

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
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EVAPORATED, CONDENSED, AND DRY MILK REPORT

(April 1945)

EVAPORATED AND CONDENSED MILK

In April manufacturers of canned evaporated milk were already producing at a flush season level according to the Bureau of Agricultural Economics, United States Department of Agriculture. Estimated at 386,750,000 pounds the production in April was the largest production of record for the month, 23 percent larger than in April last year and 45 percent larger than the 5-year (1939-43) average. Only in two other years, 1944 and 1942, has either the May or June production--the months of peak output--exceeded this year's April figure. At this time (May 28), it appears that the record production of 445,605,000 pounds in 1942 will be exceeded by this year's May output. Cumulative production, for the first four months of 1945, of canned evaporated milk totaled 1,220,750,000 pounds, a gain of 24 percent over the production for the corresponding period last year. Production of canned condensed milk in April was estimated at 13,975,000 pounds, practically unchanged from the 13,990,000 pounds produced in April last year, but 117 percent larger than the 5-year April average. From January through April 1945, the estimated production of canned condensed milk totaled 43,325,000 pounds, a decrease of 2 percent from the output of the same period last year.

In the bulk goods industry, the April production of plain condensed whole milk totaled 10,905,000 pounds, an increase of 5 percent over both the April production of last year and the 5-year (1939-43) April average. Plain condensed skim milk, at 26,889,000 pounds was 15 percent larger than a year earlier and was also 15 percent larger than the 5-year April average. However, sweetened condensed whole milk, at 6,444,000 pounds was down 18 percent compared with April last year, but up 5 percent from the 5-year April average. The production of 48,391,000 pounds of sweetened condensed milk was 30 percent larger than in April last year and 162 percent larger than the 5-year April average. During the first four months of 1945, the production of plain condensed whole milk was 5 percent larger than during the same months last year, plain condensed skim milk 8 percent, sweetened condensed skim milk 24 percent, but sweetened condensed whole milk was 35 percent smaller.

Stocks of canned evaporated milk held by manufacturers at the end of April totaled 154,511,000 pounds, a decrease of 14 percent from stocks held on the same date last year, and 4 percent from the 5-year (1939-43) April end average. Stocks of canned condensed milk totaled 11,299,000 pounds, 34 percent larger than the April end stocks of last year; and 83 percent larger than the 5-year average.

Receipts of milk by condenseries in April were up sharply from the April receipts in 1944. Average daily purchases per producer totaled 150.6 pounds, a gain of 14.4 percent over the April average of last year and 24.8 percent over the 5-year April average. Prices paid by condenseries during April averaged \$2.63 per hundredweight for milk testing 3.5 percent, a seasonal decrease of 3 cents from the March average of this year and a comparison decrease of 2 cents from April last year.

Manufacturers prices for both canned evaporated and condensed milk in April were unchanged at \$4.15 and \$6.33 per case, respectively. Prices of bulk condensed and evaporated milk, both sweetened and unsweetened, were unchanged but with the averages for April varying slightly from those of March due to changes in quantities of different composition sold. The April average for plain condensed whole milk was \$9.98 per hundredweight, skimmed \$4.17, sweetened condensed whole \$12.45, and skimmed \$8.12.

DRY MILK

As in March, the April production of all dry milk products, except buttermilk, were substantially higher than a year earlier; in buttermilk, the decrease was less marked than in March. Dry whole milk production continued on a noticeably higher level; the output for April, at 22,800,000 pounds, was 43 percent larger than in April last year, 358 percent larger than the 5-year (1939-43) April average, a new high record not only for April, but for all months. Production for the first 4 months of 1945 is estimated at 68,150,000 pounds, a gain of 18 percent over the production of the corresponding months of last year.

average 1945

1944

DRY NONFAT SOLIDS (Bulk Goods)				DRY WHOLE MILK (Bulk Goods)		DRY BUTTERMILK (Bulk Goods)			
Reported Sales				Reported Sales		Reported Sales			
Pounds				Pounds		Pounds			
Human Food				Animal Feed		Human Food			
Spray Process		Roller Process		Price ¢	Pounds	Price ¢	Animal Feed		
3	-3½			3,677	23½-24½	13,500	5	-5½	13,120
4½	-5			4,074	25½-26½	373,750	6	-6½	3,100
5	-5½			5,384	26½-27½	574,300	6½	-7	12,327
5½	-6			21,847	27½-28½	555,405	7	-7½	1,085,022
6	-6½			70,610	29½-30½	22,600	7½	-8	611,502
6½	-7			3,350	30½-31½	168,996	8	-8½	33,581
7	-7½			250,427	31½-32½	504,425	8½	-9	187,949
7½	-8			253,912	32½-33½	636,000	9	-9½	42,270
8	-8½			364,312	33½-34½	7,500	9½	-10	89,800
8½	-9			221,113	34½-35½	4,407,070	10	-10½	11,724
9	-9½			258,475	35½-37½	1,404,695	10½-11		22,300
9½	-10			17,178	37½-38	1,736,992	11	-11½	3,000
10	-10½			53,109	38½-39½	384,000	11½-12		18,800
10½	-11			3,220	39½-40½	5,891,948	12	-12½	49,564
11	-11½			55,000	40½-41½	642,607	12½-13		230,356
11½	-12		243,725		41½-42½	4,600,416	13	-13½	85,098
12	-12½		5,358,678				13½-14		1,060,467
12½	-13		1,768,346				14	-14½	26,800
13	-13½		4,711,146				15	-15½	24,800
13½	-14	478,640	7,848,335				15½-16		196,671
14	-14½	1,892,453	11,549,016						
14½	-15	16,528,387	1,781,148						
15	-15½	2,753,586	605,872						
15½	-16	1,435,197	89,608						
16	-16½	1,454,113							
16½	-17	5,250							
TOTAL		24,547,626	33,955,874	1,585,688		21,924,204			1,793,707
AV. PRICE		14.76¢	13.54¢	8.16¢		37.69¢			13.42¢
TOTAL HUMAN		58,503,500							
AV. PRICE		14.05¢							
GRAND TOTAL		60,089,188				21,924,204			5,020,583
GRAND AV. PRICE APR. 1945		13.89¢				37.69¢			9.83¢
GRAND AV. PRICE MAR. 1945		13.83¢				37.53¢			10.10¢
GRAND AV. PRICE APR. 1944		14.40¢				34.93¢			12.01¢

Production of dry nonfat milk solids in April, spray and roller combined, totaled 69,750,000 pounds, an increase of 16 percent over a year earlier, 75 percent over the 5-year (1939-43) April average, and a new April high. Only in 2 other years, 1942 and 1944, has the May production been larger than that of April this year and only in one other year, 1944, has the June production been larger. Production of spray dried in April totaled 29,250,000 pounds, and roller dried 40 million pounds, both 16 percent larger than a year earlier. Production of dry nonfat milk solids, spray and roller combined, during the first 4 months of 1945 totaled 211,700,000 pounds, 30 percent larger than the corresponding 4 months of last year, and about 25 million pounds more than production in the entire year 1935.

Production of dry skim milk for animal feed in April totaled 1,600,000 pounds, 12 percent more than the April output of last year, but 86 percent less than the 5-year April average. The April output of dry buttermilk totaled 5,425,000 pounds, a decrease of 11 percent from April last year and 10 percent from the April 5-year average. At the end of April, the cumulative production of dry skim milk for animal feed for 1945 totaled 4,875,000 pounds and for dry buttermilk 17,675,000 pounds. Compared with the production for the same period last year, dry skim milk was larger by 8 percent, but dry buttermilk was smaller by 10 percent.

Stocks of dry nonfat milk solids held by manufacturers at the close of April totaled 58,765,000 pounds, 22,799,000 pounds of which were spray dried and 35,967,000 pounds roller dried. Compared with the same date last year, this year's stocks were 4 percent higher, and when compared with the 5-year average, they were 81 percent higher. This latter comparison, however, is just about in line with the 75 percent increase in production compared with average. Stocks of dry skim milk for animal feed at the end of April totaled 1,279,000 pounds, 54 percent more than a year earlier; stocks of dry buttermilk were 6,765,000 pounds, 13 percent more. Compared with the 5-year average, however, stocks of dry buttermilk were 35 percent higher, but stocks of dry skim milk for animal feed were 70 percent lower.

	Unit	April		April average
		1945	1944	1939-43
Purchases, reported total	Pounds	682,135,000	576,207,000	466,992,000
Producers	Number	151,000	146,000	129,000
Average daily purchases per producer	Pounds	150.6	131.6	120.7
Changes in purchases per producer, 1945 and 1944	Percent	+14.4	XXX	XXX
1945 from 5-yr. average	"	+24.8	XXX	XXX

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

AVERAGE WHOLESALE SELLING PRICES IN CARLOTS OF EVAPORATED AND CONDENSED MILK BY GEOGRAPHIC SECTIONS APRIL 1945*

Geographic Section	Case Goods		Bulk Goods			
	Evaporated (48 14 $\frac{1}{2}$ -oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain Condensed (Unsweetened) Whole-Skimmed		Sweetened Cond. Whole-Skimmed	
	Dollars		Dollars per hundredweight			
New England	4.20	6.34	8.53	4.32	12.47	8.32
Mid. Atlantic	4.14	6.34	11.04	4.48	12.46	8.03
South Atlantic	4.13	6.34	11.24	4.28	-	8.00
East North Central	4.10	6.25	8.46	3.83	12.28	8.04
West North Central	4.10	-	9.62	4.01	13.11	8.07
South Central	4.10	6.34	-	4.32	12.28	8.35
North Western	4.22	-	-	-	-	-
South Western	4.21	-	-	4.52	12.27	8.19
U. S. APRIL 1945	4.15	6.33	9.98	4.17	12.45	8.12
U. S. MARCH 1945	4.15	6.33	9.26	4.19	12.35	8.14
U. S. APRIL 1944	4.15	6.22	10.16	4.17	12.19	8.14

*Wholesale 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 APRIL 1945
8 GEOGRAPHIC SECTIONS

Geographic Section	Number of factories reporting	Price per cwt.	
		Range Dollars	Average Dollars
New England	1	-	-
Mid. Atlantic	9	2.67-2.82	2.74
South Atlantic	7	2.49-2.82	2.56
East North Central	92	2.40-2.98	2.60
West North Central	12	2.45-2.67	2.53
South Central	14	2.34-2.54	2.44
North Western	10	2.56-2.78	2.65
South Western	22	2.49-3.13	2.92
U. S. APRIL 1945	166	2.34-3.13	2.63
U. S. MARCH 1945	169	2.34-3.13	2.65
U. S. APRIL 1944	168	2.40-3.14	2.65

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

Section	April 1945		March 1945	April 1944
	Dollars		Dollars	Dollars
1	2.60		2.64	2.61
2	2.74		2.80	2.76
3	2.48		2.51	2.51
4	2.66		2.66	2.67
5	2.64		2.64	2.61
6	3.06		3.06	3.07
U. S. AVERAGE	2.63		2.66	2.65

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 April \$2.03. Prices paid at Midwest condenseries used in determining class prices under the New York and Chicago Marketing Milk Order for April, New York City \$2.604. Chicago \$2.614.

EVAPORATED MILK MARKETING AGREEMENT MINIMUM PRICES FOR APRIL

Section 1 - \$1.962
Section 4 - \$1.598

Section 2 - \$2.032
Section 5 - \$1.627

Section 3 - \$1.774
Section 6 - \$1.785

COMMODITY	April 1945 ^{1/}	April 1944 ^{1/}	Change in April 1945 from		Cumulative Total	
			1945	1939-43 average	Jan-Apr. 1945	Change from Jan-Apr. 1944
	Thousand Pounds	Pounds	Percent		Thous. lb.	Percent
<u>Evaporated and Condensed Milk</u>						
Evaporated (case goods)	386,750	313,837	+23 ¹	+45	1,220,750	+24
Condensed (case goods)	13,975	13,990	0	+117	43,325	-2
Plain Condensed Whole (bulk)	10,905	10,386	+5	+5	2/35,734	+5
Plain Condensed Skimmed (bulk)	26,889	23,382	+15	+15	102,983	+8
Sweetened Cond. Whole (bulk)	6,444	7,859	-18	+5	18,292	-35
Sweetened Cond. Skimmed (bulk)	48,391	37,224	+30	+162	128,738	+24
<u>Dry Milk</u>						
Dry Whole						
Spray process	21,020	^{3/}	^{3/}	^{3/}	63,100	^{3/}
Roller process	1,780	^{3/}	^{3/}	^{3/}	5,050	^{3/}
Total	22,800	15,950	+43	+358	58,150	+18
<u>Dry Nonfat Solids</u>						
Human Food - Spray process	29,750	25,700	+16 ¹	^{4/}	97,900	+24
Human Food - Roller process	40,000	34,525	+16	^{4/}	113,800	+35
Total (Human Food)	69,750	60,225	+16	+75	211,700	+30
Dry Skim Milk (Animal Feed)	1,600	1,425	+12	-86	4,875	+8
Dry Buttermilk	5,425	6,100	-11	-10	17,875	-10

^{1/} Estimated. Subject to revision when the final report is available for 1944. ^{2/} January, February and March 1945, production revised to 8,776,000; 6,294,000; and 9,759,000 pounds, respectively. ^{3/} Spray and roller dry whole milk not reported separately prior to 1945. ^{4/} Spray and roller nonfat dry milk solids not reported separately prior to 1942.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY MILK APRIL 30

COMMODITY	1945	1944 ^{1/}	Average 1939-43	Change in 1945 from	
				1944	1939-43 Av.
	Thousand Pounds	Pounds	Thous. lb.	Percent	
<u>Evaporated and Condensed Milk</u>					
Evaporated (case goods)	154,511	180,640	160,910	-14	-4
Condensed (case goods)	11,299	8,430	6,176	+74	+83
<u>Dry Milk</u>					
Dry Whole					
Spray process	16,914	^{2/}	^{2/}	^{2/}	^{2/}
Roller process	1,042	^{2/}	^{2/}	^{2/}	^{2/}
Total	17,956	16,492	6,278	+9	+136
<u>Dry Nonfat Solids</u>					
Human Food - Spray process	22,799	26,278	^{3/}	-13	^{3/}
Human Food - Roller process	35,907	29,939	^{3/}	+20	^{3/}
Total (Human Food)	58,706	56,217	32,363	+4	+81
Dry Skim Milk (Animal Feed)	1,279	829	4,260	+54	-70
Dry Buttermilk	6,755	5,966	5,026	+13	+35

^{1/} Revised to include late reports. ^{2/} Not reported separately prior to January 1945. ^{3/} Not reported separately prior to January 1943.

Average prices received by manufacturers for dry milk products sold in April were not greatly different from the March averages; spray dry nonfat milk solids price was down fractionally, but was slightly more than offset by the increase in roller dried. The average price received for spray dried nonfat in April was 14.76 cents, and roller dried 13.54 cents per pound. The March average for spray dried was 14.80 cents per pound and for roller dried 13.23 cents. The April average for the two products combined was 14.05 cents per pound compared to 13.95 cents per pound in March.

The average of all dry nonfat milk solids sold in April, including dry skim milk for animal feed, was 13.89 cents per pound, compared with 13.83 cents per pound in March, and 14.40 cents per pound last year. The April average for dry skim milk sold for animal feed was 8.16 cents per pound, compared to a March average of 7.91 cents per pound. Dry whole milk sold in April brought an average price of 37.69 cents per pound, compared to a March average of 37.53 cents per pound, and the April 1944 average of 34.83 cents per pound. The average for all dry buttermilk sold in April was 9.83 cents per pound, compared to a March average of 10.10 cents per pound, and an average of 13.01 cents per pound in April last year. Compared with April 1944, the price of dry buttermilk for human consumption was down about 1-1/2 cents per pound and for animal feed about 3/4 of a cent.