

EVAPORATED CONDENSED AND DRY MILK

REPORT FOR OCTOBER 1967

November 30, 1967

PRODUCTION

EVAPORATED AND CONDENSED MILK: October production of evaporated whole milk is estimated at 97.0 million pounds by the Crop Reporting Board. This is 22 percent less than a year earlier, 27 percent less than the 1961-65 average for the month, and the lowest October production since 1929. Total production in the January through October period was 1.3 billion pounds, 11 percent below the comparable period in 1966.

Output of canned sweetened condensed whole milk during October was 4.3 million pounds, 65 percent below a year earlier, and 35 percent below the 5-year average for the month. Cumulative production in the first ten months of 1967, at 50.0 million pounds, was down 54 percent from 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	
Ten-month total .	1,655.4	1,461.5	1,483.0	1,321.0	-20	-11	
November	119.3	110.9	104.9				
December	130.2	120.6	108.2				
Annual total	1,904.9	1,693.0	1,696.1				

DRY MILK: Production of nonfat dry milk (spray and roller process combined) during October is estimated at 101 million pounds, up 7 percent from the same month last year, but 20 percent below the 1961-65 average. Total output for the first 10 months of 1967 was 1.5 billion pounds, up 7 percent from the same period last year.

Spray - process nonfat dry milk production, at 99 million pounds, was 10 percent above October 1966, but 17 percent less than average. Cumulative output, January through October, at 1.4 billion pounds, was 8 percent more than for the corresponding months a year earlier.

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	113.7	100.3	88.5	100.3	-16	+13
October	125.6	101.7	94.0	100.8	-20	+ 7
Ten-month total..	1,812.4	1,753.1	1,375.7	1,469.7	-19	+ 7
November	130.2	105.5	94.3			
December	151.8	129.9	125.1			
Annual total.....	2,104.4	1,988.5	1,595.1			

Roller dried nonfat milk production in October was 1.8 million pounds -- one-half that of a year earlier and 69 percent less than the 5-year October average.

Output of dry whole milk was 5.4 million pounds, down 14 percent from October 1966 and 27 percent less than average. Total production in the first ten months this year was 71 million pounds, a decrease of 15 percent from the comparable period last year.

October dry buttermilk production totaled 4.7 million pounds, compared with 4.9 million a year earlier and the average for the month of 5.8 million pounds. The January through October total of 59.5 million pounds was 9 percent less than for this period in 1966.

Output of dry skim for animal feed was 2.0 million pounds -- down 1 percent from October a year ago and 4 percent below average.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Evaporated whole milk stocks held by reporting manufacturers on October 31, totaled 265 million pounds -- 5 percent more than a year earlier and 11 percent above average for the date. Holdings of canned sweetened condensed whole milk, at 8.7 million pounds, were up 24 percent from October 31 last year and 21 percent above average.

Prices paid by condenseries to producers during October averaged \$4.22 per hundredweight for milk having an average milkfat content of 4.09 percent. This is equivalent to \$1.03 per pound of milkfat -- down 1 cent from September and 4 cents less than in October 1966.

Purchases of whole milk in October, as reported by condenseries for which historical data are available, totaled 241 million pounds from about 38,000 producers. The average daily purchase per producer was 207 pounds, a gain of 6 percent from October last year and 20 percent from the 5-year average for the month.

Evaporated whole milk selling prices in October, as reported by manufacturers, averaged \$7.06 per case of forty-eight 14½ oz. cans. This is unchanged from both the previous month and a year earlier.

DRY MILK: Manufacturers' stocks of all nonfat dry milk for human consumption at the end of October were 116 million pounds--1 percent less than a year earlier, but 35 percent above average for the date. The inventory of spray-dried nonfat, at 114 million pounds, was down 1 percent from October 31 last year, but 42 percent above the 5-year average for the date. Dry whole milk stocks were 7.2 million pounds, down 14 percent from a year earlier, but 35 percent more than the October 31 average. Holdings of dry buttermilk, at 6.8 million pounds, were 27 percent above a year earlier and 21 percent more than average for the date.

Shipments during October of spray and roller process nonfat dry milk for human use totaled 117 million pounds--20 percent more than in September and 41 percent more than in October 1966. Movement of spray-dried nonfat, at 116 million pounds, accounted for about 99 percent of the combined shipments. Dry whole milk shipments were 5.2 million pounds--an increase of 12 percent from the previous month, but 7 percent less than a year earlier. Total shipments of dry buttermilk in October were 4.0 million pounds, up 12 percent from September and up 17 percent from October last year.

Spray and roller process (combined) nonfat dry milk selling prices averaged 19.95 cents per pound in October, compared with 19.92 cents in September, 19.96 cents in October a year ago, and the 5-year average for the month of 14.89. Spray process prices averaged 19.95 cents, practically unchanged from the previous month and October 1966. Roller-dried nonfat milk average price was 19.52 cents per pound, compared with 19.51 cents in September and 20.10 cents in October last year.

Dry buttermilk prices (human food and animal feed combined) averaged 17.83 cents per pound in October, about 0.2 cent more than for September but 2.5 cents less than a year earlier. Dry whole milk in all package and container sizes averaged 42.96 cents per pound, 3.2 cents more than a month earlier, but 0.2 cent less than in October 1966.

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

Nonfat dry milk	October 1967	Cumulative	
		April 1, 1966- October 31, 1966	April 1, 1967- October 31, 1967
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>
Purchases	36.9	168.1	416.9
PIK exports 1/ ...	-	.6	-
Combined	36.9	168.7	416.9

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

Uncommitted inventories on November 17, 1967 totaled 153.6 million pounds.

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

Commodity	October 1966 ^{1/}	October 1967 ^{2/}			Jan.-Oct. 1967 ^{2/}	
		Total	Change from--		Total	Change from Jan.-Oct. 1966
			October 1961-65 average	October 1966		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	123,628	97,000	-27	-22	1,321,000	-11
Sweetened condensed whole (case goods)..	12,343	4,300	-35	-65	50,000	-54
Dry milk:						
Dry whole milk.....	6,275	5,400	-27	-14	70,950	-15
Nonfat dry milk (human food):						
Spray process.....	90,364	99,000	-17	+10	1,433,000	+ 8
Roller process.....	3,591	1,800	-69	-50	36,750	-25
Total.....	93,955	100,800	-20	+ 7	1,469,750	+ 7
Dry skim milk (animal feed)....	2,015	2,000	- 4	- 1	23,100	+ 3
Dry buttermilk.....	4,947	4,700	-19	- 5	59,500	- 9

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

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks
October 31, 1967, with comparisons ^{1/}

Commodity	Average October 31, 1961-65	October 31, 1966 ^{2/}	October 31, 1967		
			Total	Change from---	
				October 31, 1961-65 av.	October 31, 1966
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	238,613	253,361	265,280	+11	+05
Sweetened condensed whole (case goods)..	7,192	7,021	8,706	+21	+24
Dry milk:					
Dry whole milk.....	5,347	8,432	7,220	+35	-14
Nonfat dry milk (human food):					
Spray process.....	79,989	114,552	113,611	+42	- 1
Roller process.....	6,032	2,263	2,455	-59	+ 8
Total.....	86,021	116,815	116,066	+35	- 1
Dry skim milk (animal feed)....	1,110	1,252	2,384	+115	+90
Dry buttermilk.....	5,654	5,369	6,823	+21	+27

^{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, October 1967 ^{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
7 -7½	-	-	1,080	-	-	-
7½-8	-	-	1,510	-	-	-
9 -9½	-	-	3,900	-	-	-
9½-10	-	-	6,185	-	-	-
10 -10½	-	-	84,043	-	-	-
11 -11½	-	-	7,615	-	-	-
11½-12	-	-	18,920	-	-	-
12 -12½	-	-	2,100	-	-	-
13 -13½	-	-	31,655	-	163,250	-
13½-14	-	-	86,800	-	43,600	-
14 -14½	-	-	3,813	-	53,478	-
14½-15	-	-	217,683	-	1,800	-
15 -15½	-	-	19,670	-	12,600	-
15½-16	-	-	545,014	-	3,185	-
16 -16½	-	-	311,341	72,000	-	-
16½-17	-	-	26,650	288,500	-	-
17 -17½	38,350	-	24,303	1,258,600	-	-
17½-18	1,924,435	-	-	78,000	-	-
18 -18½	2,931,250	-	-	478,300	-	-
18½-19	459,121	273,000	-	-	-	-
19 -19½	13,389,488	573,968	2,350	103,775	-	-
19½-20	26,335,412	90,000	25,000	124,788	-	-
20 -20½	20,980,464	144,980	-	114,200	-	-
20½-21	10,505,086	124,434	-	-	-	-
21 -21½	1,761,535	65,182	-	23,000	-	-
21½-22	287,734	43,010	-	105,000	-	-
22 -22½	1,047,174	-	-	-	-	-
22½-23	2,649,557	-	-	-	-	-
23 -23½	650,317	-	-	239,020	-	-
25 -25½	8,245	7,200	-	-	-	-
36½-37½	-	-	-	-	-	3,000
37½-38½	-	-	-	-	-	849,020
38½-39½	-	-	-	-	-	2,617,644
39½-40½	-	-	-	-	-	36,200
40½-41½	-	-	-	-	-	193,700
44½-45½	-	-	-	-	-	156,305
45½-46½	-	-	-	-	-	199,700
46½-47½	-	-	-	-	-	146,376
49½-50½	-	-	-	-	-	1,601
52½-53½	-	-	-	-	-	24,927
60½-61½	-	-	-	-	-	243,795
64½-65½	-	-	-	-	-	424,259

^{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, October 1967, with comparisons 1/

Commodity	October 1966 2/	September 1967	October 1967		
			Total	Change from--	
				October 1966	September 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	5,548	4,606	5,172	-7	+12
Nonfat dry milk (human food):					
Spray process 3/.....	81,121	96,082	115,640	+43	+20
Roller process.....	2,119	1,468	1,322	-38	-10
Total.....	83,240	97,550	116,962	+41	+20
Dry skim milk (animal feed).....	772	1,159	1,842	+139	+59
Dry buttermilk:					
For human food.....	2,909	3,241	3,664	+26	+13
For animal feed.....	489	316	314	-36	- 1
Total.....	3,398	3,557	3,978	+17	+12

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, October 1967, with comparisons 1/

Commodity	October 1961-65	October 1966	September 1967	October 1967
	Cents	Cents	Cents	Cents
Nonfat dry milk: 2/				
Spray process 3/.....	14.95	19.96	19.93	19.95
Roller process.....	14.02	20.10	19.51	19.52
Spray and roller.....	14.89	19.96	19.92	19.95
Dry skim animal feed.....	11.03	15.93	14.83	15.01
Nonfat and dry skim.....	14.86	19.93	19.86	19.87
Dry buttermilk:				
Human food.....	14.05	20.99	18.10	18.20
Animal feed.....	11.14	16.80	13.25	13.46
Human and animal.....	13.55	20.37	17.67	17.83
Dry whole milk:				
Pkgs. over 5 lbs. 4/.....	31.18	41.46	39.32	39.89
Total 5/.....	34.56	43.21	39.71	42.96

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 carlots, by geographic divisions, October 1967, with comparisons 1/

Geographic division	October 1966	September 1967	October 1967
	Dollars	Dollars	Dollars
New England.....	7.11	7.18	7.18
Middle Atlantic.....	7.00	6.97	6.97
South Atlantic.....	7.08	7.08	7.08
East North Central.....	6.96	6.98	6.98
West North Central.....	7.02	7.01	7.01
South Central.....	7.12	7.12	7.12
North Western 2/.....	7.18	7.35	7.35
South Western 3/.....	7.10	6.98	6.98
United States.....	7.06	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, October 1967, with comparisons 1/

State and division	October 1966 2/			September 1967 3/			October 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
Mi.	4.49	4.20	1.07	4.30	4.05	1.06	4.39	4.21	1.04
Va.	4.39	4.37	1.00	4.09	4.14	.99	4.21	4.33	.97
S.Atl. 4/	4.53	4.42	1.02	4.22	4.18	1.01	4.33	4.38	.99
Ohio	4.38	4.04	1.08	4.07	3.85	1.06	4.20	3.98	1.06
Ind.	4.57	4.05	1.13	4.14	3.81	1.09	4.35	4.01	1.08
Mich.	4.34	3.82	1.14	4.05	3.70	1.09	4.17	3.85	1.08
Wis.	4.70	3.85	1.22	4.20	3.66	1.15	4.31	3.80	1.13
E.N.C. 4/	4.48	3.92	1.14	4.10	3.74	1.10	4.23	3.89	1.09
Mo.	4.47	4.30	1.04	4.08	4.02	1.01	4.20	4.14	1.01
Kans.	4.31	3.88	1.11	3.97	3.71	1.07	4.05	3.76	1.08
W.N.C. ..	4.42	4.19	1.05	4.05	3.94	1.03	4.15	4.03	1.03
Ky.	4.51	4.46	1.01	4.10	4.17	.98	4.24	4.36	.97
Tenn.	4.53	4.54	1.00	4.14	4.22	.98	4.27	4.43	.96
Miss.	4.65	4.65	1.00	4.20	4.34	.97	4.38	4.43	.99
Ark.	4.44	4.26	1.04	4.13	4.10	1.01	4.18	4.19	1.00
S.Cent.	4.52	4.48	1.01	4.13	4.19	.99	4.25	4.38	.97
Calif. ...	4.30	3.76	1.14	3.99	3.67	1.09	4.09	3.77	1.08
S.W. 4/	4.32	3.75	1.15	4.05	3.63	1.12	4.14	3.72	1.11
U.S. 4/	4.46	4.15	1.07	4.10	3.95	1.04	4.22	4.09	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.

UNITED STATES DEPARTMENT OF AGRICULTURE
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OFFICIAL BUSINESS

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

Item	Average October 1961-65	October 1966 <u>2/</u>	October 1967
Milk bought from producers..... pounds	358,521,000	265,147,000	241,262,000
Producers..... number	67,000	44,000	38,000
Average per producer per day... pounds	172.6	194.9	206.7
Change in purchases per producer:			
1967 from 1966 percent	xxxxx	xxxxx	+ 6.1
1967 from 5-year average percent	xxxxx	xxxxx	+19.8

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.