

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR MAY 1964

June 30, 1964

PRODUCTION

EVAPORATED AND CONDENSED MILK: May production of evaporated whole milk is estimated at 208 million pounds, according to the Crop Reporting Board. This is 2 percent above a year earlier, but 21 percent below the May 1958-62 average. Production for the first 5 months of 1964 totaled 803.8 million pounds, up 1 percent from the comparable period of 1963.

Output of sweetened condensed whole milk during May totaled 10 million pounds, an increase of 23 percent from May a year ago, 49 percent above average and the largest May production since 1949. For the January - May period, production totaled 39 million pounds, up 27 percent from the corresponding period last year.

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

Month	1958-62 average <u>1/</u>	1962 <u>1/</u>	Estimated		Change from--	
			1963	1964	1958-62 av.	1963
			Million pounds		Percent	
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
April.....	201.0	178.5	190.0	159.0	-21	-16
May.....	262.6	227.5	204.0	208.0	-21	+2
Five-month total	901.1	793.3	799.8	803.8	-11	+1

1/ From enumerations.

DRY MILK: Production of nonfat dry milk for human food (spray and roller process combined) in May totaled 248 million pounds, according to the Crop Reporting Board. This is 4 percent under a year earlier but 9 percent above the May 1958-62 average. Output for the first 5 months of 1964 was 1,033 million pounds, up 2 percent from the corresponding period last year.

Spray-dried nonfat milk production in May was 236 million pounds, 3 percent less than May 1963 but 14 percent greater than average for the month. January - May production amounted to 991 million pounds and exceeded the corresponding period of 1963 by 3 percent.

The 11.6 million pounds of roller-dried nonfat milk produced were 17 percent under May a year ago, 40 percent less than average, and the smallest May production of record. A total of 41.7 million pounds were produced during the first 5 months, off 9 percent from the comparable 1963 period.

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

Month	1958-62 average <u>1/</u>	1962 <u>1/</u>	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
April.....	189.7	216.9	217.9	220.3	+16	+1
May.....	226.9	258.5	257.0	247.6	+9	-4
Five-month total	893.9	1,046.6	1,008.8	1,032.7	+16	+2

1/ From enumerations.

May output of dry whole milk was 8.0 million pounds, an increase of 14 percent from May last year, but a decrease of 8 percent from average. The 35.7 million pounds manufactured during the first 5 months of 1964 equaled the quantity made during the corresponding period of 1963.

Output of dry buttermilk was 9.4 million pounds. This is a reduction of 6 percent from May a year ago, but a gain of 4 percent from average. Production for the first 5 months totaled 42.9 million pounds, or equal to the January - May production of 1963.

Dry skim milk for animal feed production totaled 1.5 million pounds, off 57 percent from May last year and down 45 percent from average. For the first 5 months of 1964, production was 7.1 million pounds, a loss of 48 percent from the same period of 1963.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on May 31 totaled 148 million pounds, up 5 percent from a year earlier but 24 percent below the 1958-62 average for the date. Sweetened condensed whole milk stocks totaled 10 million pounds, 46 percent larger than a year earlier, 67 percent above average and the largest holdings on May 31 since 1948.

Prices paid producers by reporting condenseries for May receipts averaged \$3.21 per hundredweight for milk testing 3.77 percent fat, or an average of 85 cents per pound of milkfat. On the basis of milkfat, prices declined 1 cent from April but were 2 cents above May a year ago. By States, prices ranged from a high of 93 cents per pound in California to a low of 80 cents in Kentucky and Tennessee.

Reporting condenseries for which historical data are available purchased 524 million pounds of milk during May from approximately 62,000 producers. Average daily purchases per producer were 273 pounds, record high for the month, 5 percent above a year earlier and 29 percent above average.

Manufacturers' selling prices for evaporated whole milk during May averaged \$5.94 per case of 48 14½-oz. cans. May prices were 2 cents under the previous month and 9 cents below a year earlier. By regions, prices declined 4 cents in the South Central, 3 cents both in the Middle Atlantic and West North Central and 1 cent in all others.

DRY MILK: Total stocks of nonfat dry milk held by reporting manufacturers on May 31 totaled 131 million pounds, up 5 percent from a year earlier, but 9 percent under the 1958-62 average for the date. Spray-dried nonfat milk stocks were 122 million pounds, 4 percent larger than May 31 a year ago, but 5 percent smaller than average. Reporting manufacturers held 8.1 million pounds of roller-dried nonfat on May 31. This is 33 percent above a year earlier, but 43 percent below average. Stocks of dry whole milk were 7.1 million pounds, 30 percent greater than a year earlier, but down 5 percent from average. At 8.3 million pounds, stocks of dry buttermilk were 23 percent above May 31, 1963 but 11 percent under average for the date. Holdings of dry skim milk for animal feed were 1.2 million pounds, up 39 percent from May 31 a year ago, but 3 percent below average.

Shipments of nonfat dry milk for human food during May totaled 173 million pounds, 14 percent above the previous month and 2 percent above May a year ago. Spray-dried nonfat milk shipments were 167 million pounds, up 13 percent from April, 3 percent above May last year and record high for the month. The 6.3 million pounds of roller-dried nonfat milk shipped during May were 19 percent larger than April, but 12 percent smaller than May 1963. Dry whole milk shipments totaled 5.5 million pounds, unchanged from the previous month, but 1 percent higher than a year earlier. Shipments of dry buttermilk (human food and animal feed combined) amounted to 4.3 million pounds, down 19 percent from April and 29 percent lower than a year earlier. Dry skim milk for animal feed shipments during May totaled 0.7 million pounds, 35 percent under the month before and 9 percent less than May 1963.

Manufacturers' selling prices of nonfat dry milk, spray and roller combined, during May averaged 14.63 cents per pound, compared with 14.65 cents the previous month and 14.43 cents for May a year ago. Selling prices for spray-dried nonfat milk were 14.66 cents per pound, fractionally below April, but 0.2 cent above a year earlier. Roller prices averaged 13.93 cents per pound, compared with 14.01 the previous month and 13.89 cents for May last year.

Dry whole milk in all size containers averaged 33.40 cents per pound in May, fractionally below April and 2.2 cents below May 1963. Dry buttermilk (human food and animal feed combined) averaged 13.26 cents per pound. This is 0.1 cent below the previous month but 0.9 cent above May a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during May were 74.9 million pounds. Total deliveries for the period April 1 through May 31, 1964 totaled 145.6 million pounds, compared with 230.6 million pounds in the corresponding period of 1963. On June 19 the Department held 74.5 million pounds of uncommitted supplies of nonfat dry milk.

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

Commodity	May 1963 ^{1/}	May 1964 ^{1/}			Jan.-May 1964	
		Total	Change from--		Total	Change from Jan.-May 1963
			May 1958-62 average	May 1963		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods) .	204,000	208,000	-21	+ 2	803,800	+ 1
Condensed whole (case goods) ..	8,150	10,000	+49	+23	39,000	+27
<u>Dry milk:</u>						
Dry whole milk	7,000	8,000	- 8	+14	35,700	0
Nonfat dry milk (human food):						
Spray process	243,000	236,000	+14	- 3	991,000	+ 3
Roller process	14,000	11,600	-40	-17	41,700	- 9
Total	257,000	247,600	+ 9	- 4	1,032,700	+ 2
Dry skim milk (animal feed) ...	3,500	1,500	-45	-57	7,100	-48
Dry buttermilk	10,000	9,400	+ 4	- 6	42,900	0

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

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

Commodity	Average May 31, 1958-62	May 31, 1963 ^{2/}	May 31, 1964		
			Total	Change from--	
				May 31, 1958-62 av.	May 31, 1963
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods) .	193,475	141,073	147,596	-24	+ 5
Condensed whole (case goods) ..	5,983	6,825	9,977	+67	+46
<u>Dry milk:</u>					
Dry whole milk	7,511	5,511	7,143	- 5	+30
Nonfat dry milk (human food):					
Spray process	128,919	117,947	122,493	- 5	+ 4
Roller process	14,218	6,108	8,137	-43	+33
Total	143,137	124,055	130,630	- 9	+ 5
Dry skim milk (animal feed) ...	1,188	830	1,153	- 3	+39
Dry buttermilk	9,343	6,745	8,282	-11	+23

^{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, May 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	-	-	3,912	-	-	-
7 -7½	-	-	5,124	-	-	-
7½-8	-	-	2,150	-	-	-
8 -8½	-	-	21,984	-	-	-
9 -9½	-	-	102,600	-	39,400	-
9½-10	-	-	28,640	-	197,985	-
10 -10½	-	-	114,619	-	167,300	-
10½-11	-	-	164,531	-	72,290	-
11 -11½	-	-	32,830	80,000	56,000	-
11½-12	-	-	6,200	54,000	-	-
12 -12½	-	-	83,124	-	37,250	-
12½-13	601,004	-	28,690	46,706	32,282	-
13 -13½	1,960,200	943,600	-	201,800	-	-
13½-14	2,276,184	2,066,101	-	716,379	-	-
14 -14½	69,406,001	1,805,910	-	1,129,500	-	-
14½-15	29,480,425	1,266,167	-	443,555	-	-
15 -15½	16,485,423	138,305	-	177,700	-	-
15½-16	3,607,015	51,010	-	-	-	-
16 -16½	6,989,663	-	-	130,400	-	-
16½-17	6,587,092	-	-	-	-	-
17 -17½	798,200	-	-	-	-	-
17½-18	263,515	-	-	-	-	-
=====						
24½-25½	-	-	-	-	-	812,300
27½-28½	-	-	-	-	-	73,000
28½-29½	-	-	-	-	-	597,450
29½-30½	-	-	-	-	-	16,300
30½-31½	-	-	-	-	-	421,500
31½-32½	-	-	-	-	-	608,300
32½-33½	-	-	-	-	-	352,512
33½-34½	-	-	-	-	-	392,442
36½-37½	-	-	-	-	-	443,264
37½-38½	-	-	-	-	-	182,370
44½-45½	-	-	-	-	-	217,935
50½-51½	-	-	-	-	-	279,176

^{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, May 1964 ^{1/}

Commodity	May 1963 ^{3/}	April 1964	May 1964		
			Total	Change from--	
				May 1963	April 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk	5,473	5,531	5,515	+ 1	0
Nonfat dry milk (human food):					
Spray process ^{2/}	161,842	147,207	166,822	+ 3	+13
Roller process	7,155	5,260	6,271	-12	+19
Total	168,997	152,467	173,093	+ 2	+14
Dry skim milk (animal feed) ...	778	1,082	705	- 9	-35
Dry buttermilk:					
For human food	5,009	4,457	3,440	-31	-23
For animal feed	1,015	816	818	-19	0
Total	6,024	5,273	4,258	-29	-19

^{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, May 1964 ^{1/}

Commodity	May 1958-62	May 1963	April 1964	May 1964
	Cents	Cents	Cents	Cents
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.29	14.45	14.67	14.66
Roller process	12.55	13.89	14.01	13.93
Spray and roller	14.17	14.43	14.65	14.63
Dry skim animal feed	10.10	10.76	9.71	10.34
Nonfat and dry skim	14.15	14.40	14.61	14.62
Dry buttermilk:				
Human food	13.37	12.83	14.00	13.98
Animal feed	9.95	10.08	10.15	10.25
Human and animal	12.72	12.35	13.40	13.26
Dry whole milk:				
Pkgs. over 5-lbs. ^{4/}	30.35	30.68	30.16	29.89
Total ^{5/}	36.89	35.60	33.41	33.40

^{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, May 1964 1/

Geographic division	May 1963	April 1964	May 1964
	Dollars	Dollars	Dollars
New England	5.94	5.86	5.85
Middle Atlantic	5.94	5.86	5.83
South Atlantic	6.00	5.88	5.87
East North Central	5.99	5.93	5.92
West North Central	6.12	6.05	6.02
South Central	6.16	6.08	6.04
North Western 2/	6.13	6.12	6.11
South Western 3/	6.07	6.00	5.99
United States	6.03	5.96	5.94

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, May 1964 1/

State and division	May 1963			April 1964			May 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/	3.13	3.76	.83	3.19	3.81	.84	3.15	3.81	.83
Md.	3.08	3.72	.83	3.19	3.82	.84	3.18	3.78	.84
Va.	3.16	3.91	.81	3.22	3.87	.83	3.17	3.88	.82
S.Atl. 2/	3.14	3.92	.80	3.24	3.92	.83	3.20	3.92	.82
Ohio	3.05	3.82	.80	3.16	3.88	.81	3.08	3.81	.81
Ind.	3.11	3.79	.82	3.24	3.96	.82	3.19	3.80	.84
Ill.	3.11	3.54	.88	3.27	3.65	.90	3.16	3.56	.89
Mich.	2.98	3.66	.81	3.13	3.74	.84	3.06	3.67	.83
Wis.	3.25	3.62	.90	3.31	3.63	.91	3.28	3.67	.89
E.N.C. ..	3.13	3.69	.85	3.23	3.75	.86	3.15	3.71	.85
Mo.	3.30	3.96	.83	3.31	3.93	.84	3.31	3.91	.85
Kans.	3.09	3.62	.85	3.22	3.70	.87	3.12	3.58	.87
W.N.C. 2/	3.25	3.78	.86	3.32	3.76	.88	3.25	3.71	.88
Ky.	3.14	3.98	.79	3.14	3.92	.80	3.14	3.92	.80
Tenn.	3.23	4.06	.80	3.21	3.98	.81	3.21	4.00	.80
Miss.	3.30	4.11	.80	3.28	4.05	.81	3.29	4.08	.81
Ark.	3.26	3.93	.83	3.22	3.82	.84	3.28	3.88	.85
S.Cent. 2/	3.20	4.02	.80	3.19	3.95	.81	3.20	3.96	.81
N.W. 2/..	3.08	3.63	.85	3.16	3.50	.90	3.09	3.45	.90
Calif. ...	3.18	3.65	.87	3.40	3.64	.93	3.36	3.61	.93
S.W. 2/..	3.17	3.62	.88	3.39	3.63	.93	3.35	3.59	.93
U.S. 2/..	3.17	3.81	.83	3.25	3.79	.86	3.21	3.77	.85

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

2/ Includes data for some States not shown separately.

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
 WASHINGTON, D. C. 20250

POSTAGE AND FEES PAID
 U. S. DEPT. OF AGRICULTURE

OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, May 1964 ^{1/}

Item	Average May 1958-62	May 1963	May 1964
Milk bought from producers pounds	603,082,000	547,648,000	524,069
Producers number	92,000	68,000	62,000
Average per producer per day pounds	211.5	259.8	273.3
Change in purchases per producer:			
1964 from 1963 percent	xxxx	xxxx	+ 5.2
1964 from 5-year average percent	xxxx	xxxx	+29.2

^{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.