

December 1, 1947

EVAPORATED, CONDENSED, AND DRY MILK REPORT  
(October 1947)

EVAPORATED AND CONDENSED MILK

Production of canned evaporated milk in October totaled 200,500,000 pounds, an increase of 3 percent over the production of last year, but 11 percent below the 1941-45 October average, according to the Bureau of Agricultural Economics. Production for the first 10 months of 1947 totaled 2,853,900,000 pounds, an increase of 6 percent over the production of the same months last year. Production of canned condensed milk in October totaled 19,500,000 pounds, an increase of 151 percent over October last year, 109 percent over the 5-year October average, and the largest October production since 1922. Cumulative production at the end of October totaled 134,310,000 pounds, an increase of 31 percent over the output of the same period last year and the largest production for the first 10 months of any year since 1927.

Production in the evaporated and condensed milk (bulk goods) industry during October showed both up and down changes compared to October 1946. The output of plain condensed skim milk and sweetened condensed skim milk was smaller than in October last year while the production of plain condensed whole milk and sweetened condensed whole milk was larger. The October production of plain condensed whole milk totaled 12,120,000 pounds, which was 27 percent larger than in October last year and 43 percent larger than the 5-year October average. The cumulative production of 103,055,000 pounds at the end of October was 20 percent larger than the cumulative production of the same months last year. The October output of plain condensed skim milk, however, at 34,490,000 pounds, was 11 percent smaller than a year earlier, but 18 percent larger than the 5-year October average. The cumulative production through October totaled 348,430,000 pounds, a decrease of 16 percent from the corresponding production of last year. The October output of sweetened condensed whole milk totaled 4,685,000 pounds, an increase of 24 percent over October last year, but unchanged from the 5-year October average. Production for the first 10 months of the year totals 63,345,000 pounds, 7 percent smaller than the corresponding production of 1946. Sweetened condensed skim milk in October totaled 15,745,000 pounds, a decrease of 68 percent from a year earlier and 10 percent from the 5-year October average. Production for the first 10 months of this year is estimated at 528,140,000 pounds, a decrease of 30 percent from the corresponding 10 months last year.

Stocks of canned evaporated milk held by manufacturers on October 31 were reported at 285,450,000 pounds, an increase of 67 percent over the same date last year, 26 percent over the 5-year average stocks for that date, and the largest stocks reported for October 31 since 1941. Stocks of canned condensed milk on October 31 totaled 9,463,000 pounds, a decrease of 17 percent from the stocks of the same date last year, but an increase of 26 percent over the 5-year average stocks for October 31.

Prices received by evaporated milk manufacturers in October were slightly higher than in September, but lower than in October last year. The October average of all sales reported by canned evaporated milk manufacturers was \$5.31 per case of 48 14½-oz. cans compared to \$5.24 per case in September and \$5.79 per case in October last year. Manufacturers of condensed case goods in October received \$8.40 per case of 48 14-oz. cans compared to \$8.26 per case in September and \$7.92 per case in October last year.

Sales of bulk condensed and evaporated milk in October were made at prices slightly higher than in September. The October average for plain condensed whole milk was

Reported Shipments (F.O.B. Plant)

DRY NONFAT MILK SOLIDS (Bulk Goods) Pounds				DRY BUTTERMILK (Bulk Goods) Pounds		
Price ¢ 1/	Human Food		Animal feed	Price ¢ 1/	Human Food	
	Spray process	Roller process			Food	Animal feed
4 -4 1/2			5,096	5 -5 1/2		5,100
5 -5 1/2			1,369	6 1/2 -7		7,100
6 -6 1/2	21,463		7,227	7 -7 1/2		104,830
6 1/2 -7			39,423	7 1/2 -8		674,613
7 -7 1/2		2,250	177,832	8 -8 1/2	63,650	173,435
7 1/2 -8		14,600	224,010	8 1/2 -9	12,600	131,659
8 -8 1/2		44,400	544,092	9 -9 1/2	12,875	89,535
8 1/2 -9		535,100	73,779	9 1/2 -10	24,100	62,022
9 -9 1/2	1,065,335	1,707,474	40,969	10 -10 1/2	19,537	21,550
9 1/2 -10	409,285	1,697,344	23,796	10 1/2 -11	478,804	
10 -10 1/2	2,674,522	4,788,220	22,754	11 -11 1/2	24,390	
10 1/2 -11	8,160,074	4,884,802		11 1/2 -12	409,050	
11 -11 1/2	4,238,547	2,585,090		12 -12 1/2	17,450	
11 1/2 -12	1,534,471	2,048,646		12 1/2 -13	210,388	
12 -12 1/2	3,505,638	362,966				
12 1/2 -13	5,133,920	114,970				
13 -13 1/2	139,362	5,250				
13 1/2 -14	775,927	41,215				
14 -15	588,698					
TOTAL	28,247,242	18,832,327	1,160,347		1,272,844	1,269,844
AV. PRICE	11.41¢	10.51¢	7.92¢		11.19¢	7.98¢
TOTAL HUMAN		47,079,569				
AV. PRICE		11.05¢				
GRAND TOTAL		48,239,916			2,542,688	
GRAND AV. PRICE OCT. 1947		10.97¢			9.59¢	
GRAND AV. PRICE SEPT. 1947		10.18¢			8.88¢	
GRAND AV. PRICE OCT. 1946		14.54¢			12.01¢	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING OCTOBER 1947 2/  
Reported Shipments (F.O.B. Plant)

Price ¢ 1/	1-2 1/2 lb. packages	5 lb. package	All other pkgs. including bbls. & drums	Total reported shipments
22 1/2 -23 1/2			42,108	42,108
30 1/2 -31 1/2			35,400	35,400
32 1/2 -33 1/2			149,300	149,300
33 1/2 -34 1/2	53,001	501,100	716,862	1,270,963
34 1/2 -35 1/2			642,297	642,297
35 1/2 -36 1/2			779,834	779,834
36 1/2 -37 1/2	48,137		425,223	473,360
37 1/2 -38 1/2		26,920	187,125	214,045
38 1/2 -39 1/2			560,347	560,347
39 1/2 -40 1/2			310,300	310,300
40 1/2 -41 1/2		300,660	515,278	815,938
41 1/2 -42 1/2		70,515	330,010	430,525
42 1/2 -43 1/2	711,508	1,057,745	2,382,153	4,151,406
44 1/2 -45 1/2	214	885		1,099
45 1/2 -46 1/2	40,117	15,210		55,327
46 1/2 -47 1/2		787,351	512,196	1,299,447
49 1/2 -50 1/2	16,920			16,920
50 1/2 -51 1/2	1,683,173			1,683,173
53 1/2 -54 1/2	288,990			288,990
TOTAL	2,842,060	2,760,286	7,518,433	13,220,779
AV. PRICE OCT. 1947	48.75¢	42.24¢	39.84¢	42.14¢
AV. PRICE SEPT. 1947	45.17¢	42.57¢	40.53¢	41.81¢
AV. PRICE OCT. 1946	3/	3/	3/	43.57¢

1/ Classified according to average monthly prices reported by firms.

2/ Includes some dry whole milk in special packages for export.

3/ Not reported separately prior to April 1947.

	Unit	October		Oct. average 1941-45
		1947	1946	
Purchases, reported total	Pounds	456,978,000	420,338,000	447,338,000
Producers	Numbers	151,000	145,000	152,000
Average daily purchases per producer	Pounds	97.6	93.5	94.9
Changes in purchases per producer 1947 from 1946	Percent	+4.4	XXXX	XXXX
1947 from 5-yr. average	"	+2.8	XXXX	XXXX

\* These figures represent milk purchases primarily for the manufacture of evaporated and condensed milk (case goods) by a large group of selected condenseries.

AVERAGE MANUFACTURERS' CARLOT SELLING PRICES OF EVAPORATED AND CONDENSED MILK  
BY GEOGRAPHIC SECTIONS OCTOBER 1947 \*

Geographic section	Case goods		Bulk goods			
	Evaporated (48 14 $\frac{1}{2}$ -oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain Condensed (unsweetened)		Sweetened Cond.	
			Whole	Skimmed	Whole	Skimmed
	Dollars		Dollars per hundredweight			
New England	5.37	8.40	10.60	4.10	16.26	8.63
Middle Atlantic	5.33	8.40	14.89	4.13	16.38	8.40
South Atlantic	5.31	8.39	-	3.76	16.50	8.01
East North Central	5.28	8.39	14.79	3.79	15.61	8.12
West North Central	5.30	-	12.66	3.94	15.38	8.03
South Central	5.34	8.39	-	4.00	16.57	8.13
North Western	5.30	-	-	-	-	-
South Western	5.31	-	10.85	3.93	16.00	8.50
U. S. OCT. 1947	5.31	8.40	13.67	3.92	15.83	8.20
U. S. SEPT. 1947	5.24	8.26	12.54	3.87	15.20	8.04
U. S. OCT. 1946	5.79	7.92	14.00	5.15	17.74	11.11

\* Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT FOR OCT. 1947  
7 GEOGRAPHIC SECTIONS 1/

Geographic section	Number of factories reporting	Price per cwt.	
		Range Dollars	Average Dollars
Mid. Atlantic	6	3.74-5.04	4.57
South Atlantic	7	3.22-4.05	3.46
East North Central	94	3.38-4.51	3.64
West North Central	13	3.41-3.75	3.56
South Central	15	3.08-3.54	3.24
North Western	9	3.14-3.56	3.34
South Western	18	3.32-3.69	3.55
U. S. OCT. 1947	162	3.03-5.04	3.60
U. S. SEPT. 1947	164	3.02-4.60	3.52
U. S. OCT. 1946	161	3.36-4.98	4.20

1/ No prices available for the New England section.

Prices paid at Midwest condenseries used in determining class prices under the New York and Chicago Milk Marketing Order for October

New York City \$3.619

Chicago \$3.625

Page 2  
 AVERAGE PRICES PAID FOR CONDENSED MILK  
 FOR CANNING DURING SEPTEMBER AND OCTOBER 1947 1/

State	October		September		State	October		September	
	Average price per 100 lbs.	Butter-fat test	Average price per 100 lbs.	Butter-fat test		Average price per 100 lbs.	Butter-fat test	Average price per 100 lbs.	Butter-fat test
	Dol.	Pct.	Dol.	Pct.		Dol.	Pct.	Dol.	Pct.
N. Y.	4.53	3.95	4.22	3.86	Ky.	4.55	4.87	4.29	4.58
Va.	4.37	4.75	4.13	4.43	Tenn.	4.57	5.03	4.23	4.66
W. Va.	4.58	4.76	4.23	4.42	Miss.	4.59	5.03	4.14	4.65
Ohio	4.28	4.31	4.11	4.12	Texas	4.46	4.98	4.01	4.61
Ind.	4.48	4.46	4.19	4.21	Idaho	4.26	4.29	4.28	4.21
Ill.	3.99	3.82	3.81	3.76	Wash.	4.55	4.53	4.28	4.32
Mich.	4.18	4.15	4.09 2/	4.07 2/	Ore.	4.61	4.82	4.55	4.74
Wis.	4.07	3.89	4.00	3.89	Colo.	4.15	3.86	3.96	3.77
Minn.	4.07	3.88	4.02	3.82	Utah	3.44	3.48	3.30	3.41
Iowa	3.99	3.85	4.01	3.79	Calif.	4.17	4.09	4.07	4.01
Mo.	4.62	4.78	4.22	4.35	U.S. 3/	4.28	4.28	4.10	4.15
Kans.	4.41	4.49	4.07 2/	4.26					

1/ Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.o.b. plant, country receiving or concentrating station and therefore include hauling costs. 2/ Revised.

3/ Includes prices for some States not shown separately.

\$13.67 per hundredweight compared to \$12.54 per hundredweight in September and \$14.00 in October last year; plain condensed unsweetened (skim milk) was \$3.92 in October compared with \$3.87 in September, and \$5.15 in October last year; sweetened condensed whole milk was \$15.83 in October, \$15.20 in September, and \$17.74 in October last year; and sweetened condensed skim milk was \$8.20 in October, \$8.04 in September, and \$14.11 in October last year.

Prices paid by condenseries in October for milk, adjusted to a 3.5 percent butterfat basis, averaged \$3.60 per hundredweight compared to \$3.52 per hundredweight in September, \$4.20 in October last year, and \$2.47 for the 5-year October average. The largest regional increase in October paying prices over those reported in September was 35 cents per hundredweight in the Middle Atlantic States and the smallest increase - 1 cent - was in the Northwestern States.

The average test of all milk bought for canning by condenseries in October was 4.38 percent, and the average price paid was \$4.28 per hundredweight. By States, the test ranged from 3.42 percent in Utah to 5.03 percent in Tennessee and Mississippi and the average price paid from \$3.44 per hundredweight in Utah to \$4.62 per hundredweight in Missouri. The average price paid in September was \$4.10 per hundredweight and the average test was 4.15 percent. In August the average price was \$5.66 and the test 3.97 percent.

Milk purchased by condenseries in October, primarily for canning, totaled 456,978,000 pounds from 151,000 producers. In October last year they purchased 420,336,000 pounds of milk from 145,000 producers. The average daily deliveries per producer in October this year was 97.6 pounds of milk, a gain of 4.4 percent over the average daily deliveries of October last year and 2.8 percent over the 5-year average October daily deliveries.

DRY MILK

Production of dry milk products in October, with the exception of dry buttermilk, exceeded the production of October last year, the Bureau of Agricultural Economics.

COMMODITY	Oct. 1947 1/	Oct. 1946 2/	Change in Oct. 1947 from		Cumulative total Jan.-Oct. 1947	Change from Jan.-Oct. 1946
			1946	1941-45 average		
	Thousand pounds		Percent		Thous. lb.	Percent
<b>Evaporated and Condensed Milk</b>						
Evaporated (case goods)	200,500	194,974	+3	-11	2,853,900	+6
Condensed (case goods)	19,500	7,759	+151	+109	134,310	+31
Plain Condensed Whole (bulk)	12,120	9,542	+27	+43	103,055	+20
Plain Condensed Skimmed (bulk)	34,490	38,753	-11	+18	348,430	-16
Sweetened Cond. Whole (bulk)	4,685	3,779	+24	0	63,345	-7
Sweetened Cond. Skimmed (bulk)	15,745	49,210	-68	-10	528,140	-30
<b>Dry Milk</b>						
Dry Whole						
Spray process	13,100	9,808	+34	3/	126,475	-18
Roller process	1,950	700	+179	3/	15,410	+9
<b>Total</b>	<b>15,050</b>	<b>10,508</b>	<b>+43</b>	<b>+64</b>	<b>141,885</b>	<b>-15</b>
Dry Nonfat Solids						
Human Food - Spray process	19,500	18,404	+6	4/	379,280	+17
Human Food - Roller process	11,500	10,449	+10	4/	244,010	-9
<b>Total (Human Food)</b>	<b>31,000</b>	<b>28,853</b>	<b>+7</b>	<b>+1</b>	<b>623,290</b>	<b>+5</b>
Dry skim milk (Animal feed)	935	430	+117	-51	23,110	+84
Dry buttermilk	2,500	2,711	-8	-34	37,750	+15

1/ Estimated. Subject to revision when the final report is available for 1946. 2/ Preliminary figures. 3/ Spray and roller dry whole milk not reported separately prior to 1945. 4/ Spray and roller nonfat dry milk solids not reported separately prior to 1942.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY MILK OCTOBER 31

COMMODITY	1947	1946 1/	Average 1941-45	Change in 1947 from	
				1946	1941-45 Av.
	Thousand pounds			Percent	
<b>Evaporated and Condensed Milk</b>					
Evaporated (case goods)	285,450	171,026	226,322	+67	+26
Condensed (case goods)	9,463	11,377	7,501	-17	+23
<b>Dry Milk</b>					
Dry Whole					
Spray process	18,156	23,075	2/	-21	2/
Roller process	458	58	2/	+690	2/
<b>Total</b>	<b>18,614</b>	<b>23,133</b>	<b>10,465</b>	<b>-20</b>	<b>+78</b>
Dry Nonfat Solids					
Human Food - Spray process	21,348	25,120	3/	-15	3/
Human Food - Roller process	14,011	20,903	3/	-33	3/
<b>Total (Human Food)</b>	<b>35,359</b>	<b>46,023</b>	<b>27,355</b>	<b>-23</b>	<b>+29</b>
Dry skim milk (Animal feed)	844	859	1,640	-2	-49
Dry buttermilk	6,075	4,510	5,080	+35	+20

1/ Revised to include late reports. 2/ Not reported separately prior to January 1945. 3/ Not reported separately prior to January 1943.

reports. The margins of increase ranged from 6 percent for spray-dried nonfat milk solids to 179 percent for roller-dried whole milk. Stocks of dry milk products held by driers on October 31 were larger than a year earlier for dry buttermilk and roller-dried whole milk, but smaller for all other items. Prices edged higher than in September, but were lower than a year earlier.

Estimated production of dry whole milk in October totaled 15,050,000 pounds, an increase of 43 percent over October last year and 64 percent over the 5-year (1941-45) October average. However, cumulative production for the year at the end of October was 15 percent smaller than a year earlier.

October production of nonfat dry milk solids totaled 31 million pounds, an increase of 7 percent over the production of October last year and 1 percent over the 5-year October average. Spray-dried, at 19,500,000 pounds, registered an increase of 6 percent over last year and roller-dried, 10 percent. At the end of October, the

cumulative output of spray-dried nonfat milk solids totaled 379,280,000 pounds, an increase of 17 percent over the same period last year. However, the cumulative output of roller-dried, at 244,010,000 pounds, showed a decrease of 9 percent. The combined production at the end of October was 5 percent larger than the cumulative production on the same date last year.

Production of dry skim milk for animal feed in October totaled 935,000 pounds, slightly more than double the October production of last year, but just about one-half of the 5-year October average. Cumulative production for the year through October totaled 23,110,000 pounds, 84 percent larger than the production of the same period last year. The October output of 2,500,000 pounds of dry buttermilk was 8 percent smaller than a year earlier and 34 percent smaller than the 5-year October average. However, the cumulative production of 37,750,000 pounds through October was 15 percent larger than the corresponding output of last year.

The markets for dry milk products have shown a definite firmness in recent months compared to the situation of last Spring, and from the latest market reports they are continuing to improve, although at a level, except for dry whole milk, considerably below that of a year earlier. Manufacturers' prices of nonfat spray-dried milk solids in October averaged 11.41 cents per pound, f.o.b. plant or the usual point of delivery, compared to 10.64 cents in September. October sales of roller-dried averaged 10.51 cents compared to 9.61 cents a month earlier; dry skim milk for animal feed, 7.92 cents compared to 7.39 cents; dry buttermilk (human and animal feed combined), 9.59 cents compared with 8.88 cents; and dry whole milk (bulk and package combined), 42.14 cents compared to 41.81 cents. However, all of the increase in the dry whole milk average came in the 1-2½ pound package goods, as the October prices for bulk goods averaged 39.64 cents per pound compared to 40.53 cents in September. Manufacturers' prices of dry whole milk sold in 1-2½ pound containers averaged 48.75 cents per pound compared to 45.17 cents per pound in September, but dry whole milk sold in 5 pound packages averaged 42.24 cents compared to a September average of 42.57 per pound.

Manufacturers' stocks of spray and roller-dried nonfat milk solids on October 31 totaled 35,359,000 pounds, a decrease of 23 percent from the stocks of the same date last year, but an increase of 29 percent over the 5-year average stocks for October 31. The seasonal decrease of 28 percent from the September 30 stocks was about average for that period. Compared to a year earlier, stocks of spray-dried nonfat milk solids were in better supply at the end of October than were stocks of roller-dried, the former showing a decrease of only 15 percent and the latter 33 percent.

Stocks of dry skim milk for animal feed on October 31 totaled 844,000 pounds, a decrease of 2 percent from the stocks of a year earlier and 49 percent from the 5-year average October 31 stocks. Stocks of dry buttermilk, however, of 6,075,000 pounds were not only 35 percent larger than those of the same date last year, but were also 20 percent larger than the 5-year October 31 average.

Stocks of dry whole milk at the end of October totaled 19,614,000 pounds, 20 percent smaller than stocks reported the same date last year, but 78 percent larger than the 5-year average. All of the decrease in dry whole milk stocks was in spray-dried, for roller-dried whole milk stocks were 690 percent larger. However, dairies held less than 500,000 pounds of roller-dried whole milk in reserve on October 31 compared to stocks of spray-dried of 18,156,000 pounds.