

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR MARCH 1964

April 30, 1964

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk in March is estimated at 153 million pounds, according to the Crop Reporting Board. This is 5 percent above a year earlier, but 10 percent below the March 1958-62 average. Production for the first three months of 1964 totaled 437 million pounds, up 8 percent from the corresponding period last year.

Canned sweetened condensed whole milk output in February was 6.7 million pounds, 7 percent above a year earlier and 29 percent above average. Production for January-March amounted to 18.3 million pounds, 16 percent greater than the comparable 1963 period.

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

Month	1958-62 average 1/	1962 1/	Estimated		Change from--	
			1963	1964	1958-62 av.	1963
			<u>Million pounds</u>		<u>Percent</u>	
January.....	134.7	118.2	135.8	139.0	+3	+2
February.....	133.0	119.1	123.8	144.8	+9	+17
March.....	169.8	150.0	146.2	153.0	-10	+5
Three-month total	437.5	387.3	405.8	436.8	0	+8

1/ From enumerations.

DRY MILK: Production of nonfat dry milk for human food (spray and roller process combined) in March was 208 million pounds, according to the Crop Reporting Board. This is 7 percent above a year earlier, 19 percent above the March 1958-62 average and the largest production of record for the month. Production for the January-March period totaled 565 million pounds, up 6 percent from the corresponding period of 1963.

Spray-dried nonfat milk output in March was 200 million pounds, up 8 percent from a year earlier, 23 percent above average and the largest March production of record. Production for the first quarter of the year totaled 543 million pounds, 6 percent larger than the same period last year.

The 7.7 million pounds of roller-dried nonfat milk produced were 3 percent above March a year ago but 35 percent below the average for the month. Output for January-March amounted to 21.8 million pounds, down less than one-half percent from the same period of 1963.

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

Month	1958-62 average 1/	1962 1/	Estimated		Change from--	
			1963	1964	1958-62 av.	1963
			<u>Million pounds</u>		<u>Percent</u>	
January.....	152.4	185.4	174.0	177.3	+16	+2
February.....	150.1	179.8	166.4	179.8	+20	+8
March.....	174.8	206.0	193.5	207.7	+19	+7
Three-month total	477.3	571.2	533.9	564.8	+18	+6

1/ From enumerations.

March production of dry whole milk was 6.1 million pounds, 8 percent under a year earlier and 16 percent below average. The 20.7 million pounds produced during the first quarter of 1964 were 11 percent under the comparable period a year ago.

Dry buttermilk production was 8.8 million pounds in March. This is 2 percent larger than a year earlier, and 8 percent above average. January-March production totaled 24.6 million pounds, 4 percent larger than the corresponding period of 1963.

March production of dry skim milk for animal feed was 1.4 million pounds, a decrease of 50 percent from March last year, 37 percent below average and the smallest production for the month since 1951. Output for the first three months this year totaled 4.1 million pounds, down 42 percent from the comparable months of last year.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on March 31 totaled 70 million pounds, 17 percent above a year earlier, but 16 percent below the 1958-62 average for the date. Canned sweetened condensed whole milk stocks were 7.3 million pounds, 38 percent above March 1963 and 39 percent above average.

Prices paid producers by reporting condenseries during March averaged \$3.36 per hundredweight for milk testing 3.87 percent fat, or an average of 87 cents per pound of milkfat. On a milkfat basis, prices declined one cent from February but were 2 cents above March 1963. By States, prices ranged from a high of 93 cents per pound in Wisconsin to a low of 82 cents in Kentucky, Tennessee, and Mississippi.

Reporting condenseries for which historical data are available purchased 406 million pounds of milk during March from approximately 59,000 producers. Average daily purchases per producer were 222 pounds, 6 percent larger than March last year, 33 percent above average, and record high for the month.

Manufacturers' selling prices for evaporated whole milk during March averaged \$5.98 per case of 48 14½-oz. cans. Prices were unchanged from the previous month but 4 cents below March last year. Compared with February, prices increased one cent in the North Western Region, decreased one cent in the South Western and were unchanged in all other areas of the country.

DRY MILK: Total stocks of nonfat dry milk held by reporting manufacturers on March 31 totaled 98 million pounds, 13 percent above a year earlier, but 3 percent under the 1958-62 average for the date. Spray-dried nonfat milk stocks were 92 million pounds, up 10 percent from March 31, 1963 but equal to the average for the date. Holdings of roller-dried nonfat milk were 5.4 million pounds, an increase of 125 percent from March 31 a year ago, but 38 percent below average. Reporting manufacturers held 6.6 million pounds of dry whole milk on March 31. This is 27 percent larger than a year earlier and 2 percent above average. At 6.7 million pounds, stocks of dry buttermilk were 6 percent above a year earlier, but 15 percent less than average. Holdings of dry skim milk for animal feed were 1.1 million pounds, up 25 percent from March 31 a year ago, and 20 percent greater than average.

Shipments of nonfat dry milk for human food during March totaled 152 million pounds, up 6 percent from the previous month, but 1 percent below a year earlier. Shipments of spray-dried nonfat milk were 148 million pounds, up 6 percent from February, but 1 percent under March a year ago. The 4.5 million pounds of roller-dried nonfat milk shipped during March were 1 percent above February but 6 percent below March last year. Dry whole milk shipments totaled 5.2 million pounds, up 1 percent from last month, but down 26 percent from March 1963. Shipments of dry buttermilk (human food and animal feed combined) amounted to 5.2 million pounds, an increase of 21 percent from February, but 6 percent under a year earlier. Shipments of dry skim milk for animal feed totaled 0.8 million pounds, up 60 percent from last month and 15 percent above a year earlier.

Manufacturers' selling prices of nonfat dry milk, spray and roller combined, during March averaged 14.61 cents per pound compared with 14.64 cents for February and 14.40 cents for March 1963. Selling prices for spray-dried nonfat milk were 14.62 cents per pound, fractionally below last month but 0.2 cent above a year earlier. Roller prices averaged 14.18 cents per pound, 0.1 cent under February but 0.4 cent above March last year.

Dry whole milk in all size containers averaged 34.56 cents per pound in March, up 0.4 cent from February, but 2.5 cents less than March a year ago. Dry buttermilk (human food and animal feed combined) averaged 13.52 cents per pound, up 0.2 cent from February and 0.9 cent above a year earlier.

Deliveries of nonfat dry milk to the United States Department of Agriculture during March 1964 were 87.8 million pounds. Total deliveries for the period April 1 through March 31, 1964 totaled 922.8 million pounds, compared with 1,278.8 million pounds for the corresponding period of 1963. On April 17 the Department held 185.4 million pounds of uncommitted supplies of nonfat dry milk.

Table 3.-Evaporated, condensed, and dry milk: Production, March 1964

Commodity	March 1964 ^{1/}				Jan.-Mar. 1964	
	Mar. 1963 ^{1/}	Total	Change from--		Total	Change from Jan.-Mar. 1963
			Mar. 1958-62 average	Mar. 1963		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods) .	146,200	153,000	-10	+ 5	436,800	+ 8
Condensed whole (case goods) ..	6,250	6,700	+29	+ 7	18,300	+16
<u>Dry milk:</u>						
Dry whole milk	6,600	6,100	-16	- 8	20,700	-11
<u>Nonfat dry milk (human food):</u>						
Spray process	186,000	200,000	+23	+ 8	543,000	+ 6
Roller process	7,500	7,700	-35	+ 3	21,800	0
Total	193,500	207,700	+19	+ 7	564,800	+ 6
Dry skim milk (animal feed) ...	2,800	1,400	-37	-50	4,100	-42
Dry buttermilk	8,600	8,800	+ 8	+ 2	24,600	+ 4

^{1/} Estimates subject to revision when enumerations are available for 1963.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks March 31, 1964 ^{1/}

Commodity	Average Mar. 31, 1958-62	Mar. 31, 1963 ^{2/}	March 31, 1964		
			Total	Change from--	
				Mar. 31, 1958-62 av.	Mar. 31, 1963
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods) .	82,915	59,728	69,692	-16	+ 17
Condensed whole (case goods) ..	5,214	5,259	7,271	+39	+ 38
<u>Dry milk:</u>					
Dry whole milk	6,453	5,159	6,576	+ 2	+ 27
<u>Nonfat dry milk (human food):</u>					
Spray process	91,958	83,844	92,191	0	+ 10
Roller process	8,830	2,418	5,432	-38	+125
Total	100,788	86,262	97,623	- 3	+ 13
Dry skim milk (animal feed) ...	886	852	1,061	+20	+ 25
Dry buttermilk	7,865	6,296	6,679	-15	+ 6

^{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 5.- Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, March 1964 ^{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
6 -6½	-	-	4,000	-	-	-
7½-8	-	-	3,550	-	-	-
8 -8½	-	-	55,737	-	-	-
8½-9	-	-	5,125	-	-	-
9 -9½	-	-	151,015	-	77,902	-
9½-10	-	-	83,000	-	127,037	-
10 -10½	-	-	247,170	-	247,874	-
10½-11	-	-	88,447	-	181,075	-
11 -11½	-	-	32,003	-	104,750	-
11½-12	-	-	-	50,800	-	-
12 -12½	-	-	47,300	5,700	-	-
12½-13	361,227	-	19,170	2,950	6,350	-
13 -13½	2,290,950	39,550	-	119,450	-	-
13½-14	5,138,861	1,810,234	-	908,928	-	-
14 -14½	54,792,086	920,394	-	1,845,800	-	-
14½-15	26,390,607	1,452,131	-	706,061	-	-
15 -15½	14,412,007	213,135	-	34,200	-	-
15½-16	11,430,575	77,395	-	10,000	-	-
16 -16½	4,402,520	-	-	156,000	-	-
16½-17	502,624	-	-	-	-	-
17 -17½	677,095	-	-	-	-	-
17½-18	217,775	-	-	-	-	-

26½-27½	-	-	-	-	-	555,200
28½-29½	-	-	-	-	-	393,100
29½-30½	-	-	-	-	-	153,800
30½-31½	-	-	-	-	-	270,000
31½-32½	-	-	-	-	-	478,800
32½-33½	-	-	-	-	-	1,039,018
33½-34½	-	-	-	-	-	163,392
36½-37½	-	-	-	-	-	588,898
45½-46½	-	-	-	-	-	209,685
50½-51½	-	-	-	-	-	246,843

- ^{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, March 1964 ^{1/}

Commodity	March 1963 ^{3/}	February 1964	March 1964		
			Total	Change from--	
				March 1963	February 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk	7,075	5,186	5,223	-26	+ 1
Nonfat dry milk (human food):					
Spray process ^{2/}	149,451	139,456	147,763	- 1	+ 6
Roller process	4,852	4,512	4,547	- 6	+ 1
Total	154,303	143,968	152,310	- 1	+ 6
Dry skim milk (animal feed) ...	737	529	846	+15	+60
Dry buttermilk:					
For human food	4,717	3,562	4,422	- 6	+24
For animal feed	860	757	814	- 5	+ 8
Total	5,577	4,319	5,236	- 6	+21

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

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, March 1964 ^{1/}

Commodity	March 1958-62	March 1963	February 1964	March 1964
	Cents	Cents	Cents	Cents
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.71	14.42	14.65	14.62
Roller process	13.00	13.82	14.32	14.18
Spray and roller	14.61	14.40	14.64	14.61
Dry skim animal feed	10.35	11.01	10.10	9.93
Nonfat and dry skim	14.58	14.38	14.62	14.58
Dry buttermilk:				
Human food	13.87	13.02	14.06	14.13
Animal feed	10.17	10.76	10.07	10.19
Human and animal	13.28	12.66	13.36	13.52
Dry whole milk:				
Pkgs. over 5-lbs. ^{4/}	30.84	29.44	31.17	31.12
Total ^{5/}	37.38	37.04	34.17	34.56

- ^{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 14½-oz. cans, in carlots, by geographic divisions, March 1964 ^{1/}

Geographic division	March 1963	February 1964	March 1964
	Dollars	Dollars	Dollars
New England	5.94	5.91	5.91
Middle Atlantic	5.92	5.90	5.90
South Atlantic	5.98	5.90	5.90
East North Central	5.97	5.94	5.94
West North Central	6.13	6.06	6.06
South Central	6.14	6.11	6.11
North Western ^{2/}	6.13	6.12	6.13
South Western ^{3/}	6.09	6.03	6.02
United States	6.02	5.98	5.98

^{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, March 1964 ^{1/}

State and division	March 1963			February 1964			March 1964		
	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/}	3.22	3.79	.85	3.35	3.89	.86	3.30	3.88	.85
Md.	3.29	3.87	.85	3.46	4.01	.86	3.38	3.92	.86
Va.	3.33	4.06	.82	3.53	4.22	.84	3.36	4.04	.83
S.Atl. ^{2/}	3.32	4.06	.82	3.54	4.23	.84	3.38	4.06	.83
Ohio	3.22	3.98	.81	3.38	3.97	.85	3.27	3.95	.83
Ind.	3.36	4.06	.83	3.53	4.11	.86	3.43	4.04	.85
Ill.	3.23	3.67	.88	3.36	3.70	.91	3.34	3.65	.92
Mich.	3.12	3.77	.83	3.27	3.76	.87	3.21	3.77	.85
Wis.	3.34	3.66	.91	3.44	3.66	.94	3.40	3.65	.93
E.N.C. ..	3.27	3.79	.86	3.39	3.81	.89	3.33	3.79	.88
Mo.	3.40	4.02	.85	3.66	4.17	.88	3.50	4.07	.86
Kans.	3.28	3.81	.86	3.49	3.87	.90	3.37	3.83	.88
W.N.C. ^{2/}	3.37	3.83	.88	3.49	3.86	.90	3.42	3.82	.90
Ky.	3.29	4.09	.80	3.47	4.23	.82	3.41	4.17	.82
Tenn.	3.35	4.13	.81	3.52	4.28	.82	3.34	4.09	.82
Miss.	3.42	4.13	.83	3.61	4.33	.83	3.43	4.17	.82
Ark.	3.32	3.92	.85	3.57	4.09	.87	3.38	3.95	.86
S.Cent. ^{2/}	3.33	4.09	.81	3.52	4.25	.83	3.38	4.12	.82
N.W. ^{2/} ..	3.25	3.77	.86	3.33	3.77	.88	3.15	3.60	.88
Calif. ...	3.24	3.73	.87	3.47	3.81	.91	3.39	3.71	.91
S.W. ^{2/} ..	3.22	3.70	.87	3.46	3.78	.92	3.39	3.69	.92
U.S. ^{2/} ..	3.29	3.87	.85	3.45	3.94	.88	3.36	3.87	.87

^{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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OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, March 1964 1/

Item	Average Mar. 1958-62	Mar. 1963	Mar. 1964
Milk bought from producers pounds	446,018,000	415,566,000	405,676,000
Producers number	86,000	64,000	59,000
Average per producer per day pounds	167.3	209.5	221.8
Change in purchases per producer:			
1964 from 1963 percent	xxxx	xxxx	+ 5.9
1964 from 5-year average percent	xxxx	xxxx	+32.6

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.