

EVAPORATED CONDENSED AND DRY MILK

OCTOBER 1968

November 29, 1968

PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production in October is estimated at 101.5 million pounds by the Crop Reporting Board. This is 6 percent more than a year earlier, but 22 percent less than the 1962-66 average. Except for October 1967, production was the lowest for the month since 1931. Production in the January through October period totaled 1.2 billion pounds, 12 percent below the same period last year and 27 percent below average.

October production of canned sweetened condensed whole milk was 8.3 million pounds--more than double a year earlier and 5 percent more than average. Cumulative output in the first ten months of 1968, at 75 million pounds, was 48 percent above the corresponding period in 1967.

DRY MILK: Production of spray and roller process nonfat dry milk in October was 91 million pounds, down 8 percent from a year earlier and 22 percent below average. Total output for the first ten months was 1.4 billion pounds, down 4 percent from the same period last year, and 19 percent below average.

Dry whole milk production was 6.1 million pounds, 11 percent above October 1967, but 14 percent below average. The January-October total of 66 million pounds was up 5 percent from a year earlier.

October dry buttermilk output totaled 5.1 million pounds--15 percent more than a year earlier, but 8 percent less than average. Cumulative data for the first ten months of 1968 totaled about 64 million pounds--up 2 percent from 1967.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' evaporated whole milk stocks at the end of October were 161 million pounds--39 percent less than a year earlier and 28 percent below average. Holdings of canned sweetened condensed whole milk, at 3.0 million pounds, were 66 percent below October 31 last year and 59 percent below average.

Prices paid by condenseries to producers during October averaged \$4.37 per hundredweight for milk having an average milkfat content of 4.03 percent. This is equivalent to \$1.08 per pound of milkfat--unchanged from the preceding month, but 5 cents above October 1967.

Effective January 1, 1969, the Statistical Reporting Service plans to discontinue calculation and publication of 5-year averages that appear in this report. The report will contain data for the current and the two preceding years. It is believed that changes in agriculture have decreased the value of the five-year averages for making comparisons.

Condenseries reported 215 million pounds of whole milk purchased in October from about 28,000 producers. The average daily purchase per producer was 247 pounds compared with 207 pounds for October 1967.

October evaporated whole milk selling prices reported by manufacturers averaged \$7.36 per case of forty-eight 14½ oz. cans--unchanged from a month earlier, but 30 cents above October 1967.

DRY MILK: Manufacturers' stocks on October 31 of nonfat dry milk for human consumption totaled 90 million pounds--19 percent less than a year earlier, but 8 percent above average. Dry whole milk stocks were 9.1 million pounds, up 26 percent from a year earlier and 53 percent more than average. Dry buttermilk inventory, at 2.6 million pounds, was 61 percent less than October 31 last year and 47 percent less than average.

Shipments in October of spray and roller process nonfat dry milk for human consumption totaled 99.1 million pounds--down 2 percent from September and 9 percent below a year earlier. Spray-dried nonfat movement alone was 97.9 million pounds. Dry whole milk shipments were 5.0 million pounds--a drop of 19 percent from September and 4 percent below October last year. Shipments of dry buttermilk in October totaled 3.3 million pounds, 2 percent more than a month earlier, but 18 percent less than October 1967.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 23.46 cents per pound in October, up 0.1 cent from the preceding month, up 3.5 cents from a year earlier and 7.8 cents above the October average. Dry buttermilk prices (human food and animal feed combined) averaged 22.76 cents per pound, up 0.1 cent from September and 4.9 cents above a year earlier. Dry whole milk in all package and container sizes averaged 43.47 cents per pound, 0.6 cent less than a month earlier, but 0.5 cent more than in October 1967.

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

Month	1962-66 Average	1967	1968 <u>1/</u>	Change from --	
				1962-66 Av.	1967
				<u>Million pounds</u>	<u>Percent</u>
January	127.0	104.6	86.2	-32	-18
February	124.3	103.6	85.6	-31	-17
March	145.6	120.8	96.4	-34	-20
April	166.9	148.6	125.4	-25	-16
May	205.2	170.3	146.7	-29	-14
June	200.4	172.0	138.4	-31	-20
July	175.1	152.6	138.0	-21	-10
August	165.7	139.6	134.5	-19	- 4
September	138.8	110.6	107.5	-23	- 3
October	130.3	95.6	101.5	-22	+ 6
Ten-month total ..	1,579.3	1,318.3	1,160.2	-27	-12
November	116.8	83.7			
December	127.1	91.0			
Annual total	1,823.2	1,493.0			

1/ Preliminary.

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

Month	1962-66 Average	1967	1968 <u>1/</u>	Change from --	
				1962-66 Av.	1967
				<u>Million pounds</u>	<u>Percent</u>
January	172.0	134.4	128.0	-26	- 5
February	166.7	129.3	128.8	-23	0
March	191.5	145.8	145.5	-24	0
April	206.3	174.5	169.8	-18	- 3
May	238.0	192.6	189.2	-21	- 2
June	227.5	203.3	188.2	-17	- 7
July	171.6	159.9	152.1	-11	- 5
August	139.4	122.8	120.3	-14	- 2
September	112.2	97.5	91.0	-19	- 7
October	117.1	98.5	91.0	-22	- 8
Ten-month total ..	1,742.3	1,458.6	1,403.9	-19	- 4
November	121.5	97.4			
December	152.5	118.9			
Annual total	2,016.3	1,674.9			

1/ Preliminary.

Table 3.-Evaporated, condensed, and dry milk: Production, October 1968, with comparisons

Commodity	October 1967 ^{1/}	October 1968 ^{2/}			Jan.-Oct. 1968 ^{2/}	
		Total	Change from--		Total	Change from Jan.-Oct. 1967
			October 1962-66 average	October 1967.		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	95,623	101,500	-22	+ 6	1,160,200	-12
Sweetened condensed whole (case goods)..	3,996	8,300	+ 5	+108	75,375	+48
Dry milk:						
Dry whole milk.....	5,500	6,100	-14	+ 11	66,100	+ 5
Nonfat dry milk (human food):						
Spray process.....	96,970	89,500	-20	- 8	1,382,500	- 3
Roller process.....	1,553	1,500	-69	- 3	21,400	-30
Total.....	98,523	91,000	-22	- 8	1,403,900	- 4
Dry skim milk (animal feed)....	2,442	2,000	- 3	- 18	22,400	-14
Dry buttermilk.....	4,423	5,100	- 8	+ 15	63,500	+ 2

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

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks October 31, 1968, with comparisons ^{1/}

Commodity	Average Oct. 31, 1962-66	Oct. 31, 1967 ^{2/}	October 31, 1968		
			Total	Change from---	
				October 31, 1962-66 av.	October 31, 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	222,050	265,280	160,572	-28	-39
Sweetened condensed whole (case goods)..	7,237	8,706	2,984	-59	-66
Dry milk:					
Dry whole milk.....	5,926	7,220	9,074	+53	+26
Nonfat dry milk (human food):					
Spray process.....	80,057	109,358	88,740	+11	-19
Roller process.....	3,771	2,454	1,377	-63	-44
Total.....	83,828	111,812	90,117	+ 8	-19
Dry skim milk (animal feed)....	1,109	2,347	878	-21	-63
Dry buttermilk.....	4,853	6,631	2,595	-47	-61

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

^{2/} Revised.

Table 5.--Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, October 1968 1/

Price per pound <u>2/</u>	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk <u>4/</u>
	Spray process <u>3/</u>	Roller process		Human food	Animal feed	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
5-5½	-	-	27,962	-	-	-
10-10½	-	-	41,988	-	-	-
12-12½	-	-	1,400	-	-	-
14-14½	-	-	8,975	-	1,831	-
14½-15	-	-	9,650	-	-	-
15-15½	-	-	45,944	-	-	-
15½-16	-	-	3,430	-	27,100	-
16-16½	-	-	22,510	-	49,050	-
16½-17	-	-	38,755	-	107,867	-
17-17½	-	-	-	-	2,500	-
17½-18	-	-	3,104	5,488	39,427	-
18-18½	-	-	26,950	-	-	-
18½-19	-	-	31,264	-	-	-
19-19½	738,300	-	90,333	-	41,690	-
19½-20	193,750	-	43,350	-	-	-
20-20½	2,263,346	223,020	191,698	39,950	-	-
20½-21	184,900	-	119,650	-	-	-
21-21½	-	38,200	24,000	168,300	-	-
21½-22	412,750	-	-	19,600	-	-
22-22½	1,243,575	51,920	-	99,600	-	-
22½-23	23,087,562	243,550	-	59,460	-	-
23-23½	17,004,529	483,282	2,200	674,600	-	-
23½-24	6,725,528	-	-	574,800	-	-
24-24½	12,299,710	-	-	242,550	-	-
24½-25	7,293,161	26,624	-	30,100	-	-
25-25½	6,385,555	34,750	-	197,500	-	-
25½-26	1,173,126	-	-	44,900	-	-
26-26½	-	4,100	-	13,000	-	-
26½-27	193,178	4,270	-	-	-	-
27-27½	1,218	-	-	-	-	-
27½-28	-	-	-	-	-	-
32-33	10,982	-	-	-	-	-
38½-39½	-	-	-	-	-	247,800
39½-40½	-	-	-	-	-	1,600,753
40½-41½	-	-	-	-	-	605,500
41½-42½	-	-	-	-	-	1,039,558
42½-43½	-	-	-	-	-	213,250
44½-45½	-	-	-	-	-	106,208
45½-46½	-	-	-	-	-	8,517
48½-49½	-	-	-	-	-	219,600
54½-55½	-	-	-	-	-	13,157
57½-58½	-	-	-	-	-	3,191
66½-67½	-	-	-	-	-	181,530
70½-71½	-	-	-	-	-	190,461

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 1968, with comparisons 1/

Commodity	October 1967 <u>2/</u>	September 1968	October 1968		
			Total	Change from--	
				Oct. 1967	Sept. 1968
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	5,172	6,082	4,950	- 4	-19
Nonfat dry milk (human food):					
Spray process <u>3/</u>	107,887	100,132	97,877	- 9	- 2
Roller process.....	1,332	1,147	1,224	- 8	+ 7
Total.....	109,219	101,279	99,101	- 9	- 2
Dry skim milk (animal feed).....	1,988	750	1,040	-48	+39
Dry buttermilk:					
For human food.....	3,730	2,966	2,981	-20	+ 1
For animal feed.....	314	276	318	+ 1	+15
Total.....	4,044	3,242	3,299	-18	+ 2

1/ Includes shipments for which prices were not reported.

2/ Revised.

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

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, October 1968 with comparisons 1/

Commodity	October 1962-66	October 1967	September 1968	October 1968
	Cents	Cents	Cents	Cents
Nonfat dry milk: <u>2/</u>				
Spray process <u>3/</u>	15.68	19.95	23.37	23.47
Roller process.....	15.28	19.52	22.60	22.44
Spray and roller.....	15.66	19.95	23.36	23.46
Dry skim animal feed.....	12.02	14.90	16.68	17.99
Nonfat and dry skim.....	15.64	19.87	23.31	23.40
Dry buttermilk:				
Human food.....	15.23	18.20	23.34	23.38
Animal feed.....	12.39	13.46	15.74	16.96
Human and animal.....	14.82	17.83	22.69	22.76
Dry whole milk:				
Pkgs. over 5 lbs. <u>4/</u>	32.90	39.89	40.83	41.40
Total <u>5/</u>	35.87	42.96	44.08	43.47

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 1-2½ lb. pkgs. and 5-lb. pkgs.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1½-oz. cans, in cartons, by geographic divisions, October 1968, with comparisons 1/

Geographic division	October 1967	September 1968	October 1968
	Dollars	Dollars	Dollars
New England.....	7.18	7.44	7.44
Middle Atlantic.....	6.97	7.24	7.25
South Atlantic.....	7.08	7.38	7.38
East North Central.....	6.98	7.25	7.25
West North Central.....	7.01	7.27	7.27
South Central.....	7.12	7.42	7.42
North Western 2/.....	7.35	7.81	7.78
South Western 3/.....	6.98	7.29	7.29
United States.....	7.06	7.36	7.36

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 1968, with comparisons 1/

State and division	October 1967 2/			September 1968 3/			October 1968 3/		
	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.									
Md.	4.39	4.21	1.04	4.38	3.99	1.10	4.46	4.12	1.08
Va.	4.21	4.33	.97	4.16	4.09	1.02	4.32	4.31	1.00
S.Atl. 4/	4.33	4.38	.99	4.27	4.12	1.04	4.44	4.32	1.03
Ohio.....	4.20	3.98	1.06	4.17	3.78	1.10	4.26	3.91	1.09
Ind.	4.35	4.01	1.08	4.43	3.80	1.17	4.51	3.91	1.15
Mich.	4.17	3.85	1.08	4.25	3.65	1.16	4.32	3.76	1.15
Wis.	4.31	3.80	1.13	4.48	3.68	1.22	4.61	3.77	1.22
E.N.C. 4/	4.23	3.89	1.09	4.30	3.71	1.16	4.40	3.82	1.15
Mo.	4.20	4.14	1.01	4.13	3.96	1.04	4.31	4.11	1.05
Kans.	4.05	3.76	1.08	4.08	3.81	1.07	4.25	3.93	1.08
W.N.C.	4.15	4.03	1.03	4.12	3.95	1.04	4.30	4.09	1.05
Ky.	4.24	4.36	.97	4.15	4.05	1.02	4.32	4.25	1.02
Tenn.	4.26	4.40	.97	4.20	4.16	1.01	4.39	4.38	1.00
Miss.	4.38	4.56	.96	4.27	4.24	1.01	4.44	4.49	.99
Ark.	4.18	4.19	1.00	4.16	3.93	1.06	4.31	4.04	1.07
S.Cent.	4.25	4.37	.97	4.18	4.09	1.02	4.35	4.28	1.02
Calif. ...	4.09	3.77	1.08	4.33	2/3.68	1.18	4.33	3.75	1.15
S.W. 4/..	4.14	3.72	1.11	4.29	3.67	1.17	4.32	3.75	1.15
U.S. 4/..	4.22	4.09	1.03	4.23	3.90	1.08	4.37	4.03	1.08

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

2/ Revised.

3/ Preliminary.

4/ Includes data for some regions and/or States not shown separately.

UNITED STATES DEPARTMENT OF AGRICULTURE
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OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, October 1968, with comparisons ^{1/}

Item	Average October 1962-66	October 1967 ^{2/}	October 1968
Milk bought from producers pounds	326,043,000	241,262,000	215,091,000
Producers number	59,000	38,000	28,000
Average per producer per day .. pounds	178.3	206.7	246.8
Change in purchases per producer:			
1968 from 1967 percent	XXXXX	XXXXX	+19.4
1968 from 5-year average percent	XXXXX	XXXXX	+38.4

^{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.

Table 11.-USDA Nonfat Dry Milk Purchases as Reported by ASCS
 - Delivery basis -

Nonfat dry milk	October 1968	Cumulative	
		April 1, 1967- October 31, 1967	April 1, 1968- October 31, 1968
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>
Purchases	31.0	416.9	363.8

Uncommitted inventories on November 15, 1968 totaled 305.1 million pounds.