

# EVAPORATED, CONDENSED AND DRY MILK

## REPORT FOR APRIL 1965

May 28, 1965

### PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production in April is estimated at 149 million pounds by the Crop Reporting Board. April production was 7 percent less than a year earlier and 24 percent below the 1959-63 average for the month. Production for the first 4 months of 1965 totaled 522 million pounds -- a drop of 12 percent from the corresponding period of 1964.

April production of sweetened condensed whole milk, at 10 million pounds, declined 6 percent from a year earlier but was 69 percent above the 5-year average. January through April production at 32 million pounds was 11 percent more than in the same period last year.

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

Month	Enumerations		Estimates		Change from --	
	1959-63 av.	1963	1964	1965	1959-63 av.	1964
	Million pounds				Percent	
January.....	133.3	136.9	140.3	121.0	- 9	-14
February.....	130.6	124.2	141.5	120.5	- 8	-15
March.....	164.6	149.7	150.0	132.0	-20	-12
April.....	195.7	181.1	160.8	149.0	-24	- 7
Four-month total...	624.2	591.9	592.6	522.5	-16	-12
May.....	248.8	211.5	208.5			
June.....	238.5	208.1	202.0			
July.....	209.5	184.5	184.0			
August.....	190.7	175.2	174.0			
September.....	158.5	140.3	151.0			
October.....	144.7	129.7	132.5			
November.....	127.0	122.2	115.5			
December.....	135.9	133.9	127.8			
Annual total.....	2,077.8	1,897.3	1,887.9			

DRY MILK: Nonfat dry milk production, spray and roller process combined, during April is estimated at 214 million pounds by the Crop Reporting Board. Output was 2 percent less than April 1964 but 8 percent more than the April 1959-63 average. Production in the first 4 months of 1965 at 783 million pounds was unchanged from that period of 1964.

Spray-dried nonfat milk production in April at 206 million pounds was down 1 percent from April last year, but was up 11 percent from average. Cumulative production January through April at 757 million pounds was 1 percent above the similar period of 1964.

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

Month	Enumerations		Estimates		Change from--	
	1959-63 av.	1963	1964	1965	1959-63 av.	1964
	Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent
January.....	160.0	176.3	176.9	186.2	+16	+ 5
February.....	157.3	168.3	181.0	182.0	+16	+ 1
March.....	181.8	194.7	206.7	201.1	+11	- 3
April.....	198.1	214.0	217.7	213.6	+ 8	- 2
Four-month total	697.2	753.3	782.3	782.9	+12	0
May.....	234.7	248.9	250.2			
June.....	224.8	239.7	235.6			
July.....	172.4	182.5	181.5			
August.....	136.1	144.8	148.1			
September.....	112.7	119.4	121.7			
October.....	121.4	121.4	125.5			
November.....	124.1	128.2	133.3			
December.....	154.3	158.3	171.3			
Annual Total....	1,977.7	2,096.5	2,149.5			

April production of roller-dried nonfat milk is estimated at 8 million pounds -- 13 percent below a year earlier, 42 percent under average, and the smallest production for the month of record. Total production in the first 4 months this year at 26 million pounds dropped 15 percent from the comparable period last year.

Dry whole milk production at 8.3 million pounds was 6 percent more than April 1964 and up 13 percent from the April average. January through April production at 32.0 million pounds gained 9 percent over that period a year ago.

Production of dry buttermilk during April at 7.8 million pounds was down 7 percent from a year earlier and off 6 percent from average. Output of 29.1 million pounds in the first four months of 1965 was 11 percent less than in the comparable period of 1964.

Dry skim milk for animal feed production at 2.2 million pounds increased 69 percent from April a year ago but decreased 5 percent from the 1959-63 average for April. January through April production totaled 6.8 million pounds -- 39 percent above the same period last year.

#### STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on April 30 totaled 113.6 million pounds. This inventory was up 37 percent from the same date of 1964, 10 percent above the April 30, 1959-63 average, and the highest stocks for the date since 1957. Holdings of canned sweetened condensed whole milk on April 30, at 7.0 million pounds, dropped 23 percent from a year earlier, but were 27 percent above average.

Prices paid by condenseries to producers during April averaged \$3.33 per hundred-weight for milk having an average milkfat content of 3.79 percent. This is

equivalent to 88 cents per pound of milkfat -- 1 cent below March, but 2 cents per pound over April 1964. By States, the highest average price -- 95 cents per pound -- was paid in California and the lowest average, 82 cents, was paid in Kentucky.

Reporting condenseries for which historical data are available purchased 374 million pounds of whole milk during April from approximately 51,000 producers. Purchases per producer averaged 246 pounds daily, compared with 228 pounds a year earlier and the April 1959-63 average of 206 pounds.

April selling prices for evaporated whole milk as reported by manufacturers averaged \$6.09 per case of forty-eight 14½-oz. cans. This price is the same as March but 14 cents more than a year earlier. April prices, compared with March, were unchanged in all regions.

DRY MILK: Manufacturers' stocks of nonfat dry milk on April 30 totaled 123 million pounds -- 17 percent more than a year earlier and 10 percent above the 1959-63 average for the date. Spray-dried nonfat stocks at 118 million pounds were up 18 percent from April 30, 1964 and were 14 percent above average. Roller-dried stocks totaled about 5 million pounds, 3 percent below the same date last year and 33 percent less than average. Inventories of dry whole milk at 9 million pounds were up 17 percent from the same date last year and 47 percent above average.

Dry buttermilk stocks were reported at 8 million pounds on April 30 -- up 15 percent from a year earlier and equal to the 5-year average for the date. Holdings of dry skim milk for animal feed were 1.1 million pounds -- the same as a year earlier but 12 percent more than average.

April shipments of nonfat dry milk for human food were reported at 173 million pounds. This is 8 percent below a month earlier but 2 percent above April 1964. Movement of spray process nonfat totaled 170 million pounds -- down 7 percent from March but 4 percent more than in April a year ago. Shipments of roller process product at 3 million pounds were down 13 percent from March and off 40 percent from a year earlier. Dry whole milk shipments at 6 million pounds were down 28 percent from March but were up 11 percent from April last year. Shipments of dry buttermilk were 4 million pounds during April -- down 23 percent from the previous month and 29 percent from a year earlier.

Manufacturers' reported selling prices in April for spray and roller process nonfat dry milk (combined) averaged 14.50 cents per pound. This compares with the March price of 14.44 and the year-earlier price of 14.65. Spray process prices averaged 14.51 cents in April, 14.45 cents in March, and 14.67 cents per pound in April a year ago. Roller process prices averaged 14.13 cents compared with 14.09 in the previous month and 14.01 a year earlier. Dry whole milk prices for all container sizes at 30.85 cents per pound were down 3.5 cents from March and off 2.6 cents from April 1964.

Nonfat dry milk deliveries to the United States Department of Agriculture during April totaled 98.4 million pounds, compared with 70.7 million pounds in April 1964. On May 14, 1965, the Department held 225.2 million pounds of uncommitted supplies of nonfat dry milk, including 26.2 million in small packages, 7.3 million pounds in 50-pound bags, and 191.7 million pounds in 100-pound bags.

Payment-in-kind export certificates issued for nonfat dry milk in April covered 8.3 million pounds, compared with 32.1 million pounds in April a year ago.

Table 3.-Evaporated, condensed, and dry milk: Production, April 1965

Commodity	April 1964 <u>1/</u>	April 1965 <u>1/</u>			Jan. - Apr. 1965	
		Total	Change from--		Total	Change from Jan. - Apr. 1964
			April 1959-63 average	April 1964		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)..	160,800	149,000	-24	- 7	522,500	-12
Sweetened condensed whole (case goods)..	10,700	10,100	+69	- 6	32,050	+11
<b>Dry milk:</b>						
Dry whole milk.....	7,800	8,300	+13	+ 6	32,000	+ 9
<b>Nonfat dry milk (human food):</b>						
Spray process.....	209,000	206,000	+11	- 1	757,000	+ 1
Roller process.....	8,700	7,600	-42	-13	25,900	-15
Total.....	217,700	213,600	+ 8	- 2	782,900	0
Dry skim milk (animal feed)....	1,300	2,200	- 5	+69	6,800	+39
Dry buttermilk.....	8,400	7,800	- 6	- 7	29,100	-11

1/ Estimates subject to revision when enumerations are available for 1964.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks April 30, 1965 1/

Commodity	Average Apr. 30, 1959-63	April 30, 1964 <u>2/</u>	April 30, 1965		
			Total	Change from---	
				April 30, 1959-63 av.	April 30, 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)..	103,108	82,648	113,579	+10	+37
Sweetened condensed whole (case goods)..	5,507	9,120	6,980	+27	-23
<b>Dry milk:</b>					
Dry whole milk.....	6,025	7,515	8,830	+47	+17
<b>Nonfat dry milk (human food):</b>					
Spray process.....	103,413	99,522	117,624	+14	+18
Roller process.....	8,411	5,807	5,612	-33	- 3
Total.....	111,824	105,329	123,236	+10	+17
Dry skim milk (animal feed)....	979	1,104	1,101	+12	0
Dry buttermilk.....	8,100	7,053	8,136	0	+15

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, April 1965 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	-	-	4,350	-	-	-
6½-7	-	-	1,015	-	-	-
7½-8	-	-	5,167	-	-	-
8 -8½	-	-	28,857	-	-	-
8½-9	-	-	44,296	-	-	-
9 -9½	-	-	21,823	-	18,438	-
10 -10½	-	-	54,537	-	13,305	-
10½-11	-	-	33,170	-	17,000	-
11 -11½	-	-	82,838	-	14,100	-
11½-12	-	-	72,819	66,800	82,725	-
12 -12½	-	-	80,100	-	49,555	-
12½-13	155,279	-	128,775	134,125	-	-
13 -13½	1,748,375	32,100	46,315	-	69,050	-
13½-14	1,713,399	1,024,410	21,160	169,500	26,165	-
14 -14½	68,017,516	1,078,887	32,400	1,363,910	-	-
14½-15	49,694,271	561,028	-	1,325,926	-	-
15 -15½	8,366,386	232,195	-	484,175	-	-
15½-16	7,683,140	8,000	-	2,000	-	-
16 -16½	1,671,822	59,765	-	-	-	-
16½-17	417,891	-	-	-	-	-
17 -17½	504,235	-	-	-	-	-
17½-18	388,880	-	-	-	-	-
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24½-25½	-	-	-	-	-	610,919
25½-26½	-	-	-	-	-	26,940
28½-29½	-	-	-	-	-	373,016
29½-30½	-	-	-	-	-	975,200
30½-31½	-	-	-	-	-	86,800
31½-32½	-	-	-	-	-	1,389,550
32½-33½	-	-	-	-	-	338,900
33½-34½	-	-	-	-	-	266,500
34½-35½	-	-	-	-	-	12,100
36½-37½	-	-	-	-	-	139,350
37½-38½	-	-	-	-	-	537,031
46½-47½	-	-	-	-	-	171,590
51½-52½	-	-	-	-	-	252,138

- 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, April 1965 <sup>1/</sup>

Commodity	April 1964 <sup>3/</sup>	March 1965	April 1965		
			Total	Change from--	
				April 1964	March 1965
	1,000	1,000	1,000		
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	5,531	8,521	6,158	+11	-28
Nonfat dry milk (human food):					
Spray process <sup>2/</sup> .....	164,028	183,627	169,951	+ 4	- 7
Roller process.....	5,288	3,640	3,150	-40	-13
Total.....	169,316	187,267	173,101	+ 2	- 8
Dry skim milk (animal feed).....	1,139	815	950	-17	+17
Dry buttermilk:					
For human food.....	4,952	4,690	3,766	-24	-20
For animal feed.....	870	628	348	-60	-45
Total.....	5,822	5,318	4,114	-29	-23

<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, April 1965 <sup>1/</sup>

Commodity	April 1959-63	April 1964	March 1965	April 1965
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: <sup>2/</sup>				
Spray process <sup>3/</sup> .....	14.43	14.67	14.45	14.51
Roller process.....	12.70	14.01	14.09	14.13
Spray and roller.....	14.33	14.65	14.44	14.50
Dry skim animal feed.....	10.34	9.71	10.92	11.46
Nonfat and dry skim.....	14.31	14.61	14.42	14.49
Dry buttermilk:				
Human Food.....	13.41	14.00	14.31	14.31
Animal feed.....	10.28	10.15	12.22	11.90
Human and animal.....	12.87	13.40	14.06	14.11
Dry whole milk:				
Pkgs. over 5 lbs. <sup>4/</sup> .....	30.78	30.16	30.24	27.96
Total <sup>5/</sup> .....	36.61	33.41	34.27	30.85

<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 1-2½ lb. pkgs. and 5-lb. pkgs.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1½-oz. cans, in carlots, by geographic divisions, April 1965 1/

Geographic division	April 1964	March 1965	April 1965
	Dollars	Dollars	Dollars
New England.....	5.86	6.04	6.04
Middle Atlantic.....	5.86	5.95	5.95
South Atlantic.....	5.88	6.02	6.02
East North Central.....	5.93	6.05	6.05
West North Central.....	6.05	6.16	6.16
South Central.....	6.08	6.16	6.16
North Western 2/.....	6.12	6.31	6.31
South Western 3/.....	6.00	6.16	6.16
United States.....	5.96	6.09	6.09

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, April 1965 1/

State and division	April 1964			March 1965			April 1965		
	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
Md. ....	3.19	3.82	.84	3.38	3.93	.86	3.28	3.79	.87
Va. ....	3.22	3.87	.83	3.34	4.00	.84	3.22	3.87	.83
S.Atl. 2/	3.24	3.92	.83	3.39	4.05	.84	3.27	3.92	.83
Ohio.....	3.16	3.88	.81	3.33	3.96	.84	3.24	3.88	.84
Ind. ....	3.24	3.96	.82	3.49	4.06	.86	3.41	3.97	.86
Ill. ....	3.27	3.65	.90	3.40	3.65	.93	3.37	3.63	.93
Mich. ....	3.13	3.74	.84	3.21	3.78	.85	3.19	3.76	.85
Wis. ....	3.31	3.63	.91	3.41	3.65	.93	3.39	3.63	.93
E.N.C. ..	3.23	3.75	.86	3.36	3.80	.88	3.31	3.76	.88
Mo. ....	3.31	3.93	.84	3.66	4.07	.90	3.45	3.87	.89
Kans. ....	3.22	3.70	.87	3.51	3.87	.91	3.35	3.70	.91
W.N.C. 2/	3.32	3.76	.88	3.58	3.84	.93	3.42	3.74	.91
Ky. ....	3.14	3.92	.80	3.35	4.05	.83	3.19	3.88	.82
Tenn. ....	3.21	3.98	.81	3.41	4.12	.83	3.28	3.97	.83
Miss. ....	3.28	4.05	.81	3.54	4.20	.84	3.36	4.03	.83
Ark. ....	3.22	3.82	.84	3.53	4.01	.88	3.41	3.80	.90
S.Cent.2/	3.19	3.95	.81	3.41	4.08	.84	3.27	3.92	.83
N.W. 2/..	3.16	3.50	.90	3.31	3.61	.92	3.26	3.57	.91
Calif. ...	3.40	3.64	.93	3.52	3.71	.95	3.50	3.69	.95
S.W. 2/..	3.39	3.63	.93	3.52	3.70	.95	3.49	3.67	.95
U.S. 2/..	3.25	3.79	.86	3.43	3.86	.89	3.33	3.79	.88

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  
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POSTAGE AND FEES PAID  
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OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, April 1965 1/

Item	Average April 1959-63	April 1964 <u>2/</u>	April 1965
Milk bought from producers..... pounds	494,940,000	387,262,000	373,966,000
Producers..... number	80,000	57,000	51,000
Average per producer per day... pounds	206.2	227.5	245.7
Change in purchases per producer:			
1965 from 1964..... percent	xxxx	xxxx	+ 8.0
1965 from 5-year average..... percent	xxxx	xxxx	+19.2

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.

2/ Revised.