
EVAPORATED, CONDENSED AND DRY MILK

OCTOBER 1970

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PRODUCTION

EVAPORATED AND CONDENSED MILK: Combined production of evaporated whole milk and sweetened condensed whole milk (case goods) in October 1970 is estimated at 87.1 million pounds by the Crop Reporting Board. This was 15 percent below a year earlier and 22 percent below October 1968. Production for the first ten months this year totaled 1,086.0 million pounds, down 16 percent from the same period in 1969 and 12 percent below 1968.

DRY MILK: Production of spray and roller process nonfat milk in October was 94.8 million pounds, 20 percent more than a year earlier, and 7 percent above October 1968. The January-October total was 1,323.0 million pounds, 5 percent above 1969 but 5 percent below this period in 1968. Dry whole milk production is estimated at 4.4 million pounds, 5 percent less than a year earlier and 33 percent below October 1968. Production in the first ten months of 1970 was 57.9 million pounds, 4 percent above 1969 but 16 percent below the same period in 1968.

October dry buttermilk output totaled 4.3 million pounds--10 percent less than a year earlier and 18 percent below October 1968. The January-October total of 50.6 million pounds was 12 percent below 1969 and 15 percent less than the comparable months in 1968.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' combined stocks of evaporated and sweetened condensed whole milk (case goods) on October 30 totaled 180.0 million pounds--19 percent above a year earlier and 10 percent above the close of October 1968.

Prices paid by condenseries to producers during October averaged \$4.70 per hundredweight for milk having an average milkfat content of 4.01 percent. This is equivalent to \$1.17 per pound of milkfat--down 1 cent from a month earlier but 3 cents above October 1969.

Condenseries reported 168 million pounds of whole milk purchased in October from about 20,000 producers. The average daily purchase per producer was 269 pounds compared with 219 pounds in October 1969.

October evaporated whole milk selling prices reported by manufacturers averaged \$8.12 per case of forty-eight 1 $\frac{1}{2}$ ounce cans, unchanged from the preceding month but 59 cents above October 1969.

DRY MILK: Manufacturers' stock of nonfat dry milk for human consumption on October 30, 1970 totaled 122.8 million pounds--14 percent above a year earlier and 44 percent more than two years earlier. Dry whole milk stocks were 6.6 million, down 2 percent from a year earlier and 28 percent less than at the end of October 1968. Dry buttermilk inventory, at 6.8 million pounds, was 130 percent more than a year earlier and 169 percent above two years earlier.

Shipments of spray and roller process nonfat dry milk for human food totaled 84.7 million pounds in October--down 7 percent from a year earlier and down 19 percent from October 1968. Dry whole milk shipments were 6.1 million pounds--an increase of 55 percent from a year earlier and 30 percent above October 1968. October shipments of dry buttermilk totaled 3.0 million pounds, 1 percent above 1969 but 13 percent below the same month in 1968.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 27.29 cents per pound in October, down 0.06 cent from September, but 3.64 cents more than a year earlier and 3.83 cents above October 1968. Prices for dry buttermilk (human food and animal feed) averaged 25.01 cents per pound, up 0.63 cent from the preceding month, up 1.70 cents from October 1969 and 2.12 cents above October 1968. Dry whole milk prices for all package and container sizes averaged 46.54 cents per pound, 0.26 cent less than a month earlier, but 1.47 cents more than October 1969. Over five pound packages, at 44.73 cents per pound in October, were down 0.21 cent from September, but 2.28 cents above a year earlier.

Table 1.--Evaporated, condensed, and dry milk: Production, shipments, and stocks
October 1970, with comparisons

Commodity	Production									
	October					January-October				
	1968	1969	1970 1/	1970 Change		1968	1969	1970 1/	1970 Change	
				from	1968: 1969				from	1968: 1969
1,000 pounds			Percent		1,000 pounds			Percent		
CANNED MILK (case goods)										
Evaporated and sweetened condensed whole 2/	111,453	102,346	87,100	-22	-15	1,236,713	1,296,800	1,086,000	-12	-16
DRY MILK:										
Whole	6,567	4,617	4,400	-33	-5	69,131	55,678	57,900	-16	+4
Nonfat (human food)										
Spray process	87,415	77,648	94,000	+8	+21	1,368,726	1,240,436	1,310,700	-4	+6
Roller process	1,400	1,372	790	-44	-42	21,298	17,718	12,310	-42	-31
Total	88,815	79,020	94,790	+7	+20	1,390,024	1,258,154	1,323,010	-5	+5
Skim (animal feed)	2,238	1,989	1,700	-24	-15	22,905	20,824	19,950	-13	-4
Buttermilk (total)	5,255	4,772	4,300	-18	-10	59,564	57,238	50,600	-15	-12
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Commodity	Shipments 3/					Stocks 4/				
	October					October				
	1968	1969	1970 1/	1970 Change		1968	1969	1970 1/	1970 Change	
				from	1968: 1969				from	1968: 1969
1,000 pounds			Percent		1,000 pounds			Percent		
CANNED MILK (case goods)										
Evaporated and sweetened condensed whole 2/	xxx	xxx	xxx	xxx	xxx	163,556	150,649	179,957	+10	+19
DRY MILK:										
Whole	4,733	3,974	6,144	+30	+55	9,074	6,729	6,566	-28	-2
Nonfat (human food)										
Spray process	5/102,946	5/90,291	5/84,081	-18	-7	84,156	105,773	121,125	+44	+15
Roller process	1,224	878	605	-51	-31	1,377	2,162	1,652	+20	-24
Total	104,170	91,169	84,686	-19	-7	85,533	107,935	122,777	+44	+14
Skim (animal feed)	1,109	925	737	-34	-20	878	2,471	2,639	+201	+7
Buttermilk (human food)	3,079	2,743	2,792	-9	+2	xxx	xxx	xxx	xxx	xxx
Buttermilk (total)	3,397	2,919	2,960	-13	+1	2,518	5,228	6,780	+169	+130

1/ Preliminary.

2/ Combined to avoid disclosing individual plant operations.

3/ Includes shipments for which prices were not reported.

4/ Reported stocks held by manufacturers at all points, including those in transit and contracted for but not delivered.

5/ Excludes retail size packages.

Table 2.--Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, October 1970 ^{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					
11-11½	-	-	1,700	-	1,050	-
12-12½	-	-	1,600	-	-	-
12½-13	-	-	-	-	1,050	-
13½-14	-	-	6,050	-	4,000	-
14-14½	-	-	55,950	-	-	-
14½-15	-	-	32,165	-	1,800	-
15-15½	-	-	10,257	-	4,725	-
15½-16	-	-	26,100	-	-	-
16-16½	-	-	114,565	-	-	-
16½-17	-	-	70,000	-	105,100	-
17-17½	-	-	65,253	-	-	-
18-18½	-	-	41,687	-	1,500	-
18½-19	-	-	10,700	-	-	-
19-19½	-	-	2,300	-	-	-
20-20½	-	-	2,650	-	-	-
21-21½	-	-	44,312	-	-	-
23-23½	1,476,805	-	-	-	-	-
23½-24	1,908,075	-	-	212,287	-	-
24-24½	-	171,204	-	252,400	-	-
24½-25	1,124,800	-	-	-	-	-
25-25½	-	-	-	382,100	-	-
25½-26	2,772,900	21,300	-	908,150	-	-
26-26½	1,380,750	147,900	-	173,400	-	-
26½-27	22,800,828	182,800	-	168,984	-	-
27-27½	13,721,038	32,750	-	74,100	-	-
27½-28	7,994,373	-	-	160,000	-	-
28-28½	5,499,586	-	-	-	-	-
28½-29	2,507,384	-	-	12,100	-	-
29-29½	1,213,047	-	-	-	-	-
29½-30	8,548,346	-	-	-	-	-
42½-43½	-	-	-	-	-	238,900
43½-44½	-	-	-	-	-	2,142,325
44½-45½	-	-	-	-	-	1,245,182
45½-46½	-	-	-	-	-	935,500
46½-47½	-	-	-	-	-	44,850
48½-49½	-	-	-	-	-	27,300
54½-55½	-	-	-	-	-	3,375
55½-56½	-	-	-	-	-	1,013,821

^{1/} Excludes shipments for which prices were not reported. For total reported see table 1.

^{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 3.--Dry milk: Manufacturers' average selling price per pound, f.o.b. plant, October 1970 with comparisons 1/

Commodity	October 1968	October 1969	September 1970	October 1970
C e n t s				
Nonfat Dry Milk <u>2/</u> :				
Spray process <u>3/</u>	23.47	23.66	27.35	27.30
Roller process	22.44	22.53	26.92	25.70
Spray and roller	23.46	23.65	27.35	27.29
Dry skim animal feed	18.07	16.19	15.84	16.59
Nonfat and dry skim	23.40	23.57	27.27	27.20
Dry Buttermilk:				
Human food	23.50	23.70	24.86	25.51
Animal feed	16.96	17.18	15.18	16.74
Human and animal	22.89	23.31	24.38	25.01
Dry Whole Milk:				
Pkgs. over 5 lbs. <u>4/</u>	41.29	42.45	44.94	44.73
Total <u>5/</u>	43.47	45.07	46.80	46.54

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 4.--Evaporated whole milk: Manufacturers' average selling price per case of 48 14½-oz. cans, in carlots, by geographic divisions, October 1970, with comparisons 1/

Geographic division	October 1969	September 1970	October 1970
D o l l a r s			
New England	7.58	8.18	8.17
Middle Atlantic	7.38	7.95	7.95
South Atlantic	7.52	8.22	8.21
East North Central	7.51	8.11	8.10
West North Central	7.55	8.18	8.17
South Central	7.56	8.19	8.18
North Western <u>2/</u>	7.88	8.37	8.36
South Western <u>3/</u>	7.43	7.95	7.96
United States	7.53	8.12	8.12

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 5.--Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, October 1970, with comparisons 1/

State and division	October 1969			September 1970			October 1970		
	Milk price per cwt.	Milkfat		Milk price per cwt.	Milkfat		Milk price per cwt.	Milkfat	
		Test	Price per pound		Test	Price per pound		Test	Price per pound
	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars
Ohio	4.42	3.92	1.13	4.26	3.68	1.16	4.38	3.84	1.14
Mich.	4.49	3.89	1.15	4.52	3.68	1.23	4.59	3.82	1.20
Tenn.	4.58	4.33	1.06	4.33	3.98	1.09	4.66	4.38	1.06
Calif.	4.48	3.75	1.19	4.62	3.72	1.24	4.68	3.76	1.24
N. Cent.	4.65	3.92	1.19	4.58	3.73	1.23	4.70	3.89	1.21
S. Atl. <u>2/</u>	4.63	4.27	1.08	4.46	4.02	1.11	4.62	4.27	1.08
S. Cent.	4.59	4.22	1.09	4.38	3.91	1.12	4.70	4.22	1.11
West <u>2/</u>	4.48	3.73	1.20	4.65	3.67	1.27	4.71	3.73	1.26
U. S. <u>2/</u>	4.60	4.02	1.14	4.50	3.82	1.18	4.70	4.01	1.17

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

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

Table 6.--Milk bought by condenseries: Quantity bought, and number of producers, October 1970, with comparisons 1/

Item		October 1968	October 1969 <u>2/</u>	October 1970
Milk bought from producers	pounds	215,091,000	177,433,000	168,192,000
Producers	number	28,000	26,000	20,000
Average per producer per day	pounds	246.8	219.0	268.8
Change in purchases per producer:				
1970 from 1969	percent	XXXXX	XXXXX	+ 23.0
1970 from 1968	percent	XXXXX	XXXXX	+ 9.0

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.

Table 7.--USDA Nonfat Dry Milk Purchases as Reported by ASCS

- Delivery basis -

Nonfat dry milk	October 1970	Cumulative	
		April 1, 1969- October 31, 1969	April 1, 1970- October 31, 1970
Million pounds			
Purchases	33.2	237.5	307.7

Uncommitted inventories on November 13, 1970 totaled 14.8 million pounds.

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