

EVAPORATED, CONDENSED AND DRY MILK  
REPORT FOR NOVEMBER 1964

December 31, 1964

PRODUCTION

EVAPORATED AND CONDENSED MILK: November production of evaporated whole milk is estimated at 116 million pounds by the Crop Reporting Board. This is 5 percent below a year earlier and 10 percent below the 1958-62 average for the month. Cumulative production January through November, at 1.8 billion pounds, is equal to that of the same period last year.

Sweetened condensed whole milk production in November totaled 6.6 million pounds -- nearly two-thirds above output a year earlier and 28 percent above the 1958-62 average. Production in the first 11 months totaled 84 million pounds -- up 17 percent from the corresponding period of 1963.

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
Eleven-month total.	2,021.2	1,785.1	1,763.4	1,760.1	-13	0
December.....	136.8	143.7	133.9			
Annual total.....	2,158.0	1,928.8	1,897.3			

DRY MILK: Nonfat dry milk output for human consumption (spray and roller processes combined) was 133 million pounds in November, the Crop Reporting Board reports. This is 4 percent above a year earlier and 12 percent above the November 1958-62 average. January through November production, at 2 billion pounds, was 2 percent above a year earlier.

Production of spray process nonfat dry milk was 128 million pounds -- 4 percent above November 1963 and 14 percent above the 5-year November average. The January-November production of 1,894 million pounds was up 2 percent from the same period last year.

Roller process nonfat dried milk production in November was 5.3 million pounds-- 8 percent more than a year earlier, but 25 percent less than average. Total production in the first 11 months, at 84.2 million pounds, was 4 percent below the comparable 1963 period.

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

Month	1958-62 average	Enumerations		Estimate 1964	Change from--	
		1962	1963		1958-62 av.	1963
		<u>Million pounds</u>			<u>Percent</u>	
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
Eleven-month total	1,752.4	2,057.8	1,938.2	1,978.2	+13	+2
December.....	147.9	172.5	158.3			
Annual total.....	1,900.3	2,230.3	2,096.5			

Dry whole milk output was 8.1 million pounds in November -- 21 percent more than November 1963 and 10 percent more than average. January-through-November production of 83 million pounds was 2 percent below the corresponding months' total a year ago.

Dry buttermilk production was 5.4 million pounds -- 7 percent less than November a year ago and 5 percent below average. January-November output this year, at 80 million pounds, was the same as during the same period last year.

Nonfat dry skim milk for animal feed in November was 1.2 million pounds. This is down 23 percent from a year earlier and 35 percent from average. Production for the first 11 months of 1964 totaled 14.6 million pounds, down 33 percent from the corresponding 1963 period.

#### STOCKS, SHIPMENTS, PURCHASES AND PRICES

**EVAPORATED AND CONDENSED MILK:** Evaporated whole milk stocks held by reporting manufacturers on November 30 totaled 220 million pounds -- 46 percent more than a year earlier but 16 percent less than the 1958-62 average for the date. Sweetened condensed whole milk stocks on November 30 were 8.3 million pounds. This is 27 percent higher than a year earlier, 48 percent above average, and the largest holdings for the date since 1956.

Condenseries reported prices paid to producers averaged \$3.64 per hundredweight in November for milk having an average milkfat content of 4.16 percent. This represents a price for milkfat of 88 cents per pound. On a milkfat basis, November prices were 2 cents per pound higher than October and 3 cents higher than November 1963. During November, the highest average -- 96 cents per pound -- was paid in Wisconsin and California, while the lowest average -- 80 cents -- was reported in Tennessee.

Condenseries for which historical data are available reported 287 million pounds of milk purchased during November from about 57,000 producers. Average daily purchases per producer, at 167 pounds in November, compared with 153 pounds a year earlier and the 1958-62 average for the month of 142 pounds. On a percentage basis, purchases per producer were 9 percent above November a year ago and 18 percent above average.

Selling prices reported by manufacturers for evaporated whole milk during November averaged \$6.09 per case of 48-14½-oz. cans. This is 1 cent per case more than during the previous month and 10 cents above a year earlier. Comparison with October shows 6 regions unchanged and gains of 1 cent each in the Middle Atlantic and Southwestern Regions.

DRY MILK: Manufacturers' stocks of nonfat dry milk totaled 93 million pounds as of November 30. Stocks at this level were 44 percent above a year earlier but 1 percent less than the 1958-62 average for the date. Spray process stocks, which make up 89 million pounds of the total, were 48 percent more than November 30 a year ago and 5 percent above average. Roller process stocks, at 4 million pounds, were 13 percent below November 30, 1963 and 57 percent less than average for the date. Dry whole milk stocks, at 6 million pounds, increased 14 percent from a year earlier and were 5 percent more than average. Total holdings of dry buttermilk were 5 million pounds -- up 39 percent from November 30 last year, but 15 percent below average. Inventories of dry skim milk for animal feed on hand November 30, at 0.7 million pounds, were 40 percent below a year earlier and 23 percent below average for the date.

Manufacturers' November shipments of nonfat dry milk for human food were 107 million pounds -- 2 percent less than October but 1 percent more than November a year ago. Spray process shipments, at 103 million pounds, were 2 percent below October but 1 percent above November 1963. Roller process movement, at 4 million pounds, increased 1 percent from October and 24 percent from November last year. Shipments of dry whole milk were 6 million pounds -- off 2 percent from October but 18 percent higher than a year earlier. Dry buttermilk shipments during November totaled 4 million pounds -- 16 percent below the previous month and 11 percent less than November a year ago.

Selling prices reported by manufacturers for nonfat dry milk, spray and roller process combined, averaged 14.62 cents per pound during November. This compares with 14.75 cents the previous month and 14.42 cents a year earlier. Spray process prices, at 14.63 cents per pound, were 0.1 cent per pound less than the October price but 0.2 cent more than in November a year ago. Roller process prices, at 14.38 cents per pound, were fractionally above October but 0.2 cent more than November 1963. Dry whole milk in all size containers averaged 33.59 cents per pound in November. This is 0.4 cent per pound below November a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during November totaled 31.5 million pounds. Deliveries for the period April 1 through November 30, 1964 totaled 371.0 million pounds, compared with 642.8 million pounds for the corresponding period of 1963. On December 18, the Department held 19.5 million pounds of uncommitted supplies of nonfat dry milk.

Payment-in-kind export certificates issued for nonfat dry milk in November covered 25.3 million pounds. For April 1 through November 30, 1964, PIK certificates totaled 386.8 million pounds, compared with 161.7 million pounds for the comparable 1963 period.

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

Commodity	November 1963 <sup>1/</sup>	November 1964 <sup>2/</sup>			Jan.-Nov. 1964	
		Total	Change from--		Total	Change from Jan.-Nov. 1963
			November 1958-62 average	November 1963		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)..	122,160	115,500	-10	- 5	1,760,100	0
Sweetened condensed whole (case goods)..	4,029	6,600	+28	+64	84,500	+17
<b>Dry milk:</b>						
Dry whole milk .....	6,667	8,100	+10	+21	83,000	- 2
Nonfat dry milk (human food):						
Spray process .....	123,261	128,000	+14	+ 4	1,894,000	+ 2
Roller process .....	4,904	5,300	-25	+ 8	84,200	- 4
Total .....	128,165	133,300	+12	+ 4	1,978,200	+ 2
Dry skim milk (animal feed) ...	1,498	1,150	-35	-23	14,550	-33
Dry buttermilk .....	5,803	5,400	- 5	- 7	79,700	0

<sup>1/</sup> Enumerations.<sup>2/</sup> Estimates.Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks November 30, 1964 <sup>1/</sup>

Commodity	Average Nov. 30, 1958-62	Nov. 30, 1963 <sup>2/</sup>	November 30, 1964		
			Total	Change from--	
				November 30, 1958-62 av.	November 30, 1963
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)..	260,727	150,788	219,525	-16	+46
Sweetened condensed whole (case goods)..	5,598	6,522	8,297	+48	+27
<b>Dry milk:</b>					
Dry whole milk .....	5,748	5,314	6,043	+ 5	+14
Nonfat dry milk (human food):					
Spray process .....	84,525	59,857	88,685	+ 5	+48
Roller process .....	8,930	4,416	3,861	-57	-13
Total .....	93,455	64,273	92,546	- 1	+44
Dry skim milk (animal feed) ...	940	1,206	722	-23	-40
Dry buttermilk .....	6,030	3,694	5,141	-15	+39

<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, November 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 -6 $\frac{1}{2}$	-	-	1,690	-	-	-
7 -7 $\frac{1}{2}$	-	-	2,052	-	-	-
7 $\frac{1}{2}$ -8	-	-	5,557	-	-	-
8 -8 $\frac{1}{2}$	-	-	80,984	-	-	-
9 -9 $\frac{1}{2}$	-	-	-	-	11,500	-
9 $\frac{1}{2}$ -10	-	-	18,258	-	5,228	-
10 -10 $\frac{1}{2}$	-	-	88,296	-	43,450	-
10 $\frac{1}{2}$ -11	-	-	9,275	-	4,650	-
11 -11 $\frac{1}{2}$	-	-	60,332	-	16,750	-
11 $\frac{1}{2}$ -12	-	-	77,142	10,000	-	-
12 -12 $\frac{1}{2}$	-	-	69,968	150,400	113,600	-
12 $\frac{1}{2}$ -13	499,327	-	800	14,100	18,200	-
13 -13 $\frac{1}{2}$	2,092,938	-	6,630	-	126,645	-
13 $\frac{1}{2}$ -14	885,142	567,550	22,340	412,868	68,430	-
14 -14 $\frac{1}{2}$	43,462,211	2,039,751	29,130	892,310	-	-
14 $\frac{1}{2}$ -15	16,798,538	948,843	-	585,700	-	-
15 -15 $\frac{1}{2}$	5,624,309	415,419	-	255,400	-	-
15 $\frac{1}{2}$ -16	9,108,017	86,800	-	-	-	-
16 -16 $\frac{1}{2}$	2,932,181	-	-	-	-	-
16 $\frac{1}{2}$ -17	763,226	87,310	-	-	-	-
17 -17 $\frac{1}{2}$	677,495	-	-	-	-	-
17 $\frac{1}{2}$ -18	513,495	-	-	-	-	-
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24 $\frac{1}{2}$ -25 $\frac{1}{2}$	-	-	-	-	-	1,018,700
29 $\frac{1}{2}$ -30 $\frac{1}{2}$	-	-	-	-	-	833,000
30 $\frac{1}{2}$ -31 $\frac{1}{2}$	-	-	-	-	-	197,050
31 $\frac{1}{2}$ -32 $\frac{1}{2}$	-	-	-	-	-	375,350
32 $\frac{1}{2}$ -33 $\frac{1}{2}$	-	-	-	-	-	1,252,065
33 $\frac{1}{2}$ -34 $\frac{1}{2}$	-	-	-	-	-	414,526
36 $\frac{1}{2}$ -37 $\frac{1}{2}$	-	-	-	-	-	645,816
38 $\frac{1}{2}$ -39 $\frac{1}{2}$	-	-	-	-	-	323,400
47 $\frac{1}{2}$ -48 $\frac{1}{2}$	-	-	-	-	-	179,033
58 $\frac{1}{2}$ -59 $\frac{1}{2}$	-	-	-	-	-	257,985

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

Commodity	November 1963 <sup>3/</sup>	October 1964	November 1964		
			Total	Change from--	
				November 1963	October 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 .....	5,438	6,524	6,423	+18	- 2
Nonfat dry milk (human food):					
Spray process <sup>2/</sup> .....	101,840	104,384	102,575	+ 1	- 2
Roller process .....	3,346	4,088	4,146	+24	+ 1
Total .....	105,186	108,472	106,721	+ 1	- 2
Dry skim milk (animal feed) ...	622	688	551	-11	-20
Dry buttermilk:					
For human food .....	3,284	3,802	3,092	- 6	-19
For animal feed .....	706	425	463	-34	+ 9
Total .....	3,990	4,227	3,555	-11	-16

<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, November 1964 <sup>1/</sup>

Commodity	November 1958-62	November 1963	October 1964	November 1964
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: <sup>2/</sup>				
Spray process <sup>3/</sup> .....	14.44	14.43	14.77	14.63
Roller process .....	13.22	14.22	14.37	14.38
Spray and roller .....	14.35	14.42	14.75	14.62
Dry skim animal feed .....	10.53	10.22	11.27	10.83
Nonfat and dry skim .....	14.32	14.40	14.73	14.60
Dry buttermilk:				
Human food .....	13.98	13.74	14.22	14.17
Animal feed .....	10.51	10.48	12.43	12.27
Human and animal .....	13.46	13.17	14.04	13.92
Dry whole milk:				
Pkgs. over 5-lbs. <sup>4/</sup> .....	31.41	33.25	30.35	30.79
Total <sup>5/</sup> .....	36.53	35.98	33.16	33.59

<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 cartons, by geographic divisions, November 1964 1/

Geographic division	November 1963	October 1964	November 1964
	Dollars	Dollars	Dollars
New England .....	5.91	6.04	6.04
Middle Atlantic .....	5.90	5.95	5.96
South Atlantic .....	5.95	6.02	6.02
East North Central .....	5.93	6.05	6.05
West North Central .....	6.10	6.17	6.17
South Central .....	6.13	6.17	6.17
North Western 2/ .....	6.10	6.29	6.29
South Western 3/ .....	6.02	6.15	6.16
United States .....	5.99	6.08	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, November 1964 1/

State and division	November 1963			October 1964			November 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/	3.45	4.03	.86	3.45	4.06	.85	3.51	4.10	.86
Md. ....	3.51	4.18	.84	3.49	4.26	.82	3.58	4.19	.85
Va. ....	3.64	4.52	.81	3.60	4.50	.80	3.63	4.48	.81
S.Atl. 2/	3.63	4.51	.80	3.60	4.49	.80	3.66	4.50	.81
Ohio ....	3.45	4.07	.85	3.38	4.04	.84	3.46	4.07	.85
Ind. ....	3.60	4.20	.86	3.56	4.08	.87	3.67	4.14	.89
Ill. ....	3.31	3.64	.91	3.40	3.70	.92	3.48	3.73	.93
Mich. ....	3.36	3.90	.86	3.31	3.88	.85	3.36	3.89	.86
Wis. ....	3.56	3.83	.93	3.61	3.81	.95	3.66	3.82	.96
E.N.C. ..	3.47	3.94	.88	3.46	3.92	.88	3.53	3.94	.90
Mo. ....	3.75	4.46	.84	3.83	4.47	.86	3.87	4.44	.87
Kans. ....	3.49	3.97	.88	3.46	3.87	.89	3.56	3.92	.91
W.N.C. 2/	3.58	4.07	.88	3.62	4.04	.90	3.68	4.02	.92
Ky. ....	3.66	4.63	.79	3.52	4.41	.80	3.67	4.55	.81
Tenn. ....	3.72	4.71	.79	3.72	4.68	.79	3.73	4.64	.80
Miss. ....	3.86	4.90	.79	3.92	4.87	.80	3.92	4.80	.82
Ark. ....	3.72	4.51	.82	3.79	4.54	.83	3.82	4.50	.85
S.Cent. 2/	3.71	4.68	.79	3.66	4.56	.80	3.73	4.60	.81
N.W. 2/	3.45	3.86	.89	3.40	3.68	.92	3.46	3.80	.91
Calif. ....	3.50	3.95	.89	3.64	3.82	.95	3.78	3.95	.96
S.W. 2/..	3.51	3.91	.90	3.62	3.80	.95	3.74	3.92	.95
U.S. 2/..	3.56	4.19	.85	3.57	4.15	.86	3.64	4.16	.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  
 STATISTICAL REPORTING SERVICE  
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OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, November 1964 1/

Item	Average November 1958-62	November 1963 <u>2/</u>	November 1964
Milk bought from producers ..... pounds	373,301,000	284,364,000	287,438,000
Producers ..... number	89,000	62,000	57,000
Average per producer per day ... pounds	141.7	153.2	167.2
Change in purchases per producer:			
1964 from 1963 ..... percent	xxxx	xxxx	+ 9.1
1964 from 5-year average .... percent	xxxx	xxxx	+18.0

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.