

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

(September 1943)

EVAPORATED AND CONDENSED MILK

Production of evaporated milk, case goods, continues to exceed that of a year earlier. The September output, estimated at 232,763,000 pounds, was 5 percent larger than that of September last year, 24 percent larger than the September 5-year (1937-41) average, and with the exception of 1941, was the largest September production ever recorded. Production of condensed milk, case goods, also continues to exceed that of a year earlier, as it has since December of last year. Estimated at 8,079,000 pounds, the September production was 19 percent larger than that of September last year, and 43 percent larger than the September 5-year (1937-41) average. For the first 9 months of 1943, January to September inclusive, production of evaporated milk, case goods, is estimated at 2,562,053,000 pounds, a decrease of 14 percent. During the same nine months, the production of condensed milk, case goods, is estimated at 85,687,000 pounds, an increase of 73 percent.

With the exception of sweetened condensed skim milk, production of bulk goods in September was smaller than in September last year. Plain condensed whole milk at 7,616,000 pounds, was 25 percent less; sweetened condensed whole milk at 3,319,000 pounds, was 40 percent less; and plain condensed skim milk at 25,615,000 pounds, was 10 percent less. Sweetened condensed skim milk, however, at 20,144,000 pounds, was 12 percent higher. These same trends also show in the production of bulk goods for the period of January to September inclusive, with plain condensed whole milk being 16 percent under a year earlier, sweetened condensed whole milk, 28 percent, plain condensed skimmed milk, 2 percent, and sweetened condensed skim milk 17 percent higher.

Stocks of evaporated milk, case goods, dropped 47,415,000 pounds during September, but at 329,364,000 pounds on October 1 were 141 percent larger than the stocks of October 1 last year, and 11 percent higher than the 5-year (1937-41) October 1 average. Included in the 5-year average, however, are three years of extremely heavy October 1 stocks. Stocks of condensed milk, case goods, on October 1 totaled 10,238,000 pounds, 147 percent larger than the stocks of October 1 last year, 17 percent larger than the 1937-41 October 1 average, and the largest October 1 stocks since 1936.

Condenseries paid an average of \$2.64 per hundredweight, delivered at plants, for milk testing 3.5 percent butterfat, during September. This is an increase of 2 cents over the August average and 51 cents over the September average of last year. The number of producers delivering milk to condenseries in September was smaller than the number delivering in September last year but the average amount delivered per producer was up 2 percent, and 9 percent over the 5-year September average.

Manufacturers' prices of case goods in September were unchanged from those of a month earlier, with evaporated milk averaging \$4.15 per case of 48-14½ oz. cans, and condensed milk \$5.84 per case of 48-14 oz. cans. Average prices of bulk goods reported sold changed slightly, but these variations, both regional and for the United States, were caused primarily by changes in the relation between quantities sold at specific price levels because of grade differences.

DRIED MILK

Total production of dried skim milk for human consumption in September was 33,250,000 pounds (estimated), a decrease of 24 percent under the production of September last year, and an increase of 53 percent over the 5-year (1937-41) September average. For the first 9 months of 1943 -- January to September, inclusive -- production was 389,212,000 pounds, a decrease of 17 percent under a year earlier.

Spray-dried skim milk for human consumption in September was 17,150,000 pounds, a decrease of 30 percent under the production of the same month last year. Estimated at 199,900,000 pounds, the January to September production was 15 percent less than that of the same period last year. Roller-dried skim milk in September totaled 16,100,000 pounds, a decrease of 17 percent under the production of September last year. Estimated production for January to September, inclusive, totaled 189,312,000 pounds, a decrease of 18 percent.

Production of dried skim milk for animal feeding is showing no material change in its recent level. The September output of 1,400,000 pounds was 61 percent under that of September last year and 84 percent under the September 5-year (1937-41) average. For the 9 months of January to September, the production of dried skim milk for animal feeding was 60 percent less than the production of the same period last year.

<u>DRIED SKIM MILK</u>			<u>DRIED WHOLE MILK</u>		<u>DRIED BUTTERMILK</u>		
<u>(Bulk goods)</u>			<u>(Bulk goods)</u>		<u>(Bulk goods)</u>		
<u>Reported Sales</u>			<u>Reported Sales</u>		<u>Reported Sales</u>		
<u>Pounds</u>							
<u>Price</u>	<u>Human</u>	<u>Animal</u>	<u>Price</u>	<u>Pounds</u>	<u>Price</u>	<u>Human</u>	<u>Animal</u>
	<u>food</u>	<u>feed</u>				<u>food</u>	<u>feed</u>
5 - 5½¢	-	7,213	19--19½¢	152,580	7 -7½¢	-	76,137
5½ - 6	-	1,665	20 -20½¢	4,660	7½ -8	-	100,875
6 - 6½	-	6,096	25 -25½	134,900	8 -8½	-	455,406
6½ - 7	-	9,110	25½ -26½	647,250	8½ -9	-	571,897
7 - 7½	-	24,608	26½ -27½	1,181,860	9 -9½	-	136,880
7½ - 8	-	29,492	27½ -28½	200,000	9½ -10	-	68,708
8 - 8½	-	618,820	28½ -29½	204,750	10 -10½	18,258	224,746
8½ - 9	-	94,618	29½ -30½	134,698	10½ -11	20,250	23,260
9 - 9½	-	135,723	30½ -31½	50,240	11 -11½	129,503	7,435
9½ - 10	-	32,355	31½ -32½	641,022	11½ -12	13,000	26,200
10 - 10½	-	198,944	32½ -33½	182,800	12 -12½	110,388	-
10½ - 11	-	15,725	33½ -34½	1,053,902	12½ -13	81,389	264,700
11 - 11½	2,618	25,500	35½ -36½	758,918	13 -13½	1,256,849	-
11½ - 12	522,438	6,400	36½ -37½	5,123,754	13½ -14	23,625	-
12 - 12½	1,191,894	2,498	37½ -38½	161,662	14½ -15	2,250	-
12½ - 13	12,116,043	-			15½ -16	3,190	-
13 - 13½	3,427,077	-					
13½ - 14	1,555,746	-					
14 - 14½	1,192,971	-					
14½ - 15	14,687,336	-					
15 - 15½	2,788,597	-					
15½ - 16	1,787,373	-					
16 - 16½	20,209	-					
16½ - 17	65,250	-					
<u>TOTAL</u>	<u>39,357,552</u>	<u>1,208,767</u>		<u>10,632,996</u>		<u>1,658,702</u>	<u>1,956,244</u>
<u>GRAND TOTAL</u>	<u>40,566,319</u>					<u>3,614,946</u>	
<u>AVERAGE PRICE</u>	<u>13.79¢</u>	<u>8.63¢</u>				<u>12.84¢</u>	<u>9.23¢</u>
September 1943		13.64¢		33.51¢			10.89¢
August 1943		13.60		33.54			10.76
September 1942		12.72		25.93			9.85

Production of dried buttermilk was also sharply less than that of a year earlier. The September output was 3,250,000 pounds, a decrease of 31 percent under a year earlier and 26 percent under the 5-year (1937-41) September average. However, for the full period from January to September, production was only 7 percent less than that of the same months last year, because of higher increases during the first several months of the period this year.

Production of dried whole milk in September totaled 9,450,000 pounds, a decrease of 49 percent over a year earlier and 356 percent over the September 5-year (1937-41) average. The margin of increase over a year earlier in the production of dried whole milk has narrowed to some extent in the last several months. For the 9-month period ending September, 1943, production (revised) was 119 percent larger than that of a year earlier, whereas at the end of the first 6 months it was 147 percent larger.

Stocks of dried skim milk for human consumption held by manufacturers on October 1, mostly for deliveries on government orders under the Lend-Lease program, were 29 percent larger than those of October 1 last year. Stocks of dried whole milk on the same date were only 6 percent larger than a year earlier, 100 percent larger than the 5-year (1937-41) October 1 average.

The average price of dried skim milk sold by manufacturers for human consumption during September was 13.79 cents per pound -- unchanged from the August average. The average of dried skim milk sold for animal feeding was 8.63 cents per pound, slightly less than the August average of 8.79 cents. Dried whole milk averaged 33.51 cents per pound in September, compared with 33.54 cents in August, and dried buttermilk, 10.89 cents in September, compared with 10.76 cents in August.

	Unit	SEPTEMBER		September Average
		1943	1942	1937-41
Purchases, reported total	Pounds	475,120,000	474,572,000	363,986,000
Producers,	Number	150,000	153,000	125,000
Average daily purchases per producer	Pounds	105.6	103.4	97.1
Changes in purchases per producer 1943 from '42	Percent	+ 2.1	xxx	xxx
1943 from 5-year average	"	+ 8.8	xxx	xxx

*These figures represent milk purchases primarily for the manufacture of evaporated and condensed milk.

AVERAGE WHOLESALE SELLING PRICES EVAPORATED AND CONDENSED MILK BY GEOGRAPHIC SECTIONS SEPTEMBER 1943*

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	Dollars	Whole	Skimmed	Whole	Skimmed
	Dollars per hundredweight					
New England	4.20	5.82	--	4.50	12.42	9.00
Mid Atlantic	4.15	5.82	11.50	4.50	13.11	9.19
South Atlantic	4.13	5.82	11.30	4.60	--	8.96
E. No. Central	4.11	5.90	9.25	3.50	11.99	8.70
W. No. Central	4.11	--	8.61	3.80	11.75	8.00
South Central	4.10	5.90	9.35	4.95	11.40	10.05
North Western	4.22	--	--	--	--	--
South Western	4.23	--	--	4.59	12.25	9.50
U.S. SEPTEMBER 1943	4.15	5.84	10.25	4.25	12.29	9.01
U.S. AUGUST 1943	4.15	5.84	9.72	4.13	12.12	8.83
U.S. SEPTEMBER 1942	3.66	5.83	8.59	3.81	11.55	8.15

*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.

PRICES PAID PRODUCERS FOR 3.5% MILK F.O.B. FACTORY FOR SEPTEMBER 1943 8 GEOGRAPHIC SECTIONS

Geographic Section	Number of factories reporting	Price per cwt.		Average Dollars
		Range Dollars		
New England	1	--		--
Mid Atlantic	8	2.67-2.88		2.75
South Atlantic	8	2.41-3.30		2.67
E. No. Central	94	2.40-3.12		2.61
W. No. Central	12	2/2.34-2.67		2.55
South Central	12	2.45-2.58		2.50
North Western	11	2.46-2.69		2.59
South Western	23	2.50-3.12		2.88
U.S. SEPTEMBER 1943	168	2.34-3.30		2.64
U.S. AUGUST 1943	169	2/2.29-3.30		2.62
U.S. SEPTEMBER 1942	168	1.97-2.62		2.13

6 EVAPORATED MILK MARKETING AGREEMENT SECTIONS

Section	September 1943	August 1943	September 1942
	Dollars	Dollars	Dollars
1	2.62	2.61	2.10
2	2.75	2.73	2.23
3	2.53	2.50	1.97
4	2.61	2.60	2.16
5	2.57	2.56	2.28
6	3.00	2.92	2.47
U.S. Average	2.64	2.62	2.13

1/ Reports not received from 7 factories in these areas which base prices on formula in evaporated milk market agreements. Formula price for this area in September \$2.03. Prices paid at Midwest condenseries promulgated officially under the New York and Chicago Marketing Milk Order for September, New York City \$2.80345 Chicago \$2.500.

2/ Correction: August price range for West North Central Section \$2.29-\$2.37, not \$2.47-\$2.57; for U. S. \$2.29-\$3.30 not \$2.40-\$3.30 as published.

EVAPORATED MILK MARKETING AGREEMENT MINIMUM PRICES FOR SEPTEMBER

Section 1 - \$1.962	Section 2 - \$2.032	Section 3 - \$1.774
Section 4 - \$1.598	Section 5 - \$1.627	Section 6 - \$1.785

PRODUCTION OF EVAPORATED, CONDENSED AND DRIED MILK

10/28/43

Commodity	September 1943	September 1942	Change in Sept. 1943 from		Cumulative total	Change
	1/	2/	1942	1937-41 average	Jan.-Sept. 1943	from Jan. Sept. 1942
	Thousand pounds	pounds	Percent		Thous. lbs.	Percent
Evaporated and Condensed Milk						
Evaporated (case goods)	232,763	221,679	+ 5	+ 24	2,562,053	- 14
Condensed (case goods)	8,079	6,789	+ 19	+ 43	85,687	+ 73
Plain Condensed Whole (bulk)	7,616	10,154	- 25	- 21	86,173	- 16
" " Skimmed (bulk)	25,615	28,461	- 10	+ 17	247,955	- 2
Sweetened Condensed Whole (bulk)	3,319	5,531	- 40	- 30	42,828	- 28
" " Skimmed (bulk)	20,144	17,986	+ 12	+ 68	214,072	+ 17
Dried Milk						
Dried Whole	9,450	6,363	+ 49	+356	4/98,175	+119
Dried Skim (Human Food):						
Spray Process	17,150	24,528	- 30	3/	199,900	- 15
Roller Process	16,100	19,429	- 17	3/	189,312	- 18
Total (Human Food)	33,250	43,957	- 24	+ 53	389,212	- 17
Dried Skim (Animal Feed)	1,400	3,611	- 61	- 84	21,409	- 60
Total Dried Skim	34,650	47,568	- 27	+ 14	410,621	- 21
Dried Buttermilk	3,250	4,723	- 31	- 26	51,813	- 7

1/ Estimated. Subject to revision when the final report is available for 1942. 2/ Preliminary figures. 3/ Spray and roller-dried skim not reported separately prior to 1942. 4/ Through the inadvertent inclusion of dried milk with part of the butterfat removed, the July estimate of dried whole milk production was too high. Corrected July production - 12,200,000 pounds. Corrected cumulative production end of July 79,600,000 pounds.

STOCKS OF EVAPORATED, CONDENSED AND DRIED MILK OCTOBER 1

Commodity	1943	1942	Average	Change in 1943 from	
	1/	1/	1937-41	1942	Av. 1937-41
	Thousand pounds	pounds	Thous. lbs.	Percent	Percent
Evaporated and Condensed Milk					
Evaporated (case goods)	329,364	136,626	296,273	+141	+ 11
Condensed (case goods)	10,238	4,149	8,732	+147	+ 17
Dried Milk					
Dried Whole	10,418	9,813	5,221	+ 6	+100
Dried Skim (Human Food):					
Spray Process	18,526	2/	2/	2/	2/
Roller Process	18,098	2/	2/	2/	2/
Total (Human Food)	36,624	28,432	29,389	+ 29	+ 25
Dried Skim (Animal Feed)	722	3,960	5,518	- 82	- 87
Total Dried Skim	37,346	32,392	34,907	+ 15	+ 7
Dried Buttermilk	3,184	6,677	4,986	- 52	- 36

1/ Revised to include late reports. 2/ Not reported separately prior to January 1, 1943.

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