

EVAPORATED, CONDENSED AND DRY MILK

REPORT FOR MAY 1965

June 30, 1965

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk in May was 184 million pounds according to the Crop Reporting Board. Output in May was 12 percent below a year earlier and 26 percent less than the 1959-63 average for the month. Production in the 5 month period January through May totaled 707 million pounds which is 12 percent less than in the corresponding period last year.

Sweetened condensed whole milk production during May at 9 million pounds was down 6 percent from the same month last year but was up 34 percent from average. January through May output totaled 42 million pounds which is 6 percent greater than a year earlier.

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

Month	Enumerations		Estimates		Change from --	
	1959-63 av.	1963	1964	1965	1959-63 av.	1964
	<u>Million pounds</u>				<u>Percent</u>	
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
May.....	248.8	211.5	208.5	184.5	-26	-12
Five-month total..	873.0	803.4	801.1	707.0	-19	-12
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: Production of nonfat dry milk, spray and roller process combined, during May is estimated at 240 million pounds by the Crop Reporting Board. Production was 4 percent less than May 1964 but 2 percent more than the 1959-63 average for the month. During the first 5 months this year output totaled 1.0 billion pounds which is the same as a year earlier.

Spray-dried nonfat milk production was 231 million pounds -- 3 percent under May a year ago, but 6 percent above average. January through May production totaled 988 million pounds which is the same as output for that period last year.

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
	<u>Million pounds</u>				<u>Percent</u>	
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
May.....	234.7	248.9	250.2	240.0	+ 2	- 4
Five-month total	931.9	1,002.2	1,032.5	1,022.9	+10	- 1
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			

May output of roller-dried nonfat milk is estimated at 9 million pounds. This is 26 percent under a year earlier, 49 percent below average, and the smallest production for the month of record. Production in the first 5 months this year at 35 million pounds was down 18 percent from the same period of 1964.

Production of dry whole milk during May at 7.8 million pounds was up 5 percent from a year earlier but was down 10 percent from the May average. January through May output at 39.8 million pounds gained 8 percent over the first 5 months of 1964.

Output of dry buttermilk at 8 million pounds was off 15 percent from a year earlier and was 14 percent below average. January - May production totaled 37.1 million pounds -- 12 percent below the comparable period last year.

Dry skim milk for animal feed production at 2.4 million pounds gained 60 percent from May 1964 but was 11 percent under the 1959-63 average for the month. Production in the first 5 months this year at 9.2 million pounds increased 44 percent from the corresponding period last year.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Evaporated whole milk stocks held by reporting manufacturers on May 31 totaled 165.9 million pounds. These holdings were up 12 percent from the same date last year, 29 percent above average, and the highest stocks for the date since 1961. Stocks of canned sweetened condensed whole milk on May 31, at 7.7 million pounds, were down 23 percent from a year earlier but were 29 percent above average.

Prices paid by condenseries to producers during May averaged \$3.25 per hundred-weight for milk having an average milkfat content of 3.73 percent. This is equivalent to 87 cents per pound of milkfat -- 1 cent less than April, but 2 cents more than

May last year. By States, the highest average price -- 95 cents per pound -- was paid in California and the lowest average -- 82 cents -- was paid in Virginia, Kentucky, Tennessee, and Mississippi.

During May, reporting condenseries for which historical data are available purchased 447 million pounds of whole milk from about 53,000 producers. Purchases per producer averaged 272 pounds daily, compared with 249 pounds a year earlier and the May average of 225 pounds.

Selling prices for evaporated whole milk in May, as reported by manufacturers averaged \$6.07 per case of forty-eight 14½-oz. cans. This price is 2 cents below April but 13 cents higher than in May a year ago.

DRY MILK: Holdings of nonfat dry milk by manufacturers on May 31 totaled 153 million pounds. This is 15 percent above the same date last year and 6 percent more than average. Stocks of spray-dried nonfat at 147 million pounds were 17 percent more than a year earlier and 11 percent greater than the May 31 average. Roller-dried inventories at 7 million pounds were 17 percent below the same date last year and 43 percent less than average. Stocks of dry whole milk at 8 million pounds were up 8 percent from May 31, 1964 and 13 percent above average for the date.

Dry buttermilk stocks at 9 million pounds gained 2 percent from May 31 a year ago but were 1 percent below average. Stocks of dry skim milk for animal feed on May 31 at 1.4 million pounds increased 13 percent from a year earlier and were 21 percent above average for the date.

Shipments during May of all nonfat dry milk for human food, at 172 million pounds, were unchanged from the previous month but 6 percent below a year earlier. Spray process nonfat movement during May at 168 million pounds was 1 percent less than April and 5 percent below May a year ago. Roller process shipments totaled 4 million pounds -- up 37 percent from the month before but 32 percent below average. Dry whole milk movement in May was reported at 9 million pounds. This is 40 percent more than April and 56 percent more than May 1964. Shipments of dry buttermilk at 5 million pounds increased 15 percent from a month earlier but were 6 percent below May last year.

May selling prices for spray and roller process nonfat dry milk (combined) as reported by manufacturers averaged 14.53 cents per pound. This compares with 14.50 cents in April and 14.63 cents in May last year. At 14.54 cents per pound, spray process prices gained fractionally from April but were 0.1 cent per pound below the same month a year ago. Roller process prices at 14.19 cents per pound increased fractionally from April and were 0.3 cent per pound above a year earlier. Dry whole milk prices averaged 33.91 cents per pound for all container sizes. This is 3.1 cents more than April and 0.5 cent above May last year.

Nonfat dry milk deliveries to the United States Department of Agriculture during May totaled 98.3 million pounds. Deliveries for the period April 1 through May 31, 1965 were 196.6 million pounds, compared with 145.1 million for the corresponding period a year ago. On June 18, 1965, the Department held 220.8 million pounds of uncommitted supplies of nonfat dry milk. These holdings include 36.7 million pounds of vitamin fortified nonfat dry milk in all packages and container sizes, 25.9 million pounds of non-fortified in 4½-pound packages and 50-pound bags and 158.2 million pounds non-fortified in 100-pound bags.

Payment-in-kind export certificates issued for nonfat dry milk in May covered 13.8 million pounds. For the 2-month period April 1 through May 31, 1965, PIK certificates totaled 22.1 million pounds, compared with 69.2 million for the corresponding period a year earlier.

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

Commodity	May 1964 ^{1/}	May 1965 ^{1/}			Jan. - May 1965	
		Total	Change from--		Total	Change from Jan. - May 1964
			May 1959-63 Average	May 1964		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	208,500	184,500	-26	-12	707,000	-12
Sweetened condensed whole (case goods)..	10,000	9,450	+34	- 6	41,500	+ 6
Dry milk:						
Dry whole milk.....	7,400	7,800	-10	+ 5	39,800	+ 8
Nonfat dry milk (human food):						
Spray process.....	238,000	231,000	+ 6	- 3	988,000	0
Roller process.....	12,200	9,000	-49	-26	34,900	-18
Total.....	250,200	240,000	+ 2	- 4	1,022,900	- 1
Dry skim milk (animal feed)....	1,500	2,400	-11	+60	9,200	+44
Dry buttermilk.....	9,400	8,000	-14	-15	37,100	-12

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

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

Commodity	Average May 31, 1959-63	May 31, 1964 ^{2/}	May 31, 1965		
			Total	Change from---	
				May 31, 1959-63 av.	May 31, 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	184,392	147,596	165,920	-10	+12
Sweetened condensed whole (case goods)..	5,999	9,977	7,716	+29	-23
Dry milk:					
Dry whole milk.....	6,819	7,138	7,716	+13	+ 8
Nonfat dry milk (human food):					
Spray process.....	132,334	124,860	146,537	+11	+17
Roller process.....	11,704	8,087	6,725	-43	-17
Total.....	144,038	132,947	153,262	+ 6	+15
Dry skim milk (animal feed)....	1,167	1,247	1,408	+21	+13
Dry buttermilk.....	9,293	8,986	9,180	- 1	+ 2

^{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 1965 1/

Price per pound <u>2/</u>	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk <u>4/</u>
	Spray process <u>3/</u>	Roller process		Human food	Animal feed	
<u>Cents</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
6 -6½	-	-	3,300	-	-	-
7½-8	-	-	2,300	-	-	-
8 -8½	-	-	59,562	-	-	-
9 -9½	-	-	18,684	-	2,620	-
10 -10½	-	-	72,102	-	2,900	-
10½-11	-	-	94,527	-	3,700	-
11 -11½	-	-	171,416	-	3,200	-
11½-12	-	-	36,015	92,405	91,325	-
12 -12½	-	-	71,674	-	66,980	-
12½-13	428,304	-	10,450	103,650	160,700	-
13 -13½	1,704,300	486,600	142,028	144,300	33,600	-
13½-14	3,761,571	1,071,400	130,565	156,000	8,100	-
14 -14½	71,033,580	1,687,238	3,200	1,567,255	12,993	-
14½-15	35,029,340	356,498	-	1,255,428	-	-
15 -15½	17,412,167	399,695	-	156,200	-	-
15½-16	2,864,750	141,100	-	36,450	-	-
16 -16½	6,334,895	-	-	-	-	-
16½-17	493,231	153,874	-	-	-	-
17 -17½	496,170	-	-	-	-	-
17½-18	169,675	-	-	-	-	-
=====						
29½-30½	-	-	-	-	-	2,411,400
30½-31½	-	-	-	-	-	69,900
31½-32½	-	-	-	-	-	1,734,410
32½-33½	-	-	-	-	-	295,500
33½-34½	-	-	-	-	-	11,945
34½-35½	-	-	-	-	-	10,000
35½-36½	-	-	-	-	-	225,000
36½-37½	-	-	-	-	-	120,000
37½-38½	-	-	-	-	-	308,020
38½-39½	-	-	-	-	-	600,459
45½-46½	-	-	-	-	-	279,230
51½-52½	-	-	-	-	-	273,750

- 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 1965 ^{1/}

Commodity	May 1964 ^{3/}	April 1965	May 1965		
			Total	Change from--	
				May 1964	April 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.....	5,515	6,158	8,600	+56	+40
Nonfat dry milk (human food):					
Spray process ^{2/}	177,186	169,951	168,169	- 5	- 1
Roller process.....	6,347	3,150	4,313	-32	+37
Total.....	183,533	173,101	172,482	- 6	0
Dry skim milk (animal feed).....	739	950	783	+ 6	-18
Dry buttermilk:					
For human food.....	4,217	3,766	4,274	+ 1	+13
For animal feed.....	829	348	448	-46	+29
Total.....	5,046	4,114	4,722	- 6	+15

^{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 1965 ^{1/}

Commodity	May 1959-63	May 1964	April 1965	May 1965
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.41	14.66	14.51	14.54
Roller process.....	12.92	13.93	14.13	14.19
Spray and roller.....	14.31	14.63	14.50	14.53
Dry skim animal feed.....	10.33	10.34	11.46	11.57
Nonfat and dry skim.....	14.29	14.62	14.49	14.52
Dry buttermilk:				
Human food.....	13.37	13.98	14.31	14.19
Animal feed.....	10.19	10.25	11.90	12.31
Human and animal.....	12.73	13.26	14.11	14.01
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	30.38	29.89	27.96	31.16
Total ^{5/}	36.17	33.40	30.85	33.91

^{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 1-2 $\frac{1}{2}$ 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, May 1965 ^{1/}

Geographic division	May 1964	April 1965	May 1965
	Dollars	Dollars	Dollars
New England.....	5.85	6.04	6.03
Middle Atlantic.....	5.83	5.95	5.94
South Atlantic.....	5.87	6.02	6.00
East North Central.....	5.92	6.05	6.04
West North Central.....	6.02	6.16	6.14
South Central.....	6.04	6.16	6.13
North Western ^{2/}	6.11	6.31	6.30
South Western ^{3/}	5.99	6.16	6.12
United States.....	5.94	6.09	6.07

^{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 1965 ^{1/}

State and division	May 1964			April 1965			May 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.	3.18	3.78	.84	3.28	3.79	.87	3.23	3.76	.86
Va.	3.17	3.88	.82	3.22	3.87	.83	3.12	3.80	.82
S.Atl. ^{2/}	3.20	3.92	.82	3.27	3.92	.83	3.18	3.86	.82
Ohio.....	3.08	3.81	.81	3.24	3.88	.84	3.15	3.78	.83
Ind.	3.19	3.80	.84	3.41	3.97	.86	3.25	3.78	.86
ILL.	3.16	3.56	.89	3.37	3.63	.93	3.27	3.54	.92
Mich.	3.06	3.67	.83	3.19	3.76	.85	3.08	3.67	.84
Wis.	3.28	3.67	.89	3.39	3.63	.93	3.39	3.64	.93
E.N.C. ..	3.15	3.71	.85	3.31	3.76	.88	3.24	3.69	.88
Mo.	3.31	3.91	.85	3.45	3.87	.89	3.40	3.86	.88
Kans.	3.12	3.58	.87	3.35	3.70	.91	3.23	3.56	.91
W.N.C. ^{2/}	3.25	3.71	.88	3.42	3.74	.91	3.36	3.70	.91
Ky.	3.14	3.92	.80	3.19	3.88	.82	2.98	3.64	.82
Tenn.	3.21	4.00	.80	3.28	3.97	.83	3.23	3.96	.82
Miss.	3.29	4.08	.81	3.36	4.03	.83	3.32	4.04	.82
Ark.	3.28	3.88	.85	3.41	3.80	.90	3.43	3.88	.88
S.Cent. ^{2/}	3.20	3.96	.81	3.27	3.92	.83	3.16	3.83	.83
N.W. ^{2/} ..	3.09	3.45	.90	3.26	3.57	.91	3.24	3.51	.92
Calif.	3.36	3.61	.93	3.50	3.69	.95	3.43	3.61	.95
S.W. ^{2/} ..	3.35	3.59	.93	3.49	3.67	.95	3.43	3.59	.96
U.S. ^{2/} ..	3.21	3.77	.85	3.33	3.79	.88	3.25	3.73	.87

^{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
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POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF AGRICULTURE

OFFICIAL BUSINESS

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

Item	Average May 1959-63	May 1964 <u>2/</u>	May 1965
Milk bought from producers..... pounds	586,957,000	452,569,000	447,240,000
Producers..... number	84,000	59,000	53,000
Average per producer per day... pounds	225.4	248.6	271.5
Change in purchases per producer:			
1965 from 1964..... percent	xxx	xxx	+ 9.2
1965 from 5-year average..... percent	xxx	xxx	+20.5

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.