

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR OCTOBER 1964

November 30, 1964

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk in October is estimated at 132 million pounds by the Crop Reporting Board. This is 2 percent above a year earlier but 12 percent below the October 1958-62 average. The 1.6 billion pounds produced during the first ten months of 1964 equaled production for the corresponding period of 1963.

Output of canned sweetened condensed whole milk during October was 7.8 million pounds, double that of a year earlier, up 36 percent from average, and the largest October production since 1948. In January through October, production totaled 78 million pounds, an increase of 15 percent from the same period last year.

Table 1.-Production of evaporated whole milk, United States

Month	1958-62 average	Enumerations		Estimates 1964	Change from--	
		1962	1963		1958-62 av.	1963
		Million pounds			Percent	
January.....	134.7	118.1	136.9	140.3	+ 4	+ 2
February.....	133.0	119.1	124.2	141.5	+ 6	+14
March.....	169.8	150.0	149.7	150.0	-12	0
April.....	201.0	178.5	181.2	160.8	-20	-11
May.....	262.6	227.5	211.5	208.5	-21	- 1
June.....	251.1	216.1	208.1	202.0	-20	- 3
July.....	222.7	191.7	184.4	184.0	-17	0
August.....	198.9	170.5	175.2	174.0	-13	- 1
September.....	167.4	138.7	140.3	151.0	-10	+ 8
October.....	151.1	142.8	129.7	132.5	-12	+ 2
Ten-month total..	1,892.3	1,653.0	1,641.2	1,644.6	-13	0
November.....	128.9	132.1	122.2			
December.....	136.8	143.7	133.9			
Annual total.....	2,158.0	1,928.8	1,897.3			

DRY MILK: Production of nonfat dry milk for human food (spray and roller processes combined) in October was 126 million pounds, according to the Crop Reporting Board. This is 3 percent above October a year ago and 7 percent larger than the 1958-62 average for the month. The 1.8 billion pounds produced during the first ten months of 1964 exceeded the corresponding 1963 period by 2 percent.

Spray-dried nonfat milk production was 120 million pounds, 3 percent more than a year earlier and 10 percent larger than the October average. The January-October production totaled 1,766 million pounds, an increase of 2 percent from the same period a year ago.

Table 2.-Production of nonfat dry milk (human food, total), United States

Month	1958-62 average	Enumerations		Estimates 1964	Change from--	
		1962	1963		1958-62 av.	1963
		Million pounds			Percent	
January.....	152.4	185.6	176.3	176.9	+16	0
February.....	150.2	180.0	168.3	181.0	+21	+8
March.....	174.8	206.3	194.7	206.7	+18	+6
April.....	189.8	217.3	214.0	217.7	+15	+2
May.....	227.0	258.9	248.9	250.2	+10	+1
June.....	218.3	243.4	239.7	235.6	+ 8	-2
July.....	167.1	190.5	182.5	181.5	+ 9	-1
August.....	130.0	158.6	144.8	148.1	+14	+2
September.....	106.9	131.6	119.4	121.7	+14	+2
October.....	116.9	141.9	121.4	125.5	+ 7	+3
Ten-month total..	1,633.4	1,914.1	1,810.0	1,844.9	+13	+2
November.....	119.0	143.7	128.2			
December.....	147.9	172.5	158.3			
Annual total.....	1,900.3	2,230.3	2,096.5			

Output of roller-dried nonfat milk in October was 5.5 million pounds. This is 7 percent above a year earlier, but 29 percent below average. Production in the first ten months totaled 79 million pounds, off 5 percent from the comparable 1963 period.

The 9.3 million pounds of dry whole milk production in October was 30 percent above a year earlier, 18 percent above average and the largest October production since 1950. Cumulative January through October production totaled 75 million pounds, off 4 percent from the first ten months of last year.

Dry buttermilk production was 5.4 million pounds, a decrease of 8 percent from October 1963 and 3 percent under average. January-October production totaled 74 million pounds, up 1 percent from that period last year.

Production of dry skim milk for animal feed was 1.4 million pounds, off 15 percent from October a year ago and 28 percent below average. Output for the first ten months totaled 13 million pounds, off 34 percent from the total produced during the same period a year ago.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on October 31 were 227 million pounds, an increase of 14 percent from a year earlier, but a decrease of 27 percent from the 1958-62 average for the date. Canned sweetened condensed whole milk stocks totaled 10.3 million pounds, 82 percent above a year earlier, 74 percent above average, and the largest end-of-October holdings since 1948.

Prices paid producers by reporting condenseries for October receipts averaged \$3.57 per hundredweight for milk testing 4.15 percent fat -- an average of 86 cents per pound of milkfat. On the basis of milkfat, prices advanced 1 cent from September and were 2 cents above October a year ago. By States, prices ranged from a high of 95 cents in Wisconsin and California to a low of 79 cents in Tennessee.

Reporting condenseries for which historical data are available purchased 329 million pounds of milk during October from approximately 59,000 producers. Average daily purchases per producer were 180 pounds, up 6 percent from a year earlier, 18 percent above average, and record high for the month.

Manufacturers' selling prices for evaporated whole milk during October averaged \$6.08 per case of 48 - 14 $\frac{1}{2}$ oz. cans -- 8 cents above both the previous month and a year earlier. Compared with September, prices rose in all regions. The increase per case ranged from 7 cents in New England to 11 cents in the South Atlantic States.

DRY MILK: Total stocks of nonfat dry milk held by reporting manufacturers on October 31 were 87 million pounds, up 39 percent from a year earlier, but down 11 percent from the 1958-62 average for the date. The 83 million pounds of spray-dried nonfat milk held on October 31 were 41 percent more than a year earlier, but 6 percent less than average. Roller-dried nonfat milk holdings, at 5 million pounds, increased 7 percent from October 31 last year, but were 58 percent below average. The 6.3 million pounds of dry whole milk held by reporting manufacturers on October 31 were 25 percent above a year earlier and 4 percent above average for the date. Stocks of dry buttermilk totaled 6 million pounds, 56 percent greater than on October 31 a year ago, but 10 percent less than average. Holdings of dry skim milk for animal feed on October 31 were 0.8 million pounds, off 46 percent from a year earlier and 21 percent smaller than average.

Shipments of nonfat dry milk for human food during October totaled 108 million pounds, down 14 percent from September and off 11 percent from October a year ago. The 104 million pounds of spray-dried nonfat milk shipped during October were 15 percent less than the previous month and 11 percent smaller than October 1963. Roller-dried nonfat milk shipments totaled 4 million pounds, an increase of 3 percent from September, but a decline of 8 percent from October a year ago. Dry whole milk shipments in October were 6.5 million pounds. This is an increase of 5 percent from September and exceeds a year earlier by 10 percent.

Manufacturers' selling prices of nonfat dry milk, spray and roller process combined, during October averaged 14.75 cents per pound, compared with 14.77 cents, the revised September price, and 14.43 cents for October last year. Prices of spray-dried nonfat milk, at 14.77 cents per pound, were fractionally lower than in September, but 0.3 cent above October a year ago. October roller prices increased 0.1 cent from September and averaged 0.2 cent above a year earlier. Dry whole milk in all size containers averaged 33.16 cents per pound during October. This is 2.4 cents below September and 2.8 cents below October a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during October were 28.1 million pounds. Deliveries for the period April 1 through October 31, 1964 totaled 339.5 million pounds, compared with 598.8 million pounds for the corresponding period of 1963. On November 13 the Department held 137.4 million pounds of uncommitted supplies of nonfat dry milk. This includes 116.3 million pounds in small-size packages and 12.5 million pounds in 50-pound bags.

Payment-in-kind export certificates issued for nonfat dry milk in October totaled 32.1 million pounds. For April 1 through October 31, 1964 PIK certificates totaled 361.5 million pounds, compared with 142.4 million pounds for the comparable 1963 period.

Table 3.-Evaporated, condensed, and dry milk: Production, October 1964

Commodity	October 1963 ^{1/}	October 1964 ^{2/}			Jan.-October 1964	
		Total	Change from--		Total	Change from Jan.-Oct. 1963
			October 1958-62 average	October 1963		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	129,720	132,500	-12	+2	1,644,600	0
Sweetened condensed whole (case goods)..	3,897	7,800	+36	+100	77,900	+15
Dry milk:						
Dry whole milk	7,137	9,300	+18	+30	74,900	- 4
Nonfat dry milk (human food):						
Spray process	116,289	120,000	+10	+ 3	1,766,000	+ 2
Roller process	5,133	5,500	-29	+ 7	78,900	- 5
Total	121,422	125,500	+ 7	+ 3	1,844,900	+ 2
Dry skim milk (animal feed) ...	1,643	1,400	-28	-15	13,400	-34
Dry buttermilk	5,854	5,400	- 3	- 8	74,300	+ 1

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

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks October 31, 1964 ^{1/}

Commodity	Average October 31, 1958-62	October 31, 1963 ^{2/}	October 31, 1964		
			Total	Change from--	
				October 31, 1958-62 av.	October 31, 1963
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	312,521	199,848	227,317	-27	+14
Sweetened condensed whole (case goods)..	5,938	5,681	10,329	+74	+82
Dry milk:					
Dry whole milk	6,067	5,040	6,315	+ 4	+25
Nonfat dry milk (human food):					
Spray process	87,874	58,674	82,851	- 6	+41
Roller process	10,866	4,278	4,574	-58	+ 7
Total	98,740	62,952	87,425	-11	+39
Dry skim milk (animal feed) ...	1,025	1,488	810	-21	-46
Dry buttermilk	6,415	3,717	5,790	-10	+56

^{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 5.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, October 1964 1/

Price per pound 2/	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk 4/
	Spray process 3/	Roller process		Human food	Animal feed	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
6 -6½	-	-	3,650	-	-	-
7½-8	-	-	7,521	-	-	-
8 -8½	-	-	27,866	-	-	-
9 -9½	-	-	14,381	-	2,400	-
9½-10	-	-	44,960	-	1,695	-
10 -10½	-	-	91,490	-	1,514	-
10½-11	-	-	20,790	-	49,000	-
11 -11½	-	-	60,830	1,900	12,250	-
11½-12	-	-	87,550	50,800	-	-
12 -12½	-	-	102,600	196,125	61,100	-
12½-13	396,404	-	74,821	-	7,665	-
13 -13½	2,143,725	-	3,000	-	143,710	-
13½-14	1,740,057	348,100	55,650	774,149	45,250	-
14 -14½	37,202,102	2,435,995	9,500	982,900	-	-
14½-15	19,580,580	732,990	-	938,271	-	-
15 -15½	13,283,782	494,255	-	398,900	-	-
15½-16	4,192,150	19,420	-	51,500	-	-
16 -16½	13,108,145	-	-	10,600	-	-
16½-17	165,867	-	-	-	-	-
17 -17½	196,456	-	-	-	-	-
17½-18	352,275	-	-	-	-	-
18 -18½	26,600	-	-	-	-	-
=====						
23½-24½	-	-	-	-	-	1,049,700
29½-30½	-	-	-	-	-	1,059,800
30½-31½	-	-	-	-	-	451,950
31½-32½	-	-	-	-	-	709,200
32½-33½	-	-	-	-	-	981,050
33½-34½	-	-	-	-	-	106,174
36½-37½	-	-	-	-	-	650,446
37½-38½	-	-	-	-	-	311,500
49½-50½	-	-	-	-	-	147,349
56½-57½	-	-	-	-	-	323,565

1/ Excludes shipments for which prices were not reported. For total reported see table 6.

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 6.-Dry milk: Manufacturers' reported shipments, October 1964 ^{1/}

Commodity	October 1963 ^{3/}	September 1964	October 1964		
			Total	Change from--	
				October 1963	September 1964
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk	5,906	6,200	6,524	+10	+ 5
Nonfat dry milk (human food):					
Spray process ^{2/}	117,811	122,837	104,384	-11	-15
Roller process	4,462	3,985	4,088	- 8	+ 3
Total	122,273	126,822	108,472	-11	-14
Dry skim milk (animal feed) ...	717	680	688	- 4	+ 1
Dry buttermilk:					
For human food	3,753	4,737	3,802	+ 1	-20
For animal feed	736	679	425	-42	-37
Total	4,489	5,416	4,227	- 6	-22

^{1/} Includes shipments for which prices were not reported.

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

^{3/} Revised.

Table 7.-Dry milk: Manufacturers' average selling price per pound
f.o.b. plant, October 1964 ^{1/}

Commodity	October 1958-62	October 1963	September 1964	October 1964
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.41	14.44	6/14.79	14.77
Roller process	12.99	14.12	14.30	14.37
Spray and roller	14.30	14.43	6/14.77	14.75
Dry skim animal feed	10.38	10.33	11.36	11.27
Nonfat and dry skim	14.26	14.41	6/14.76	14.73
Dry buttermilk:				
Human food	13.83	13.71	14.21	14.22
Animal feed	10.33	10.26	12.07	12.43
Human and animal	13.22	13.11	13.94	14.04
Dry whole milk:				
Pkgs. over 5-lbs. ^{4/}	31.67	31.70	31.91	30.35
Total ^{5/}	36.18	35.98	35.61	33.16

^{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/} Excludes spray-dried nonfat milk sold in packages of retail size.

^{4/} Includes barrels and drums.

^{5/} All size packages, including 1-2¹/₂ lb. packages and 5-lb. packages.

^{6/} Revised.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 14½-oz. cans, in carlots, by geographic divisions, October 1964 1/

Geographic division	October 1963	September 1964	October 1964
	Dollars	Dollars	Dollars
New England	5.91	5.97	6.04
Middle Atlantic	5.90	5.86	5.95
South Atlantic	5.97	5.91	6.02
East North Central	5.95	5.96	6.05
West North Central	6.12	6.07	6.17
South Central	6.15	6.07	6.17
North Western 2/	6.10	6.21	6.29
South Western 3/	6.02	6.06	6.15
United States	6.00	6.00	6.08

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 9.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, October 1964 1/

State and division	October 1963			September 1964			October 1964		
	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
M. Atl. 2/	3.35	3.95	.85	3.06	3.68	.83	3.45	4.06	.85
Md.	3.36	4.12	.82	3.28	4.00	.82	3.49	4.26	.82
Va.	3.52	4.41	.80	3.40	4.24	.80	3.60	4.50	.80
S.Atl. 2/	3.51	4.44	.79	3.41	4.25	.80	3.60	4.49	.80
Ohio	3.30	3.99	.83	3.21	3.87	.83	3.38	4.04	.84
Ind.	3.38	4.03	.84	3.43	3.88	.88	3.56	4.08	.87
Ill.	3.25	3.60	.90	3.27	3.61	.91	3.40	3.70	.92
Mich.	3.29	3.83	.86	3.20	3.73	.86	3.31	3.88	.85
Wis.	3.50	3.81	.92	3.52	3.75	.94	3.61	3.81	.95
E.N.C. ...	3.36	3.88	.87	3.32	3.80	.87	3.46	3.92	.88
Mo.	3.68	4.37	.84	3.60	4.26	.85	3.83	4.47	.86
Kans.	3.39	3.85	.88	3.30	3.75	.88	3.46	3.87	.89
W.N.C. 2/	3.53	4.02	.88	3.49	3.96	.88	3.62	4.04	.90
Ky.	3.56	4.55	.78	3.44	4.32	.80	3.52	4.41	.80
Tenn.	3.62	4.65	.78	3.48	4.36	.80	3.72	4.68	.79
Miss.	3.75	4.81	.78	3.56	4.40	.81	3.92	4.87	.80
Ark.	3.66	4.39	.83	3.54	4.26	.83	3.79	4.54	.83
S.Cent. 2/	3.61	4.60	.78	3.48	4.33	.80	3.66	4.56	.80
N.W. 2/	3.32	3.74	.89	3.32	3.60	.92	3.40	3.68	.92
Calif.	3.46	3.85	.90	3.53	3.80	.93	3.64	3.82	.95
S.W. 2/..	3.46	3.82	.91	3.52	3.77	.93	3.62	3.80	.95
U.S. 2/ ..	3.48	4.15	.84	3.42	4.02	.85	3.57	4.15	.86

1/ Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported.

2/ Includes data for some States not shown separately.

OFFICIAL BUSINESS

Table 10. -Milk bought by condenseries: Quantity bought, and number of producers, October 1964 1/

Item	Average October 1958-62	October 1963 <u>2/</u>	October 1964
Milk bought from producers pounds	422,462,000	336,314,000	328,867,000
Producers number	91,000	64,000	59,000
Average per producer per day pounds	151.8	169.5	179.8
Change in purchases per producer:			
1964 from 1963 percent	xxxx	xxxx	+ 6.1
1964 from 5-year average percent	xxxx	xxxx	+18.4

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.