

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR DECEMBER 1961

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January 31, 1962

PRODUCTION FEB 22 1962

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production for the year 1961 is estimated at 2,120 million pounds, down 3 percent from 1960, according to the Crop Reporting Board. The 1961 production was the smallest output since 1938 and was 13 percent below the 1955-59 annual average. December production, at 124.8 million pounds, was 11 percent below December a year earlier and 14 percent below average for the month.

Output of canned sweetened condensed whole milk in 1961 totaled 70.0 million pounds, 3 percent more than 1960 and 24 percent higher than the 1955-59 annual average. During December, 5.4 million pounds were produced, a gain of 13 percent over December 1960 and 16 percent above the average for the month.

DRY MILK: Annual production of nonfat dry milk for human food during 1961 is estimated by the Crop Reporting Board at a record high 2,010 million pounds. This is 11 percent above the previous high set in 1960 and 27 percent above the 1955-59 annual average production. Dry whole milk production in 1961 was down 15 percent from the previous year while dry buttermilk was up 3 percent and dry skim milk for animal feed, up 11 percent.

December output of nonfat dry milk for human food (spray and roller process combined) continued at a record high level for the tenth consecutive month. Production is estimated at 165.0 million pounds, 23 percent above December 1960 and 38 percent above the 1955-59 average for the month.

During 1961 a record high of 1,869 million pounds of spray-dried nonfat milk were produced. This is 12 percent above the 1960 production and 32 percent above the annual average. December output of 155.0 million pounds was 24 percent above December 1960 and 41 percent above the average for December.

Roller-dried nonfat milk production during the entire year of 1961 was 141.7 million pounds, down 3 percent from 1960 and 12 percent below the 1955-59 annual average production. The 10.0 million pounds manufactured in December were 17 percent above December 1960 and 5 percent above average for the month.

Dry whole milk output in 1961 totaled 83.0 million pounds, down 15 percent from 1960, 17 percent below the 5-year average, and the smallest annual production since 1942. December production was 7.2 million pounds, down 7 percent from the same month a year earlier and 12 percent less than the December average.

The 1961 annual production of dry buttermilk, at 89.0 million pounds, set a new record high, and was up 3 percent from the previous year and 27 percent larger than the 1955-59 average. December output was 7.2 million pounds, an increase of 17 percent over December 1960 and 27 percent above the December average.

Production of dry skim milk for animal feed totaled 28.7 million pounds in 1961, the highest annual production since 1942. The 1961 production was 11 percent above 1960 and 37 percent above the 5-year average. December output amounted to 2.2 million pounds, 5 percent above December 1960 and 38 percent above the December average.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Evaporated whole milk stocks held on December 31 by reporting manufacturers totaled 225.1 million pounds, 2 percent above a year earlier, and 5 percent above the 1955-59 average for the date. Holdings of canned sweetened condensed whole milk at the end of December were 5.6 million pounds, 14 percent below a year earlier, and 7 percent below average.

Manufacturers' selling prices for evaporated whole milk during December averaged \$6.29 per case of 48 14½-oz. cans. This price is unchanged for the ninth consecutive month, but 4 cents a case less than December a year ago. Compared with the preceding month, prices rose 1 cent per case in the Middle Atlantic, but held steady in all other sections of the country.

Prices paid producers by condenseries during December averaged \$3.63 per hundredweight for milk testing 4.17 percent milk or 87 cents per pound of milkfat. Price per pound of milkfat was up 1 cent from the previous month, but was 2 cents below December last year. By States, milkfat prices for December ranged from a high of 95 cents per pound in Wisconsin to a low of 79 cents in Virginia and Kentucky.

Reporting condenseries, for which historical data are available, purchased 375.4 million pounds of milk from approximately 78,000 producers in December. Average daily purchases per producer were 155.3 pounds, up 6 percent from a year earlier and 31 percent above the 5-year average.

DRY MILK: Total stocks of nonfat dry milk for human consumption held by reporting manufacturers on December 31 were 133.8 million pounds, 30 percent larger than a year earlier, 53 percent above average, and the largest end-of-December holdings on record. Spray-dried nonfat milk stocks totaled 122.4 million pounds, up 38 percent from December a year ago and 58 percent above average. Holdings of roller-dried nonfat milk, at 11.4 million pounds, were 19 percent below December 31 last year but 16 percent above the 1955-59 average for the date. Reporting manufacturers held 7.4 million pounds of dry whole milk at the end of December, 7 percent above a year earlier but 10 percent below average. Dry buttermilk stocks were 9.3 million pounds, an increase of 45 percent from December 31 a year earlier and 111 percent above the 1955-59 average. Holdings were the largest for the date since 1952. Stocks of dry skim milk for animal feed were 1.5 million pounds, 24 percent above December 1960 and 72 percent above average.

Total shipments of nonfat dry milk during December amounted to 116.9 million pounds, 1 percent above the previous month and 11 percent above December a year ago. Shipments were the largest for the month since records began in 1930. Dry whole milk shipments totaled 4.9 million pounds, 14 percent less than November and 6 percent below December 1960. Total shipments of dry buttermilk were 4.6 million pounds, 1 percent below the previous month and 9 percent less than December a year ago.

Manufacturers' selling prices of nonfat dry milk during December averaged 16.27 cents per pound, compared with 16.04 cents the previous month and 13.99 cents for December a year earlier. Spray-dried nonfat milk prices, at 16.39 cents per pound, were up 0.2 cent from a month earlier and up 2.3 cents from December 1960. Roller-dried nonfat milk averaged 14.21 cents per pound, about 0.1 cent above the November average and 1.5 cents above December 1960.

Selling prices of dry whole milk in all sizes of packages for December averaged 36.30 cents compared with 34.50 cents the previous month and 36.07 cents in December 1960. In 1-2½ pound packages, dry whole milk averaged 42.80 cents in December, 2.0 cents above the November price, but 2.2 cents below December a year earlier. In 5-pound packages, dry whole milk averaged 42.26 cents per pound, 1.0 cent above the previous month and 1.4 cents above the corresponding month a year ago. Dry whole milk in miscellaneous large packages (mostly barrels and drums) averaged 30.92 cents per pound, 0.2 cent below the November price and 1.4 cents less than in December a year ago.

Manufacturers' selling prices of dry buttermilk for human food and animal feed combined averaged 14.20 cents for December, down 0.2 cent from the preceding month but up 1.0 cent from a year earlier. Dry skim milk for animal feed averaged 11.67 cents per pound compared with 11.34 cents the previous month and 10.52 cents for December 1960.

Deliveries of nonfat dry milk to the United States Department of Agriculture during December were 83.2 million pounds and for the 1961 marketing year April 1 through December 31 totaled 850.6 million pounds. Deliveries during the corresponding period of 1960 totaled 602.1 million pounds. On January 24 the Department held 215.1 million pounds of uncommitted supplies of nonfat dry milk.

Table 1.-Evaporated, condensed, and dry milk: Production, December 1961

Commodity	Dec. 1960 <u>1/</u>	Dec. 1961 <u>2/</u>			Jan.-Dec. 1961	
		Total	Change from--		Total	Change from Jan.-Dec. 1960
			Dec. 1955-59 average	Dec. 1960		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods)...	139,590	124,800	-14	-11	2,119,700	- 3
Condensed whole (case goods)....	4,799	5,405	+16	+13	69,960	+ 3
<u>Dry milk:</u>						
Dry whole milk.....	7,771	7,200	-12	- 7	82,960	-15
Nonfat dry milk (human food):						
Spray process.....	125,288	155,000	+41	+24	1,868,800	+12
Roller process.....	8,581	10,000	+ 5	+17	141,700	- 3
Total.....	133,869	165,000	+38	+23	2,010,500	+11
Dry skim milk (animal feed).....	2,087	2,200	+38	+ 5	28,700	+11
Dry buttermilk.....	6,650	7,200	+27	+ 8	89,050	+ 3

1/ Enumerations.2/ Estimates.Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks
December 31, 1961 1/

Commodity	Average Dec. 31, 1955-59	Dec. 31, 1960 <u>2/</u>	December 31, 1961		
			Total	Change from--	
				Dec. 31, 1955-59 av.	Dec. 31, 1960
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods)...	213,736	220,987	225,080	+ 5	+ 2
Condensed whole (case goods)....	6,037	6,533	5,604	- 7	-14
<u>Dry milk:</u>					
Dry whole milk.....	8,200	6,890	7,390	- 10	+ 7
Nonfat dry milk (human food):					
Spray process.....	77,379	88,917	122,432	+ 58	+38
Roller process.....	9,818	14,160	11,410	+ 16	-19
Total.....	87,197	103,077	133,842	+ 53	+30
Dry skim milk (animal feed).....	854	1,188	1,473	+ 72	+24
Dry buttermilk.....	4,434	6,443	9,343	+111	+45

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, Dec. 1961 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	-	-	3,875	-	-
6½ - 7	-	-	1,800	-	-
8 - 8½	-	-	60,824	-	-
8½ - 9	-	-	7,997	-	-
9 - 9½	-	-	35,045	-	2,795
10 - 10½	-	-	111,890	-	256,675
10½ - 11	-	-	65,100	-	202,100
11 - 11½	-	-	156,837	-	192,900
11½ - 12	-	48,500	67,783	-	74,351
12 - 12½	-	1,200	161,324	-	54,595
12½ - 13	-	35,100	24,750	76,500	7,100
13 - 13½	572,800	136,455	35,756	467,986	4,500
13½ - 14	176,654	1,819,840	247,076	118,450	-
14 - 14½	783,239	2,461,260	2,031	102,901	-
14½ - 15	1,567,560	1,671,455	-	308,300	-
15 - 15½	3,443,286	220,548	-	708,850	-
15½ - 16	13,559,041	96,100	-	568,300	-
16 - 16½	43,172,702	-	-	524,500	-
16½ - 17	17,549,802	-	-	200,245	-
17 - 17½	6,562,899	-	-	10,100	-
17½ - 18	2,403,236	-	-	-	-
18 - 18½	5,086,892	-	-	-	-
18½ - 19	794,950	-	-	-	-
Dry whole milk 4/					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	Pounds	Pounds	Pounds	Pounds	
25½ - 26½	-	-	684,900	684,900	
29½ - 30½	-	-	94,000	94,000	
30½ - 31½	-	-	214,680	214,680	
31½ - 32½	-	-	181,900	181,900	
32½ - 33½	-	-	108,920	108,920	
33½ - 34½	-	78,060	168,250	246,310	
34½ - 35½	306,849	-	478,300	785,149	
36½ - 37½	-	-	155,800	155,800	
37½ - 38½	-	129,060	-	129,060	
40½ - 41½	345,228	-	-	345,228	
42½ - 43½	-	594,130	-	594,130	
44½ - 45½	-	327,389	-	327,389	
50½ - 51½	383,415	-	-	383,415	

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, December 1961 ^{1/}

Commodity	Dec. 1960	Nov. 1961	December 1961		
			Total	Change from--	
				Dec. 1960	Nov. 1961
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	5,205	5,652	4,873	- 6	-14
Nonfat dry milk (human food):					
Spray process ^{2/}	97,536	108,668	110,282	+13	+ 1
Roller process.....	7,364	7,234	6,643	-10	- 8
Total.....	104,900	115,902	116,925	+11	+ 1
Dry skim milk (animal feed).....	949	1,127	1,092	+15	- 3
Dry buttermilk:					
For human food.....	4,209	4,076	3,783	-10	- 7
For animal feed.....	873	621	859	- 2	+38
Total.....	5,082	4,697	4,642	- 9	- 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, December 1961 ^{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
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Dec. 1955-59	14.82	13.43	14.66	9.90	14.63	14.14	9.23	13.12	45.98	41.29	32.50	39.39
Dec. 1960...	^{4/} 14.09	12.67	13.99	10.52	13.96	13.86	10.61	13.25	44.96	40.81	32.29	36.07
Nov. 1961...	^{4/} 16.17	14.08	16.04	11.34	15.99	15.04	10.44	14.43	40.81	41.22	31.16	34.50
Dec. 1961...	^{4/} 16.39	14.21	16.27	11.67	16.22	14.98	10.78	14.20	42.80	42.26	30.92	36.30

^{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, December 1961 ^{1/}

Geographic division	Dec. 1960	Nov. 1961	Dec. 1961
	Dollars	Dollars	Dollars
New England.....	6.24	6.19	6.19
Middle Atlantic.....	6.20	6.15	6.16
South Atlantic.....	6.26	6.24	6.24
East North Central.....	6.25	6.21	6.21
West North Central.....	6.45	6.42	6.42
South Central.....	6.42	6.40	6.40
North Western ^{2/}	6.46	6.44	6.44
South Western ^{3/}	6.53	6.50	6.50
United States.....	6.33	6.29	6.29

^{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.^{2/} Includes Montana, Wyoming, Idaho, Washington and Oregon.^{3/} Includes Colorado, New Mexico, Arizona, Nevada, Utah and California.

Table 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, December 1961 ^{1/}

State and division	December 1960			November 1961			December 1961		
	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.	3.27	3.72	.88	3.37	3.82	.88	3.38	3.85	.88
M.Atl. ^{2/}	3.27	3.72	.88	3.37	3.82	.88	3.38	3.85	.88
Md.	3.78	4.35	.87	3.62	4.30	.84	3.62	4.24	.85
Va.	3.80	4.77	.80	3.67	4.68	.78	3.74	4.73	.79
S.Atl. ^{2/}	3.80	4.68	.81	3.66	4.61	.79	3.63	4.55	.80
Ohio.....	3.73	4.23	.88	3.53	4.20	.84	3.57	4.24	.84
Ind.	3.97	4.37	.91	3.70	4.18	.89	3.72	4.25	.88
Ill.	3.61	3.89	.93	3.57	3.90	.92	3.57	3.89	.92
Mich.	3.80	4.20	.90	3.46	4.00	.86	3.42	3.96	.86
Wis.	3.85	3.77	1.02	3.65	3.86	.95	3.62	3.83	.95
E.N.C. ..	3.80	3.97	.96	3.60	4.00	.90	3.59	3.99	.90
Mo.	3.88	4.70	.83	3.82	4.62	.83	3.90	4.59	.85
Kans.	3.57	4.16	.86	3.52	4.12	.85	3.64	4.14	.88
W.N.C. ^{2/}	3.65	4.16	.88	3.70	4.18	.89	3.78	4.12	.92
Ky.	3.81	4.80	.79	3.73	4.78	.78	3.68	4.66	.79
Tenn.	3.88	4.85	.80	3.76	4.78	.79	3.73	4.69	.80
Miss.	4.00	4.94	.81	3.93	4.92	.80	3.86	4.78	.81
Ark.	3.85	4.70	.82	3.84	4.70	.82	3.87	4.60	.84
S.Cent. ^{2/}	3.86	4.82	.80	3.78	4.79	.79	3.74	4.67	.80
Idaho.....	3.65	4.02	.91	3.34	3.79	.88	3.35	3.80	.88
N.W. ^{2/} ..	3.68	4.11	.90	3.47	3.95	.88	3.44	3.93	.88
Utah.....	3.34	3.72	.90	3.36	3.75	.90	3.34	3.71	.90
Calif.	3.63	4.05	.90	3.59	3.94	.91	3.63	3.98	.91
S.W. ^{2/} ..	3.57	3.99	.89	3.55	3.91	.91	3.57	3.94	.91
U.S. ^{2/} ..	3.74	4.20	.89	3.64	4.23	.86	3.63	4.17	.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, December 1961 ^{1/}

Item	Average Dec. 1955-59	Dec. 1960 ^{2/}	Dec. 1961
Milk bought from producers..... pounds	390,039,000	391,334,000	375,396,000
Producers..... number	106,000	86,000	78,000
Average per producer per day..... pounds	118.7	146.8	155.3
Change in purchases per producer:			
1961 from 1960..... percent	xxxx	xxxx	+ 5.8
1961 from 5-year average..... percent	xxxx	xxxx	+30.8

^{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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Growth Through Agricultural Progress

Condensery-pay-price for Chicago Milk Marketing Order:

The average price per hundredweight reported paid to producers for the entire month by 8 Midwest condenseries for milk of 3.5% fat content used in calculating class prices:

December 1961

\$ 3.194

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:

Nov. 26-Dec. 25, 1961

Spray	16.1
Roller	14.3