

EVAPORATED, CONDENSED, AND DRY MILK
REPORT FOR MARCH 1960

APRIL 29, 1960
MAY 1, 1960

April 29, 1960

HD
9282
U42
U5A

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk continued to lag behind that of a year earlier and the 1954-58 average during March, the Crop Reporting Board reports. Output during the month is estimated at 169.6 million pounds, a drop of 7 percent from the preceding March and 17 percent below the 5-year March average. This marked the 6th consecutive month in which evaporated milk production was less than that of the corresponding month a year earlier. Cumulative output for the first 3 months of 1960 at 439.4 million pounds was down 6 percent from the quantity made during the first quarter of 1959.

Meanwhile, production of canned sweetened condensed whole milk exceeded that of a year earlier for the 6th consecutive month. March output was 6.1 million pounds, a gain of 17 percent over the same month last year and 55 percent above the 1954-58 average. Production for the first quarter of 1960 totaled 16.1 million pounds, up 13 percent from the January through March output in 1959.

DRY MILK: Production of all major dry milk products continued sharply above a year earlier during March, the Crop Reporting Board reports. Compared with March 1959, output of nonfat dry milk for human food was up 6 percent, dry whole milk jumped 22 percent, dry skim milk for animal feed rose 17 percent, and dry buttermilk increased 16 percent.

March production of total nonfat dry milk for human food (spray and roller process combined) was 167.4 million pounds, a gain of 6 percent from March 1959, 18 percent above average and the largest output of record for the month. January through March production totaled 472.7 million pounds, an increase of 10 percent over the same period of 1959.

Spray-dried nonfat milk production at 155.0 million pounds was up 6 percent from a year earlier, 24 percent from the 1954-58 average, and a new record high for the month. Cumulative output for the first 3 months of 1960 was 437.6 million pounds, 10 percent more than in the same period last year.

Roller-dried nonfat milk output in March totaled 12.4 million pounds, up 12 percent from March 1959 but down 28 percent from the 5-year average for the month. The 35.1 million pounds produced during the first quarter of 1960 exceeded output for the same period a year earlier by 22 percent.

March dry whole milk production was 10 million pounds, up 22 percent from a year earlier and 20 percent above the 1954-58 March average. Cumulative output for January through March 1960 was 29 million pounds, up 21 percent from the first 3 months of last year.

Dry buttermilk production at 7.8 million pounds exceeded that of March 1959 by 16 percent, was 26 percent above average and the largest March output of record. The 21 million pounds produced during the first 3 months of 1960 were 9 percent more than output during the same period of 1959.

March production of dry skim milk for animal feed was 1.4 million pounds, up 17 percent from a year earlier but down 9 percent from the 1954-58 average for the month. Cumulative output for January through March was 3.4 million pounds, a decrease of 2 percent from the first 3 months of 1959.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' stocks of evaporated whole milk on March 31 were reported at 95.6 million pounds, up 14 percent from a year earlier but down 1 percent from the 1954-58 end-of-March average. Holdings of canned sweetened condensed whole milk totaled 5.5 million pounds, a gain of 8 percent from March 31, 1959 but 13 percent below the 5-year average for the date.

Manufacturers' selling prices of evaporated whole milk averaged \$6.37 per case of 48 14½-oz. cans during March. This was a decline of 1 cent per case from the preceding month but an increase of 20 cents from the March 1959 price and the second highest average price of record for the month. Compared with a month earlier, March prices were down 2 cents per case in the Middle Atlantic States, 1 cent in the New England and North Central areas. Other regional prices remained unchanged from February.

Prices paid producers by condenseries during March averaged \$3.40 per hundred-weight for milk testing 3.97 percent fat or 86 cents per pound of milkfat. On the basis of milkfat, prices were unchanged from the preceding month but 1 cent per pound higher than in March 1959.

Reporting condenseries for which historical data are available purchased 445.1 million pounds of milk from approximately 90,000 producers during March. Average daily purchases per producer were 159.5 pounds, up fractionally from a year earlier and 14 percent above the 1954-58 March average.

DRY MILK: Stocks of all major milk products held by reporting manufacturers continue sharply above those of a year earlier. Holdings of total nonfat dry milk for human food (spray and roller combined) were 101.6 million pounds on March 31. This was 29 percent larger than end-of-March stocks last year, 16 percent above average, and the third largest holdings of record for the date. Reporting manufacturers held 92.8 million pounds of spray-dried nonfat milk, one-fourth more than on March 31, 1959 and 23 percent more than the 1954-58 end-of-March average. March 31 stocks of roller-dried nonfat milk at 8.9 million pounds were nearly double those of a year earlier but one-fourth less than average.

Holdings of dry whole milk totaled 6.8 million pounds, up 13 percent from a year earlier but down 16 percent from the 1954-58 end-of-March average. Dry buttermilk stocks of 8.1 million pounds were 38 percent larger than both March 31, 1959 and average and were the second largest March 31 holdings of record. The 709,000 pounds of dry skim milk for animal feed held by reporting manufacturers were 24 percent more than end-of-March stocks in 1959 but 24 percent less than average.

Reporting manufacturers shipped larger quantities of all major dry milk products during March than a month earlier. Compared with March a year ago, movement of spray-dried nonfat milk increased 13 percent, dry whole milk jumped 27 percent, and dry buttermilk was up 9 percent, while roller-dried nonfat milk declined 5 percent, and dry skim milk for animal feed dropped 11 percent.

Manufacturers' selling prices of nonfat dry milk for human food averaged 13.81 cents per pound during March. This was a gain of 0.1 cent per pound from the preceding month and 0.2 cent higher than the March 1959 average. Spray-dried nonfat at 13.87 cents per pound was up 0.1 cent from a month earlier and 0.2 cent from March a year ago. Roller-dried nonfat milk prices averaged 12.80 cents per pound, down 0.1 cent from February 1960 but up 0.4 cent from March 1959.

March selling prices of dry whole milk in all sizes of packages averaged 37.58 cents per pound, a loss of 1.4 cents per pound from the preceding month and down 0.5 cent from the March average last year. Prices of dry whole milk in 1-2½ pound packages averaged 45.82 cents per pound, up 1.0 cent from a month earlier and 0.8 cent from March 1959. In 5-pound packages dry whole milk averaged 41.23 cents per pound in March. This was a loss of 0.4 cent per pound from February but a gain of 1.7 cents over the March 1959 average. Dry whole milk in miscellaneous large packages, mostly barrels and drums, average 30.96 cents per pound in March, a decline of 0.8 cent from the preceding month but an advance of 0.1 cent over the average prices in March last year.

Manufacturers' selling prices of dry buttermilk for human food and animal feed combined averaged 13.15 cents per pound, down 0.3 cent from February but up 0.1 cent from March 1959. Dry skim milk for animal feed at 10.30 cents per pound was 0.3 cent lower than a month earlier but 0.6 cent higher than the preceding March.

U. S. Department of Agriculture purchases of nonfat dry milk for price support and Section 32 purposes in April through the 26th totaled 101.3 million pounds. March purchases were 93.2 million pounds and for the entire marketing year which ended March 31, 1960, totaled 748.3 million pounds. Sales of nonfat dry milk back to the trade for animal feed during the April 1, 1959 through March 31, 1960 marketing year totaled 29 million pounds. Sales for animal feed were suspended in October 1959. The Department held 174.3 million pounds of uncommitted supplies of nonfat dry milk on April 20.

Table 1.-Evaporated, condensed, and dry milk: Production, March 1960

Commodity	March 1959 ^{1/}	March 1960 ^{1/}			Jan.-March 1960	
		Total	Change from--		Total	Change from Jan.-March 1959
			March 1954-58 average	March 1959		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods)...	182,600	169,600	-17	- 7	439,400	- 6
Condensed whole (case goods)....	5,230	6,110	+55	+17	16,135	+13
<u>Dry milk:</u>						
Dry whole milk.....	8,150	9,950	+20	+22	28,950	+21
Nonfat dry milk (human food):						
Spray process.....	146,300	155,000	+24	+ 6	437,600	+10
Roller process.....	11,100	12,400	-28	+12	35,100	+22
Total.....	157,400	167,400	+18	+ 6	472,700	+10
Dry skim milk (animal feed)....	1,150	1,350	- 9	+17	3,450	- 2
Dry buttermilk.....	6,750	7,800	+26	+16	20,950	+ 9

^{1/} Estimates subject to revision when enumerations are available for 1959.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks March 31, 1960 ^{1/}

Commodity	Average March 31, 1954-58	March 31, 1959 ^{2/}	March 31, 1960		
			Total	Change from--	
				March 31, 1954-58 av.	March 31, 1959
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods)...	96,413	84,242	95,644	- 1	+14
Condensed whole (case goods)....	6,335	5,116	5,517	-13	+ 8
<u>Dry milk:</u>					
Dry whole milk.....	8,136	6,025	6,822	-16	+13
Nonfat dry milk (human food):					
Spray process.....	75,572	74,468	92,777	+23	+25
Roller process.....	11,847	4,485	8,869	-25	+98
Total.....	87,419	78,953	101,646	+16	+29
Dry skim milk (animal feed)....	934	570	709	-24	+24
Dry buttermilk.....	5,913	5,912	8,149	+38	+38

^{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 1960 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
Cents	Pounds	Pounds	Pounds	Pounds	Pounds
6 - 6½	-	-	8,188	-	-
7 - 7½	-	-	10,455	-	-
8 - 8½	-	-	45,014	-	-
8½ - 9	-	-	3,312	-	-
9 - 9½	-	-	60,993	-	121,800
9½ - 10	-	-	44,357	-	9,855
10 - 10½	-	-	150,628	-	81,795
10½ - 11	-	-	105,663	-	120,084
11 - 11½	-	204,300	97,575	-	163,255
11½ - 12	-	27,200	6,898	-	153,863
12 - 12½	248,150	1,872,475	84,250	462,000	9,500
12½ - 13	6,265,103	3,467,087	4,980	262,700	102,515
13 - 13½	36,201,932	798,190	-	899,991	-
13½ - 14	29,745,643	1,355,916	-	473,500	-
14 - 14½	25,323,688	89,700	-	102,375	-
14½ - 15	2,139,422	368,475	-	420,785	-
15 - 15½	6,065,986	-	-	104,100	-
15½ - 16	8,429,007	-	-	161,300	-
16 - 16½	2,207,832	-	-	153,650	-
16½ - 17	12,950	-	-	14,400	-
17 - 17½	467,973	-	-	23,700	-
Dry whole milk 4/					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	Pounds	Pounds	Pounds	Pounds	
26½ - 27½	-	-	19,515	19,515	
28½ - 29½	-	-	821,020	821,020	
29½ - 30½	-	-	319,050	319,050	
30½ - 31½	-	-	937,550	937,550	
31½ - 32½	-	-	110,470	110,470	
32½ - 33½	177,438	151,500	318,271	647,209	
33½ - 34½	-	-	66,750	66,750	
34½ - 35½	-	-	168,678	168,678	
35½ - 36½	-	-	146,449	146,449	
36½ - 37½	-	19,045	-	19,045	
40½ - 41½	16,959	24,750	-	41,709	
42½ - 43½	-	1,009,920	-	1,009,920	
46½ - 47½	1,426,185	-	-	1,426,185	

- 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 1960 ^{1/}

Commodity	March 1959	February 1960	March 1960		
			Total	Change from--	
				March 1959	February 1960
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	5,727	5,708	7,296	+27	+28
Nonfat dry milk (human food):					
Spray process ^{2/}	117,472	114,208	132,659	+13	+16
Roller process.....	8,800	7,646	8,336	- 5	+ 9
Total.....	126,272	121,854	140,995	+12	+16
Dry skim milk (animal feed).....	741	610	661	-11	+ 8
Dry buttermilk:					
For human food.....	3,591	3,655	3,756	+ 5	+ 3
For animal feed.....	597	443	820	+37	+85
Total.....	4,188	4,098	4,576	+ 9	+12

^{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 1960 ^{1/}

Month	Nonfat dry milk ^{2/}			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			Total
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. ^{3/}	
March 1954-58	Cents 15.44	Cents 13.45	Cents 15.22	Cents 10.10	Cents 15.18	Cents 13.74	Cents 8.64	Cents 12.49	Cents 44.86	Cents 39.91	Cents 33.03	Cents 38.99
March 1959....	^{4/} 13.67	12.41	13.58	9.72	13.56	13.46	10.10	13.02	45.04	39.55	30.89	38.11
Feb. 1960....	^{4/} 13.78	12.94	13.73	10.63	13.71	13.72	11.04	13.43	44.83	41.65	31.79	39.01
March 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

^{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 14½-oz. cans, in carlots, by geographic divisions, March 1960 ^{1/}

Geographic division	March 1959	February 1960	March 1960
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
New England.....	6.10	6.30	6.29
Middle Atlantic.....	6.08	6.27	6.25
South Atlantic.....	6.14	6.30	6.30
East North Central.....	6.08	6.28	6.27
West North Central.....	6.24	6.45	6.44
South Central.....	6.23	6.45	6.45
North Western.....	6.31	6.54	6.54
South Western.....	6.35	6.59	6.59
United States.....	6.17	6.38	6.37

^{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.

Table 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, March 1960 ^{1/}

State and division	March 1959			February 1960			March 1960		
	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.	2.99	3.63	.82	3.14	3.65	.86	3.04	3.66	.83
M.Atl. ^{2/}	2.99	3.63	.82	3.14	3.65	.86	3.04	3.66	.83
Md.	3.63	4.00	.91	3.66	4.14	.88	3.58	4.13	.87
Va.	3.53	4.24	.83	3.58	4.45	.80	3.51	4.35	.81
S.Atl. ^{2/}	3.51	4.24	.83	3.63	4.43	.82	3.58	4.38	.82
Ohio	3.40	4.00	.85	3.57	4.11	.87	3.54	4.11	.86
Ind.	3.51	4.15	.85	3.74	4.25	.88	3.69	4.24	.87
Ill.	3.18	3.70	.86	3.29	3.74	.88	3.28	3.72	.88
Mich.	3.23	3.75	.86	3.34	3.83	.87	3.32	3.85	.86
Wis.	3.17	3.62	.88	3.32	3.66	.91	3.31	3.65	.91
E.N.C. ...	3.25	3.77	.86	3.40	3.83	.89	3.38	3.82	.88
Mo.	3.51	4.19	.84	3.65	4.42	.83	3.61	4.38	.82
Kans.	3.37	3.93	.86	3.46	4.11	.84	3.43	4.10	.84
W.N.C. ^{2/}	3.30	3.83	.86	3.39	3.96	.86	3.39	3.97	.85
Ky.	3.33	4.28	.78	3.51	4.45	.79	3.46	4.41	.78
Tenn.	3.39	4.29	.79	3.61	4.53	.80	3.55	4.49	.79
Ala.	3.29	4.25	.77	3.47	4.41	.79	3.40	4.33	.79
Miss.	3.30	4.21	.78	3.67	4.53	.81	3.54	4.43	.80
Ark.	3.39	4.11	.82	3.57	4.37	.82	3.51	4.31	.81
S.Cent. ^{2/}	3.35	4.25	.79	3.57	4.48	.80	3.51	4.43	.79
Idaho	3.34	3.75	.89	3.50	3.95	.89	3.38	3.83	.88
N.W. ^{2/} ..	3.36	3.85	.87	3.53	4.02	.88	3.41	3.90	.87
Utah	3.10	3.56	.87	3.07	3.61	.85	3.03	3.56	.85
Calif. ...	3.47	3.79	.92	3.53	3.94	.90	3.39	3.78	.90
S.W. ^{2/} ..	3.39	3.75	.90	3.44	3.88	.89	3.33	3.74	.89
U.S. ^{2/} ..	3.31	3.89	.85	3.45	4.00	.86	3.40	3.97	.86

^{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 1960 ^{1/}

Item	Average March 1954-58	March 1959 ^{2/}	March 1960
Milk bought from producers..... pounds	497,125,000	442,230,000	445,067,000
Producers..... number	115,000	90,000	90,000
Average per producer per day..... pounds	139.4	158.5	159.5
Change in purchases per producer:			
1960 from 1959..... percent	xxxx	xxxx	+ 0.6
1960 from 5-year average..... percent	xxxx	xxxx	+14.4

^{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.

UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON 25, D. C.

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE

OFFICIAL BUSINESS

Albert R. Mann Library
Acquisitions Division
535B Ithaca, N.Y.

Condensery-pay-price for Chicago Milk Marketing Order:

The average price per hundredweight reported paid to producers
for the entire month by 12 Midwest condenseries for milk of
3.5% fat content used in calculating class prices:

March 1960
\$3.0946

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, 1960
Spray 13.54¢
Roller 12.60¢