

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR MARCH 1965

April 30, 1965

PRODUCTION

EVAPORATED AND CONDENSED MILK: March production of evaporated whole milk is estimated at 132 million pounds by the United States Crop Reporting Board. Production was 12 percent below March 1964 and 20 percent less than the 1959-63 average for the month. During the first 3 months of 1965, production totaled 373.5 million pounds -- a drop of 14 percent from the comparable period a year ago.

Output of sweetened condensed whole milk during March was 8 million pounds -- 19 percent above a year earlier and 43 percent more than the March 5-year average. Total production January through March, at 22 million pounds, was 20 percent above 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			
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: Combined spray and roller process nonfat dry milk production during March is estimated at 201 million pounds by the Crop Reporting Board. This is 3 percent less than in March 1964 but 11 percent more than the 5-year March average. Output in the first 3 months this year totaled 569 million pounds -- an increase of 1 percent from the comparable 1964 period.

Spray-dried nonfat milk production totaled 195 million pounds in March -- 2 percent smaller than a year earlier, but 14 percent larger than the March average.

A special report (SRS - 5) on "Plants Manufacturing Dairy Products, by Production, Size Groups and Geographic Distribution, 1963" is now available and may be obtained by writing Secretary, Crop Reporting Board, USDA, Washington, D.C. 20250

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			
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			

Cumulative production in the first 3 months, at 551 million pounds, was 1 percent above the January-March period last year.

Roller-dried nonfat milk output in March is estimated at 6 million pounds. This is 21 percent less than March 1964, 43 percent below average, and the smallest production for the month on record. January through March output, at 18 million pounds, was down 15-percent from the first 3 months a year ago.

March production of dry whole milk, at 7.5 million pounds, was up 3 percent from a year earlier, but down 2 percent from average. The total for the first 3 months, at 23.7 million pounds, was 10 percent more than in the comparable period last year.

Dry buttermilk output during March, at 7.4 million pounds, was 12 percent below a year earlier and 10 percent below the March average. Total output in the first 3 months, at 21.3 million pounds, was 12 percent below the corresponding period of 1964.

Output of dry skim milk for animal feed was 1.6 million pounds -- an increase of 33 percent from March 1964, but a decrease of 30 percent from the 5-year March average. The January through March production of 4.6 million pounds was 28 percent more than in the corresponding period of last year.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: March 31 stocks of evaporated whole milk held by reporting manufacturers totaled 99.8 million pounds. These stocks on hand represent an increase of 43 percent from March 31, 1964, are 29 percent above the 5-year average for the date, and are the highest March 31 stocks since 1956. The inventory of canned sweetened condensed whole milk on March 31 was 5.7 million pounds, a decrease of 21 percent from a year earlier but an increase of 11 percent from the 5-year average for the date.

March prices paid by condenseries to producers averaged \$3.43 per hundredweight for milk having an average milkfat content of 3.86 percent. This is equivalent to 89 cents per pound of milkfat, which is unchanged from February, but an increase of 2 cents per pound from March a year ago. By States, the highest average price -- 95 cents per pound -- was paid in California and the lowest average of 83 cents was paid in Kentucky and Tennessee.

Reporting condenseries for which historical data are available purchased 335 million pounds of whole milk during March from approximately 50,000 producers. Purchases per producer averaged 218 pounds daily compared with 197 pounds a year earlier and the 1959-63 March average of 179 pounds.

Evaporated whole milk selling prices reported by manufacturers during March averaged \$6.09 per case of forty-eight 14 $\frac{1}{2}$ -oz. cans. This price was unchanged from February but 11 cents more than a year earlier. Prices in March compared with the previous month were 1 cent per case higher in the Middle Atlantic Region, 1 cent lower in the South Central and unchanged in the remaining 6 regions.

DRY MILK: Stocks of nonfat dry milk in manufacturers' hands on March 31 totaled 115 million pounds, which was 16 percent above a year earlier and 14 percent more than the 1959-63 March average. Stocks of spray-dried nonfat milk, at 110 million pounds, were up 17 percent from a year earlier, and 19 percent above average for March. Roller process stocks, at 4 million pounds, were 12 percent lower than a year earlier and 40 percent below the 5-year average for the date. Dry whole milk stocks, at 7 million pounds, were 2 percent more than on the same date last year and 12 percent above average.

Dry buttermilk stocks on March 31, at 7 million pounds, were 6 percent above a year earlier, but 10 percent below average. Inventories of dry skim milk for animal feed, at 1.0 million pounds, were 7 percent less than on March 31, 1964, but were 6 percent above average.

March shipments of nonfat dry milk for human food at 187 million pounds gained 27 percent from the previous month and were up 20 percent from the same month last year. Shipments of spray process product at 184 million pounds were 28 percent more than February, and 21 percent above a year earlier. Movement of roller process product at 3 million pounds was 4 percent higher than the previous month but 20 percent under a year earlier. Shipments of dry whole milk during March, at 6 million pounds, were 25 percent above February and 63 percent more than March a year ago. Dry buttermilk shipments at 5 million pounds were up 32 percent from February but were 3 percent less than March last year.

Manufacturers' reported selling prices in March for nonfat dry milk, spray and roller process combined, averaged 14.44 cents per pound. This compares with 14.59 cents, the February price, and 14.61 cents a year earlier. March spray process prices averaged 14.45 cents per pound, compared with 14.60 in February 1965 and 14.62 cents in March 1964.

Roller process prices, at 14.09 cents per pound, declined about 0.1 cent from both the previous month and March 1964. Dry whole milk prices for all container sizes averaged 34.27 cents per pound which was 2.1 cents more than in February but 0.3 cents below March a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during March were 116.1 million pounds. For the 12-month fiscal period, April 1, 1964 through March 31, 1965, deliveries totaled 760.3 million pounds, compared with 922.8 million pounds for the corresponding period a year earlier. On April 16, 1965, the Department held 202.2 million pounds of uncommitted supplies of nonfat dry milk, including 30.9 million pounds in small packages, 17.0 million pounds in 50-pound bags, and 154.3 million pounds in 100-pound bags.

Payment-in-kind export certificates issued for nonfat dry milk in March covered 7.6 million pounds. For the 12-month period ending March 31, 1965, PIK certificates totaled 462.7 million pounds, compared with 251.9 million pounds for the comparable period a year earlier.

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

Commodity	March 1964 ^{1/}	March 1965 ^{1/}			Jan. - Mar. 1965	
		Total	Change from--		Total	Change from Jan.-Mar. 1964
			March 1959-63 average	March 1964		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	150,000	132,000	-20	-12	373,500	-14
Sweetened condensed whole (case goods)..	6,700	8,000	+43	+19	21,950	+20
Dry milk:						
Dry whole milk.....	7,300	7,500	- 2	+ 3	23,700	+10
Nonfat dry milk (human food):						
Spray process.....	199,000	195,000	+14	- 2	551,000	+ 1
Roller process.....	7,700	6,100	-43	-21	18,300	-15
Total.....	206,700	201,100	+11	- 3	569,300	+ 1
Dry skim milk (animal feed)....	1,200	1,600	-30	+33	4,600	+28
Dry buttermilk.....	8,400	7,400	-10	-12	21,300	-12

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

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks
March 31, 1965 ^{1/}

Commodity	Average Mar. 31, 1959-63	Mar. 31, 1964 ^{2/}	March 31, 1965		
			Total	Change from---	
				March 31, 1959-63 av.	March 31, 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	77,423	69,692	99,822	+29	+43
Sweetened condensed whole (case goods)..	5,165	7,271	5,722	+11	-21
Dry milk:					
Dry whole milk.....	5,984	6,576	6,724	+12	+ 2
Nonfat dry milk (human food):					
Spray process.....	93,034	94,019	110,351	+19	+17
Roller process.....	7,152	4,882	4,297	-40	-12
Total.....	100,186	98,901	114,648	+14	+16
Dry skim milk (animal feed)....	915	1,037	967	+ 6	- 7
Dry buttermilk.....	7,918	6,780	7,154	-10	+ 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 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	-	-	3,800	-	-	-
6½-7	-	-	856	-	-	-
7½-8	-	-	13,232	-	-	-
8 -8½	-	-	89,514	-	-	-
9 -9½	-	-	6,600	-	17,050	-
9½-10	-	-	5,865	-	-	-
10 -10½	-	-	148,217	-	10,281	-
10½-11	-	-	60,900	-	4,700	-
11 -11½	-	-	94,794	-	31,600	-
11½-12	-	-	13,714	73,500	77,500	-
12 -12½	-	-	157,617	-	141,800	-
12½-13	48,650	-	13,055	46,162	183,605	-
13 -13½	3,888,095	15,100	40,465	136,000	105,750	-
13½-14	1,884,295	1,519,850	42,775	401,250	4,705	-
14 -14½	76,892,315	1,239,680	10,232	1,364,538	-	-
14½-15	43,598,271	424,919	-	1,340,024	-	-
15 -15½	11,463,821	375,005	-	463,400	-	-
15½-16	1,451,945	14,400	-	171,125	-	-
16 -16½	1,585,179	-	-	-	-	-
16½-17	797,517	51,439	-	-	-	-
17 -17½	604,515	-	-	6,600	-	-
17½-18	285,924	-	-	-	-	-
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20½-21½	-	-	-	-	-	493,840
24½-25½	-	-	-	-	-	602,900
29½-30½	-	-	-	-	-	1,231,000
30½-31½	-	-	-	-	-	372,950
31½-32½	-	-	-	-	-	1,648,860
32½-33½	-	-	-	-	-	372,750
33½-34½	-	-	-	-	-	274,377
34½-35½	-	-	-	-	-	100
35½-36½	-	-	-	-	-	155,650
37½-38½	-	-	-	-	-	956,460
40½-41½	-	-	-	-	-	166,336
46½-47½	-	-	-	-	-	516,300
50½-52½	-	-	-	-	-	740,444

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 1965 ^{1/}

Commodity	March 1964 ^{3/}	February 1965	March 1965		
			Total	Change from--	
				March 1964	February 1965
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	5,223	6,821	8,521	+63	+25
Nonfat dry milk (human food):					
Spray process ^{2/}	151,870	143,481	183,627	+21	+28
Roller process.....	4,546	3,490	3,640	-20	+4
Total.....	156,416	146,971	187,267	+20	+27
Dry skim milk (animal feed).....	925	629	815	-12	+30
Dry buttermilk:					
For human food.....	4,736	3,574	4,690	-1	+31
For animal feed.....	724	449	628	-13	+40
Total.....	5,460	4,023	5,318	-3	+32

^{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 1965 ^{1/}

Commodity	March 1959-63	March 1964	February 1965	March 1965
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.53	14.62	14.60	14.45
Roller process.....	13.05	14.18	14.17	14.09
Spray and roller.....	14.45	14.61	14.59	14.44
Dry skim animal feed.....	10.56	9.93	11.18	10.92
Nonfat and dry skim.....	14.42	14.58	14.58	14.42
Dry buttermilk:				
Human food.....	13.59	14.13	14.30	14.31
Animal feed.....	10.54	10.19	12.12	12.22
Human and animal.....	13.13	13.52	14.06	14.06
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	30.42	31.12	30.14	30.24
Total ^{5/}	36.99	34.56	32.21	34.27

^{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 1965 ^{1/}

Geographic division	March 1964	February 1965	March 1965
	Dollars	Dollars	Dollars
New England.....	5.91	6.04	6.04
Middle Atlantic.....	5.90	5.94	5.95
South Atlantic.....	5.90	6.02	6.02
East North Central.....	5.94	6.05	6.05
West North Central.....	6.06	6.16	6.16
South Central.....	6.11	6.17	6.16
North Western ^{2/}	6.13	6.31	6.31
South Western ^{3/}	6.02	6.16	6.16
United States.....	5.98	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, March 1965 ^{1/}

State and division	March 1964			February 1965			March 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
M.Atl. ^{2/}	3.30	3.88	.85	3.27	3.83	.85	3.16	3.73	.85
Md.	3.38	3.92	.86	3.51	4.03	.87	3.38	3.93	.86
Va.	3.36	4.04	.83	3.48	4.17	.83	3.34	4.00	.84
S.Atl. ^{2/}	3.38	4.06	.83	3.54	4.21	.84	3.39	4.05	.84
Ohio.....	3.27	3.95	.83	3.43	4.01	.86	3.33	3.96	.84
Ind.	3.43	4.04	.85	3.57	4.13	.86	3.49	4.06	.86
Ill.	3.34	3.65	.92	3.43	3.68	.93	3.40	3.65	.93
Mich.	3.21	3.77	.85	3.30	3.81	.87	3.21	3.78	.85
Wis.	3.40	3.65	.93	3.46	3.67	.94	3.41	3.65	.93
E.N.C. ..	3.33	3.79	.88	3.43	3.83	.90	3.36	3.80	.88
Mo.	3.50	4.07	.86	3.65	4.14	.88	3.66	4.07	.90
Kans.	3.37	3.83	.88	3.51	3.90	.90	3.51	3.87	.91
W.N.C. ^{2/}	3.42	3.82	.90	3.52	3.86	.91	3.58	3.84	.93
Ky.	3.41	4.17	.82	3.47	4.17	.83	3.35	4.05	.83
Tenn.	3.34	4.09	.82	3.52	4.25	.83	3.41	4.12	.83
Miss.	3.43	4.17	.82	3.62	4.32	.84	3.54	4.20	.84
Ark.	3.38	3.95	.86	3.56	4.08	.87	3.53	4.01	.88
S.Cent. ^{2/}	3.38	4.12	.82	3.51	4.20	.84	3.41	4.08	.84
N.W. ^{2/} ..	3.15	3.60	.88	3.38	3.71	.91	3.31	3.61	.92
Calif. ...	3.39	3.71	.91	3.67	3.83	.96	3.52	3.71	.95
S.W. ^{2/} ..	3.39	3.69	.92	3.65	3.81	.96	3.52	3.70	.95
U.S. ^{2/} ..	3.36	3.87	.87	3.49	3.93	.89	3.43	3.86	.89

^{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
 AGRICULTURAL ESTIMATES DIVISION
 WASHINGTON, D. C. 20250

POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF AGRICULTURE

OFFICIAL BUSINESS

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

Item	Average March 1959-63	March 1964 <u>2/</u>	March 1965
Milk bought from producers..... pounds	438,837,000	338,403,547	335,068,000
Producers..... number	79,000	55,000	50,000
Average per producer per day... pounds	179.2	197.0	217.7
Change in purchases per producer:			
1965 from 1964..... percent	XXXX	XXXX	+ 10.0
1965 from 5-year average..... percent	XXXX	XXXX	+ 21.5

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.