

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
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EVAPORATED, CONDENSED, AND DRY MILK REPORT
(January 1947)

EVAPORATED AND CONDENSED MILK

Canned evaporated milk production during January is estimated at 206,300,000 pounds by the Bureau of Agricultural Economics. This was a gain of 14 percent from a year earlier, but 9 percent less than the January 1941-45 average. The seasonal gain from December to January was about the same as a year earlier, and close to the 1941-45 December to January average.

Production of canned condensed milk during January was 7,440,000 pounds, down 15 percent from a year earlier, but 1 percent above the 1941-45 average for the month. A seasonal gain of 10 percent from December to January compares with no change in the same period a year earlier and a slight decline for the 5-year average.

Production of the several condensed bulk goods items during January was lower than a year earlier but above the January 1941-45 average for all except sweetened condensed whole milk. Production of plain condensed whole milk in January was 8,770,000 pounds, compared with 8,950,000 pounds for the same month last year, a decrease of 2 percent. The output of plain condensed skim milk in January is estimated at 30,900,000 pounds. This total is 18 percent less than the record high January output of a year earlier, but 32 percent above the 5-year January average. Production of sweetened condensed whole milk was 3,490,000 pounds during January, 20 percent below a year earlier and 30 percent down from the 1941-45 average for the month. January output of sweetened condensed skim milk was 26,485,000 pounds, 5 percent less than the record in January 1946, but 53 percent above the January 1941-45 average.

Manufacturers' stocks of canned evaporated milk on January 31, 1946 were sharply higher than a year earlier, but still short of the 5-year average for that date. At 130,902,000 pounds, stocks were 142 percent higher than a year earlier, but 22 percent under the 1941-45 January 31 average. Holdings of sweetened condensed milk (case goods) on January 31 totaled 4,431,000 pounds, down 11 percent from a year earlier and 38 percent below the 5-year average on January 31.

Manufacturers' carlot selling prices of evaporated milk developed an easy tone in the latter part of January, but the monthly average was nearly unchanged from December. The average price for January was \$5.86 per case of 48 14½-oz. cans, compared with \$5.88 in December and \$4.15 in January 1946. Prices of sweetened condensed milk averaged \$8.25 per case of 48 14-oz. cans, the highest price on record for the month since 1921. This price was unchanged from December, but \$1.92 higher than in the same month of 1946. Prices of all condensed bulk goods items during January were lower than in December. The average price of plain condensed whole milk was \$13.32 per hundredweight, compared with \$13.96 in December and \$10.17 in January 1946. Plain condensed skim milk averaged \$4.79 per hundredweight, a decline of 29 cents from December, but a gain of 61 cents from a year earlier. Prices of sweetened condensed whole milk averaged \$19.32 per hundredweight, down 53 cents from December, but up \$7.36 per hundredweight from a year earlier. Prices of sweetened condensed skim milk averaged \$14.54 per hundredweight, a decline of 88 cents from December, but \$6.44 higher than a year earlier.

Although prices paid to producers by condenseries declined seasonally for the second successive month, the January average of \$3.83 per hundredweight was the highest of record for the month. This average compares with \$4.18 in December, \$4.30 in November -- the seasonal peak -- and \$2.70 in January 1946.

Purchases of milk during January by reporting condenseries totaled 405,144,000 pounds from 133,000 producers. Daily purchases per producer for the month averaged 98.3 pounds, a gain of 3 percent from a year earlier and 4 percent from the 1941-45 January average.

DRY MILK

Production of all dry milk products increased seasonally from December 1946 to January 1947, the Bureau of Agricultural Economics reports.

Production of nonfat dry milk rose substantially above the levels of a month earlier and a year earlier. The output of spray-dried is estimated at 28,250,000 pounds, 26 percent above that of December 1946 and 29 percent above the production of January 1946. Production of roller-dried was 33 percent above a month earlier and 6 percent above a year earlier. Total output of nonfat dry milk in January was 29 percent above a month earlier, 19 percent above a year earlier and 39 percent above the 1941-45 January average. Since August 1945, the production each month of roller-dried nonfat solids has been below the level of the same month a year earlier. Since October 1945, however, this difference has been decreasing and the January 1947 production, for the first time in 17 months, is higher than the level of a year earlier.

The reported production of dry whole milk during January was 12,430,000 pounds, 13 percent above the output of December 1946, but 1 percent below the output in January a year ago, and 37 percent

DRY NONFAT MILK SOLIDS (Bulk Goods) Reported Sales Pounds				DRY WHOLE MILK (Bulk Goods) Reported Sales		DRY BUTTERMILK (Bulk Goods) Reported Sales Pounds		
Human Food		Animal Feed				Human Food		Animal Feed
Price ¢	Spray Process	Roller Process		Price ¢	Pounds	Price ¢	Food	Feed
2	-2 1/2		1,217	31 1/2-32 1/2	160,570	6	-6 1/2	9,800
6	-6 3/4		1,300	33 1/2-34 1/2	277,379	7	-7 3/4	1,300
6 1/2	-7		2,744	34 1/2-35 1/2	366,564	7 1/2	-8	408,000
7	-7 1/2		6,595	35 1/2-36 1/2	42,000	8	-8 1/2	7,600
7 1/2	-8		1,760	36 1/2-37 1/2	1,078,600	8 1/2	-9	71,578
8	-8 1/2		68,429	37 1/2-38 1/2	65,266	9	-9 1/2	5,000
8 1/2	-9		6,360	38 1/2-39 1/2	834,865	9 1/2	-10	202,715
9	-9 1/2	28,170	178,792	39 1/2-40 1/2	3,888,984	10	-10 1/2	9,360
9 1/2	-10	97,600	74,265	42 1/2-43 1/2	366,631	10 1/2	-11	11,250
10	-10 1/2	103,600	91,623	43 1/2-44 1/2	856,422	11	-11 1/2	68,505
10 1/2	-11	24,600	658,335	47 1/2-48 1/2	1,677,788	11 1/2	-12	312,861
11	-11 1/2		12,937	51 1/2-52 1/2	4,375,649	12	-12 1/2	1,675
11 1/2	-12	2,650,436				12 1/2	-13	176,625
11 3/4	-12 1/2	6,682,076	744,130			13	-13 1/2	81,925
12	-12 3/4	190,960	1,521,014			13 1/2	-14	16,975
12 1/2	-13	3,258,346	2,520,713			14	-14 1/2	5,000
13	-13 1/2	1,862,960	808,404			14 1/2	-15	616,558
13 1/2	-14	2,780,093	828,477			16	-16 1/2	53,775
14	-14 1/2	2,094,860	2,198,329					
14 1/2	-15	4,359,095	1,716,057					
15	-15 1/2	2,438,953	375,809					
15 1/2	-16	365,031	70,130					
16	-16 1/2	61,900						
16 1/2	-17	14,843						
TOTAL	24,133,717	14,321,204	514,075		13,990,718		1,437,012	1,284,411
AV. PRICE	13.32¢	12.73¢	9.62¢		44.36¢		13.14¢	8.87¢
TOTAL HUMAN	38,454,921							
AV. PRICE	13.10¢							
GRAND TOTAL		38,968,996			13,990,718		2,721,423	
GRAND AV. PRICE JAN. 1947		13.06¢			44.36¢		11.12¢	
GRAND AV. PRICE DEC. 1946		14.44¢			47.44¢		11.85¢	
GRAND AV. PRICE JAN. 1946		14.39¢			36.65¢		11.82¢	

above the 1941-45 January level. The production of spray-dried whole milk was 3 percent above a year earlier, but the production of roller-dried was 39 percent below.

Production of dry skim milk for animal feed was 950,000 pounds, 60 percent larger than that of a month earlier and 7 percent larger than production in January 1946, but 74 percent less than the 1941-45 January average. This is the second successive month in which the production of dry skim milk for animal feed has exceeded the output of the same month a year earlier. Dry buttermilk production in January was 3,700,000 pounds, 37 percent greater than in December 1946 and 17 percent greater than in January a year ago, but 24 percent less than the 1941-45 January level.

Prices of all dry milk products sold during January were lower than during December 1946. Reported prices of spray and roller-dried nonfat solids were also lower than in January a year ago, but the prices of dry skim milk and dry buttermilk for animal feed were slightly higher. The average price for spray-dried nonfat solids during January was 13.32 cents per pound, 1.61 cents per pound lower than in December and 1.45 cents per pound lower than in January 1946. For roller-dried, the reported average price in January was 12.73 cents per pound, 1.26 cents per pound below the December average and 1.23 cents below the January 1946 average.

Reported dry whole milk prices in January averaged 44.36 cents per pound, 3.08 cents less than in December, but 7.71 cents above the average of reported prices in January 1946. Prices reported for dry skim milk for animal feed during January averaged 9.62 cents per pound, .52 cent below the December average, but .82 cent above the January 1946 average. In similar fashion the average price for dry buttermilk for animal feed in January at 8.87 cents per pound was .31 cent below the December average, but very slightly higher (.08 cent per pound) than the January 1946 average.

For the second successive month stocks of dry milk products held by reporting manufacturers at the end of the month were sharply higher than a year earlier. Minor exceptions are roller-dried whole milk for which January 31 stocks were 35 percent less than at the end of January 1946 and stocks of dry skim milk which are slightly higher than a year earlier. Total stocks of nonfat, dry milk on January 31 were 45,600,000 pounds, 255 percent greater than a year earlier and 66 percent greater than the 1941-45 January average. Stocks of spray-dried nonfat solids were 28,765,000 pounds, an increase of 293 percent above the figure for January 31, 1946. Stocks of roller-dried nonfat solids were 16,835,000 pounds, an increase of 203 percent above the stocks reported held on January 31, last year. Dry whole milk stocks held at the end of January of this year by reporting manufacturers were 17,238,000 pounds, an increase of 37 percent above the

	Unit	January		January average
		1947	1946	1941-45
Purchases, reported total	Pounds	405,144,000	416,525,000	410,555,000
Producers	Numbers	133,000	141,000	140,000
Average daily purchases per producer	Pounds	98.3	95.3	94.6
Changes in purchases per producer 1947 from 1946	Percent	+3.1	XXXXX	XXXXX
1947 from 5-yr. average	"	+3.9	XXXXX	XXXXX

* These figures represent milk purchases primarily for the manufacture of evaporated and condensed milk (case goods) by a large group of selected condenseries.

AVERAGE MANUFACTURERS' CARLOT SELLING PRICES OF EVAPORATED AND CONDENSED MILK BY GEOGRAPHIC SECTIONS JANUARY 1947 *

Geographic Section	Case Goods		Bulk Goods			
	Evaporated (48 14½-oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain Condensed (Unsweetened)		Sweetened Cond.	
	Dollars		Whole	Skimmed	Whole	Skimmed
			Dollars per hundredweight			
New England	5.92	8.25	11.30	4.87	19.42	14.78
Mid. Atlantic	5.88	8.25	14.42	5.14	19.41	14.11
South Atlantic	5.85	8.25	-	4.41	19.37	14.74
East North Central	5.82	-	13.57	4.68	19.44	14.61
West North Central	5.83	-	12.31	4.74	19.19	13.42
South Central	5.83	8.25	-	5.06	-	14.99
North Western	5.91	-	-	-	-	-
South Western	5.91	-	-	4.75	24.00	15.94
U. S. JANUARY 1947	5.86	8.25	13.32	4.79	19.82	14.54
U. S. DECEMBER 1946	5.88	8.25	13.96	5.08	20.35	15.42
U. S. JANUARY 1946	4.15	6.33	10.17	4.18	12.46	8.10

* Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT FOR JAN. 1947
8 GEOGRAPHIC SECTIONS

Geographic Section	Number of factories reporting	Price per cwt.	
		Range Dollars	Average Dollars
New England	1	-	-
Mid. Atlantic	6	3.91-5.13	4.74
South Atlantic	7	3.65-4.35	3.79
East North Central	88	3.50-4.27	3.83
West North Central	13	3.30-3.92	3.64
South Central	14	3.40-3.68	3.55
North Western	10	3.43-3.99	3.72
South Western	20	3.70-4.20	3.94
U. S. JANUARY 1947	158	3.30-5.13	3.83
U. S. DECEMBER 1946	159	3.43-5.30	4.18
U. S. JANUARY 1946	154	2.36-3.18	2.70

AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT IN 6 EVAPORATED MILK MARKETING AGREEMENT SECTIONS

Section	January 1947	December 1946	January 1946
1	3.82	4.26	2.67
2	4.74	4.95	2.88
3	3.66	3.95	2.54
4	3.91	4.01	2.74
5	3.71	3.86	2.76
6	3.88	4.12	3.06
U. S. AVERAGE	3.83	4.18	2.70

1/ Reports not received from 7 factories in these areas which base prices on formula in evaporated milk market agreements. Formula price for these areas in January \$3.249. Prices paid at Midwest condenseries used in determining class prices under the New York and Chicago Milk Marketing Order for January, New York City \$3.858, Chicago \$3.867.

EVAPORATED MILK MARKETING AGREEMENT MINIMUM PRICES FOR JANUARY

Section 1 - \$3.179	Section 2 - \$3.249	Section 3 - \$2.922
Section 4 - \$2.603	Section 5 - \$2.595	Section 6 - \$2.882

COMMODITY	January 1947 1/	January 1946 1/	Change in Jan. 1947 from		Cumulative total	
			1946	1941-45 average	January 1947	Change from January 1946
	Thousand	pounds	Percent		Thous. lb.	Percent
Evaporated and Condensed Milk						
Evaporated (case goods)	206,300	181,400	+14	-9	206,300	+14
Condensed (case goods)	7,440	8,800	-15	+1	7,440	-15
Plain Condensed Whole (bulk)	8,770	8,950	-2	+23	8,770	-2
Plain Condensed Skimmed (bulk)	30,900	37,685	-18	+32	30,900	-18
Sweetened Cond. Whole (bulk)	3,490	4,360	-20	-30	3,488	-20
Sweetened Cond. Skimmed (bulk)	26,485	27,880	-5	+53	26,485	-5
<u>Dry Milk</u>						
Dry Whole						
Spray process	11,580	11,200	+3	2/	11,580	+3
Roller process	850	1,400	-39	2/	850	-39
Total	12,430	12,600	-1	+37	12,430	-1
Dry Nonfat Solids						
Human Food - Spray process	28,250	21,900	+29	3/	28,250	+29
Human Food - Roller process	16,880	15,900	+6	3/	16,880	+6
Total (Human Food)	45,130	37,800	+19	+38	45,130	+19
Dry Skim Milk (Animal Feed)	950	890	+7	-74	950	+7
Dry Buttermilk	3,700	3,150	+17	-24	3,700	+17

1/ Estimated. Subject to revision when the final report is available for 1945.

2/ Spray and roller dry whole milk not reported separately prior to 1945.

3/ Spray and roller nonfat dry milk solids not reported separately prior to 1942

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY MILK JANUARY 31.

COMMODITY	1947	1946 1/	Average 1941-45	Change in 1947 from	
				1946	1941-45 av.
		Thousand pounds		Percent	
Evaporated and Condensed Milk					
Evaporated (case goods)	130,902	54,098	167,156	+142	-22
Condensed (case goods)	4,431	4,991	7,134	-11	-38
<u>Dry Milk</u>					
Dry Whole					
Spray process	17,113	9,026	2/	+90	2/
Roller process	125	192	2/	-35	2/
Total	17,238	9,218	9,682	+87	+78
Dry Nonfat Solids					
Human Food - Spray process	28,765	7,313	3/	+293	3/
Human Food - Roller process	16,835	5,547	3/	+203	3/
Total (Human Food)	45,600	12,860	27,483	+255	+66
Dry Skim Milk (Animal Feed)	347	321	2,400	+8	-86
Dry Buttermilk	4,692	1,550	6,079	+201	-23

1/ Revised to include late reports. 2/ Not reported separately prior to January 1945.

3/ Not reported separately prior to January 1943.

level of a year earlier and 78 percent above the 1941-45 January 31 average. Dry buttermilk stocks decreased 3 percent between December 31 and January 31, and were 23 percent less on January 31 than the 5-year average for that date. Stocks of dry skim milk for animal feed decreased 43 percent between the end of December and the end of January, and on the latter date were 86 percent less than the 5-year average.

Reported sales of dry milk products during January were higher than during December, with the exceptions of roller-dried nonfat solids and dry skim milk for animal feed. Sales of spray-dried nonfat solids increased in volume 29 percent above December, but were 1 percent lower than in January 1946. Sales of roller-dried nonfat solids decreased 10 percent from December and were 26 percent below January 1946. Sales of skim milk for animal feed were slightly lower in January than in December. Total sales of dry buttermilk in January were 24 percent above December sales, but 9 percent below sales made in January 1946.

The U. S. Department of Agriculture on February 24 authorized the D.F.M.A. to begin immediate purchase of nonfat dry milk to lend support to a weakening market. Initial authorization is for purchases up to 5 million pounds on open market at not in excess of 10 cents per pound for spray-dried and 9 cents per pound for roller-dried nonfat solids. The Department stated that if these purchases do not stabilize prices at or above D.F.M.A. purchase levels, it is prepared to take further action.