

EVAPORATED, CONDENSED AND DRY MILK REPORT FOR DECEMBER 1966

January 31, 1967

PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production for the year 1966 is estimated at 1.73 billion pounds by the Crop Reporting Board. This is 2 percent more than the 1965 total, but 14 percent below the 1960-64 average. December production, at 110 million pounds, was down 9 percent from a year earlier and 18 percent lower than average for the month.

Sweetened condensed whole milk output in 1966 is estimated at 127 million pounds. This is 32 percent more than the 1965 total, 65 percent above the 5-year average, and the highest annual output since 1947. Production for December is estimated at 9.4 million pounds, down 8 percent from the same month a year earlier, but 41 percent above average for the month.

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
December.....	134.0	127.3	120.6	109.9	-18	- 9
Annual total.....	2,001.8	1,888.1	1,693.0	1,730.9	-14	+ 2

DRY MILK: Annual nonfat dry milk production (spray and roller process combined) during 1966 totaled 1.59 billion pounds--a drop of 20 percent from 1965 and 23 percent below the 5-year average. It was the lowest annual production since 1956. December output, at 123 million pounds, was 6 percent less than a year earlier and 25 percent below average.

Spray-dried nonfat milk production in 1966 was 1.53 billion pounds--a drop of 20 percent from the year before and 22 percent below average. Spray-dried product accounted for 96 percent of total nonfat dry milk for human food. The December total of 118 million pounds was off 6 percent from a year earlier and down 24 percent from the average for the month.

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
December.....	162.6	177.2	130.0	122.7	-25	-6
Annual total.....	2,070.4	2,177.2	1,992.7	1,587.5	-23	-20

Roller-dried nonfat milk output in 1966, at 61 million pounds, reached a new low--20 percent less than in 1965 and 48 percent below average. The December total of 4.7 million pounds was up 2 percent from a year earlier.

The 1966 annual output of dry whole milk was 88 million pounds--a decline of 1 percent from 1965 and 2 percent below average. December production, at 5.5 million pounds, was down 37 percent from the same month a year earlier.

Dry buttermilk in 1966, at 81 million pounds, was 8 percent smaller than the previous year and 9 percent less than average. December output of 6.1 million pounds was 1 percent below the same month a year earlier.

Dry skim milk production for animal feed in 1966, at 24 million pounds, was 3 percent less than the year before. The total for December of 1.6 million pounds was down 24 percent from a year earlier.

STOCKS, SHIPMENTS, PURCHASES, & PRICES

EVAPORATED AND CONDENSED MILK: Evaporated whole milk stocks held by reporting manufacturers on December 31 were 193 million pounds--43 percent above a year earlier and 7 percent more than the 1960-64 average for the date. Holdings of canned sweetened condensed whole milk, at 11.6 million pounds, were 95 percent above the same date a year earlier and 98 percent more than average for the date.

For the month of December, prices paid by condenseries to producers averaged \$4.40 per hundredweight for milk having an average milkfat content of 4.11 percent. This is equivalent to \$1.07 per pound of milkfat--1 cent more than in November, 15 cents above December a year earlier and the highest for the month since 1947.

Condenseries, for which historical data are available, reported purchases of 225 million pounds of whole milk during December from about 41,000 producers. Average daily purchases per producer were 177 pounds compared with 166 a year earlier and the 5-year December average of 156 pounds.

December selling prices for evaporated whole milk as reported by manufacturers, averaged \$7.06 per case of forty-eight 14½-oz. cans. This is a decline of 1 cent per case from the previous month but an increase of 94 cents from December 1965.

DRY MILK: Manufacturers' stocks of spray and roller process nonfat dry milk for human consumption on December 31 totaled 119 million pounds. This is more than double the holdings a year earlier and 13 percent more than average. The spray-dried inventory of 116 million pounds was up 108 percent from December 31, 1965 and was 20 percent above average. Dry whole milk holdings, at 6.9 million pounds, were 39 percent above a year earlier and 10 percent more than average.

Nonfat dry milk shipments for human consumption during December, at 99 million pounds, increased 16 percent from November but were 17 percent below a year earlier. Spray-dried movement constituted 98 percent of the combined 99 million pounds. Dry whole milk shipments, at 6.1 million pounds, were 20 percent more than the month before but 17 percent less than December 1965. Dry buttermilk movement of 2.7 million pounds was 14 percent greater than November but down 36 percent from December a year earlier.

Selling prices for spray and roller process (combined) nonfat dry milk during December averaged 20.1 cents per pound, compared with 20.4 cents for a month earlier and 15.0 cents for the same month in 1965. Spray-process prices averaged 20.1 cents, down 0.3 cent from November but 5.1 cents above a year earlier. Roller-dried nonfat prices averaged 19.9 cents per pound.

Dry whole milk prices in all package and container sizes averaged 42.8 cents per pound in December, compared with 42.2 cents in November and 36.2 cents a year earlier. Prices of dry buttermilk (human food and animal feed combined) in December averaged 19.8 cents per pound and set a new record high for the month.

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

Nonfat dry milk	December 1966	Cumulative	
		April 1, 1965- December 31, 1965	April 1, 1966- December 31, 1966
	Mil. pounds	Mil. pounds	Mil. pounds
Purchases	38.9	564.2	232.8
PIK exports 1/ ...		187.9	0.6
Combined	38.9	752.1	233.4

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

Uncommitted inventories on January 20, 1967 totaled 58.7 million pounds.

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

Commodity	December 1965 ^{1/}	December 1966 ^{2/}			Jan. - Dec. 1966	
		Total	Change from--		Total	Change from Jan. - Dec. 1965
			December 1960-64 average	December 1965		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	120,629	109,900	-18	- 9	1,730,900	+ 2
Sweetened condensed whole (case goods)..	10,318	9,450	+41	- 8	127,060	+32
Dry milk:						
Dry whole milk.....	8,746	5,500	-26	-37	87,500	- 1
Nonfat dry milk (human food):						
Spray process.....	125,357	118,000	-24	- 6	1,526,500	-20
Roller process.....	4,588	4,700	-41	+ 2	61,000	-20
Total.....	129,945	122,700	-25	- 6	1,587,500	-20
Dry skim milk (animal feed)....	2,094	1,600	-17	-24	23,800	- 3
Dry buttermilk.....	6,181	6,100	-11	- 1	80,600	- 8

^{1/} Enumerations.

^{2/} Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks
December 31, 1966 ^{1/}

Commodity	Average Dec. 31, 1960-64	Dec. 31, 1965 ^{2/}	December 31, 1966		
			Total	Change from---	
				December 31, 1960-64 av.	December 31, 1965
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	180,879	134,755	192,874	+ 7	+ 43
Sweetened condensed whole (case goods)..	5,860	5,924	11,578	+98	+ 95
Dry milk:					
Dry whole milk.....	6,312	5,000	6,932	+10	+ 39
Nonfat dry milk (human food):					
Spray process.....	97,153	56,021	116,304	+20	+108
Roller process.....	7,830	2,150	2,626	-66	+ 22
Total.....	104,983	58,171	118,930	+13	+104
Dry skim milk (animal feed)....	1,170	724	1,008	-14	+39
Dry buttermilk.....	6,281	2,919	8,060	+28	+176

^{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, December 1966 ^{1/}

Price per pound ^{2/}	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk ^{4/}
	Spray process ^{3/}	Roller process		Human food	Animal feed	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
8-8½	-	-	3,650	-	-	-
10-10½	-	-	6,221	-	-	-
10½-11	-	-	1,200	-	-	-
11-11½	-	-	50,230	-	-	-
11½-12	-	-	1,650	-	-	-
12-12½	-	-	1,800	-	-	-
14-14½	-	-	15,828	-	-	-
14½-15	-	-	2,650	-	-	-
15-15½	-	-	20,075	-	-	-
15½-16	-	-	45,657	-	34,105	-
16-16½	-	-	277,154	-	78,575	-
16½-17	-	-	53,070	-	-	-
17-17½	522,200	-	25,585	-	38,839	-
17½-18	656,029	-	83,171	35,000	88,600	-
18-18½	4,486,048	-	31,176	179,000	11,150	-
18½-19	1,387,900	-	8,789	29,900	-	-
19-19½	12,305,395	676,751	3,900	340,520	3,300	-
19½-20	25,002,279	547,710	-	65,000	-	-
20-20½	9,762,038	1,021,126	-	226,725	-	-
20½-21	8,987,067	55,980	-	410,950	-	-
21-21½	2,199,862	26,492	-	74,500	-	-
21½-22	6,483,291	-	-	72,800	-	-
22-22½	3,568,689	41,100	-	115,815	-	-
22½-23	110,434	36,873	-	29,000	-	-
23-23½	877,970	-	-	1,500	-	-
23½-24	-	-	-	111,500	-	-
25-25½	516,712	5,450	-	-	-	-
25½-26	9,680	-	-	-	-	-
26-26½	3,300	-	-	-	-	-
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32½-33½	-	-	-	-	-	41,500
36½-37½	-	-	-	-	-	22,800
37½-38½	-	-	-	-	-	1,162,000
38½-39½	-	-	-	-	-	447,871
39½-40½	-	-	-	-	-	474,100
40½-41½	-	-	-	-	-	1,421,040
42½-43½	-	-	-	-	-	36,100
43½-44½	-	-	-	-	-	289,004
44½-45½	-	-	-	-	-	525,838
48½-49½	-	-	-	-	-	757,550
50½-51½	-	-	-	-	-	302,769
52½-53½	-	-	-	-	-	374,636

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, December 1966 ^{1/}

Commodity	December 1965 ^{2/}	November 1966	December 1966		
			Total	Change from--	
				December 1965	November 1966
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	7,330	5,107	6,115	-17	+20
Nonfat dry milk (human food):					
Spray process ^{3/}	117,064	82,813	96,439	-18	+16
Roller process.....	2,447	2,363	2,419	- 1	+ 2
Total.....	119,511	85,176	98,858	-17	+16
Dry skim milk (animal feed).....	1,049	605	811	-23	+34
Dry buttermilk:					
For human food.....	3,735	1,997	2,361	-37	+18
For animal feed.....	433	356	322	-26	-10
Total.....	4,168	2,353	2,683	-36	+14

^{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, December 1966 ^{1/}

Commodity	December 1960-64	December 1965	November 1966	December 1966
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.81	15.00	20.40	20.07
Roller process.....	13.83	14.96	20.26	19.88
Spray and roller.....	14.75	15.00	20.40	20.07
Dry skim animal feed.....	10.94	12.58	15.01	16.04
Nonfat and dry skim.....	14.73	14.98	20.36	20.03
Dry buttermilk:				
Human food.....	13.99	14.73	20.97	20.26
Animal feed.....	10.84	12.75	16.66	16.81
Human and animal.....	13.45	14.56	20.32	19.85
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	30.91	32.54	40.68	40.12
Total ^{5/}	35.03	36.19	42.18	42.76

^{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, December 1966 1/

Geographic division	December 1965	November 1966	December 1966
	Dollars	Dollars	Dollars
New England.....	6.10	7.18	7.18
Middle Atlantic.....	6.00	6.99	6.98
South Atlantic.....	6.05	7.08	7.08
East North Central.....	6.07	6.94	6.93
West North Central.....	6.22	7.02	7.01
South Central.....	6.23	7.12	7.12
North Western 2/.....	6.42	7.29	7.29
South Western 3/.....	6.15	7.10	7.04
United States.....	6.12	7.07	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, December 1966 1/

State and division	December 1965 2/			November 1966			December 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.	3.64	4.20	.87	4.40	4.23	1.04	4.44	4.27	1.04
Va.	3.71	4.44	.84	4.41	4.44	.99	4.39	4.43	.99
S.Atl. 3/	3.75	4.45	.84	4.50	4.47	1.01	4.50	4.45	1.01
Ohio.....	3.74	4.09	.91	4.42	4.10	1.08	4.41	4.10	1.08
Ind.	3.94	4.16	.95	4.62	4.15	1.11	4.60	4.20	1.10
Mich. ...	3.60	3.91	.92	4.35	3.91	1.11	4.32	3.90	1.11
Wis.	3.95	3.77	1.05	4.58	3.87	1.18	3.81	4.57	1.20
E.N.C. 3/	3.74	3.95	.95	4.45	3.98	1.12	4.44	3.96	1.12
Mo.	3.98	4.31	.92	4.37	4.24	1.03	4.37	4.22	1.04
Kans. ...	3.73	3.86	.97	4.19	3.82	1.10	4.26	3.91	1.09
W.N.C. 3/	3.83	4.01	.96	4.32	4.11	1.05	4.33	4.12	1.05
Ky.	3.73	4.41	.85	4.43	4.50	.98	4.38	4.40	1.00
Tenn. ...	3.81	4.51	.84	4.48	4.55	.98	4.40	4.45	.99
Miss. ...	3.96	4.61	.86	4.63	4.73	.98	4.54	4.60	.99
Ark.	3.89	4.30	.90	4.35	4.20	1.04	4.34	4.15	1.05
S.Cent. 3/	3.80	4.45	.85	4.45	4.50	.99	4.39	4.40	1.00
Calif. ..	3.82	3.97	.96	4.33	3.83	1.13	4.38	3.94	1.11
S.W. 3/..	3.82	3.93	.97	4.36	3.82	1.14	4.41	3.92	1.12
U.S. 3/..	3.78	4.11	.92	4.41	4.15	1.06	4.40	4.11	1.07

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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POSTAGE AND FEES PAID
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OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, December 1966 1/

Item	Average December 1960-64	December 1965 <u>2/</u>	December 1966
Milk bought from producers..... pounds	338,779,000	241,831,000	225,417,000
Producers..... number	70,000	47,000	41,000
Average per producer per day... pounds	156.1	165.5	177.2
Change in purchases per producer:			
1966 from 1965..... percent	XXXXX	XXXXX	+ 7.1
1966 from 5-year average.... percent	XXXXX	XXXXX	+13.5

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.