

EVAPORATED, CONDENSED AND DRY MILK REPORT FOR NOVEMBER 1966

December 30, 1966

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk in November is estimated at 107 million pounds by the Crop Reporting Board. This is 3 percent less than output a year earlier and 14 percent below the 1960-64 average. The January through November production totaled 1.6 billion pounds--up 3 percent from the corresponding months a year earlier.

November output of canned sweetened condensed whole milk was 11.1 million pounds--up 22 percent from a year earlier and 96 percent above average. In the first 11 months of this year, production totaled 118 million pounds--up 37 percent from the same period in 1965.

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

Month	Enumerations			Estimates 1966	Change from--	
	1960-64 av.	1964	1965		1960-64 av.	1965
	<u>Million pounds</u>				<u>Percent</u>	
January.....	133.1	142.5	120.8	117.2	-12	- 3
February.....	131.0	142.4	120.7	118.4	-10	- 2
March.....	158.4	151.6	132.5	147.0	- 7	+11
April.....	186.4	162.6	150.0	165.6	-11	+10
May.....	236.7	211.3	184.8	193.2	-18	+ 5
June.....	225.3	203.8	182.5	195.4	-13	+ 7
July.....	199.0	183.1	160.2	158.1	-21	- 1
August.....	181.9	172.4	150.0	159.1	-13	+ 6
September.....	150.5	145.1	136.3	133.8	-11	- 2
October.....	140.5	131.8	123.7	125.8	-10	+ 2
November.....	125.0	114.2	110.9	107.4	-14	- 3
Eleven-month total.	1,867.8	1,760.8	1,572.4	1,621.0	-13	+ 3
December.....	134.0	127.3	120.6			
Annual total.....	2,001.8	1,888.1	1,693.0			

DRY MILK: Nonfat dry milk production (spray and roller process combined) in November is estimated at 93 million pounds, 12 percent below a year earlier, 29 percent less than the November 1960-64 average, and the smallest for the month since 1956. The total for the first 11 months this year was 1.5 billion pounds, 21 percent below the January-November period last year.

Spray-dried nonfat milk production, at 89 million pounds, was down 12 percent from November a year ago and 28 percent below average. Cumulative production, January through November, at 1.4 billion pounds, was 21 percent below the same period a year earlier.

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

Month	Enumerations			Estimates 1966	Change from--	
	1960-64 av.	1964	1965		1960-64 av.	1965
	<u>Million pounds</u>				<u>Percent</u>	
January.....	167.6	177.1	189.3	130.3	-22	-31
February.....	166.7	180.1	181.1	123.2	-26	-32
March.....	191.9	209.5	202.5	146.0	-24	-28
April.....	206.4	221.5	214.2	167.5	-19	-22
May.....	243.4	255.8	239.9	188.0	-23	-22
June.....	233.1	239.6	223.4	192.5	-17	-14
July.....	179.4	181.4	172.4	132.0	-26	-23
August.....	144.1	150.1	131.6	110.5	-23	-16
September.....	118.0	121.8	100.7	89.0	-25	-12
October.....	126.8	127.2	102.0	92.9	-27	-9
November.....	130.4	135.9	105.6	92.9	-29	-12
Eleven-month total	1,907.8	2,000.0	1,862.7	1,464.8	-23	-21
December.....	162.6	177.2	130.0			
Annual total.....	2,070.4	2,177.2	1,992.7			

Roller-dried nonfat milk output totaled 3.9 million pounds--a decrease of 7 percent from a year earlier and the smallest November output of record. In the first 11 months, output totaled 56 million pounds--21 percent less than a year earlier.

Dry whole milk production, at 6.0 million pounds, was 23 percent less than November a year ago and 21 percent below average. January through November output totaled 82 million pounds--an increase of 3 percent from the corresponding months in 1965.

Dry buttermilk output was 5.6 million pounds--4 percent above a year earlier but 4 percent less than the November average. In the first 11 months, production totaled 74 million pounds--8 percent below the same period last year.

November production of dry skim milk for animal feed was 1.3 million pounds--down 43 percent from a year earlier and 26 percent below average.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on November 30, were 231 million pounds. This is 42 percent above the same date in 1965 and 3 percent more than average. Inventories of canned sweetened condensed whole milk were 7.2 million pounds, 4 percent less than on November 30 a year earlier but 9 percent above the 1960-64 average.

Prices paid by condenseries to producers for November deliveries averaged \$4.41 per hundredweight for milk having an average fat content of 4.15 percent. This is equivalent to \$1.06 per pound of milkfat, the highest on record for the month and compares with \$1.07 in October and 89 cents in November 1965.

Reporting condenseries, for which historical data are available, purchased 228 million pounds of whole milk during November from about 43,000 producers. Average daily purchases per producer were 178 pounds, compared with 169 pounds a year earlier and the November 1960-64 average of 154 pounds.

Evaporated whole milk selling prices in November, as reported by manufacturers, averaged \$7.07 per case of forty-eight 14½ oz. cans. This is up 1 cent from October and an increase of 96 cents per case from November 1965.

DRY MILK: Stocks of spray and roller process nonfat dry milk for human consumption held by the manufacturers on November 30 totaled 112 million pounds--up 90 percent from a year earlier and 23 percent more than average. Spray-dried holdings, at 110 million pounds, were 93 percent above a year earlier, 31 percent more than average, and the highest for the date on record. Dry whole milk stocks of 8.3 million pounds exceeded those of November 30, 1965 by 90 percent and the 5-year average by 50 percent.

Shipments of nonfat dry milk for human consumption of 85 million pounds during November were 6 percent more than in October but 15 percent below a year earlier. Spray-dried movement constituted 83 million pounds of the combined 85 million pounds. Dry whole milk shipments totaled 5.1 million pounds, 8 percent below October and 33 percent less than a year earlier. November dry buttermilk shipments were 2.4 million pounds--29 percent less than in the preceding month and 27 percent below a year ago.

Selling prices for spray and roller process nonfat dry milk (combined) averaged 20.4 cents per pound during November compared with 19.9 cents in October and 14.9 cents in November a year ago. Spray-process product averaged 20.4 cents in November while roller-dried nonfat prices averaged 20.3 cents per pound. Both spray and roller-dried product prices continued to set new record highs for the month.

Prices of dry buttermilk (human food and animal feed combined) during November set a record high for the month of 20.3 cents per pound, compared with 20.4 cents in October, and 14.5 cents a year earlier. Dry whole milk prices in all package and container sizes averaged 42.2 cents per pound. This is 1.0 cent less than a month earlier but 6.3 cents higher than in November 1965 and the highest for the month since 1952.

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

Nonfat dry milk	November 1966	Cumulative	
		April 1, 1965- November 30, 1965	April 1, 1966- November 30, 1966
	Mil. pounds	Mil. pounds	Mil. pounds
Purchases	25.8	525.1	193.9
PIK exports 1/ ...	-	186.8	0.6
Combined	25.8	711.9	194.5

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

Uncommitted inventories on December 16, 1966 totaled 42.8 million pounds.

Table 3.-Evaporated, condensed, and dry milk: Production, November 1966

Commodity	November 1965 ^{1/}	November 1966 ^{2/}			Jan.-Nov. 1966	
		Total	Change from--		Total	Change from Jan. -Nov. 1965
			November 1960-64 average	November 1965		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	110,915	107,400	-14	- 3	1,621,000	+ 3
Sweetened condensed whole (case goods)..	9,101	11,060	+96	+22	117,610	+37
Dry milk:						
Dry whole milk.....	7,770	6,000	-21	-23	82,000	+ 3
Nonfat dry milk (human food):						
Spray process.....	101,409	89,000	-28	-12	1,408,500	-21
Roller process.....	4,199	3,900	-38	- 7	56,300	-21
Total.....	105,608	92,900	-29	-12	1,464,800	-21
Dry skim milk (animal feed)....	2,288	1,300	-26	-43	22,200	- 1
Dry buttermilk.....	5,407	5,600	- 4	+ 4	74,500	- 8

^{1/} Enumerations.
^{2/} Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks
November 30, 1966 ^{1/}

Commodity	Average Nov. 30, 1960-64	Nov. 30, 1965 ^{2/}	November 30, 1966		
			Total	Change from---	
				November 30, 1960-64 av.	November 30, 1965
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	224,014	162,553	230,780	+ 3	+ 42
Sweetened condensed whole (case goods)..	6,587	7,479	7,175	+ 9	- 4
Dry milk:					
Dry whole milk.....	5,495	4,347	8,257	+ 50	+ 90
Nonfat dry milk (human food):					
Spray process.....	84,155	57,025	110,017	+ 31	+ 93
Roller process.....	7,540	2,155	2,418	-68	+ 12
Total.....	91,695	59,180	112,435	+ 23	+ 20
Dry skim milk (animal feed)....	1,083	885	1,160	+ 7	+ 31
Dry buttermilk.....	6,098	3,257	6,505	+ 7	+100

^{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, November 1966 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	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
8-8½	-	-	3,320	-	-	-
9-9½	-	-	4,600	-	-	-
10-10½	-	-	27,874	-	-	-
11-11½	-	-	10,199	-	-	-
12-12½	-	-	11,550	-	-	-
12½-13	-	-	-	-	1,350	-
13-13½	-	-	2,617	-	-	-
13½-14	-	-	47,815	-	-	-
14-14½	-	-	146,931	-	2,472	-
14½-15	-	-	6,525	-	49,200	-
15-15½	-	-	29,939	-	-	-
15½-16	-	-	5,860	-	3,200	-
16-16½	-	-	-	-	77,800	-
16½-17	-	-	9,890	-	86,600	-
17-17½	564,350	-	69,002	-	10,357	-
17½-18	1,881,623	-	13,788	1,200	21,000	-
18-18½	159,050	-	2,709	-	58,200	-
18½-19	-	-	61,975	1,000	-	-
19-19½	10,215,204	81,675	1,456	180,860	3,100	-
19½-20	18,740,150	235,145	-	106,700	13,150	-
20-20½	7,305,937	1,420,416	-	305,300	-	-
20½-21	8,056,620	166,430	-	38,000	-	-
21-21½	2,152,605	41,550	-	39,200	-	-
21½-22	4,869,650	43,650	-	63,300	-	-
22-22½	8,487,042	38,700	-	50,700	-	-
22½-23	647,421	58,600	-	114,300	-	-
23-23½	1,058,101	-	-	207,700	-	-
23½-24	1,274,447	37,000	-	-	-	-
24-24½	8,200	-	-	-	-	-
24½-25	42,600	-	-	-	-	-
25-25½	6,900	7,900	-	-	-	-
32½-33½	-	-	-	-	-	45,000
34½-35½	-	-	-	-	-	70,053
36½-37½	-	-	-	-	-	178,506
37½-38½	-	-	-	-	-	193,000
38½-39½	-	-	-	-	-	584,900
39½-40½	-	-	-	-	-	568,800
40½-41½	-	-	-	-	-	1,700,350
41½-42½	-	-	-	-	-	69,500
42½-43½	-	-	-	-	-	78,600
45½-46½	-	-	-	-	-	259,878
46½-47½	-	-	-	-	-	154,725
48½-49½	-	-	-	-	-	237,114
49½-50½	-	-	-	-	-	322,000
51½-52½	-	-	-	-	-	94,350
53½-54½	-	-	-	-	-	125,634

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, November 1966 ^{1/}

Commodity	November 1965 ^{2/}	October 1966	November 1966		
			Total	Change from--	
				November 1965	October 1966
	<u>pounds</u>	<u>pounds</u>	<u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	7,598	5,548	5,107	-33	- 8
Nonfat dry milk (human food):					
Spray process ^{3/}	97,164	77,949	82,813	-15	+ 6
Roller process.....	3,127	2,119	2,363	-24	+12
Total.....	100,291	80,068	85,176	-15	+ 6
Dry skim milk (animal feed).....	968	757	605	-38	-20
Dry buttermilk:					
For human food.....	2,810	2,828	1,997	-29	-29
For animal feed.....	429	489	356	-17	-27
Total.....	3,239	3,317	2,353	-27	-29

^{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 1966 ^{1/}

Commodity	November 1960-64	November 1965	October 1966	November 1966
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk; ^{2/}				
Spray process ^{3/}	14.74	14.95	19.90	20.40
Roller process.....	13.80	14.76	20.10	20.26
Spray and roller.....	14.68	14.94	19.91	20.40
Dry skim animal feed.....	10.82	12.40	16.55	15.01
Nonfat and dry skim.....	14.65	14.92	19.87	20.36
Dry buttermilk:				
Human food.....	14.02	14.82	20.99	20.97
Animal feed.....	10.91	12.73	16.80	16.66
Human and animal.....	13.55	14.52	20.37	20.32
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	31.47	32.86	41.46	40.68
Total ^{5/}	35.00	35.88	43.21	42.18

^{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 1½-oz. cans, in cartons, by geographic divisions, November 1966 1/

Geographic division	November 1965	October 1966	November 1966
	Dollars	Dollars	Dollars
New England.....	6.09	7.11	7.18
Middle Atlantic.....	5.99	7.00	6.99
South Atlantic.....	6.04	7.08	7.08
East North Central.....	6.06	6.96	6.94
West North Central.....	6.21	7.02	7.02
South Central.....	6.22	7.12	7.12
North Western 2/.....	6.42	7.18	7.29
South Western 3/.....	6.16	7.10	7.10
United States.....	6.11	7.06	7.07

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, November 1966 1/

State and division	November 1965 2/			October 1966			November 1966		
	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.	3.62	4.21	.86	4.57	4.29	1.07	4.40	4.23	1.04
Va.	3.67	4.46	.82	4.39	4.37	1.00	4.41	4.44	.99
S.Atl. 3/	3.70	4.48	.83	4.54	4.43	1.02	4.50	4.47	1.01
Ohio.....	3.56	4.07	.87	4.38	4.04	1.08	4.42	4.10	1.08
Ind.	3.64	4.06	.90	4.57	4.05	1.13	4.62	4.15	1.11
Mich. ...	3.46	3.88	.89	4.34	3.82	1.14	4.35	3.91	1.11
Wis.	3.79	3.80	1.00	4.70	3.85	1.22	4.58	3.87	1.18
E.N.C. 3/	3.57	3.93	.91	4.46	3.92	1.14	4.45	3.98	1.12
Mo.	3.91	4.34	.90	4.47	4.30	1.04	4.37	4.24	1.03
Kans. ...	3.56	3.83	.93	4.31	3.88	1.11	4.19	3.82	1.10
W.N.C. 3/	3.75	4.05	.93	4.42	4.19	1.05	4.32	4.11	1.05
Ky.	3.67	4.45	.82	4.51	4.46	1.01	4.43	4.50	.98
Tenn. ...	3.76	4.57	.82	4.55	4.57	1.00	4.48	4.55	.98
Miss. ...	3.96	4.78	.83	4.65	4.65	1.00	4.63	4.73	.98
Ark.	3.87	4.39	.88	4.44	4.26	1.04	4.35	4.20	1.04
S.Cent. 3/	3.75	4.51	.83	4.53	4.49	1.01	4.45	4.50	.99
Calif. ..	3.73	3.87	.96	4.30	3.76	1.14	4.33	3.83	1.13
S.W. 3/..	3.74	3.84	.97	4.32	3.75	1.15	4.36	3.82	1.14
U.S. 3/..	3.68	4.13	.89	4.45	4.16	1.07	4.41	4.15	1.06

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

2/ Revised.

3/ Includes data for some regions and/or 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 1966 1/

Item	Average November 1960-64	November 1965 <u>2/</u>	November 1966
Milk bought from producers..... pounds	338,248,000	251,106,000	228,163,000
Producers..... number	73,000	49,000	43,000
Average per producer per day... pounds	154.5	169.3	178.2
Change in purchases per producer:			
1966 from 1965..... percent	xxxxxx	xxxxxx	+ 5.3
1966 from 5-year average..... percent	xxxxxx	xxxxxx	+15.3

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.