

EVAPORATED, CONDENSED, AND DRY MILK
REPORT FOR NOVEMBER 1959

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PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production during November is estimated at 124,700,000 pounds, the smallest output for the month in 2 decades, the Crop Reporting Board reports. This is 5 percent smaller than November output last year and 15 percent below the 1953-57 November average. Cumulative output for the first 11 months of 1959 totaled 2,130,300,000 pounds, down 1 percent from the same period of 1958.

Production of canned sweetened condensed whole milk during November was 4,370,000 pounds, a gain of 13 percent over the same month a year earlier and 16 percent above the 1953-57 average for November. Output in 1959 through November totaled 56,820,000 pounds, 7 percent more than in the first 11 months of 1958.

DRY MILK: November production of all major dry milk products, except dry skim milk for animal feed, was larger than a year earlier, the Crop Reporting Board reports. Compared with November 1958, output of total nonfat dry milk for human food was up 2 percent; dry whole milk jumped 15 percent; and dry buttermilk increased 9 percent; while dry skim milk for animal feed dropped 16 percent.

Production of total nonfat dry milk for human food (spray and roller process combined) during November is estimated at 104,600,000 pounds, a gain of 2 percent over a year earlier and 32 percent above the 1953-57 November average. Cumulative output for the first 11 months totaled 1,585,500,000 pounds, practically unchanged from the same period in 1958.

Spray-dried nonfat milk production continued at a record high level during November. The 97,000,000 pounds produced during the month exceeded output of a year earlier by 2 percent and the 1953-57 November average by 36 percent. January through November production totaled 1,460,100,000 pounds, 1 percent more than was produced during the first 11 months of 1958.

Roller-dried nonfat milk production rose contraseasonally in November. At 7,600,000 pounds, November output was up 9 percent from October in contrast to an average decline of 10 percent. This production was 10 percent above November 1958 but practically the same as the 1953-57 average for the month. In 1959 through November, output totaled 125,400,000 pounds, down 11 percent from the January-November production last year.

Output of dry whole milk in November was 8,000,000 pounds, a gain of 15 percent over a year earlier and 2 percent above the 5-year average for November. Cumulative production for 1959 through November totaled 87,200,000 pounds, off 1 percent from the same period of 1958.

November production of dry buttermilk was a record high 5,400,000 pounds, 9 percent larger than in November 1958 and 39 percent above the 1953-57 average for the month. During the first 11 months of 1959, output totaled 67,950,000 pounds, down 4 percent from the January through November period in 1958.

Only 760,000 pounds of dry skim milk for animal feed were produced during November, a loss of 16 percent from a year earlier and 21 percent below the 5-year November average. Total output in 1959 through November at 14,515,000 pounds was 1 percent smaller than in the first 11 months of 1958.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' stocks of evaporated whole milk on November 30 were reported at 279,028,000 pounds. This was 2 percent above holdings of a year earlier, but 6 percent below the 1953-57 end-of-November average. The 4,270,000 pounds of canned sweetened condensed whole milk held by manufacturers on November 30 represented a drop of 24 percent from end-of-November holdings last year and were 40 percent below the 5-year average for the date. Manufacturers' holdings were the smallest for November 30 since 1942.

Manufacturers' selling prices of evaporated whole milk averaged \$6.34 per case of 48 14½-oz. cans during November. This was 9 cents per case higher than the October average, 20 cents above the November price last year and the second highest November average price of record. Compared with the preceding month, November prices showed advances of 15 cents per case in Northwestern States, 14 cents in the Southwest and from 7 to 10 cents per case in the other sections of the country.

Prices paid producers by condenseries during November averaged \$3.61 per hundredweight for milk testing 4.31 percent fat or an average of 84 cents per pound of milkfat. By States, milkfat prices ranged from a low of 75 cents per pound in Alabama to a high of 90 cents in Wisconsin.

Reporting condenseries for which historic data are available purchased 373,941,000 pounds of milk from approximately 97,000 producers during November. Average daily purchases per producer were 128.5 pounds, up 7 percent from a year earlier and 24 percent above the 1953-57 average for November.

DRY MILK: Reporting manufacturers' stocks of total nonfat dry milk for human food on November 30 were 7 percent larger than at this time last year and 19 percent above average for the date. The 80,222,000 pounds of spray-dried nonfat milk held by reporting manufacturers were 15 percent more than end-of-November stocks last year, 34 percent above average and the second largest November 30 holdings of record. Meanwhile, stocks of roller-dried nonfat milk continued sharply below a year earlier and on November 30 were at the lowest level of record for that date. The 5,282,000 pounds in the hands of reporting manufacturers represented drops of 47 percent from November 30 a year ago and 55 percent from the end-of-November average.

November 30 stocks of dry whole milk were also off sharply from a year earlier. This marked the 29th consecutive month in which manufacturers' holdings of dry whole milk were smaller than on the same date the preceding year. Manufacturers reported holdings at 5,343,000 pounds, 27 percent less than on November 30, 1958 and 50 percent below the 1953-57 average for the end of November.

Stocks of dry skim milk for animal feed totaled 671,000 pounds, up 21 percent from November 30 a year ago but down 29 percent from the 5-year average for the date. Manufacturers reported 4,662,000 pounds of dry buttermilk on hand, an increase of 19 percent over November 30, 1958 but a decrease of 7 percent from the 1953-57 end-of-November average.

Reporting manufacturers shipped smaller quantities of all major dry milk products, except spray-dried nonfat milk for human food, during November 1959 than a year earlier. A 3 percent increase in movement of spray-dried nonfat milk more than offset a 16 percent drop in the volume of roller-dried nonfat shipped. As a result November shipments of total nonfat dry milk for human food were 2 percent larger than those of November 1958.

Total movement of dry whole milk was down 9 percent from November 1958 and was at the second lowest level for the month in 17 years. November shipments of dry buttermilk were 12 percent smaller than a year earlier, while movement of dry skim milk for animal feed was off 39 percent from November 1958 and the smallest of record for the month.

Manufacturers' selling prices of nonfat dry milk for human food averaged 13.74 cents per pound, up 0.1 cent from both the preceding month and the November average in 1958. Prices of spray-dried nonfat milk averaged 13.80 cents per pound, 0.1 cent higher than in October and fractionally above November 1958. Roller-dried nonfat milk averaged 13.07 cents per pound, up 0.2 cent from October and 0.4 cent higher than in November a year ago.

November selling prices of dry whole milk in all sizes of packages averaged 39.00 cents per pound, an advance of 1.4 cents over October and 0.8 cent above November 1958. Most of the increase over the preceding month in the average price resulted from an increase in the volume shipped in higher-priced 1-2½ and 5-pound package sizes, whose prices declined during November, while miscellaneous large packages increased only 0.3 cent per pound.

In 1-2½ pound packages, prices of dry whole milk averaged 44.92 cents per pound, down 0.3 cent from the preceding month and 2.6 cents from November a year ago. In 5-pound packages November prices averaged 41.68 cents per pound, off fractionally from October, but up 1.8 cents from November 1958. In miscellaneous large packages, mostly barrels and drums, prices averaged 32.36 cents per pound, a gain of 0.3 cent per pound from the preceding month, and 1.0 cent per pound above November 1958.

Selling prices of dry buttermilk for human food and animal feed combined averaged 13.61 cents per pound in November. This was 0.1 cent higher than the October average and 0.6 cent per pound higher than November 1958. Dry skim milk for animal feed averaged 9.99 cents per pound, practically unchanged from a month earlier, but 0.4 cent per pound higher than in November 1958.

U. S. Department of Agriculture purchases of nonfat dry milk for price support and Section 32 purposes in December through the 28th totaled 62,801,000 pounds. November purchases were 24,713,000 pounds and for the 1959 marketing year April 1 through December 28th totaled 495,794,000 pounds. All supplies of nonfat dry milk held by the Department on December 28th had been committed for use. On October 12, the Department suspended sales of nonfat dry milk for use as animal feed until further notice. Therefore, no sales were made to the trade for that purpose during December through the 28th. For the entire marketing year April 1 through December 28th, 28,964,000 pounds of nonfat dry milk were sold back to the trade for animal feed.

Table 1.-Evaporated, condensed, and dry milk: Production, November 1959

Commodity	November 1958 ^{1/}	November 1959 ^{2/}			Jan.-Nov. 1959	
		Total	Change from--		Total	Change from Jan.-Nov. 1958
			Nov. 1953-57 average	Nov. 1958		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods)...	131,902	124,700	-15	- 5	2,130,300	- 1
Condensed whole (case goods)....	3,862	4,370	+16	+13	56,820	+ 7
<u>Dry milk:</u>						
Dry whole milk.....	6,956	8,000	+ 2	+15	87,200	- 1
Nonfat dry milk (human food):						
Spray process.....	95,547	97,000	+36	+ 2	1,460,100	+ 1
Roller process.....	6,897	7,600	0	+10	125,400	-11
Total.....	102,444	104,600	+32	+ 2	1,585,500	0
Dry skim milk (animal feed).....	910	760	-21	-16	14,515	- 1
Dry buttermilk.....	4,976	5,400	+39	+ 9	67,950	- 4

^{1/} Enumerations.
^{2/} Estimates.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks November 30, 1959

Commodity	Average Nov. 30, 1953-57	Nov. 30, 1958 ^{2/}	November 30, 1959		
			Total	Change from--	
				Nov. 30, 1953-57 av.	Nov. 30, 1958
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods)...	295,632	274,851	279,028	- 6	+ 2
Condensed whole (case goods)....	7,079	5,604	4,270	-40	-24
<u>Dry milk:</u>					
Dry whole milk.....	10,604	7,282	5,343	-50	-27
Nonfat dry milk (human food):					
Spray process.....	59,986	69,858	80,222	+34	+15
Roller process.....	11,720	9,886	5,282	-55	-47
Total.....	71,706	79,744	85,504	+19	+ 7
Dry skim milk (animal feed).....	947	554	671	-29	+21
Dry buttermilk.....	5,009	3,906	4,662	- 7	+19

^{1/} Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.
^{2/} Revised to include late reports.

Table 3.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, November 1959 ^{1/}

Price per pound ^{2/}	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk	
	Spray process ^{3/}	Roller process		Human food	Animal feed
Cents	Pounds	Pounds	Pounds	Pounds	Pounds
7 -7½	-	-	4,306	-	-
7½-8	-	-	9,988	-	-
8 -8½	-	-	34,513	-	-
9 -9½	-	-	54,200	-	29,300
9½-10	-	-	55,657	-	58,880
10 -10½	-	-	106,696	-	101,280
10½-11	-	-	38,713	-	43,145
11 -11½	-	40,075	64,647	-	113,930
11½-12	-	43,152	11,666	31,300	-
12 -12½	-	427,691	16,950	25,900	82,200
12½-13	5,120,097	3,544,265	-	454,100	3,077
13 -13½	19,229,282	891,768	-	267,705	-
13½-14	16,084,371	466,235	-	472,825	-
14 -14½	17,953,034	750,207	-	402,317	-
14½-15	3,387,877	212,230	-	523,630	-
15 -15½	2,517,632	-	-	53,350	-
15½-16	1,915,020	-	-	-	-
16 -16½	899,763	-	-	109,200	-
16½-17	-	-	-	200,550	-
17 -17½	264,745	-	-	15,800	-
Dry whole milk ^{4/}					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	Pounds	Pounds	Pounds	Pounds	
29½-30½	-	-	211,490	211,490	
31½-32½	-	-	1,117,030	1,117,030	
32½-33½	-	-	749,855	749,855	
33½-34½	-	-	135,700	135,700	
34½-35½	-	-	175,162	175,162	
35½-36½	-	25,882	50,750	76,632	
36½-37½	-	54,035	-	54,035	
37½-38½	35,496	-	-	35,496	
39½-40½	202,272	-	-	202,272	
40½-41½	39,000	150,690	-	189,690	
42½-43½	-	468,180	-	468,180	
43½-44½	-	9,990	-	9,990	
45½-46½	1,682,184	-	-	1,682,184	

^{1/} Excludes shipments for which prices were not reported. For total reported see table 4.

^{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 4.-Dry milk: Manufacturers' reported shipments, November 1959 1/

Commodity	November 1958	October 1959	November 1959		
			Total	Change from--	
				November 1958	October 1959
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	6,243	5,057	5,680	- 9	+12
Nonfat dry milk (human food):					
Spray process 2/.....	73,460	85,845	75,972	+ 3	-12
Roller process.....	8,072	7,015	6,784	-16	- 3
Total.....	81,532	92,860	82,756	+ 2	-11
Dry skim milk (animal feed).....	754	966	462	-39	-52
Dry buttermilk:					
For human food.....	3,189	3,551	2,918	- 8	-18
For animal feed.....	649	506	462	-29	- 9
Total.....	3,838	4,057	3,380	-12	-17

1/ Includes shipments for which prices were not reported.

2/ Excludes spray-dried nonfat milk sold in packages of retail size.

Table 5.-Dry milk: Manufacturers' average selling price per pound, f.o.b. plant, November 1959 1/

Month	Nonfat dry milk 2/			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			Total
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. 3/	
Nov. 1953-57	15.54	13.99	15.30	9.90	15.24	14.16	8.69	12.48	44.01	39.68	33.30	38.57
Nov. 1958...	13.76	12.62	13.65	9.64	13.61	13.65	10.09	13.04	47.57	39.91	31.36	38.18
Oct. 1959...	13.68	12.92	13.62	9.98	13.59	13.96	10.46	13.52	45.23	41.72	32.05	37.64
Nov. 1959...	13.80	13.07	13.74	9.99	13.72	14.08	10.64	13.61	44.92	41.68	32.36	39.00

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/ Includes barrels and drums.

4/ Excludes spray-dried nonfat milk sold in packages of retail size.

Table 6.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1½-oz. cans, in carlots, by geographic divisions, November 1959 1/

Geographic division	November 1958	October 1959	November 1959
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
New England.....	6.09	6.18	6.28
Middle Atlantic.....	6.06	6.14	6.22
South Atlantic.....	6.13	6.19	6.26
East North Central.....	6.05	6.16	6.23
West North Central.....	6.21	6.30	6.39
South Central.....	6.18	6.35	6.44
North Western.....	6.27	6.38	6.53
South Western.....	6.32	6.42	6.56
United States.....	6.14	6.25	6.34

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 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, November 1959 ^{1/}

State and division	November 1958			October 1959			November 1959		
	Milk price per 100 pounds	Milkfat		Milk price per 100 pounds	Milkfat		Milk price per 100 pounds	Milkfat	
		Test	Price per pound		Test	Price per pound		Test	Price per pound
	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars
Pa.	3.22	3.88	.83	3.33	3.85	.86	3.37	3.82	.88
M.Atl. ^{2/}	3.22	3.88	.83	3.33	3.85	.86	3.37	3.82	.88
Md.	3.71	4.43	.84	3.72	4.36	.85	3.87	4.49	.86
Va.	3.76	4.93	.76	3.62	4.73	.77	3.74	4.85	.77
S.Atl. ^{2/}	3.74	4.79	.78	3.65	4.69	.78	3.78	4.80	.79
Ohio	3.55	4.23	.84	3.51	4.09	.86	3.66	4.24	.86
Ind.	3.66	4.28	.86	3.58	4.19	.85	3.77	4.40	.86
Ill.	3.29	3.87	.85	3.31	3.85	.86	3.36	3.90	.86
Mich.	3.36	3.95	.85	3.44	4.01	.86	3.54	4.08	.87
Wis.	3.35	3.84	.87	3.46	3.91	.88	3.51	3.89	.90
E.N.C. ..	3.42	4.00	.86	3.46	3.98	.87	3.55	4.04	.88
Mo.	3.72	4.68	.79	3.77	4.74	.80	3.81	4.76	.80
Kans.	3.45	4.18	.83	3.51	4.27	.82	3.52	4.26	.83
W.N.C. ^{2/}	3.48	4.14	.84	3.59	4.31	.83	3.61	4.28	.84
Ky.	3.73	4.92	.76	3.65	4.84	.75	3.75	4.95	.76
Tenn.	3.78	4.98	.76	3.71	4.87	.76	3.77	4.95	.76
Ala.	3.78	4.99	.76	3.61	4.81	.75	3.75	4.97	.75
Miss.	3.80	5.09	.75	3.81	4.93	.77	3.95	5.11	.77
Ark.	3.78	4.79	.79	3.74	4.78	.78	3.79	4.82	.79
S.Cent. ^{2/}	3.76	4.94	.76	3.70	4.86	.76	3.79	4.95	.77
Idaho	3.53	4.02	.88	3.33	3.88	.86	3.45	3.91	.88
Wash.	3.53	4.48	.79	3.63	4.25	.85	3.82	4.40	.87
N.W. ^{2/} ..	3.57	4.17	.86	3.41	3.99	.85	3.51	4.01	.88
Utah	3.22	3.70	.87	3.10	3.64	.85	3.15	3.70	.85
Calif.	3.65	4.05	.90	3.58	3.96	.90	3.57	4.00	.89
S.W. ^{2/} ..	3.56	3.98	.89	3.50	3.90	.90	3.49	3.95	.88
U.S. ^{2/} ..	3.54	4.27	.83	3.55	4.29	.83	3.61	4.31	.84

^{1/} Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported.
^{2/} Includes data for some States not shown separately.

Table 8.-Milk bought by condenseries: Quantity bought, and number of producers, November 1959 ^{1/}

Item	Average Nov. 1953-57	Nov. 1958 ^{2/}	Nov. 1959
Milk bought from producers..... pounds	392,521,000	365,864,000	373,941,000
Producers..... number	126,000	102,000	97,000
Average per producer per day..... pounds	103.8	119.6	128.5
Change in purchases per producer:			
1959 from 1958..... percent	xxxx	xxxx	+ 7.4
1959 from 5-year average..... percent	xxxx	xxxx	+23.8

^{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.

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Condensery-pay-price for Chicago Milk Marketing Order:

The average price per hundredweight reported paid to producers
for the entire month by 12 Midwest condenseries for milk of
3.5% fat content used in calculating class prices:

November 1959
\$3.146

Chicago Area Nonfat Dry Milk Price:

The average price per pound received f.o.b. plant in carlots
covering the States of Illinois, Indiana, Michigan, Minnesota,
and Wisconsin:

Oct. 26-Nov. 25, 1959
Spray 13.42¢
Roller 12.63¢