

EVAPORATED, CONDENSED, AND DRY MILK
REPORT FOR NOVEMBER 1960

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PRODUCTION

EVAPORATED AND CONDENSED MILK: For the second successive month evaporated milk production exceeded that of a year earlier, the Crop Reporting Board reports. November output, at 139,200,000 pounds, was 12 percent more than that of a year earlier but 2 percent less than the November 1954-58 average.

Canned condensed whole milk for November was the highest for the month since 1956. Production of 5,725,000 pounds was 31 percent above November 1959 and 46 percent higher than the 5-year average for the month.

DRY MILK: For the 15th consecutive month, production of nonfat dry milk for human food (spray and roller process combined) continued at a record level for the month, the Crop Reporting Board reports. For November, production of 110,300,000 pounds was 5 percent larger than that of a year earlier and 29 percent above the November 1954-58 average. During the first 11 months of 1960, production totaled 1,699,100,000 pounds, a gain of 7 percent from the same period in 1959.

Spray-dried nonfat milk for November was 103,300,000 pounds, up 6 percent from a year earlier and 32 percent from the average for the month. Cumulative production for January-November was 1,559,900,000 pounds, 7 percent more than produced in that period of 1959.

Roller-dried nonfat milk output was 7,000,000 pounds, a decrease of 2 percent from November 1959 and 3 percent under the 5-year average for the month. Production during the first 11 months of 1960 totaled 139,200,000 pounds, a gain of 8 percent from the corresponding 11 months last year.

Dry whole milk production for November was 6,700,000 pounds the smallest output for the month since 1952. This was down 10 percent from November a year ago and was off 12 percent from the November average. Production for the period from January through November 1960 totaled 93,350,000 pounds, a gain of 4 percent from the same months of 1959.

Dry buttermilk production for November, at 5,450,000 pounds, was down 5 percent from last year's record high for the month, but was up 30 percent from the November 5-year average. Totalling 80,200,000 pounds for the first 11 months of 1960, output of dry buttermilk was 8 percent higher than for the corresponding period in 1959.

Production of dry skim milk for animal feed for November was 1,850,000 pounds, the largest for the month since 1942, a gain of 13 percent from a year earlier, and a sharp increase of 42 percent from the 5-year average for the month. Production for the first 11 months of the year at 20,500,000 pounds, however, was 4 percent smaller than that of the same period in 1959.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' stocks of evaporated whole milk were at the highest level for November 30 since 1956. With holdings at 293,379,000 pounds, stocks were up 5 percent from November 30, 1959 and up 4 percent from the 1954-58 average for the date. Holdings of 6,262,000 pounds of canned condensed whole milk at the end of November were 47 percent above a year earlier but 10 percent below the November 30 average.

Manufacturers' selling prices for November averaged \$6.33 per case of 48 14½-oz cans, unchanged from the preceding month but 1 cent less than the November 1959 prices. Declines from the preceding month, by regions, were: 1 cent per case in both New England and the Middle Atlantic; 3 cents in the Northwest and 2 cents in the Southwest. Price advances occurred in the remaining regions: South Atlantic and South Central, 1 cent and the East and West North Central, 2 cents.

Prices paid producers by condenseries averaged \$3.72 per hundredweight for milk testing 4.26 percent fat or an average of 87 cents per pound of milkfat. This price per pound is 1 cent higher than that of the preceding month and 3 cents above November 1959.

Milk purchases by reporting condenseries during November totaled 390,105,000 pounds, with purchases made from approximately 90,000 producers. Average daily purchases per producer were 144.5 pounds, a gain of between 12 and 13 percent from November 1959 and an increase of 33 percent from the 5-year average for the month.

DRY MILK: Manufacturers' stocks of total nonfat dry milk at the end of November were reported at 100,835,000 pounds, second highest quantity on record for the date. The record high for November 30 is 124,553,000 pounds, established in 1952. Stocks were 18 percent above a year earlier and 36 percent above the 5-year average for November 30. Spray-dried stocks were 86,628,000 pounds at the end of November, up 8 percent from this time last year and up 38 percent from the 5-year average for the date. Roller-dried stocks for November 30 were also at high levels for the date. Holdings of 14,207,000 pounds were 165 percent above November 30, 1959 and 26 percent above the average. Dry whole milk stocks were 5,401,000 pounds at the end of November, a gain of 1 percent from a year earlier but a loss of 45 percent from the 1954-58 November 30, average.

Stocks of dry buttermilk were 6,558,000 pounds at the end of November, 40 percent more than on this date a year ago and 69 percent more than average. Stocks of dry skim milk for animal feed were 1,232,000 pounds, up 81 percent from a year earlier and 51 percent from the 5-year average for the date.

Shipments by reporting manufacturers for all dry milk items during November were higher than for November 1959. Shipments of total nonfat dry milk were up 8 percent, dry whole milk up 1 percent and dry buttermilk up 30 percent.

Manufacturers' selling prices of total nonfat dry milk for human food averaged 13.93 cents per pound for November compared with 13.79 cents in the preceding month and 13.74 cents in November 1959. Spray-dried nonfat milk prices averaged 14.03 cents per pound compared with 13.90 cents in October, and 13.80 cents a year earlier. Roller-dried nonfat milk, at 12.77 cents, increased 0.2 cent from the preceding month but decreased 0.3 cent from November 1959.

Prices of dry whole milk in all sizes of packages averaged 36.64 cents per pound for November, a gain of 0.6 cent from the preceding month but a loss of 2.4 cents from November last year. In 1-2 $\frac{1}{2}$ pound packages, prices averaged 43.66 cents, a rise of almost 0.7 cent from October but a decline of 1.3 cents from a year earlier. The November average price of 5-pound packages was 40.69 cents, an advance of 1.3 cents from the preceding month but a decline of 1.0 cent from November a year ago. Dry whole milk in miscellaneous large packages, mostly barrels and drums, averaged 32.74 cents per pound. This was 0.4 cent higher than both the preceding month and a year earlier.

Selling prices of dry buttermilk for human food and animal feed combined averaged 13.77 cents a pound for November, an increase of nearly 0.5 cent from the preceding month and 0.2 cent from November 1959. Prices of dry skim milk for animal feed averaged 10.40 cents per pound for November, compared with 10.34 cents in October and 9.99 cents in November a year ago.

United States Department of Agriculture purchases of nonfat dry milk for price support and Section 32 purposes in December through the 28th totaled 78.9 million pounds. November purchases were 55.0 million pounds and for the 1960 marketing year April 1 through December 28 totaled 666 million pounds. On December 28 the Department held 176 million pounds of uncommitted supplies of nonfat dry milk.

Table 1.-Evaporated, condensed, and dry milk: Production, November 1960

Commodity	Nov. 1959 ^{1/}	November 1960 ^{2/}			Jan.-Nov. 1960	
		Total	Change from--		Total	Change from Jan.-Nov. 1959
			Nov. 1954-58 average	Nov. 1959		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)....	124,176	139,200	- 2	+12	2,032,500	- 5
Condensed whole (case goods).....	4,363	5,725	+46	+31	64,545	+15
Dry milk:						
Dry whole milk.....	7,484	6,700	-12	-10	93,350	+ 4
Nonfat dry milk (human food):						
Spray process.....	97,672	103,300	+32	+ 6	1,559,900	+ 7
Roller process.....	7,145	7,000	- 3	- 2	139,200	+ 8
Total.....	104,817	110,300	+29	+ 5	1,699,100	+ 7
Dry skim milk (animal feed).....	1,637	1,850	+42	+13	20,500	- 4
Dry buttermilk.....	5,767	5,450	+30	- 5	80,200	+ 8

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

Table 2.- Evaporated, condensed, and dry milk: Manufacturers' reported stocks
November 30, 1960 ^{1/}

Commodity	Average Nov. 30, 1954-58	Nov. 30, 1959 ^{2/}	November 30, 1960		
			Total	Change from--	
				Nov. 30, 1954-58 av.	Nov. 30, 1959
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)....	282,641	279,028	293,379	+ 4	+ 5
Condensed whole (case goods).....	6,991	4,270	6,262	-10	+ 47
Dry milk:					
Dry whole milk.....	9,797	5,343	5,401	-45	+ 1
Nonfat dry milk (human food):					
Spray process.....	62,789	79,990	86,628	+38	+ 8
Roller process.....	11,287	5,366	14,207	+26	+165
Total.....	74,076	85,356	100,835	+36	+ 18
Dry skim milk (animal feed).....	814	680	1,232	+51	+ 81
Dry buttermilk.....	3,887	4,696	6,558	+69	+ 40

^{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 1960 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
6 - 6½	-	-	5,138	-	-
7 - 7½	-	-	3,300	-	-
7½ - 8	-	-	7,120	-	-
8 - 8½	-	-	19,868	-	14,455
8½ - 9	-	-	14,514	-	2,950
9 - 9½	-	-	25,227	-	46,450
9½ - 10	-	-	18,959	-	-
10 - 10½	-	-	213,965	-	112,370
10½ - 11	-	-	137,314	-	62,300
11 - 11½	-	50,050	144,188	-	139,740
11½ - 12	-	933,731	6,801	45,000	172,703
12 - 12½	-	1,593,935	48,110	32,000	94,434
12½ - 13	746,150	1,919,900	7,245	174,800	-
13 - 13½	17,514,956	1,418,548	-	608,825	-
13½ - 14	28,172,193	955,055	-	168,600	-
14 - 14½	13,537,432	66,165	-	506,850	-
14½ - 15	5,496,467	333,346	-	952,626	-
15 - 15½	5,874,457	-	-	482,050	-
15½ - 16	4,987,268	-	-	-	-
16 - 16½	1,248,660	-	-	196,600	-
16½ - 17	24,929	-	-	13,000	-
17 - 17½	411,320	-	-	26,600	-
17½ - 18	4,290	-	-	-	-
Dry whole milk 4/					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	Pounds	Pounds	Pounds	Pounds	
28½ - 29½	-	-	186,000	186,000	
29½ - 30½	-	-	218,403	218,403	
30½ - 31½	-	-	156,000	156,000	
31½ - 32½	-	-	607,160	607,160	
32½ - 34½	-	83,880	739,660	823,540	
34½ - 35½	-	-	305,471	305,471	
35½ - 36½	-	151,580	3,500	155,080	
39½ - 40½	578,589	146,490	-	725,079	
40½ - 41½	-	40,800	56,350	97,150	
44½ - 45½	-	322,263	-	322,263	
47½ - 48½	542,578	-	-	542,578	

- 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 1960 ^{1/}

Commodity	Nov. 1959	Oct. 1960	November 1960		
			Total	Change from--	
				Nov. 1959	Oct. 1960
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	5,680	7,586	5,745	+ 1	-24
Nonfat dry milk (human food):					
Spray process ^{2/}	79,508	87,788	86,380	+ 9	- 2
Roller process.....	7,171	8,504	7,176	0	-16
Total.....	86,679	96,292	93,556	+ 8	- 3
Dry skim milk (animal feed).....	555	781	786	+42	+ 1
Dry buttermilk:					
For human food.....	2,974	3,714	3,814	+28	+ 3
For animal feed.....	497	756	689	+39	- 9
Total.....	3,471	4,470	4,503	+30	+ 1

^{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 1960 ^{1/}

Month	Nonfat dry milk ^{2/}			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. ^{3/}	Total
Nov. 1954-58	15.19	13.83	15.00	9.86	14.95	14.10	9.14	12.78	44.51	39.51	32.56	38.11
Nov. 1959...	^{4/} 13.80	13.07	13.74	9.99	13.72	14.08	10.64	13.61	44.92	41.68	32.36	39.00
Oct. 1960...	^{4/} 13.90	12.60	13.79	10.34	13.76	13.85	10.59	13.30	42.92	39.42	32.34	36.02
Nov. 1960...	^{4/} 14.03	12.77	13.93	10.40	13.90	14.28	10.93	13.77	43.66	40.69	32.74	36.64

^{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 14½-oz. cans, in carlots, by geographic divisions, November 1960 ^{1/}

Geographic division	November 1959	October 1960	November 1960
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
New England.....	6.28	6.24	6.23
Middle Atlantic.....	6.22	6.21	6.20
South Atlantic.....	6.26	6.26	6.27
East North Central.....	6.23	6.23	6.25
West North Central.....	6.39	6.42	6.44
South Central.....	6.44	6.40	6.41
North Western ^{2/}	6.53	6.49	6.46
South Western ^{3/}	6.56	6.54	6.52
United States.....	6.34	6.33	6.33

^{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 case or short time credit.

^{2/} Montana, Wyoming, Idaho, Washington and Oregon are included in the North Western Division.

^{3/} Colorado, New Mexico, Arizona, Nevada, Utah and California are included in the South Western Division.

Table 7.- Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, November 1960 ^{1/}

State and division	November 1959			October 1960			November 1960		
	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.	3.37	3.82	.88	3.34	3.83	.87	3.32	3.77	.88
M.Atl. ^{2/}	3.37	3.82	.88	3.34	3.83	.87	3.32	3.77	.88
Md.	3.87	4.49	.86	3.64	4.29	.85	3.75	4.36	.86
Va.	3.74	4.85	.77	3.67	4.60	.80	3.78	4.73	.80
S.Atl. ^{2/}	3.78	4.80	.79	3.64	4.55	.80	3.78	4.68	.81
Ohio.....	3.66	4.29	.85	3.54	4.08	.87	3.64	4.16	.88
Ind.	3.77	4.40	.86	3.77	4.12	.92	3.91	4.30	.91
Ill.	3.36	3.92	.86	3.47	3.82	.91	3.64	3.89	.94
Mich.	3.54	4.08	.87	3.50	3.97	.88	3.59	4.02	.89
Wis.	3.51	3.89	.90	3.66	3.82	.96	3.78	3.87	.98
E.N.C. ..	3.54	4.05	.87	3.60	3.92	.92	3.72	3.99	.93
Mo.	3.81	4.76	.80	3.81	4.58	.83	3.89	4.71	.83
Kans.	3.52	4.26	.83	3.49	4.04	.86	3.52	4.08	.86
W.N.C. ^{2/}	3.61	4.28	.84	3.61	4.19	.86	3.69	4.23	.87
Ky.	3.75	4.95	.76	3.77	4.74	.80	3.83	4.83	.79
Tenn.	3.77	4.95	.76	3.84	4.80	.80	3.89	4.89	.80
Ala.	3.75	4.97	.75	3.73	4.71	.79	3.80	4.84	.79
Miss.	3.95	5.11	.77	3.95	4.87	.81	3.99	4.95	.81
Ark.	3.79	4.82	.79	3.81	4.64	.82	3.89	4.77	.82
S.Cent. ^{2/}	3.79	4.95	.77	3.82	4.77	.80	3.88	4.86	.80
Idaho.....	3.52	3.97	.89	3.46	3.80	.91	3.55	3.92	.91
N.W. ^{2/} ..	3.58	4.06	.88	3.52	3.90	.90	3.59	4.00	.90
Utah.....	3.15	3.70	.85	3.23	3.62	.89	3.31	3.69	.90
Calif. ...	3.57	4.00	.89	3.53	3.89	.91	3.61	4.02	.90
S.W. ^{2/} ..	3.49	3.95	.88	3.48	3.85	.90	3.55	3.96	.90
U.S. ^{2/} ..	3.62	4.32	.84	3.63	4.20	.86	3.72	4.26	.87

^{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 1960 ^{1/}

Item	Average Nov. 1954-58	Nov. 1959 ^{2/}	Nov. 1960
Milk bought from producers..... pounds	383,810,000	374,041,000	390,105,000
Producers..... number	118,000	97,000	90,000
Average per producer per day..... pounds	108.4	128.5	144.5
Change in purchases per producer:			
1960 from 1959..... percent	xxxx	xxxx	+12.5
1960 from 5-year average.....percent	xxxx	xxxx	+33.3

^{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 11 Midwest condenseries for milk of 3.5% fat content used in calculating class prices:

Nov. 1960
\$ 3.402

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, 1960
Spray 13.76¢
Roller 12.54¢