

EVAPORATED, CONDENSED AND DRY MILK  
REPORT FOR DECEMBER 1964

January 29, 1965

PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production for the year 1964 is estimated at 1.9 billion pounds, according to the Crop Reporting Board. This is fractionally less than the 1963 total, 13 percent below the 1958-62 annual average and the smallest annual production since 1935. December production, at 128 million pounds, was down 5 percent from a year earlier and 7 percent below average.

Production in 1964 of canned sweetened condensed whole milk is estimated at 95.0 million pounds. This is 20 percent more than the 1963 output and 44 percent above the 5-year average. Production for December is estimated at 10.5 million pounds, 50 percent more than a year earlier and 112 percent above average for the month.

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

Month	1958-62 average	Enumerations		Estimates 1964	Change from--	
		1962	1963		1958-62 av.	1963
		Million pounds			Percent	
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
August.....	198.9	170.5	175.2	174.0	-13	- 1
September.....	167.4	138.7	140.3	151.0	-10	+ 8
October.....	151.1	142.8	129.7	132.5	-12	+ 2
November.....	128.9	132.1	122.2	115.5	-10	- 5
December.....	136.8	143.7	133.9	127.8	- 7	- 5
Annual total.....	2,158.0	1,928.8	1,897.3	1,887.9	-13	0

DRY MILK: Nonfat dry milk production for human food (spray and roller process combined) totaled 2.15 billion pounds in 1964 -- 3 percent larger than in 1963 and 13 percent above average. December production, at 171 million pounds, was 8 percent more than a year earlier and 16 percent above average.

Production of spray-dried nonfat milk in 1964 was 2.06 billion pounds -- 3 percent more than a year ago and 17 percent above average. The December total of 165 million pounds exceeded the year earlier figure by 8 percent and the average by 19 percent.

Roller-dried nonfat milk output in 1964 at 90.5 million pounds was 4 percent less than in 1963 and 34 percent below average. In December, production was 6.3 million pounds -- an increase of 4 percent from a year earlier but a decrease of 30 percent from average.

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
August.....	130.0	158.6	144.8	148.1	+14	+2
September.....	106.9	131.6	119.4	121.7	+14	+2
October.....	116.9	141.9	121.4	125.5	+ 7	+3
November.....	119.0	143.7	128.2	133.3	+12	+4
December.....	147.9	172.5	158.3	171.3	+16	+8
Annual total.....	1,900.3	2,230.3	2,096.5	2,149.5	+13	+3

Annual 1964 production of dry whole milk at 91.4 million pounds was unchanged from 1963 but 3 percent above average. December output at 8.4 million pounds was 34 percent larger than in December 1963 and 14 percent above average.

Dry buttermilk production in 1964 totaled 86.1 million pounds -- the same as the year before and 2 percent more than average. In December, production was 6.4 million pounds -- 5 percent less than both a year earlier and average.

At 15.8 million pounds, the 1964 total output of dry skim milk for animal feed was down 32 percent from 1963 and was 39 percent below average. December production, at 1.2 million pounds, was off 18 percent from a year earlier and 39 percent from the average for the month.

#### STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on December 31 totaled 185 million pounds -- 41 percent more than on the same date a year ago but 8 percent less than the December 31, 1958-62 average. Sweetened condensed whole milk stocks were 6.9 million pounds. This is 20 percent more than a year earlier, 30 percent above average and the largest inventory for December 31 since 1956.

Condenseries' reported prices paid to producers during December averaged \$3.65 per hundredweight for milk having an average milkfat test of 4.13 percent. This represents a price for milkfat of 88 cents per pound -- unchanged from November, but an increase of 2 cents from December a year ago. The highest average price -- 96 cents per pound -- was paid in Wisconsin and California, while the lowest average -- 80 cents -- was in Kentucky.

Reporting condenseries for which historical data are available purchased 291 million pounds of whole milk during December from about 56,000 producers. Average daily purchases per producer, at 168 pounds, compare with 152 pounds a year earlier and the December 1958-62 average of 145 pounds.

Manufacturers' reported selling prices for evaporated whole milk during December averaged \$6.09 per case of 48 14½-oz. cans. This is the same price as the previous month but an increase of 9 cents per case from December a year ago. For all regions, prices were reported unchanged from November.

DRY MILK: Manufacturers' stocks of nonfat dry milk on December 31 totaled 107 million pounds -- 31 percent more than that date in 1963 and 3 percent above average. Spray-process stocks, which account for 103 million pounds of the total, were 34 percent higher than December 31, 1963 and 8 percent more than average for the date. Roller-process inventories, at 4 million pounds, were down 15 percent from a year earlier and 55 percent from average. Stocks of dry whole milk, at 7 million pounds, were up 32 percent from December 31, 1963 and 9 percent from average.

Dry buttermilk stocks at 6 million pounds were 36 percent more than a year earlier but 6 percent less than the December 31, 1958-62 average. Holdings of dry skim milk for animal feed at 0.9 million pounds were 35 percent lower than a year earlier and 10 percent less than average.

Shipments of nonfat dry milk for human food for December were reported by manufacturers at 129 million pounds -- 21 percent more than November and an increase of 7 percent from December 1963. Spray-process shipments at 125 million pounds exceeded November by 22 percent and December a year ago by 8 percent. Movement of the roller-dried product was 4 million pounds -- 7 percent below November and 4 percent less than December 1963. Dry whole milk shipments for December at 7 million pounds were 5 percent more than the month before and 26 percent above a year earlier. Shipments of dry buttermilk at 4 million pounds increased 14 percent from the previous month but decreased 8 percent from December 1963.

Manufacturers' reported selling prices for nonfat dry milk, spray and roller process combined, averaged 14.57 cents per pound during December. This compares with the November price of 14.62 and the December 1963 price of 14.61 cents. December spray-process prices at 14.58 cents per pound were fractionally lower than both the previous month and a year earlier. Roller-process nonfat prices at 14.40 cents per pound were the same as November but 0.1 cent above December 1963. Dry whole milk prices for all size containers in December averaged 33.98 cents per pound -- 0.5 cent per pound less than a year earlier.

Deliveries of nonfat dry milk to the United States Department of Agriculture during December totaled 71.3 million pounds. Deliveries for the period April 1 through December 31, 1964 totaled 442.3 million pounds, compared with 693.0 million pounds for the corresponding period of 1963. On January 15, 1965, the Department held 90.2 million pounds of uncommitted supplies of nonfat dry milk, including 31.8 million pounds in small packages, 12.9 million pounds in 50-pound bags, and 45.5 million pounds in 100-pound bags.

Payment-in-kind export certificates issued for nonfat dry milk in December covered 17.5 million pounds. For April 1 through December 31, 1964, PIK certificates totaled 430.5 million pounds, compared with 185.5 million pounds for the comparable 1963 period.

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

Commodity	December 1963 <sup>1/</sup>	December 1964 <sup>2/</sup>			Jan.-Dec. 1964	
		Total	Change from--		Total	Change from Jan.-Dec. 1963
			December 1958-62 average	December 1963		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)..	133,929	127,800	- 7	- 5	1,887,900	0
Sweetened condensed whole (case goods)..	7,015	10,500	+112	+50	95,000	+20
<b>Dry milk:</b>						
Dry whole milk.....	6,282	8,400	+ 14	+34	91,400	0
<b>Nonfat dry milk (human food):</b>						
Spray process.....	152,275	165,000	+ 19	+ 8	2,059,000	+ 3
Roller process.....	6,058	6,300	- 30	+ 4	90,500	- 4
Total.....	158,333	171,300	+ 16	+ 8	2,149,500	+ 3
Dry skim milk (animal feed)....	1,461	1,200	- 39	-18	15,750	-32
Dry buttermilk.....	6,765	6,400	- 5	- 5	86,100	0

<sup>1/</sup> Enumerations.  
<sup>2/</sup> Estimates.

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

Commodity	Average Dec. 31, 1958-62	Dec. 31, 1963 <sup>2/</sup>	December 31, 1964		
			Total	Change from --	
				December 31, 1958-62 av.	December 31, 1963
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)..	200,683	131,659	185,307	- 8	+41
Sweetened condensed whole (case goods)..	5,313	5,768	6,916	+30	+20
<b>Dry milk:</b>					
Dry whole milk.....	6,401	5,274	6,968	+ 9	+32
<b>Nonfat dry milk (human food):</b>					
Spray process.....	94,857	76,857	102,794	+ 8	+34
Roller process.....	8,876	4,674	3,952	-55	-15
Total.....	103,733	31,531	106,746	+ 3	+31
Dry skim milk (animal feed)....	949	1,317	854	-10	-35
Dry buttermilk.....	6,126	4,245	5,763	- 6	+36

<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, December 1964 <sup>1/</sup>

Price per pound <sup>2/</sup>	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk <sup>4/</sup>
	Spray process <sup>3/</sup>	Roller process		Human food	Animal feed	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
6-6½	-	-	2,410	-	-	-
6½-7	-	-	2,235	-	-	-
7-8	-	-	3,150	-	-	-
8-8½	-	-	36,485	-	-	-
8½-9	-	-	5,000	-	-	-
9-9½	-	-	21,300	-	5,700	-
9½-10	-	-	33,746	-	2,096	-
10-10½	-	-	37,673	-	2,850	-
10½-11	-	-	29,197	-	15,280	-
11-11½	-	-	90,886	-	61,750	-
11½-12	-	-	48,456	46,200	61,900	-
12-12½	-	-	125,914	114,200	96,100	-
12½-13	315,231	-	60,587	-	-	-
13-13½	2,084,500	-	12,490	35,400	141,730	-
13½-14	1,427,854	289,700	49,501	112,250	20,475	-
14-14½	50,811,570	2,197,444	6,200	1,148,940	-	-
14½-15	31,176,884	787,927	-	1,146,105	-	-
15-15½	9,251,854	471,460	-	432,375	-	-
15½-16	1,966,597	44,800	-	4,100	-	-
16-16½	8,242,823	-	-	-	-	-
16½-17	633,472	68,851	-	42,900	-	-
17-17½	513,346	-	-	-	-	-
17½-18	236,705	-	-	-	-	-
18-18½	16,250	-	-	-	-	-
.....						
24½-25½	-	-	-	-	-	755,700
29½-30½	-	-	-	-	-	1,305,700
30½-31½	-	-	-	-	-	166,950
31½-32½	-	-	-	-	-	1,094,563
32½-33½	-	-	-	-	-	388,150
33½-34½	-	-	-	-	-	5,325
34½-35½	-	-	-	-	-	164,285
36½-37½	-	-	-	-	-	850,618
45½-46½	-	-	-	-	-	220,990
50½-51½	-	-	-	-	-	312,778

- <sup>1/</sup> Excludes shipments for which prices were not reported. For total reported see table 6.  
<sup>2/</sup> Classified according to average monthly prices reported by firms.  
<sup>3/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.  
<sup>4/</sup> Includes some dry whole milk in special packages for export.

Table 6.-Dry milk: Manufacturers' reported shipments, December 1964 <sup>1/</sup>

Commodity	December 1963 <sup>3/</sup>	November 1964	December 1964		
			Total	Change from--	
				December 1963	November 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk .....	5,337	6,423	6,726	+26	+ 5
Nonfat dry milk (human food):					
Spray process <sup>2/</sup> .....	116,453	102,575	125,248	+ 8	+22
Roller process .....	4,011	4,146	3,860	- 4	- 7
Total .....	120,464	106,721	129,108	+ 7	+21
Dry skim milk (animal feed) ...	365	551	650	+78	+18
Dry buttermilk:					
For human food .....	3,731	3,092	3,562	- 5	+15
For animal feed .....	698	463	493	-29	+ 6
Total .....	4,429	3,555	4,055	- 8	+14

- <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, December 1964 <sup>1/</sup>

Commodity	December 1958-62	December 1963	November 1964	December 1964
	Cents	Cents	Cents	Cents
Nonfat dry milk: <sup>2/</sup>				
Spray process <sup>3/</sup> .....	14.46	14.62	14.63	14.58
Roller process .....	13.21	14.28	14.38	14.40
Spray and roller .....	14.38	14.61	14.62	14.57
Dry skim animal feed .....	10.62	10.10	10.83	11.30
Nonfat and dry skim .....	14.35	14.60	14.60	14.56
Dry buttermilk:				
Human food .....	13.82	13.92	14.17	14.33
Animal feed .....	10.43	10.30	12.27	12.15
Human and animal .....	13.25	13.34	13.92	14.06
Dry whole milk:				
Pkgs. over 5-lbs. <sup>4/</sup> .....	31.38	31.08	30.79	30.54
Total <sup>5/</sup> .....	37.03	34.52	33.59	33.98

- <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 14½-oz. cans, in carlots, by geographic divisions, December 1964 1/

Geographic division	December 1963	November 1964	December 1964
	Dollars	Dollars	Dollars
New England .....	5.95	6.04	6.04
Middle Atlantic .....	5.91	5.96	5.96
South Atlantic .....	5.94	6.02	6.02
East North Central .....	5.95	6.05	6.05
West North Central .....	6.10	6.17	6.17
South Central .....	6.14	6.17	6.17
North Western 2/ .....	6.12	6.29	6.29
South Western 3/ .....	6.03	6.16	6.16
<b>United States.....</b>	<b>6.00</b>	<b>6.09</b>	<b>6.09</b>

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, December 1964 1/

State and division	December 1963			November 1964			December 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/	3.42	4.01	.85	3.51	4.10	.86	3.50	4.05	.86
Md. ....	3.53	4.23	.83	3.58	4.19	.85	3.59	4.20	.85
Va. ....	3.71	4.60	.81	3.63	4.48	.81	3.63	4.45	.82
S. Atl. 2/	3.69	4.57	.81	3.66	4.50	.81	3.67	4.48	.82
Ohio ....	3.52	4.16	.85	3.46	4.07	.85	3.52	4.12	.85
Ind. ....	3.74	4.32	.87	3.67	4.14	.89	3.74	4.26	.88
Ill. ....	3.39	3.75	.90	3.48	3.73	.93	3.52	3.77	.93
Mich. ....	3.38	3.90	.87	3.36	3.89	.86	3.37	3.91	.86
Wis. ....	3.52	3.77	.93	3.66	3.82	.96	3.64	3.79	.96
E.N.C. ...	3.50	3.96	.88	3.53	3.94	.90	3.56	3.95	.90
Mo. ....	3.83	4.58	.84	3.87	4.44	.87	3.87	4.43	.87
Kans. ....	3.58	4.12	.87	3.56	3.92	.91	3.59	3.98	.90
W.N.C. 2/	3.62	4.12	.88	3.68	4.02	.92	3.66	4.00	.92
Ky. ....	3.71	4.67	.79	3.67	4.55	.81	3.67	4.56	.80
Tenn. ....	3.76	4.74	.79	3.73	4.64	.80	3.71	4.59	.81
Miss. ....	3.88	4.88	.80	3.92	4.80	.82	3.89	4.73	.82
Ark. ....	3.78	4.57	.83	3.82	4.50	.85	3.81	4.45	.86
S.Cent. 2/	3.75	4.71	.80	3.73	4.60	.81	3.72	4.57	.81
N.W. 2/	3.49	3.88	.90	3.46	3.80	.91	3.51	3.78	.93
Calif. ....	3.56	4.04	.88	3.78	3.95	.96	3.82	3.99	.96
S.W. 2/...	3.57	3.99	.89	3.74	3.92	.95	3.77	3.95	.95
<b>U.S. 2/...</b>	<b>3.60</b>	<b>4.20</b>	<b>.86</b>	<b>3.64</b>	<b>4.16</b>	<b>.88</b>	<b>3.65</b>	<b>4.13</b>	<b>.88</b>

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,  
 December 1964 1/

Item	Average December 1958-62	December 1963 <u>2/</u>	December 1964
Milk bought from producers ..... pounds	375,768,000	283,289,000	291,244,000
Producers ..... number	85,000	60,000	56,000
Average per producer per day ... pounds	144.7	152.5	168.0
Change in purchases per producer:			
1964 from 1963 ..... percent	xxxx	xxxx	+10.2
1964 from 5-year average ..... percent	xxxx	xxxx	+16.1

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.