

EVAPORATED, CONDENSED AND DRY MILK  
REPORT FOR JULY 1964

August 31, 1964

PRODUCTION

EVAPORATED AND CONDENSED MILK: July production of evaporated whole milk is estimated at 184 million pounds, according to the Crop Reporting Board. This is equal to a year earlier, but 17 percent below the July 1958-62 average. Production for the first 7 months of 1964 totaled 1.2 billion pounds, down 1 percent from the corresponding period of 1963.

Output of canned sweetened condensed whole milk during July was 8.3 million pounds, 10 percent under a year earlier but 52 percent above average. For the January-July period, production totaled 55 million pounds, up 14 percent from those months last year.

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

Month	1958-62 average	Enumerations		Estimates 1964	Change from--	
		1962	1963		1958-62 av.	1963
		<u>Million pounds</u>			<u>Percent</u>	
January.....	134.7	118.1	136.9	140.3	+4	+2
February.....	133.0	119.1	124.2	141.5	+6	+14
March.....	169.8	150.0	149.7	150.0	-12	0
April.....	201.0	178.5	181.2	160.8	-20	-11
May.....	262.6	227.5	211.5	208.5	-21	-1
June.....	251.1	216.1	208.1	202.0	-20	-3
July.....	222.7	191.7	184.4	184.0	-17	0
Seven-month total	1,374.9	1,201.0	1,196.0	1,187.1	-14	-1
August.....	198.9	170.5	175.2			
September.....	167.4	138.7	140.3			
October.....	151.1	142.8	129.7			
November.....	128.9	132.1	122.2			
December.....	136.8	143.7	133.9			
Annual total	2,158.0	1,928.8	1,897.3			

DRY MILK: Production of nonfat dry milk for human food (spray and roller process combined) in July was 182 million pounds, according to the Crop Reporting Board. This is 1 percent under a year earlier, but 9 percent above the July 1958-62 average. Output for the first 7 months of 1964 was nearly 1.5 billion pounds, up 2 percent from the corresponding period last year.

Spray-dried nonfat milk production in July was 174 million pounds, unchanged from a year earlier but 12 percent above average. January-July production totaled 1.4 billion pounds and exceeded the corresponding 1963 period by 2 percent.

The 7.5 million pounds of roller-dried nonfat milk produced were 15 percent under July a year ago, 38 percent below average and the smallest July production of record. A total of 62 million pounds were produced during the first 7 months of 1964, off 7 percent from the same period last year.

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

Month	1958-62 average	Enumerations		Estimates 1964	Change from--	
		1962	1963		1958-62 av.	1963
		Million pounds			Percent	
January.....	152.4	185.6	176.3	176.9	+16	0
February.....	150.2	180.0	168.3	181.0	+21	+8
March.....	174.8	206.3	194.7	206.7	+18	+6
April.....	189.8	217.3	214.0	217.7	+15	+2
May.....	227.0	258.9	248.9	250.2	+10	+1
June.....	218.3	243.4	239.7	235.6	+8	-2
July.....	167.1	190.5	182.5	181.5	+9	-1
Seven-month total	1,279.6	1,482.0	1,424.4	1,449.6	+13	+2
August.....	130.0	158.6	144.8			
September.....	106.9	131.6	119.4			
October.....	116.9	141.9	121.4			
November.....	119.0	143.7	128.2			
December.....	147.9	172.5	158.3			
Annual total	1,900.3	2,230.3	2,096.5			

July output of dry whole milk was 6.8 million pounds, down 8 percent from a year earlier but 5 percent above average. Production in the first 7 months totaled 50 million pounds, 9 percent below the comparable period a year ago.

Output of dry buttermilk in July was 6.8 million pounds. This is 4 percent less than July a year ago and 7 percent under average. January-July production totaled 58 million pounds, up 1 percent from the corresponding period of 1963.

Dry skim milk for animal feed production was 1.4 million pounds in July, off 33 percent from a year earlier and 37 percent below average. Output for the first 7 months of 1964 totaled 9.4 million pounds, down 38 percent from the same period last year.

#### STOCKS, SHIPMENTS, PURCHASES AND PRICES

**EVAPORATED AND CONDENSED MILK:** Stocks of evaporated whole milk held by manufacturers on July 31 totaled 250 million pounds, up 12 percent from a year earlier, but 21 percent below the 1958-62 average for the date. Sweetened condensed whole milk stocks totaled 9.0 million pounds, 5 percent more than a year earlier, 61 percent above average, and the largest July 31 holdings since 1950.

Prices paid producers by reporting condenseries for July receipts averaged \$3.22 per hundredweight for milk testing 3.79 percent fat, or an average of 85 cents per pound of milkfat. On the basis of milkfat, prices were unchanged from June but were 2 cents a pound above July 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 443 million pounds of milk during July from approximately 60,000 producers. Average daily purchases per producer were 239 pounds, record high for the month, 6 percent above a year earlier, and 20 percent above average.

Manufacturers' selling prices for evaporated whole milk during July averaged \$5.93 per case of 48 14 $\frac{1}{2}$ -oz. cans. July prices were unchanged from the previous month but 7 cents below July a year ago. By regions, prices increased 1 cent in New England but were unchanged in all others.

DRY MILK: Total stocks of nonfat dry milk held by manufacturers on July 31 totaled 127 million pounds, 10 percent above a year earlier, but 14 percent below the 1958-62 average for the date. Spray-dried nonfat milk stocks were 119 million pounds, up 10 percent from July 31 a year ago but 9 percent below average. Holdings of roller-dried nonfat milk were 7.9 million pounds, 6 percent above July 31, 1963 but 56 percent under average. Reporting manufacturers held 6.2 million pounds of dry whole milk, 5 percent below July 31 last year, 24 percent under average and the smallest holdings for the date since 1941. At 8.5 million pounds, stocks of dry buttermilk were 30 percent above a year earlier, but 13 percent below average. Holdings of dry skim milk for animal feed totaled 1.3 million pounds, 11 percent less than July 31 a year ago and 14 percent below average.

Shipments of nonfat dry milk for human food during July totaled 159 million pounds, off 19 percent from June and down 4 percent from July a year ago. Spray-dried nonfat milk shipments totaled 154 million pounds, down 19 percent from the previous month and 2 percent under a year earlier. The 4.5 million pounds of roller-dried nonfat milk shipped in July were 37 percent below June and 35 percent under a year earlier. Dry whole milk shipments during July totaled 4.9 million pounds, off 16 percent from last month and 21 percent from July 1963. Shipments of dry buttermilk (human food and animal feed combined) amounted to 5.9 million pounds, up 6 percent from June and 2 percent above a year earlier.

Manufacturers' selling prices of nonfat dry milk, spray and roller combined, during July averaged 14.32 cents per pound, compared with 14.60 cents the previous month and 14.43 cents for July a year ago. Selling prices of spray-dried nonfat milk were 14.33 cents per pound, down 0.3 cent from June and 0.1 cent below a year earlier. Roller prices during July averaged 14.13 cents per pound, up 0.1 cent from last month and 0.3 cent above July last year.

Dry whole milk in all size containers averaged 32.95 cents per pound during July. This is 0.6 cent above June but 2.4 cents below a year earlier. Dry buttermilk (human food and animal feed combined) averaged 13.54 cents per pound, down fractionally from last month but 0.9 cent above July a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during July were 44.8 million pounds. Total deliveries for the period April 1 through July 31, 1964 totaled 259.9 million pounds, compared with 452.4 million pounds in the corresponding period of 1963. On August 14 the Department held 123.5 million pounds of uncommitted supplies of nonfat dry milk.

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

Commodity	July 1963 <sup>1/</sup>	July 1964 <sup>2/</sup>			Jan.-July 1964	
		Total	Change from --		Total	Change from Jan.-July 1963
			July 1958-62 average	July 1963		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods)..	184,436	184,000	-17	0	1,187,100	- 1
Sweetened condensed whole (case goods)..	9,202	8,300	+52	-10	54,500	+14
<u>Dry milk:</u>						
Dry whole milk .....	7,365	6,800	+ 5	- 8	50,100	- 9
Nonfat dry milk (human food):						
Spray process .....	173,628	174,000	+12	0	1,388,000	+ 2
Roller process .....	8,828	7,500	-38	-15	61,600	- 7
Total .....	182,456	181,500	+ 9	- 1	1,449,600	+ 2
Dry skim milk (animal feed) ...	2,098	1,400	-37	-33	9,400	-38
Dry buttermilk .....	7,071	6,800	- 7	- 4	57,500	+ 1

<sup>1/</sup> Enumerations.<sup>2/</sup> Estimates.Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks  
July 31, 1964 <sup>1/</sup>

Commodity	Average July 31, 1958-62	July 31, 1963 <sup>2/</sup>	July 31, 1964		
			Total	Change from--	
				July 31, 1958-62 av.	July 31, 1963
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods)..	316,173	223,504	249,661	-21	+12
Sweetened condensed whole (case goods)..	5,797	8,956	9,361	+61	+ 5
<u>Dry milk:</u>					
Dry whole milk .....	8,146	6,482	6,165	-24	- 5
Nonfat dry milk (human food):					
Spray process .....	130,616	108,408	119,373	- 9	+10
Roller process .....	17,940	7,445	7,896	-56	+ 6
Total .....	148,556	115,853	127,269	-14	+10
Dry skim milk (animal feed) ...	1,513	1,462	1,303	-14	-11
Dry buttermilk .....	9,766	6,562	8,537	-13	+30

<sup>1/</sup> Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.<sup>2/</sup> Revised to include late reports.

Table 5.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, July 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	-	-	8,196	-	-	-
7½-8	-	-	16,055	-	-	-
8 -8½	-	-	46,363	-	-	-
8½-9	-	-	19,497	-	-	-
9 -9½	-	-	50,065	-	18,000	-
9½-10	-	-	55,138	-	125,987	-
10 -10½	-	-	273,318	-	128,200	-
10½-11	-	-	221,170	-	63,350	-
11 -11½	-	-	50,328	-	57,250	-
11½-12	-	-	8,540	74,250	59,500	-
12 -12½	-	-	35,945	179,338	40,400	-
12½-13	752,197	-	31,025	36,900	5,200	-
13 -13½	2,433,200	645,130	-	217,025	-	-
13½-14	1,721,987	1,114,750	-	961,071	-	-
14 -14½	61,718,253	1,381,727	-	1,832,500	-	-
14½-15	36,919,043	416,290	-	652,310	-	-
15 -15½	10,092,415	769,532	-	118,200	-	-
15½-16	4,375,856	136,200	-	-	-	-
16 -16½	8,555,126	9,700	-	126,350	-	-
16½-17	102,063	-	-	-	-	-
17 -17½	851,189	-	-	-	-	-
17½-18	272,150	-	-	-	-	-
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24½-25½	-	-	-	-	-	733,476
28½-29½	-	-	-	-	-	841,700
30½-31½	-	-	-	-	-	400,000
31½-32½	-	-	-	-	-	459,700
32½-33½	-	-	-	-	-	151,816
33½-34½	-	-	-	-	-	694,801
36½-37½	-	-	-	-	-	496,422
49½-50½	-	-	-	-	-	233,840
52½-53½	-	-	-	-	-	218,242

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, July 1964 <sup>1/</sup>

Commodity	July 1963 <sup>3/</sup>	June 1964	July 1964		
			Total	Change from--	
				July 1963	June 1964
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk .....	6,209	5,840	4,910	- 21	-16
Nonfat dry milk (human food):					
Spray process <sup>2/</sup> .....	157,707	189,174	154,052	- 2	-19
Roller process .....	6,874	7,053	4,473	- 35	-37
Total .....	164,581	196,227	158,525	- 4	-19
Dry skim milk (animal feed) .....	600	962	1,259	+110	+31
Dry buttermilk:					
For human food .....	4,771	4,879	5,089	+ 7	+ 4
For animal feed .....	979	641	764	- 22	+19
Total .....	5,750	5,520	5,853	+ 2	+ 6

<sup>1/</sup> Includes shipments for which prices were not reported.

<sup>2/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.

<sup>3/</sup> Revised.

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, July 1964 <sup>1/</sup>

Commodity	July 1958-62	July 1963	June 1964	July 1964
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: <sup>2/</sup>				
Spray process <sup>3/</sup> .....	14.26	14.46	14.62	14.33
Roller process .....	12.66	13.87	14.01	14.13
Spray and roller .....	14.15	14.43	14.60	14.32
Dry skim animal feed .....	10.03	11.08	10.16	10.12
Nonfat and dry skim .....	14.12	14.42	14.58	14.29
Dry buttermilk:				
Human food .....	13.42	13.20	14.00	14.00
Animal feed .....	9.98	10.00	10.39	10.47
Human and animal .....	12.84	12.60	13.58	13.54
Dry whole milk:				
Pkgs. over 5-lbs. <sup>4/</sup> .....	30.56	30.14	29.86	29.93
Total <sup>5/</sup> .....	37.00	35.36	32.33	32.95

<sup>1/</sup> Prices reported by firms weighted by their shipments to derive averages and segments also weighted by shipments to derive combined prices.

<sup>2/</sup> Average of prices for shipments in bulk packages such as barrels, drums, and bags.

<sup>3/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.

<sup>4/</sup> Includes barrels and drums.

<sup>5/</sup> All size packages, including 1-2 $\frac{1}{2}$  lb. packages and 5-lb. packages.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 14½-oz. cans, in carlots, by geographic divisions, July 1964 <sup>1/</sup>

Geographic division	July 1963	June 1964	July 1964
	Dollars	Dollars	Dollars
New England .....	5.91	5.85	5.86
Middle Atlantic .....	5.90	5.82	5.82
South Atlantic .....	5.97	5.87	5.87
East North Central .....	5.95	5.92	5.92
West North Central .....	6.11	6.01	6.01
South Central .....	6.14	6.03	6.03
North Western <sup>2/</sup> .....	6.09	6.10	6.10
South Western <sup>3/</sup> .....	6.04	6.00	6.00
United States .....	6.00	5.93	5.93

<sup>1/</sup> 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.

<sup>2/</sup> Includes Montana, Wyoming, Idaho, Washington, and Oregon.

<sup>3/</sup> 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, July 1964 <sup>1/</sup>

State and division	July 1963			June 1964			July 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. <sup>2/</sup> ..	3.13	3.77	.83	3.10	3.80	.82	3.17	3.77	.84
Md. ....	3.11	3.81	.82	3.18	3.80	.84	3.18	3.82	.83
Va. ....	3.19	3.98	.80	3.17	3.91	.81	3.18	3.93	.81
S.Atl. <sup>2/</sup> ..	3.17	4.00	.79	3.19	3.94	.81	3.20	3.96	.81
Ohio .....	3.04	3.75	.81	3.07	3.77	.81	3.06	3.74	.82
Ind. ....	3.12	3.70	.84	3.18	3.72	.85	3.21	3.70	.87
Ill. ....	3.09	3.49	.89	3.10	3.47	.89	3.12	3.48	.90
Mich. ....	3.00	3.61	.83	3.03	3.61	.84	3.05	3.62	.84
Wis. ....	3.24	3.58	.91	3.19	3.57	.89	3.26	3.56	.92
E.N.C. ...	3.11	3.64	.85	3.11	3.64	.85	3.13	3.65	.86
Mo. ....	3.30	3.97	.83	3.40	3.97	.86	3.43	3.96	.87
Kans. ....	3.07	3.58	.86	3.25	3.65	.89	3.22	3.61	.89
W.N.C. <sup>2/</sup> ..	3.25	3.77	.86	3.29	3.71	.89	3.32	3.74	.89
Ky. ....	3.20	4.06	.79	3.15	3.93	.80	3.19	3.99	.80
Tenn. ....	3.27	4.15	.79	3.21	4.00	.80	3.24	4.04	.80
Miss. ....	3.34	4.19	.80	3.25	4.02	.81	3.31	4.11	.81
Ark. ....	3.23	3.88	.83	3.35	3.93	.85	3.35	3.93	.85
S.Cent. <sup>2/</sup> ..	3.24	4.09	.79	3.21	3.97	.81	3.24	4.01	.81
N.W. <sup>2/</sup> ..	3.08	3.63	.85	3.10	3.44	.90	3.05	3.37	.91
Calif. ....	3.15	3.64	.87	3.38	3.65	.93	3.37	3.64	.93
S.W. <sup>2/</sup> ..	3.14	3.61	.87	3.36	3.62	.93	3.35	3.61	.93
U. S. <sup>2/</sup> ..	3.18	3.84	.83	3.20	3.77	.85	3.22	3.79	.85

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

<sup>2/</sup> Includes data for some States not shown separately.

OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, July 1964 <sup>1/</sup>

Item	Average July 1958-62	July 1963	July 1964
Milk bought from producers ..... pounds	572,818,000	472,038,000	443,377,000
Producers ..... number	93,000	67,000	60,000
Average per producer per day .... pounds	198.7	226.9	239.4
Change in purchases per producer:			
1964 from 1963 ..... percent	xxxx	xxxx	+ 5.5
1964 from 5-year average ..... percent	xxxx	xxxx	+20.5

<sup>1/</sup> 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.