

EVAPORATED, CONDENSED AND DRY MILK

SEPTEMBER 1970

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PRODUCTION

EVAPORATED AND CONDENSED MILK: Combined production of evaporated whole milk and sweetened condensed whole milk (case goods) in September 1970 is estimated at 88.9 million pounds by the Crop Reporting Board. This was 19 percent below a year earlier and 22 percent below September 1968. Production the first nine months this year totaled 998.9 million pounds, down 16 percent from the same period in 1969 and 11 percent below 1968.

DRY MILK: Production of spray and roller process nonfat dry milk in September was 96.0 million pounds, 15 percent more than a year earlier, and 7 percent above September 1968. The January-September total was 1,228.2 million pounds, 4 percent above 1969 but 6 percent below this period in 1968. Dry whole milk production is estimated at 4.7 million pounds, 5 percent above a year earlier but 10 percent below September 1968. Production in the first nine months of 1970 was 53.5 million pounds, 5 percent above 1969 but 14 percent below the same period in 1968.

September dry buttermilk output totaled 3.6 million pounds -- 9 percent less than a year earlier and 21 percent below September 1968. The January-September total of 46.3 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 September 30 totaled 187.4 million pounds -- 5 percent below a year earlier and 4 percent below the close of September 1968.

Prices paid by condenseries to producers during September averaged \$4.50 per hundredweight for milk having an average milkfat content of 3.82 percent. This is equivalent to \$1.18 per pound of milkfat -- down 2 cents from a month earlier but 4 cents above September 1969.

Condenseries reported 180 million pounds of whole milk purchased in September from about 20,000 producers. The average daily purchase per producer was 296 pounds compared with 251 pounds in September 1969.

September evaporated whole milk selling prices reported by manufacturers averaged \$8.12 per case of forty-eight 14½ ounce cans. This is 6 cents more than the preceding month and 61 cents above September 1969.

DRY MILK: Manufacturers' stocks of nonfat dry milk for human consumption on September 30, 1970 totaled 144.8 million pounds -- 11 percent above a year earlier and 36 percent more than two years earlier. Dry whole milk stocks were 8.6 million, up 21 percent from a year earlier and 2 percent more than at the end of September 1968. Dry buttermilk inventory, at 7.3 million pounds, was 25 percent more than a year earlier and triple that of two years earlier.

Shipments of spray and roller process nonfat dry milk for human food totaled 94.0 million pounds in September -- down 1 percent from a year earlier and down 10 percent from September 1968. Dry whole milk shipments were 5.4 million pounds -- an increase of 7 percent from a year earlier but 3 percent below September 1968. September shipments of dry buttermilk totaled 3.4 million pounds, 14 percent above 1969 and 1 percent above the same month in 1968.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 27.35 cents per pound in September, up 0.22 cent from August, up 3.79 cents from a year earlier and 3.99 cents above September 1968. Prices for dry buttermilk (human food and animal feed) averaged 24.38 cents per pound, down 0.75 cent from the preceding month but 0.92 cent above September 1969 and 1.55 cents above September 1968. Dry whole milk prices for all package and container sizes averaged 46.80 cents per pound, 1.74 cents more than a month earlier and 3.11 cents more than September 1969. Over five pound packages, at 44.94 cents per pound in September, were up 0.51 cent from August and 3.84 cents above a year earlier.

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

Commodity	Production									
	September					January-September				
	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/	113,857	109,754	88,900	-22	-19	1,125,260	1,194,454	998,900	-11	-16
DRY MILK:										
Whole	5,197	4,469	4,700	-10	+5	62,564	51,061	53,500	-14	+5
Nonfat (human food)										
Spray process	87,866	81,719	95,000	+8	+16	1,281,311	1,162,788	1,216,700	-5	+5
Roller process	1,535	1,388	950	-38	-32	19,898	16,346	11,520	-42	-30
Total	89,401	83,107	95,950	+7	+15	1,301,209	1,179,134	1,228,220	-6	+4
Skim (animal feed)	2,242	1,765	1,550	-31	-12	20,667	18,835	18,250	-12	-3
Buttermilk (total)	4,561	3,967	3,600	-21	-9	54,309	52,466	46,300	-15	-12
Shipments 3/										
Stocks 4/										
Commodity	September					September				
	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	194,676	197,564	187,427	-4	-5
DRY MILK:										
Whole	5,510	4,996	5,353	-3	+7	8,437	7,137	8,633	+2	+21
Nonfat (human food)										
Spray process	5/103,277	5/94,204	5/93,332	-10	-1	104,536	128,350	142,899	+37	+11
Roller process	1,147	1,059	639	-44	-40	1,781	2,179	1,876	+5	-14
Total	104,424	95,263	93,971	-10	-1	106,317	130,529	144,775	+36	+11
Skim (animal feed)	829	552	659	-21	+19	1,199	2,846	2,873	+140	+1
Buttermilk (human food)	3,110	2,839	3,259	+5	+15	xxx	xxx	xxx	xxx	xxx
Buttermilk (total)	3,385	3,008	3,430	+1	+14	2,445	5,858	7,345	+200	+25

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, September 1970 1/

Price per pound <u>2/</u>	Nonfat dry milk, human food (Bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk <u>4/</u>
	Spray process <u>3/</u>	Roller process		Human food	Animal feed	
Cents	Pounds					
9-9½	-	-	1,330	-	-	-
10-10½	-	-	8,700	-	-	-
11-11½	-	-	9,500	-	-	-
12-12½	-	-	16,885	-	-	-
12½-13	-	-	-	-	24,150	-
13½-14	-	-	20,971	-	3,400	-
14-14½	-	-	54,350	-	-	-
14½-15	-	-	18,870	-	-	-
15-15½	-	-	9,630	-	-	-
15½-16	-	-	15,800	-	12,000	-
16-16½	-	-	234,788	-	4,550	-
16½-17	-	-	21,755	-	30,000	-
17-17½	-	-	18,547	-	13,000	-
17½-18	-	-	9,550	-	-	-
18-18½	-	-	4,080	-	-	-
18½-19	-	-	2,388	-	-	-
19-19½	-	-	2,500	-	-	-
21-21½	-	-	1,050	-	-	-
22-22½	-	-	1,100	-	-	-
23-23½	1,663,860	-	12,000	-	-	-
23½-24	1,201,175	-	-	120,745	-	-
24-24½	-	-	-	139,200	-	-
24½-25	882,250	-	-	-	-	-
25-25½	-	-	-	741,500	-	-
25½-26	5,294,780	-	-	638,400	-	-
26-26½	2,954,346	-	-	499,400	-	-
26½-27	22,139,783	289,950	-	128,500	-	-
27-27½	10,518,129	59,600	-	65,150	-	-
27½-28	8,085,777	2,600	-	59,500	-	-
28-28½	6,517,572	-	-	-	-	-
28½-29	2,846,958	-	-	-	-	-
29-29½	1,175,229	-	-	41,842	-	-
29½-30	9,320,491	-	-	10,200	-	-
30-30½	8,950	-	-	5,900	-	-
32-32½	741,060	-	-	-	-	-
42½-43½	-	-	-	-	-	159,700
43½-44½	-	-	-	-	-	1,262,300
44½-45½	-	-	-	-	-	1,063,945
45½-46½	-	-	-	-	-	1,333,300
47½-48½	-	-	-	-	-	33,650
54½-55½	-	-	-	-	-	980,839

- 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, September 1970 with comparisons 1/

Commodity	September 1968	September 1969	August 1970	September 1970
Cents				
Nonfat Dry Milk <u>2/</u> :				
Spray process <u>3/</u>	23.37	23.57	27.13	27.35
Roller process	22.60	22.69	26.88	26.92
Spray and roller	23.36	23.56	27.13	27.35
Dry skim animal feed	17.01	17.21	15.84	15.84
Nonfat and dry skim	23.31	23.53	27.05	27.27
Dry Buttermilk:				
Human food	23.46	23.85	25.62	24.86
Animal feed	15.74	16.91	17.18	15.18
Human and animal	22.83	23.46	25.13	24.38
Dry Whole Milk:				
Pkgs. over 5 lbs. <u>4/</u>	40.83	41.10	44.43	44.94
Total <u>5/</u>	43.22	43.69	45.06	46.80

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, September 1970, with comparisons 1/

Geographic division	September 1969	August 1970	September 1970
Dollars			
New England	7.56	8.13	8.18
Middle Atlantic	7.35	7.91	7.95
South Atlantic	7.50	8.17	8.22
East North Central	7.49	8.06	8.11
West North Central	7.53	8.12	8.18
South Central	7.54	8.13	8.19
North Western <u>2/</u>	7.88	8.31	8.37
South Western <u>3/</u>	7.41	7.87	7.95
United States	7.51	8.06	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, September 1970, with comparisons 1/

State and division	September 1969			August 1970			September 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	4.28	3.75	1.14	4.22	3.64	1.16	4.26	3.68	1.16
Mich.	4.36	3.71	1.18	4.44	3.54	1.25	4.52	3.68	1.23
Tenn.	4.33	4.09	1.06	4.25	3.86	1.10	4.33	3.98	1.09
Calif.	4.42	3.67	1.20	4.67	3.65	1.28	4.62	3.72	1.24
N. Cent.	4.47	3.75	1.19	4.47	3.59	1.25	4.58	3.73	1.23
S. Atl. <u>2/</u>	4.41	4.09	1.08	4.35	3.91	1.11	4.46	4.02	1.11
S. Cent.	4.36	4.01	1.09	4.32	3.77	1.15	4.38	3.91	1.12
West <u>2/</u>	4.39	3.63	1.21	4.58	3.57	1.28	4.65	3.67	1.27
U. S. <u>2/</u>	4.41	3.86	1.14	4.42	3.69	1.20	4.50	3.82	1.18

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, September 1970, with comparisons 1/

Item	September 1968	September 1969 <u>2/</u>	September 1970
Milk bought from producers pounds	231,859,000	197,884,000	180,391,000
Producers number	30,000	26,000	20,000
Average per producer per day ... pounds	261.0	250.8	296.3
Change in purchases per producer:			
1970 from 1969 percent	xxxxx	xxxxx	+ 18.0
1970 from 1968 percent	xxxxx	xxxxx	+ 14.0

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	September 1970	Cumulative	
		April 1, 1969- September 30, 1969	April 1, 1970- September 30, 1970
<u>Million pounds</u>			
Purchases	35.9	225.0	274.5

Uncommitted inventories on October 16, 1970 totaled 21.9 million pounds.

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