

# EVAPORATED, CONDENSED AND DRY MILK

## REPORT FOR NOVEMBER 1967

December 29, 1967

### PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk during November is estimated at 85.0 million pounds by the Crop Reporting Board. This output was 19 percent below a year earlier, 29 percent less than the 1961-65 November average, and the lowest for the month since 1933. Production in the January through November period totaled 1.4 billion pounds, down 11 percent from the comparable period in 1966.

November production of canned sweetened condensed whole milk was 5.9 million pounds, 47 percent less than a year earlier, and 7 percent less than the 5-year average for the month. Cumulative production in the first eleven months of this year, at 55.9 million pounds, was 53 percent below the corresponding period last year.

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

Month	Enumerations			Estimates 1967	Change from --	
	1961-65 av.	1965	1966		1961-65 av.	1966
	<u>Million pounds</u>				<u>Percent</u>	
January .....	130.7	120.8	115.4	105.2	-20	- 9
February .....	127.7	120.7	113.7	102.6	-20	-10
March .....	153.1	132.5	142.2	119.8	-22	-16
April .....	175.8	150.0	158.9	146.5	-17	- 8
May .....	220.7	184.8	188.0	167.2	-24	-11
June .....	212.7	182.5	191.7	173.3	-19	-10
July .....	186.6	160.3	155.8	152.0	-19	- 2
August .....	171.3	149.9	160.3	141.9	-17	-11
September .....	143.6	136.3	133.4	115.5	-20	-13
October .....	133.2	123.7	123.6	97.0	-27	-22
November .....	119.3	110.9	104.9	85.0	-29	-19
Eleven-month Total .....	1,774.7	1,572.4	1,587.9	1,406.0	-21	-11
December .....	130.2	120.6	108.2			
Annual Total ...	1,904.9	1,693.0	1,696.1			

DRY MILK: Nonfat dry milk production (spray and roller process combined) is estimated at 101 million pounds for November. This is 7 percent above the same month last year, but 23 percent below the November 1961-65 average. Total output for the first eleven months of 1967 was 1.6 billion pounds, up 7 percent from a year earlier.

Production of spray process nonfat dry milk, at 99 million pounds, was 9 percent above November 1966, but 20 percent below average. During the January through November period this year, production totaled 1.5 billion pounds, 8 percent more than in the same months of 1966.

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

Month	Enumerations			Estimates 1967	Change from--	
	1961-65 av.	1965	1966		1961-65 av.	1966
	<u>Million pounds</u>				<u>Percent</u>	
January .....	175.2	189.3	132.3	135.2	-23	+ 2
February .....	171.3	181.0	124.0	129.6	-24	+ 5
March .....	198.3	202.0	145.8	145.7	-27	0
April .....	212.3	213.7	165.9	173.0	-18	+ 4
May .....	246.8	239.3	188.2	195.1	-21	+ 4
June .....	236.2	222.8	192.6	202.4	-14	+ 5
July .....	182.0	171.8	131.8	157.5	-13	+19
August .....	146.0	131.2	112.6	130.1	-11	+16
September .....	118.7	100.3	88.5	100.3	-16	+13
October .....	125.6	101.7	94.0	100.8	-20	+ 7
November .....	130.2	105.5	94.3	100.6	-23	+ 7
Eleven-month total ..	1,942.6	1,858.6	1,470.0	1,570.3	-19	+ 7
December .....	161.8	129.9	125.1			
Annual total .....	2,104.4	1,988.5	1,595.1			

Roller-dried nonfat milk output in November was 1.6 million pounds-- 55 percent less than a year earlier and 72 percent less than the 5-year November average. In the first eleven months, production totaled 38.4 million pounds-- 27 percent less than for this period last year.

Dry whole milk production was 5.7 million pounds, up 3 percent from November 1966, but 23 percent less than average. Cumulative 1967 output through November, at 76.6 million pounds, showed a decrease of 14 percent from the comparable period in 1966.

Production of dry buttermilk in November totaled 4.8 million pounds, down 1 percent from a year earlier and 17 percent below the 5-year average for the month. The January through November total of 64.3 million pounds was 9 percent less than for the same period in 1966.

November production of dry skim milk for animal feed was 2.4 million pounds-- up 29 percent from a year earlier and 31 percent above the 1961-65 average.

#### STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on November 30 totaled 219 million pounds -- 5 percent less than a year earlier, but 11 percent above average for the date. Inventories of canned sweetened condensed whole milk totaled 8.9 million pounds -- 25 percent above November 30 last year and 31 percent above average.

During November, prices paid by condenseries to producers averaged \$4.26 per hundredweight for milk having an average milkfat content of 4.12 percent. This is equivalent to \$1.03 per pound of milkfat -- unchanged from October, but 4 cents less than in November 1966.

Whole milk purchases during November, as reported by condenseries for which historical data are available, totaled 206 million pounds from about 37,000 producers. The average daily purchase per producer was 187 pounds, a gain of 5 percent from November 1966 and 18 percent from the 5-year average for the month.

Selling prices of evaporated whole milk in November, as reported by manufacturers, averaged \$7.06 per case of forty-eight 14½ oz. cans. This is unchanged from the previous month, but down 1 cent from November 1966.

DRY MILK: Stocks of all nonfat dry milk for human consumption held by manufacturers on November 30 totaled 100 million pounds -- down 11 percent from a year earlier, but 20 percent above average for the date. Holdings of spray-dried nonfat, at 97 million pounds, were 11 percent less than November 30 last year, but 25 percent more than average for the date. Dry whole milk stocks were 6.5 million pounds, down 21 percent from a year earlier, but 24 percent more than the November 30 average. The inventory of dry buttermilk, at 6.3 million pounds, was 3 percent below a year earlier, but 17 percent more than average for the date.

Shipments of spray and roller process nonfat dry milk for human use totaled 99 million pounds during November -- 9 percent less than in October, but 12 percent more than in November 1966. Movement of spray-dried nonfat, at 98 million pounds, comprised about 99 percent of the combined shipments. Dry whole milk shipments totaled 5.7 million pounds -- an increase of 9 percent from October and 11 percent above November a year ago. Total shipments of dry buttermilk in November were 3.5 million pounds, down 13 percent from a month earlier, but up 38 percent from November 1966.

Selling prices for spray and roller process (combined) nonfat dry milk averaged 19.93 cents per pound in November, practically unchanged from October, and down 0.5 cent from November last year, but 5.0 cents above the 5-year average for the month. Spray process prices averaged 19.93 cents, compared with 19.95 cents for October and 20.40 cents for November 1966. The November roller-dried nonfat milk average price was 19.79 cents per pound, up 0.3 cent from the previous month, but 0.5 cent below November last year.

Prices for dry buttermilk (human food and animal feed combined) averaged 17.86 cents per pound in November, about the same as for October, but 2.3 cents below November 1966. Dry whole milk prices in all package and container sizes averaged 42.72 cents per pound, compared with 42.96 cents in October and 42.18 cents in November a year ago.

USDA Nonfat Dry Milk Purchases and Payment-In-Kind Activity as Reported by ASCS  
-Delivery basis-

Nonfat dry milk	November 1967	Cumulative	
		April 1, 1966 - November 30, 1966	April 1, 1967 - November 30, 1967
	Mil. pounds	Mil. pounds	Mil. pounds
Purchases .....	41.8	193.9	458.7
PIK exports 1/ .....	-	.6	-
Combined .....	41.8	194.5	458.7

1/ Payment-in-kind export certificates issued. Registrations halted March 2, 1966.

Uncommitted inventories on December 15, 1967 totaled 198.6 million pounds.

Table 3.-Evaporated, condensed, and dry milk: Production, November 1967 with comparisons

Commodity	November 1966 <sup>1/</sup>	November 1967 <sup>2/</sup>			Jan.-Nov. 1967 <sup>2/</sup>	
		Total	Change from--		Total	Change from Jan.-Nov. 1966
			November 1961-65 average	November 1966		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)..	104,869	85,000	-29	-19	1,406,000	-11
Sweetened condensed whole (case goods)..	11,125	5,900	- 7	-47	55,900	-53
<b>Dry milk:</b>						
Dry whole milk.....	5,555	5,700	-23	+ 3	76,650	-14
<b>Nonfat dry milk (human food):</b>						
Spray process.....	90,761	99,000	-20	+ 9	1,532,000	+ 8
Roller process.....	3,567	1,600	-72	-55	38,350	-27
Total.....	94,328	100,600	-23	+ 7	1,570,350	+ 7
Dry skim milk (animal feed)....	1,855	2,400	+31	+29	25,500	+ 5
Dry buttermilk.....	4,837	4,800	-17	- 1	64,300	- 9

<sup>1/</sup> Enumerations.

<sup>2/</sup> Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks November 30, 1967 with comparisons <sup>1/</sup>

Commodity	Average November 30, 1961-65	November 30, 1966 <sup>2/</sup>	November 30, 1967		
			Total	Change from---	
				November 30, 1961-65 av.	November 30, 1966
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)..	197,937	230,780	219,182	+ 11	- 5
Sweetened condensed whole (case goods)..	6,831	7,175	8,934	+ 31	+ 25
<b>Dry milk:</b>					
Dry whole milk.....	5,254	8,257	6,525	+ 24	- 21
<b>Nonfat dry milk (human food):</b>					
Spray process.....	78,088	109,749	97,405	+ 25	- 11
Roller process.....	5,105	2,418	2,288	- 55	- 5
Total.....	83,193	112,167	99,693	+ 20	- 11
Dry skim milk (animal feed)....	1,015	1,153	2,039	+101	+ 77
Dry buttermilk.....	5,389	6,521	6,294	+ 17	- 3

<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 1967 <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
5½-6	-	-	43,717	-	-	-
6½-7	-	-	23,672	-	-	-
7-7½	-	-	4,450	-	-	-
9-9½	-	-	1,850	-	-	-
10-10½	-	-	12,180	-	-	-
11-11½	-	-	11,680	-	-	-
12-12½	-	-	61,327	-	18,500	-
13-13½	-	-	1,863	-	28,400	-
13½-14	-	-	40,300	-	95,450	-
14-14½	-	-	2,988	-	39,950	-
14½-15	-	-	26,816	-	-	-
15-15½	-	-	41,029	-	-	-
15½-16	-	-	17,210	-	2,355	-
16-16½	-	-	189,310	-	-	-
16½-17	-	-	4,720	136,700	-	-
17-17½	-	-	37,269	679,100	-	-
17½-18	1,649,487	-	-	189,100	-	-
18-18½	3,474,175	-	1,450	605,350	-	-
18½-19	249,951	78,400	-	171,500	-	-
19-19½	15,433,234	563,482	-	44,000	-	-
19½-20	20,105,549	89,315	-	211,987	-	-
20-20½	20,279,170	96,850	26,205	25,700	-	-
20½-21	10,296,153	87,226	-	56,300	-	-
21-21½	1,963,661	165,192	-	20,700	-	-
21½-22	304,732	46,325	-	20,900	-	-
22-22½	1,174,259	-	-	-	-	-
22½-23	2,427,240	-	-	-	-	-
23-23½	145,133	-	-	110,600	-	-
23½-24	-	-	-	-	-	-
24-24½	543,615	-	-	-	-	-
24½-25	-	-	-	-	-	-
25-25½	8,700	8,800	-	-	-	-
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37½-38½	-	-	-	-	-	817,800
38½-39½	-	-	-	-	-	2,951,132
39½-40½	-	-	-	-	-	160,200
40½-41½	-	-	-	-	-	169,000
42½-43½	-	-	-	-	-	125,597
45½-46½	-	-	-	-	-	170,100
46½-47½	-	-	-	-	-	136,851
53½-54½	-	-	-	-	-	36,250
59½-60½	-	-	-	-	-	278,550
62½-63½	-	-	-	-	-	507,216

<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 1967, with comparisons 1/

Commodity	November 1966 <u>2/</u>	October 1967	November 1967		
			Total	Change from--	
				November 1966	October 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	5,107	5,172	5,653	+11	+ 9
Nonfat dry milk (human food):					
Spray process <u>3/</u> .....	86,401	<u>2/</u> 107,887	97,765	+13	- 9
Roller process.....	2,363	1,322	1,372	-42	+ 4
Total.....	88,764	<u>2/</u> 109,209	99,137	+12	- 9
Dry skim milk (animal feed).....	645	1,842	957	+48	-48
Dry buttermilk:					
For human food.....	2,151	3,664	3,175	+48	-13
For animal feed.....	366	314	291	-20	- 7
Total.....	2,517	3,978	3,466	+38	-13

1/ Includes shipments for which prices were not reported.

2/ Revised.

3/ Excludes spray-dried nonfat milk sold in packages of retail size.

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, November 1967, with comparisons 1/

Commodity	November 1961-65	November 1966	October 1967	November 1967
	Cents	Cents	Cents	Cents
Nonfat dry milk: <u>2/</u>				
Spray process <u>3/</u> .....	14.92	20.40	19.95	19.93
Roller process.....	14.20	20.26	19.52	19.79
Spray and roller.....	14.88	20.40	19.95	19.93
Dry skim animal feed.....	11.22	15.14	15.01	13.98
Nonfat and dry skim.....	14.86	20.36	19.87	19.87
Dry buttermilk:				
Human food.....	14.13	20.73	18.20	18.25
Animal feed.....	11.27	16.66	13.46	13.55
Human and animal.....	13.70	20.14	17.83	17.86
Dry whole milk:				
Pkgs. over 5 lbs. <u>4/</u> .....	31.50	40.68	39.89	39.63
Total <u>5/</u> .....	34.85	42.18	42.96	42.72

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, November 1967, with comparisons 1/

Geographic division	November 1966	October 1967	November 1967
	Dollars	Dollars	Dollars
New England.....	7.18	7.18	7.18
Middle Atlantic.....	6.99	6.97	6.97
South Atlantic.....	7.08	7.08	7.08
East North Central.....	6.94	6.98	6.98
West North Central.....	7.02	7.01	7.01
South Central.....	7.12	7.12	7.12
North Western 2/.....	7.29	7.35	7.35
South Western 3/.....	7.10	6.98	6.98
United States.....	7.07	7.06	7.06

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 1967, with comparisons 1/

State and division	November 1966 2/			October 1967 3/			November 1967 3/		
	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. ....	4.40	4.23	1.04	4.39	4.21	1.04	4.47	4.32	1.03
Va. ....	4.41	4.44	.99	4.21	4.33	.97	4.25	4.39	.97
EAAL 4/	4.50	4.47	1.01	4.33	4.38	.99	4.39	4.45	.99
Ohio ....	4.41	4.10	1.08	4.20	3.98	1.06	4.28	4.08	1.05
Ind. ....	4.62	4.15	1.11	4.35	4.01	1.08	4.45	4.16	1.07
Mich. ...	4.35	3.91	1.11	4.17	3.85	1.08	4.22	3.93	1.07
Wis. ....	4.58	3.87	1.18	4.31	3.80	1.13	4.36	3.82	1.14
E.N.C. 4/	4.47	3.97	1.13	4.23	3.89	1.09	4.30	3.97	1.08
Mo. ....	4.37	4.24	1.03	4.20	4.14	1.01	4.21	4.13	1.02
Kans. ...	4.28	3.89	1.10	4.05	3.76	1.08	4.13	3.88	1.06
W.N.C. ..	4.34	4.13	1.05	4.15	4.03	1.03	4.19	4.06	1.03
Ky. ....	4.43	4.50	.98	4.24	4.36	.97	4.28	4.41	.97
Tenn. ...	4.47	4.53	.99	4.27	4.43	.96	4.30	4.47	.96
Miss. ...	4.63	4.73	.98	4.38 2/	4.56 2/	.96	4.45	4.62	.96
Ark. ....	4.35	4.20	1.04	4.18	4.19	1.00	4.21	4.21	1.00
S.Cent.	4.45	4.49	.99	4.25	4.38	.97	4.29	4.42	.97
Calif. ...	4.33	3.83	1.13	4.09	3.77	1.08	4.14	3.81	1.09
S.W. 4/	4.36	3.82	1.14	4.14	3.72	1.11	4.20	3.79	1.11
U.S. 4/	4.42	4.15	1.07	4.22	4.09	1.03	4.26	4.12	1.03

1/ Prices f.o.b. plant for milk of actual milkfat content, as reported.

2/ Revised.

3/ Preliminary.

4/ Includes data for some regions and/or States not shown separately.

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OFFICIAL BUSINESS

Table 10 .-Milk bought by condenseries: Quantity bought, and number of producers, November 1967, with comparisons 1/

Item	Average November 1961-65	November 1966 <u>2/</u>	November 1967
Milk bought from producers..... pounds	310,419,000	228,163,000	206,067,000
Producers..... number	65,000	43,000	37,000
Average per producer per day... pounds	159.2	178.5	187.4
Change in purchases per producer:			
1967 from 1966 ..... percent	xxxxxx	xxxxxx	+ 5.0
1967 from 5-year average ..... percent	xxxxxx	xxxxxx	+17.7

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.