and drums, averaged 30.22 cents per pound, down 1.6 cents from the preceding month and 0.7 cent below the March average price last year.

Manufacturers' March selling prices of dry buttermilk for human food and animal feed combined averaged 13.06 cents per pound, practically the same as a month earlier but down 0.1 cent from last March. Dry skim milk for animal feed at 10.55 cents per pound was down 0.2 cent from February but up 0.2 cent from March 1960.

Previously the monthly data on dairy price-support activities have shown purchases by month of purchase contract. Purchases of nonfat dry milk in bulk containers are for immediate delivery. However, contracts are made for sizeable quantities in small containers, generally for delivery during several months following. For example, contracts were made in March 1961 to buy nearly 345 million pounds of nonfat dry milk, including 288 million pounds in small containers for delivery during the April-September 1961 period. Deliveries under the combined price-support and Section 32 purchase programs by time of delivery show the quantities that have been removed from the market under both programs.

Quantities under contract to purchase and quantities actually delivered during the years from 1954 through the 1960-61 marketing year follow:

<u>Program Year</u> (April-March)	<u>Contracts 1/</u> (Mil. lb.)	<u>Deliveries 2/</u> (Mil. lb.)
1954-55	535.8	526.4
1955-56	623.7	604.2
1956-57	798.5	736.1
1957-58	829.3	907.4
1958-59	941.3	825.8
1959-60	748.3	856.8
1960-61	1,103.6	837.3

1/ Purchase contracts made during each period.

2/ Purchase contracts in large containers plus scheduled deliveries in small containers in each period.

Beginning with this issue, data on deliveries to the Department rather than contracts to purchase will be shown in this report.

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Table 1.-Evaporated, condensed, and dry milk: Production, March 1961

Commodity	March 1960 ^{1/}	March 1961 ^{1/}			Jan.-Mar. 1961	
		Total	Change from--		Total	Change from Jan.-Mar. 1960
			Mar. 1955-59 average	Mar. 1960		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods)...	169,300	181,000	-10	+ 7	455,000	+ 4
Condensed whole (case goods)....	6,115	6,260	+37	+ 2	18,165	+13
<u>Dry milk:</u>						
Dry whole milk.....	9,600	7,500	- 7	-22	20,730	-17
Nonfat dry milk (human food):						
Spray process.....	156,500	181,000	+37	+16	462,500	+ 5
Roller process.....	13,700	13,300	- 7	- 3	34,200	- 9
Total.....	170,200	194,300	+32	+14	496,700	+ 4
Dry skim milk (animal feed).....	2,050	2,550	+48	+24	6,340	+10
Dry buttermilk.....	8,950	8,700	+33	- 3	23,350	- 5

^{1/} Estimates subject to revision when enumerations are available for 1960.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks March 31, 1961 ^{1/}

Commodity	Average Mar. 31, 1955-59	Mar. 31, 1960 ^{2/}	March 31, 1961		
			Total	Change from--	
				Mar. 31, 1955-59 av.	Mar. 31, 1960
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods)...	92,734	95,491	83,145	-10	-13
Condensed whole (case goods)....	6,359	5,517	5,676	-11	+ 3
<u>Dry milk:</u>					
Dry whole milk.....	7,815	6,822	5,813	-26	-15
Nonfat dry milk (human food):					
Spray process.....	75,229	92,756	95,962	+28	+ 3
Roller process.....	9,493	8,939	8,910	- 6	0
Total.....	84,722	101,695	104,872	+24	+ 3
Dry skim milk (animal feed).....	793	723	1,204	+52	+67
Dry buttermilk.....	5,534	8,469	6,762	+22	-20

^{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, March 1961 ^{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
<u>Cents</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
6 -6½	-	-	3,900	-	-
7 -7½	-	-	5,270	-	-
8 -8½	-	-	41,118	-	27,025
8½-9	-	-	3,339	-	42,000
9 -9½	-	-	51,526	-	162,160
9½-10	-	-	185,655	-	87,800
10 -10½	-	-	105,576	-	235,560
10½-11	-	-	54,920	-	108,600
11 -11½	-	857,105	88,430	-	218,904
11½-12	264,200	2,430,270	147,310	19,800	98,053
12 -12½	-	2,145,622	57,143	112,000	7,300
12½-13	18,800	2,652,100	9,515	817,900	-
13 -13½	15,616,281	1,999,662	35,325	1,173,363	-
13½-14	26,317,690	109,419	1,894	642,162	-
14 -14½	15,323,902	156,400	-	616,500	-
14½-15	23,681,523	422,179	-	719,033	-
15 -15½	16,701,784	157,774	-	232,400	-
15½-16	5,667,469	-	-	-	-
16 -16½	6,344,270	-	-	147,430	-
16½-17	554,774	-	-	-	-
17 -17½	5,833,336	-	-	61,950	-
17½-18	3,076,630	-	-	-	-
Dry whole milk ^{4/}					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	
24½-25½	-	-	732,017	732,017	
28½-29½	-	-	142,570	142,570	
29½-30½	-	-	537,080	537,080	
30½-31½	-	-	288,300	288,300	
31½-32½	-	-	561,850	561,850	
32½-33½	-	-	1,750	1,750	
33½-34½	-	109,530	280,723	390,253	
34½-35½	-	-	114,450	114,450	
35½-36½	253,190	-	174,278	427,468	
37½-38½	-	44,190	-	44,190	
38½-39½	-	233,190	-	233,190	
40½-41½	299,528	-	-	299,528	
44½-45½	-	280,674	-	280,674	
51½-52½	523,020	-	-	523,020	

^{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, March 1961 ^{1/}

Commodity	March 1960	February 1961	March 1961		
			Total	Change from--	
				March 1960	February 1961
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	7,296	5,361	5,828	-20	+ 9
Nonfat dry milk (human food):					
Spray process ^{2/}	133,238	102,922	137,335	+ 3	+33
Roller process.....	8,594	8,148	11,238	+31	+38
Total.....	141,832	111,070	148,573	+ 5	+34
Dry skim milk (animal feed).....	676	954	817	+21	-14
Dry buttermilk:					
For human food.....	4,194	4,078	5,363	+28	+32
For animal feed.....	822	992	1,134	+38	+14
Total.....	5,016	5,070	6,497	+30	+28

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

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

Table 5.-Dry milk: Manufacturers' average selling price per pound, f.o.b. plant, March 1961 ^{1/}

Month	Nonfat dry milk ^{2/}			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and animal	1-2 ¹ / ₂ pound pkgs.	5-pound pkgs.	Other pkgs. ^{3/}	Total
Mar. 1955-59	15.12	13.38	14.96	10.03	14.92	13.81	9.09	12.85	44.91	39.96	31.95	38.50
Mar. 1960... ^{4/}	13.87	12.80	13.81	10.30	13.79	13.65	10.86	13.15	45.82	41.23	30.96	37.58
Feb. 1961... ^{4/}	13.99	12.53	13.88	10.70	13.86	13.76	10.40	13.10	46.90	41.82	31.85	36.59
Mar. 1961... ^{4/}	14.48	12.46	14.33	10.55	14.31	13.68	10.15	13.06	45.04	40.66	30.22	35.51

^{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/} Includes barrels and drums. ^{4/} Excludes spray-dried nonfat milk sold in packages of retail size.

Table 6.-Evaporated whole milk : Manufacturers' average selling price per case of 48 14¹/₂-oz. cans, in carlots, by geographic divisions, March 1961 ^{1/}

Geographic division	March 1960	February 1961	March 1961
	Dollars	Dollars	Dollars
New England.....	6.29	6.22	6.21
Middle Atlantic.....	6.25	6.16	6.17
South Atlantic.....	6.30	6.24	6.24
East North Central.....	6.27	6.23	6.21
West North Central.....	6.44	6.43	6.42
South Central.....	6.45	6.42	6.42
North Western ^{2/}	6.54	6.44	6.47
South Western ^{3/}	6.59	6.50	6.53
United States.....	6.37	6.31	6.31

^{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/} Montana, Wyoming, Idaho, Washington and Oregon are included in the North Western Division.

^{3/} Colorado, New Mexico, Arizona, Nevada, Utah and California are included in the South Western Division.

Table 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, March 1961 ^{1/}

State and division	March 1960			February 1961			March 1961		
	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
Pa.	3.04	3.66	.83	3.16	3.63	.87	3.12	3.58	.87
M.Atl. ^{2/}	3.04	3.66	.83	3.16	3.63	.87	3.12	3.58	.87
Md.	3.58	4.13	.87	3.60	4.07	.88	3.47	3.90	.89
Va.	3.51	4.35	.81	3.56	4.33	.82	3.43	4.10	.84
S.Atl. ^{2/}	3.58	4.38	.82	3.58	4.34	.82	3.45	4.12	.84
Ohio.....	3.54	4.11	.86	3.55	4.10	.87	3.45	3.95	.87
Ind.	3.69	4.24	.87	3.73	4.18	.89	3.72	4.03	.92
Ill.	3.28	3.72	.88	3.46	3.77	.92	3.38	3.67	.92
Mich.	3.32	3.85	.86	3.50	3.85	.91	3.40	3.78	.90
Wis.	3.31	3.65	.91	3.39	3.63	.93	3.39	3.59	.94
E.N.C. ..	3.38	3.82	.88	3.47	3.81	.91	3.43	3.72	.92
Mo.	3.61	4.38	.82	3.58	4.32	.83	3.55	4.17	.85
Kans.	3.43	4.10	.84	3.35	3.94	.85	3.35	3.87	.87
W.N.C. ^{2/}	3.39	3.97	.85	3.45	3.94	.88	3.46	3.86	.90
Ky.	3.46	4.41	.78	3.51	4.36	.81	3.39	4.14	.82
Tenn.	3.55	4.49	.79	3.58	4.39	.82	3.46	4.16	.83
Ala.	3.40	4.33	.79	3.55	4.39	.81	3.42	4.14	.83
Miss.	3.54	4.43	.80	3.67	4.41	.83	3.55	4.19	.85
Ark.	3.51	4.31	.81	3.50	4.27	.82	3.46	4.09	.85
S.Cent. ^{2/}	3.51	4.43	.79	3.56	4.37	.81	3.45	4.15	.83
Idaho.....	3.38	3.83	.88	3.48	3.82	.91	3.46	3.73	.93
N.W. ^{2/} ..	3.41	3.90	.87	3.51	3.90	.90	3.48	3.82	.91
Utah.	3.03	3.56	.85	3.22	3.58	.90	3.17	3.53	.90
Calif.	3.39	3.78	.90	3.54	3.91	.91	3.48	3.77	.92
S.W. ^{2/} ..	3.33	3.74	.89	3.48	3.85	.90	3.43	3.73	.92
U.S. ^{2/} ..	3.40	3.97	.86	3.49	3.96	.88	3.43	3.85	.89

^{1/} Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported.
^{2/} Includes data for some States not shown separately.

Table 8.-Milk bought by condenseries: Quantity bought, and number of producers, March 1961 ^{1/}

Item	Average Mar. 1955-59	Mar. 1960 ^{2/}	Mar. 1961
Milk bought from producers..... pounds	481,507,000	444,758,000	453,033,000
Producers..... number	107,000	90,000	79,000
Average per producer per day..... pounds	145.2	159.4	185.0
Change in purchases per producer:			
1961 from 1960..... percent	xxxx	xxxx	+16.1
1961 from 5-year average..... percent	xxxx	xxxx	+27.4

^{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.

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Deliveries of nonfat dry milk to the United States Department of Agriculture under price support and Section 32 programs during March were 91.6 million pounds and for the entire marketing year which ended March 31, 1961 totaled 837 million pounds. On April 19, the Department held 130.2 million pounds of uncommitted supplies of nonfat dry milk.

Condensery-pay-price for Chicago Milk Marketing Order:

The average price per hundredweight reported paid to producers for the entire month by 11 Midwest condenseries for milk of 3.5% fat content used in calculating class prices:

Mar. 1961
\$ 3.228

Chicago Area Nonfat Dry Milk Price:

The average price per pound received f.o.b. plant in carlots covering the States of Illinois, Indiana, Michigan, Minnesota, and Wisconsin:

Feb. 26-Mar. 25, 1961
Spray 13.95¢
Roller 12.29¢