

EVAPORATED, CONDENSED AND DRY MILK

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PRODUCTION

EVAPORATED AND CONDENSED MILK: Combined production of evaporated whole milk and sweetened condensed whole milk (case goods) in November 1970 is estimated at 74.8 million pounds by the Crop Reporting Board. This was 16 percent below a year earlier and 22 percent below November 1968. Production for the first 11 months this year totaled 1,160.8 million pounds, down 16 percent from the same period in 1969 and 13 percent below 1968.

DRY MILK: Production of spray and roller process nonfat milk in November was 88.5 million pounds, 23 percent more than a year earlier, but 1 percent below November 1968. The January-November total was 1,411.5 million pounds, 6 percent above 1969 but 5 percent below this period in 1968. Dry whole milk production is estimated at 4.3 million pounds, 18 percent less than a year earlier and 21 percent below November 1968. Production in the first 11 months of 1970 was 62.2 million pounds, 2 percent above 1969 but 17 percent below the same period in 1968.

November dry buttermilk output totaled 4.1 million pounds -- 6 percent above a year earlier but 20 percent below November 1968. The January-November total of 54.7 million pounds was 11 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 November 30 totaled 147.5 million pounds--27 percent above a year earlier and 16 percent above the close of November 1968.

Prices paid by condenseries to producers during November averaged \$4.75 per hundredweight for milk having an average milkfat content of 4.07 percent. This is equivalent to \$1.17 per pound of milkfat--the same as a month earlier but 2 cents above November 1969.

Condenseries reported 142 million pounds whole milk purchased in November from about 19,000 producers. The average daily purchase per producer was 249 pounds compared with 196 pounds in November 1969.

November evaporated whole milk selling prices reported by manufacturers averaged \$8.13 per case of forty-eight 14½ ounce cans, up 1 cent from the preceding month and 54 cents above November 1969.

DRY MILK: Manufacturers' stocks of nonfat dry milk for human consumption on November 30 totaled 101.7 million pounds--13 percent above a year earlier and 36 percent more than two years earlier. Dry whole milk stocks were 4.7 million, down 16 percent from a year earlier and 40 percent less than at the end of November 1968. Dry buttermilk inventory, at 6.6 million pounds, was 33 percent more than a year earlier and 132 percent above two years earlier.

Shipments of spray and roller process nonfat dry milk for human food totaled 86.0 million pounds in November--up 10 percent from a year earlier but down 6 percent from November 1968. Dry whole milk shipments were 6.4 million pounds--an increase of 27 percent from a year earlier and 39 percent above November 1968. November shipments of dry buttermilk totaled 2.9 million pounds, 33 percent above 1969 but 7 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 November, the same as in October, but 3.73 cents more than a year earlier and 3.95 cents above November 1968. Prices for dry buttermilk (human food and animal feed) averaged 24.79 cents per pound, down 0.22 cent from the preceding month, but 1.65 cents above a year earlier and 1.64 cents above November 1968. Dry whole milk prices for all package and container sizes averaged 46.91 cents per pound, 0.37 cent above a month earlier but 3.22 cents more than November 1969. Over-five-pound packages, at 45.23 cents per pound in November, were up 0.50 cent from October, and 3.58 cents above a year earlier.

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

Commodity	Production											
	November					January-November						
	1968	1969	1970 <u>1/</u>	:1970 Change:		1968	1969	1970 <u>1/</u>	:1970 Change:			
				from	1968				from	1968		
				1968	1969			1968	1969			
	1,000 pounds				Percent		1,000 pounds				Percent	
CANNED MILK (case goods):												
Evaporated and sweetened condensed whole <u>2/</u>	96,253	89,485	74,800	-22	-16	1,332,966	1,386,285	1,160,800	-13	-16		
DRY MILK:												
Whole	5,418	5,239	4,300	-21	-18	74,549	60,917	62,200	-17	+2		
Nonfat (human food)												
Spray process	87,927	70,739	87,700	0	+24	1,456,653	1,311,175	1,398,400	-4	+7		
Roller process	1,429	1,246	800	-44	-36	22,727	18,964	13,110	-42	-31		
Total	89,356	71,985	88,500	-1	+23	1,479,380	1,330,139	1,411,510	-5	+6		
Skim (animal feed)	1,982	1,735	1,500	-24	-14	24,887	22,559	21,450	-14	-5		
Buttermilk (total)	5,149	3,884	4,100	-20	+6	64,713	61,122	54,700	-15	-11		
Commodity	Shipments <u>3/</u>					Stocks <u>4/</u>						
	November					November						
	1968	1969	1970 <u>1/</u>	:1970 Change:		1968	1969	1970 <u>1/</u>	:1970 Change:			
				from	1968				from	1968		
				1968	1969			1968	1969			
	1,000 pounds				Percent		1,000 pounds				Percent	
CANNED MILK (case goods):												
Evaporated and sweetened condensed whole <u>2/</u>	xxx	xxx	xxx	xxx	xxx	127,062	115,761	147,508	+16	+27		
DRY MILK:												
Whole	4,587	4,997	6,353	+39	+27	7,933	5,652	4,725	-40	-16		
Nonfat (human food)												
Spray process	<u>5/90</u> ,844	<u>5/76</u> ,719	<u>5/85</u> ,480	-6	+11	73,625	88,206	100,105	+36	+13		
Roller process	993	1,133	516	-48	-54	1,227	1,957	1,546	+26	-21		
Total	91,837	77,856	85,996	-6	+10	74,852	90,163	101,651	+36	+13		
Skim (animal feed)	808	880	670	-17	-24	936	2,476	2,598	+178	+5		
Buttermilk (human food)	2,895	1,980	2,577	-11	+30	xxx	xxx	xxx	xxx	xxx		
Buttermilk (total)	3,148	2,182	2,912	-7	+33	2,831	4,948	6,577	+132	+33		

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, November 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					
12½-13						103,300
13½-14			8,385			3,400
14-14½						9,900
15-15½			14,253			49,400
15½-16			40,551			
16½-17			110,150			
17-17½			80,676			24,000
18-18½			10,642			
18½-19						1,500
19-19½						80,000
20-20½			39,565			
21-21½			5,000			
23-23½	1,377,860					
23½-24	707,050			73,750		
24-24½		188,800		138,350		
24½-25	705,450					
25-25½				43,500		
25½-26	3,443,479			503,300		
26-26½	745,350	17,000		505,395		
26½-27	16,801,193	213,700		14,500		
27-27½	15,687,018	15,100		56,600		
27½-28	8,075,925			170,000		
28-28½	2,855,488					
28½-29	9,966,445					
29-29½	1,617,936	34,200		59,900		
29½-30	676,475					
30-30½	75,150			4,800		
30½-31				2,220		
42½-43½						156,000
43½-44½						1,277,850
44½-45½						248,400
45½-46½						1,988,151
46½-47½						447,200
47½-48½						112,400
53½-54½						1,152,968

- 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, November 1970 with comparisons ^{1/}

Commodity	November 1968	November 1969	October 1970	November 1970
	C e n t s			
Nonfat Dry Milk ^{2/} :				
Spray process ^{3/}	23.35	23.57	27.30	27.30
Roller process	22.20	23.12	25.70	25.79
Spray and roller	23.34	23.56	27.29	27.29
Dry skim animal feed	18.45	16.12	16.59	17.04
Nonfat and dry skim	23.30	23.48	27.20	27.21
Dry Buttermilk:				
Human food	23.72	23.80	25.51	26.00
Animal feed	16.59	16.70	16.74	15.45
Human and animal	23.15	23.14	25.01	24.79
Dry Whole Milk:				
Pkgs. over 5 lbs. ^{4/}	41.63	41.65	44.73	45.23
Total ^{5/}	43.61	43.69	46.54	46.91

^{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 1½-oz. cans, in carlots, by geographic divisions, November 1970, with comparisons ^{1/}

Geographic division	November 1969	October 1970	November 1970
	D o l l a r s		
New England	7.67	8.17	8.18
Middle Atlantic	7.45	7.95	7.98
South Atlantic	7.60	8.21	8.22
East North Central	7.58	8.10	8.11
West North Central	7.60	8.17	8.19
South Central	7.61	8.18	8.20
North Western ^{2/}	7.95	8.36	8.38
South Western ^{3/}	7.45	7.96	7.97
United States	7.59	8.12	8.13

^{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, November 1970, with comparisons 1/

State and division	November 1969			October 1970			November 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	4.50	4.01	1.12	4.38	3.84	1.14	4.42	3.98	1.11
Mich.	4.59	3.93	1.17	4.59	3.82	1.20	4.71	3.94	1.20
Tenn.	4.66	4.40	1.06	4.66	4.38	1.06	4.65	4.40	1.06
Calif.	4.46	3.85	1.16	4.68	3.76	1.24	4.74	3.82	1.24
N. Cent.	4.74	3.97	1.19	4.70	3.89	1.21	4.77	3.99	1.20
S. Atl. 2/	4.72	4.38	1.08	4.62	4.27	1.08	4.82	4.45	1.08
S. Cent.	4.70	4.29	1.10	4.70	4.22	1.11	4.67	4.25	1.10
West 2/	4.49	3.82	1.18	4.71	3.73	1.26	4.79	3.80	1.26
U. S. 2/	4.68	4.08	1.15	4.70	4.01	1.17	4.75	4.07	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, November 1970 with comparisons 1/

Item		November 1968	November 1969 <u>2/</u>	November 1970
Milk bought from producers	pounds	180,866,000	149,756,000	142,382,000
Producers	number	27,000	25,000	19,000
Average per producer per day	pounds	227.1	195.9	249.4
Change in purchases per producer:				
1970 from 1969	percent	XXXXX	XXXXX	+ 27.0
1970 from 1968	percent	XXXXX	XXXXX	+ 10.0

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 of 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	November 1970	Cumulative	
		April 1, 1969- November 30, 1969	April 1, 1970- November 30, 1970
Million pounds			
Purchases	27.9	252.1	335.5

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