

# evaporated, condensed and dry milk



February 1971

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## PRODUCTION

EVAPORATED AND CONDENSED MILK: Combined production of evaporated whole milk and sweetened condensed whole milk (case goods) in February 1971 is estimated at 90.4 million pounds by the Crop Reporting Board. This was 6 percent below a year earlier, and 14 percent below February 1969. January and February production totaled 175.3 million pounds, down 12 percent from the same period in 1970, and 17 percent below 1969.

DRY MILK: Production of spray and roller process nonfat milk in February was 114.9 million pounds -- an increase of 7 percent over a year earlier and 2 percent above February 1969. The January-February total was 231.8 million pounds, 11 percent above 1970 and 1 percent more than in this period in 1969.

Dry whole milk production is estimated at 4.9 million pounds, 4 percent more than a year earlier and 4 percent more than February 1969. Production in the first two months of 1971 was 11.2 million pounds, 14 percent above 1970 and 13 percent above the same period in 1969.

February dry buttermilk output totaled 6.3 million pounds -- 20 percent more than a year earlier and 7 percent above the same month in 1969. The January-February total of 11.5 million pounds was 11 percent above 1970, but 6 percent below the comparable months in 1969.

## STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' combined stocks of evaporated and sweetened condensed whole milk (case goods) on February 28 totaled 69.4 million pounds--18 percent less than a year earlier, but 61 percent more than at the close of February 1969.

Prices paid by condenseries to producers during February averaged \$4.70 per hundredweight for milk having an average milkfat content of 3.89 percent. This is equivalent to \$1.21 per pound of milkfat--up 2 cents from January and 2 cents above February 1970.

Condenseries reported 127.8 million pounds of whole milk purchased in February from about 17,000 producers. The average daily purchase per producer was 273 pounds compared with 246 pounds in February 1970.

February evaporated whole milk selling prices reported by manufacturers ranged from \$7.07 to \$8.60 per case of forty-eight 14½ oz. cans. This compares with \$7.14 to \$8.60 the preceding month and \$6.67 to \$8.25 in February 1970.

DRY MILK: Manufacturers' stocks of nonfat dry milk for human consumption on February 28, 1971 totaled 89.8 million pounds--11 percent more than a year earlier and 32 percent more than two years earlier. Dry whole milk stocks were 5.0 million pounds, down 10 percent from a year earlier and 33 percent below the end of February 1969. Dry buttermilk inventory, at 8.5 million pounds, was 9 percent more than February 28, 1970 and 59 percent more than at the end of February 1969.

Shipments of spray and roller process nonfat dry milk for human food totaled 105.4 million pounds in February--up 3 percent from a year earlier but 5 percent below February 1969. Dry whole milk shipments were 4.3 million pounds--a decline of 18 percent from February a year earlier but 24 percent above 1969. February shipments of dry buttermilk totaled 3.9 million pounds, 6 percent above 1970, and 35 percent above the same month of 1969.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 27.56 cents per pound in February, down 0.25 cent from January, but 3.99 cents more than a year earlier and 4.16 cents above February 1969. Prices for dry buttermilk (human food and animal feed combined) averaged 24.81 cents per pound, down 0.21 cent from the preceding month, but 1.95 cents above February 1970 and 1.69 cents more than for this month in 1969. Dry whole milk prices for all package and container sizes averaged 49.24 cents per pound, 1.99 cents above a month earlier, and 3.79 cents more than in February 1970. Over five pound packages, at 47.09 cents per pound in February, were up 1.76 cents from January and 4.55 cents above a year earlier.

Table 1. Evaporated, condensed, and dry milk: Production, shipments, and stocks, February 1971, with comparisons

Commodity	Production									
	February					January-February				
	1969	1970	1971 1/	:1971 change: from		1969	1970	1971 1/	:1971 change from	
				1969	1970				1969	1970
	1,000 pounds		Percent		1,000 pounds		Percent			
<u>CANNED MILK (case goods)</u>										
Evaporated and sweetened condensed whole 2/	105,359	96,200	90,350	-14	-6	210,296	198,300	175,250	-17	-12
<u>DRY MILK:</u>										
Whole	4,715	4,700	4,900	+4	+4	9,878	9,800	11,200	+13	+14
Nonfat (human food)										
Spray process	111,241	106,000	114,000	+2	+8	226,121	207,500	230,000	+2	+11
Roller process	1,508	850	850	-44		3,050	1,850	1,820	-40	-2
Total	112,749	106,850	114,850	+2	+7	229,171	209,350	231,820	+1	+11
Skim (animal feed)	1,608	1,600	1,750	+9	+9	3,981	3,300	3,500	-12	+6
Buttermilk (total)	5,821	5,200	6,250	+7	+20	12,164	10,300	11,450	-6	+11
Shipments 3/					Stocks 4/					
	February					February				
	1969	1970	1971 1/	:1971 change: from		1969	1970	1971 1/	:1971 change from	
				1969	1970				1969	1970
	1,000 pounds		Percent		1,000 pounds		Percent			
<u>CANNED MILK (case goods)</u>										
Evaporated and sweetened condensed whole 2/	xxx	xxx	xxx	xxx	xxx	43,143	85,080	69,390	+61	-18
<u>DRY MILK:</u>										
Whole	3,495	5,316	4,336	+24	-18	7,511	5,589	5,041	-33	-10
Nonfat (human food)										
Spray process	5/110,501	5/102,068	5/104,750	-5	+3	66,793	79,339	89,243	+34	+12
Roller process	891	555	685	-23	+23	1,378	1,436	572	-58	-60
Total	111,392	102,623	105,435	-5	+3	68,171	80,775	89,815	+32	+11
Skim (animal feed)	1,093	779	568	-48	-27	1,440	2,470	2,070	+44	-16
Buttermilk (human food)	2,697	3,335	3,697	+37	+11	xxx	xxx	xxx	xxx	xxx
Buttermilk (total)	2,893	3,707	3,911	+35	+6	5,329	7,791	8,461	+59	+9

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, February 1971.1/

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	P o u n d s					
10½-11			31,545			
11½-12			23,800			
12½-13					47,400	
13-13½					29,450	
13½-14					7,800	
14-14½			15,100		7,900	
15-15½			17,410		8,600	
15½-16			51,950			
16-16½			144,290			
16½-17			5,000			
17-17½			8,890		80,100	
18-18½			52,825			
18½-19			2,100			
23½-24				155,112		
24-24½				276,200		
24½-25	634,650			402,302		
25-25½		226,607		864,410		
25½-26	1,576,127			81,000		
26-26½	420,450	138,300		207,600		
26½-27	17,820,392	155,600		183,350		
27-27½	7,700,857	12,150		108,900		
27½-28	10,116,699	84,900		171,300		
28-28½	10,114,341					
28½-29	3,537,098					
29-29½	1,126,047	32,050				
29½-30	803,598					
30-30½				10,390		
30½-31	2,674,350					
31-31½	446,225			3,500		
42½-43½						95,600
43½-44½						1,313,296
44½-45½						248,100
45½-46½						901,600
47½-48½						29,325
54½-55½						6,750
56½-70½						1,179,327

- 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, February 1971 with comparisons 1/

Commodity	February	February	January	February
	1969	1970	1971	1971
	C e n t s			
Nonfat Dry Milk 2/:				
Spray process 3/	23.41	23.58	27.82	27.57
Roller process	22.75	22.17	26.28	26.26
Spray and roller	23.40	23.57	27.81	27.56
Dry skim animal feed	18.31	15.37	16.48	15.52
Nonfat and dry skim	23.36	23.51	27.75	27.50
Dry Buttermilk:				
Human food	23.49	23.64	25.97	25.38
Animal feed	17.47	15.90	13.78	14.88
Human and animal	23.12	22.86	25.02	24.81
Dry Whole Milk:				
Pkgs. over 5 lbs. 4/	40.63	42.54	45.33	47.09
Total 5/	44.03	45.45	47.25	49.24

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: Manufacturer's range of selling prices per case of 48 14½-oz. cans, in cartons, by geographic divisions, February 1971 with comparisons 1/

Geographic division	February 1970		January 1971		February 1971	
	Low	High	Low	High	Low	High
	D o l l a r s					
North Atlantic	6.67	8.25	7.14	8.60	7.07	8.60
South Atlantic	7.20	8.25	7.50	8.60	7.50	8.60
North Central	7.15	8.25	8.00	8.60	8.00	8.60
South Central	7.20	8.25	7.55	8.60	7.55	8.60
Western	7.05	8.25	7.40	8.60	7.40	8.60
United States	6.67	8.25	7.14	8.60	7.07	8.60

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.

Table 5.--Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, February 1971, with comparisons 1/

State and division	February 1970			January 1971			February 1971		
	Milk price per cwt.	Milkfat Test	Price per pound	Milk price per cwt.	Milkfat Test	Price per pound	Milk price per cwt.	Milkfat Test	Price per pound
	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars
Ohio	4.51	3.96	1.14	4.50	4.04	1.11	4.51	4.02	1.12
Mich.	4.72	3.83	1.23	4.75	3.87	1.23	4.80	3.85	1.25
Tenn.	4.43	4.01	1.10	4.54	4.14	1.10	4.55	4.08	1.12
Calif.	4.46	3.83	1.16	4.64	3.82	1.21	4.68	3.76	1.24
N. Cent.	4.76	3.82	1.25	4.75	3.94	1.21	4.72	3.89	1.21
S. Atl. 2/	4.56	4.07	1.12	4.81	4.28	1.12	4.90	4.17	1.18
S. Cent.	4.49	3.93	1.14	4.66	4.04	1.15	4.63	3.97	1.17
West 2/	4.52	3.80	1.19	4.69	3.81	1.23	4.72	3.74	1.26
U. S. 2/	4.61	3.87	1.19	4.71	3.96	1.19	4.70	3.89	1.21

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. Evaporated, condensed, and dry milk products: Manufacturers' reported stocks at end of month, United States, 1969-70 1/

Month	Evaporated and sweetened condensed whole 2/ (case goods)		Dry whole milk 3/			
	1969	1970	1969	1970		
1,000 pounds						
Jan.	59,595	96,602	8,184	5,830		
Feb.	43,143	85,080	7,511	5,589		
Mar.	57,195	88,449	6,188	4,704		
Apr.	86,412	79,609	4,938	5,145		
May	129,057	130,244	6,691	6,604		
June	155,528	173,233	8,025	7,979		
July	191,824	192,666	9,367	9,610		
Aug.	215,076	195,862	8,175	9,435		
Sept.	197,564	187,427	7,137	8,633		
Oct.	150,649	179,957	6,729	6,634		
Nov.	115,761	147,508	5,652	4,781		
Dec.	106,854	115,733	6,576	4,706		
	Spray-dried nonfat milk for human food		Roller-dried nonfat milk for human food		Total nonfat dry milk for human food	
	1969	1970	1969	1970	1969	1970
Jan.	70,315	81,455	1,248	1,626	71,563	83,081
Feb.	66,793	79,339	1,378	1,436	68,171	80,775
Mar.	62,824	79,885	1,304	1,267	64,128	81,152
Apr.	77,083	100,703	1,539	1,321	78,622	102,024
May	110,845	140,754	1,246	1,850	112,091	142,604
June	139,345	159,671	1,610	1,986	140,955	161,657
July	152,209	161,902	2,163	1,955	154,372	163,857
Aug.	147,905	164,134	2,985	1,997	150,890	166,131
Sept.	128,350	142,071	2,179	1,899	130,529	143,970
Oct.	105,773	120,500	2,162	1,652	107,935	122,152
Nov.	88,206	103,005	1,957	1,546	90,163	104,551
Dec.	82,137	97,214	1,776	1,248	83,913	98,462
	Dry skim milk for animal feed		Dry buttermilk			
	1969	1970	1969	1970		
Jan.	1,563	2,673	4,322	7,223		
Feb.	1,440	2,470	5,329	7,791		
Mar.	1,495	2,465	4,877	7,905		
Apr.	1,519	2,612	5,712	10,034		
May	1,698	2,578	7,374	12,562		
June	1,866	2,826	7,666	10,555		
July	2,080	2,957	7,214	10,562		
Aug.	2,658	3,133	6,598	9,990		
Sept.	2,846	2,881	5,858	9,692		
Oct.	2,471	2,555	5,228	8,414		
Nov.	2,476	2,615	4,948	7,955		
Dec.	2,563	2,561	5,003	9,210		

1/ 1970 revised to include data for firms not reporting previously.

2/ Combined to avoid disclosing individual plant operations.

3/ Includes packaged goods.

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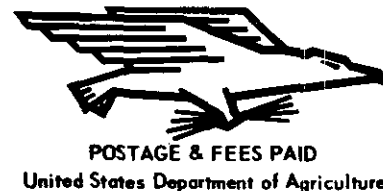


Table 7.--Milk bought by condenseries: Quantity bought, and number of producers, February 1971, with comparisons 1/

Item		February 1969	February 1970 2/	February 1971
Milk bought from producers	pounds	136,012,000	135,156,000	127,803,000
Producers	number	25,000	20,000	17,000
Average per producer per day	pounds	195.4	246.3	272.9
Change in purchases per producer:				
1971 from 1970	percent	xxx	xxx	+11.0
1971 from 1969	percent	xxx	xxx	+40.0

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 8.--USDA Nonfat Dry Milk Purchases as Reported by ASCS  
 - Delivery basis -

Nonfat dry milk	February 1971	Cumulative	
		April 1, 1969- February 28, 1970	April 1, 1970- February 28, 1971
Million pounds			
Purchases	29.9	324.4	422.2

Uncommitted inventories on February 28, 1971 totaled 39.4 million pounds.