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# EVAPORATED, CONDENSED AND DRY MILK

DECEMBER 1969

Release:  
January 29, 1970  
3:00 P.M. EST

## PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production for the year 1969 is estimated at 1.4 billion pounds by the Crop Reporting Board. This is 3 percent more than for 1968 but 6 percent less than the 1967 production. December production was 107.0 million pounds, 3 percent less than a year earlier but 18 percent more than December 1967.

Output of canned sweetened condensed whole milk in 1969 is estimated at 80.1 million pounds, 8 percent below 1968 but 24 percent above 1967. December production is placed at 5.3 million pounds, 18 percent above a year earlier but 31 percent below December 1967.

DRY MILK: Annual production of spray and roller process nonfat dry milk for 1969 totaled almost 1.5 billion pounds--a decrease of 10 percent from 1968 and 14 percent below 1967. December output of 99.2 million pounds was 15 percent less than a year earlier and 17 percent below December 1967.

The 1969 annual output of dry whole milk was 74.8 million pounds, 21 percent below the previous year but 1 percent above the 1967 production. The December estimate of 5.8 million pounds was down 20 percent from a year earlier and 3 percent below December 1967.

Dry buttermilk produced in 1969 totaled 66.4 million pounds, 6 percent less than in 1968 and 9 percent less than the 1967 output. December production of 5.7 million pounds was little changed from a year earlier but 6 percent above 1967.

## STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' evaporated whole milk stocks at the end of December were 105 million pounds--6 percent more than a year earlier but 45 percent less than on December 31, 1967. Holdings of canned sweetened condensed whole milk, at 1.9 million pounds, were 12 percent below December 31, 1968 and 68 percent below stocks at the end of 1967.

Prices paid by condenseries to producers during December averaged \$4.70 per hundredweight for milk having an average milkfat content of 4.05 percent. This was equivalent to \$1.16 per pound of milkfat--up 2 cents from November and 6 cents above December 1968.

Condenseries reported 145 million pounds of whole milk purchased in December from about 24,000 producers. The average daily purchase per producer was 193 pounds compared with 208 pounds for December 1968.

December evaporated whole milk selling prices reported by manufacturers averaged \$7.62 per case of forty-eight  $14\frac{1}{2}$  oz. cans--up 3 cents from a month earlier and 26 cents above December 1968.

DRY MILK: Manufacturers' stocks of nonfat dry milk for human consumption on December 31, 1969 totaled 85 million pounds--8 percent more than a year earlier but 13 percent less than at the close of 1967. Dry whole milk stocks were 5.7 million pounds, down 25 percent from a year earlier and 7 percent from December 31, 1967. Dry buttermilk inventory, at 5.0 million pounds, was 53 percent more than December 31, 1968 but 10 percent less than on this date in 1967.

Shipments in December of spray and roller process nonfat dry milk for human food totaled 79.2 million pounds--down 20 percent from a year earlier and 27 percent below December 1967. Spray-dried nonfat movement alone was 78.4 million pounds. Dry whole milk shipments were 4.6 million pounds--a decrease of 4 percent from December a year earlier and 7 percent below 1967. Shipments of dry buttermilk in December totaled nearly 3.5 million pounds, 8 percent more than year earlier but 7 percent less than in December 1967.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 23.50 cents per pound in December, down 0.2 cent from November, but 0.1 cent higher than a year earlier and 3.6 cents above December 1967. Dry buttermilk prices (human food and animal feed combined) averaged 23.20 cents per pound, down 0.4 cent from the preceding month but 0.2 cent above a year earlier. Dry whole milk in all package and container sizes averaged 45.52 cents per pound, 1.8 cent more than a month earlier but 1.8 cent less than in December 1968. Over five pound packages were 0.9 cent per pound above November and 0.7 cent above a year earlier.

Table 1.--Evaporated, condensed, and dry milk: Production, shipments, and stocks, December 1969, with comparisons

Commodity	PRODUCTION									
	December					January-December				
	1967	1968	1969 1/	1969 Change from		1967	1968	1969 1/	1969 Change from	
				1967	1968				1967	1968
- 1,000 lbs. -		Percent		- 1,000 lbs. -		Percent				
<b>CANNED MILK (case goods):</b>										
Evaporated whole .....	91,030	109,923	107,000	+18	- 3	1,493,166	1,359,958	1,405,500	- 6	+ 3
Sweetened condensed whole .....	7,681	4,497	5,300	-31	+18	64,376	87,428	80,100	+24	- 8
<b>DRY MILK:</b>										
Whole .....	5,989	7,286	5,800	- 3	-20	74,348	94,184	74,800	+ 1	-21
Nonfat (human food)										
Spray process .....	117,296	114,465	98,000	-16	-14	1,644,909	1,580,053	1,427,000	-13	-10
Roller process .....	1,742	1,635	1,200	-31	-27	33,741	24,362	23,840	-29	- 2
Total .....	119,038	116,100	99,200	-17	-15	1,678,650	1,604,415	1,450,840	-14	-10
Skim (animal feed) .....	2,201	2,110	2,200	0	+ 4	30,329	26,997	25,400	-16	- 6
Buttermilk (total) .....	5,362	5,675	5,700	+ 6	0	72,631	70,388	66,400	- 9	- 6
Commodity	SHIPMENTS 2/					STOCKS 3/				
	December					December 31				
	1967	1968	1969 1/	1969 Change from		1967	1968	1969 1/	1969 Change from	
				1967	1968				1967	1968
- 1,000 lbs. -		Percent		- 1,000 lbs. -		Percent				
<b>CANNED MILK (case goods):</b>										
Evaporated whole .....	xxx	xxx	xxx	xxx	xxx	190,246	99,138	104,996	-45	+ 6
Sweetened condensed whole .....	xxx	xxx	xxx	xxx	xxx	5,780	2,122	1,858	-68	-12
<b>DRY MILK:</b>										
Whole .....	4,928	4,748	4,571	- 7	- 4	6,116	7,563	5,688	- 7	-25
Nonfat (human food)										
Spray process .....	107,957	197,963	178,398	-27	-20	96,498	77,674	83,603	-13	+ 8
Roller process .....	1,050	896	826	-21	- 8	2,157	1,373	1,776	-18	+29
Total .....	109,007	98,859	79,224	-27	-20	98,655	79,047	85,379	-13	+ 8
Skim (animal feed) .....	1,257	414	531	-58	+28	1,449	1,207	2,463	+70	+104
Buttermilk (human food) .....	3,475	2,897	3,238	- 7	+12	xxx	xxx	xxx	xxx	xxx
Buttermilk (total) .....	3,728	3,197	3,459	- 7	+ 8	5,569	3,283	5,026	-10	+53

1/ Preliminary.

2/ Includes shipments for which prices were not reported.

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

4/ Excludes retail size packages.

Table 2.--Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, December 1969 <sup>1/</sup>

Price per pound <sup>2/</sup>	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk <sup>4/</sup>
	Spray process <sup>3/</sup>	Roller process		Human food	Animal feed	
Cents	Pounds					
10-10 $\frac{1}{2}$	-	-	39,026	-	-	-
11-11 $\frac{1}{2}$	-	-	1,344	-	-	-
14-14 $\frac{1}{2}$	-	-	26,450	-	-	-
14 $\frac{1}{2}$ -15	-	-	1,250	-	-	-
15-15 $\frac{1}{2}$	-	-	4,672	-	-	-
15 $\frac{1}{2}$ -16	-	-	9,550	-	-	-
16-16 $\frac{1}{2}$	-	-	1,300	-	3,250	-
16 $\frac{1}{2}$ -17	-	-	226,300	-	77,400	-
17-17 $\frac{1}{2}$	-	-	8,717	-	77,050	-
17 $\frac{1}{2}$ -18	-	-	47,370	-	-	-
18-18 $\frac{1}{2}$	-	-	18,601	-	-	-
18 $\frac{1}{2}$ -19	-	-	2,100	-	-	-
19-19 $\frac{1}{2}$	1,172,500	-	3,225	-	-	-
19 $\frac{1}{2}$ -20	1,671,005	-	-	-	-	-
20-20 $\frac{1}{2}$	-	130,911	15,025	-	2,388	-
20 $\frac{1}{2}$ -21	192,450	-	-	-	-	-
21-21 $\frac{1}{2}$	-	-	-	43,900	-	-
21 $\frac{1}{2}$ -22	-	-	-	-	6,250	-
22-22 $\frac{1}{2}$	1,305,747	-	-	33,500	-	-
22 $\frac{1}{2}$ -23	7,157,878	-	-	-	-	-
23-23 $\frac{1}{2}$	16,449,244	512,250	1,300	841,705	-	-
23 $\frac{1}{2}$ -24	22,132,333	-	-	668,963	-	-
24-24 $\frac{1}{2}$	8,362,951	-	-	260,800	-	-
24 $\frac{1}{2}$ -25	3,019,556	-	-	132,700	-	-
25-25 $\frac{1}{2}$	2,713,306	-	-	43,150	-	-
25 $\frac{1}{2}$ -26	2,375,305	48,600	-	47,656	-	-
26-26 $\frac{1}{2}$	5,350	-	-	62,600	-	-
26 $\frac{1}{2}$ -27	-	-	-	6,900	-	-
27-27 $\frac{1}{2}$	-	50,100	-	-	-	-
27 $\frac{1}{2}$ -28	-	-	-	-	-	-
28-28 $\frac{1}{2}$	236,561	-	-	-	-	-
29-29 $\frac{1}{2}$	12,500	-	-	-	-	-
38 $\frac{1}{2}$ -39 $\frac{1}{2}$	-	-	-	-	-	342,400
39 $\frac{1}{2}$ -40 $\frac{1}{2}$	-	-	-	-	-	754,250
40 $\frac{1}{2}$ -41 $\frac{1}{2}$	-	-	-	-	-	852,600
41 $\frac{1}{2}$ -42 $\frac{1}{2}$	-	-	-	-	-	1,076,739
42 $\frac{1}{2}$ -43 $\frac{1}{2}$	-	-	-	-	-	219,300
44 $\frac{1}{2}$ -45 $\frac{1}{2}$	-	-	-	-	-	45,100
47 $\frac{1}{2}$ -48 $\frac{1}{2}$	-	-	-	-	-	1,000
49 $\frac{1}{2}$ -50 $\frac{1}{2}$	-	-	-	-	-	126,875
51 $\frac{1}{2}$ -52 $\frac{1}{2}$	-	-	-	-	-	19,645
52 $\frac{1}{2}$ -53 $\frac{1}{2}$	-	-	-	-	-	388,990
63 $\frac{1}{2}$ -64 $\frac{1}{2}$	-	-	-	-	-	250,374
71 $\frac{1}{2}$ -72 $\frac{1}{2}$	-	-	-	-	-	271,659

<sup>1/</sup> Excludes shipments for which prices were not reported. For total reported see table 6.

<sup>2/</sup> Classified according to average monthly prices reported by firms.

<sup>3/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.

<sup>4/</sup> Includes some dry whole milk in special packages for export.

Table 3.--Dry milk: Manufacturers' average selling price per pound f.o.b. plant, December 1969, with comparisons 1/

Commodity	December 1967	December 1968	November 1969	December 1969
	----- Cents -----			
Nonfat Dry Milk 2/				
Spray process 3/	19.86	23.43	23.70	23.51
Roller process	19.39	22.47	23.12	22.98
Spray and roller	19.86	23.42	23.69	23.50
Dry skim animal feed	14.35	18.27	16.00	16.27
Nonfat and dry skim	19.79	23.40	23.60	23.46
Dry Buttermilk:				
Human food	18.12	23.58	23.90	23.63
Animal feed	13.55	17.06	20.37	16.98
Human and animal	17.81	22.96	23.55	23.20
Dry Whole Milk:				
Pkgs. over 5 lbs. 4/	40.02	41.93	41.68	42.62
Total 5/	41.12	47.35	43.73	45.52

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, December 1969, with comparisons 1/

Geographic division	December 1968	November 1969	December 1969
	----- Dollars -----		
New England	7.44	4/7.67	7.69
Middle Atlantic	7.25	4/7.45	7.45
South Atlantic	7.38	4/7.60	7.62
East North Central	7.25	4/7.58	7.60
West North Central	7.27	4/7.60	7.62
South Central	7.42	4/7.61	7.63
North Western 2/	7.79	7.95	7.96
South Western 3/	7.29	4/7.45	7.53
United States	7.36	4/7.59	7.62

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.

4/ Revised.

Table 5.--Milk bought by condenseries primarily for evaporated milk:  
Average price and fat test, by States, December 1969 with comparisons 1/

State and division	December 1968 2/			November 1969 3/			December 1969 3/		
	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
Va. ....	4.42	4.37	1.01	4.64	4.28	1.08	4.68	4.29	1.09
S. Atl. 4/ ..	4.55	4.43	1.03	4.71	4.38	1.08	4.76	4.38	1.09
Ohio .....	4.41	4.07	1.08	4.50	4.01	1.12	4.56	4.08	1.12
Mich. ....	4.41	3.92	1.12	4.59	3.93	1.17	4.60	3.94	1.17
Wis. ....	4.66	3.79	1.23	5.02	3.85	1.30	5.11	3.82	1.34
E. N. C. 4/	4.52	3.95	1.14	4.71	3.94	1.20	4.78	3.95	1.21
Mo. ....	4.42	4.10	1.08	4.78	4.06	1.18	4.78	4.03	1.19
W. N. C. 4/	4.42	4.08	1.08	4.78	4.06	1.18	4.78	4.03	1.19
Ky. ....	4.40	4.27	1.03	4.63	4.29	1.08	4.62	4.22	1.09
Tenn. ....	4.45	4.36	1.02	4.67	4.43	1.05	4.64	4.32	1.07
Miss. ....	4.64	4.58	1.01	4.97	4.67	1.06	4.82	4.52	1.07
Ark. ....	4.37	3.99	1.10	4.78	3.92	1.22	4.72	3.82	1.24
S. Cent. ....	4.43	4.27	1.04	4.70	4.30	1.09	4.66	4.19	1.11
Calif. ....	4.54	3.90	1.16	4.46	3.85	1.16	4.54	3.90	1.16
S. W. 4/ ....	4.52	3.91	1.16	4.46	3.85	1.16	4.53	3.91	1.16
U. S. 4/ ....	4.48	4.08	1.10	4.67	4.08	1.14	4.70	4.05	1.16

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.

Table 6.--Milk bought by condenseries: Quantity bought, and number of producers, December 1969 with comparisons 1/

Item	December 1967	December 1968 <u>2/</u>	December 1969
Milk bought from producers..... pounds	197,572,000	177,199,000	145,443,000
Producers .....	35,000	27,000	24,000
Average per producer per day .... pounds	183.4	208.0	192.8
Change in purchases per producer:			
1969 from 1968 .....	xxxx	xxxx	-7.3
1969 from 1967 .....	xxxx	xxxx	+5.1

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	December 1969	Cumulative	
		April 1, 1968- December 31, 1968	April 1, 1969- December 31, 1969
Purchases .....	22.9	423.7	275.0

----- Million pounds -----

Uncommitted inventories on January 16, 1970 totaled 126.4 million pounds.

UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL REPORTING SERVICE  
WASHINGTON, D. C. 20250

OFFICIAL BUSINESS

