

EVAPORATED, CONDENSED AND DRY MILK

REPORT FOR MARCH 1968

April 30, 1968

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk in March 1968 is estimated at 96.7 million pounds by the Crop Reporting Board. This was 19 percent below a year earlier, 33 percent less than the 1962-66 March average and the lowest for the month since 1925. Production for the first three months of 1968 totaled 269 million pounds, 18 percent below the comparable period in 1967.

March production of canned sweetened condensed whole milk was 8.7 million pounds, 121 percent more than a year earlier and 29 percent more than the 5-year average for the month. Production in the first quarter of 1968 was 19.4 million pounds, up 69 percent from the same period last year.

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

Month	Enumerations		Estimates		Change from --	
	1962-66 av.	1966	1967	1968	1962-66 av.	1967
	<u>Million pounds</u>				<u>Percent</u>	
January	126.7	115.4	105.2	86.5	-32	-18
February	124.0	113.7	102.6	85.8	-31	-16
March	145.2	142.2	119.8	96.7	-33	-19
Three-month total	395.9	371.3	327.6	269.0	-32	-18
April	166.2	158.9	146.5			
May	204.6	188.0	167.2			
June	200.5	191.7	173.3			
July	175.1	155.8	152.0			
August	165.7	160.3	141.9			
September	138.8	133.4	115.5			
October	130.3	123.6	97.0			
November	116.9	104.9	85.0			
December	126.7	108.2	92.9			
Annual total	1,820.7	1,696.1	1,498.9			

DRY MILK: Nonfat dry milk production (spray and roller process combined) is estimated at 145.5 million pounds for March, practically unchanged from a year earlier, but 24 percent below the March average. The January-March total of 403.5 million pounds was 2 percent below the first quarter of 1967.

Production of spray process nonfat dry milk was 143 million pounds, 1 percent above March 1967, but 22 percent below average. Total output for the first three months of 1968 was 395.5 million pounds, down 1 percent from a year earlier.

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

Month	Enumerations		Estimates		Change from --	
	1962-66 av.	1966	1967	1968	1962-66 av.	1967
	<u>Million pounds</u>				<u>Percent</u>	
January	172.2	132.3	135.2	128.9	-25	- 5
February	166.8	124.0	129.6	129.1	-23	0
March	191.8	145.8	145.7	145.5	-24	0
Three-month total ..	530.8	402.1	410.5	403.5	-24	- 2
April	206.5	165.9	173.0			
May	238.5	188.2	195.1			
June	227.9	192.6	202.4			
July	171.8	131.8	157.5			
August	139.7	112.6	130.1			
September	112.5	88.5	100.3			
October	117.3	94.0	100.8			
November	121.6	94.3	100.6			
December	152.8	125.1	123.9			
Annual total	2,019.4	1,595.1	1,694.2			

Roller-dried nonfat milk output was at a record March low of 2.5 million pounds--32 percent less than a year earlier and 67 percent less than average.

Dry whole milk production, at 7.7 million pounds, was down 4 percent from a year earlier, but less than 1 percent below average for March. First-quarter production this year of 21.9 million pounds was 2 percent above the comparable period last year.

Production of dry buttermilk totaled 6.2 million pounds, 5 percent less than March a year ago and 25 percent less than average. The January-March total of 17.8 million pounds was 3 percent less than the corresponding period in 1967.

March production of dry skim milk for animal feed was 1.7 million pounds, down 11 percent from a year earlier, and 18 percent below average.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on March 31 totaled 78 million pounds--5 percent less than a year earlier, but 17 percent above average. Inventories of canned sweetened condensed whole milk, at 8.2 million pounds, were 40 percent below March 31, 1967, but 41 percent above average.

Prices paid by condenseries to producers during March averaged \$4.11 per hundred-weight for milk having an average milkfat content of 3.78 percent. This was equivalent to \$1.09 per pound of milkfat--up 2 cents from both a month earlier and March 1967.

Whole milk purchases during March, as reported by condenseries for which historical data are available, totaled 224 million pounds from about 30,000 producers. The average daily purchase per producer was 242 pounds--a gain of 8.1 percent from March 1967 and 18 percent from average.

Selling prices of evaporated whole milk in March, as reported by manufacturers, averaged \$7.07 per case of forty-eight 14½ oz. cans. This was 1 cent above the preceding month and 2 cents above March 1967.

DRY MILK: Stocks of all nonfat dry milk for human consumption held by manufacturers on March 31 totaled 77 million pounds--down 18 percent from a year earlier and 19 percent below average for the date. Holdings of spray-dried nonfat, at 76 million pounds, were 18 percent less than March 31, 1967 and 16 percent less than average. Dry whole milk stocks totaled 6.3 million pounds, down 12 percent from a year earlier, but 4 percent above the March 31 average. The inventory of dry buttermilk, at 4.3 million pounds, was 63 percent below a year earlier and 39 percent below average.

Shipments of spray and roller process nonfat dry milk for human use totaled 131 million pounds during March--9 percent more than in February, but 12 percent less than in March 1967. Movement of spray-dried nonfat, at 130 million pounds, comprised 99 percent of the combined shipments. Dry whole milk shipments totaled 6.1 million pounds--one third more than in February, but 4 percent below March a year earlier. Total shipments of dry buttermilk in March were 5.8 million pounds, up 60 percent from a month earlier and 47 percent above March 1967.

Selling prices for spray and roller process (combined) nonfat dry milk averaged 19.94 cents per pound in March, up 0.1 cent from February but practically unchanged from March last year, and up 4.9 cents from the March average. Spray process prices averaged 19.95 cents, compared with 19.84 cents in February 1968 and 19.97 cents in March 1967. The roller-dried nonfat milk average price was 19.24 cents per pound, down 0.2 cent from the preceding month and 0.3 cent below March a year earlier.

Prices for dry buttermilk (human food and animal feed combined) averaged 17.80 cents per pound in March, down 0.2 cent from February and 0.4 cent below a year earlier. Dry whole milk prices for all package and container sizes averaged 42.03 cents per pound, 0.6 cent more than a month earlier and 1.4 cents more than in March 1967.

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USDA Nonfat Dry Milk Purchases and Payment-In-Kind Activity as Reported by ASCS
-Delivery basis-

Nonfat dry milk	March 1968	Cumulative	
		April 1, 1966 March 31, 1967	April 1, 1968 March 31, 1968
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>
Purchases	34.0	420.4	633.5
PIK exports 1/ ..	-	0.6	-
Combined	34.0	421.0	633.5

1/ Payment-in-kind export certificates issued. Registrations halted March 2, 1966.

Uncommitted inventories on April 19, 1968 totaled 287.1 million pounds.

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

Commodity	March 1967 ^{1/}	March 1968 ^{1/}			Jan.-Mar. 1968	
		Total	Change from--		Total	Change from Jan.-Mar. 1967
			March 1962-1966 average	March 1967		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	119,800	96,700	-33	-19	269,000	-18
Sweetened condensed whole (case goods)..	3,950	8,725	+29	+121	19,425	+69
Dry milk:						
Dry whole milk.....	8,000	7,700	-1	-4	21,900	+2
Nonfat dry milk (human food):						
Spray process.....	142,000	143,000	-22	+1	395,500	-1
Roller process.....	3,700	2,500	-67	-32	8,000	-30
Total.....	145,700	145,500	-24	-0	403,500	-2
Dry skim milk (animal feed)....	1,900	1,700	-18	+31	5,800	-3
Dry buttermilk.....	6,500	6,200	-25	-5	17,800	-3

^{1/} Estimates subject to revision when enumerations are available for 1967.

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

Commodity	Average March 31, 1962-66	March 31, 1967 ^{2/}	March 31, 1968		
			Total	Change from---	
				March 31 1962-66 av.	March 31 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	66,785	81,868	78,091	+17	-5
Sweetened condensed whole (case goods)..	5,817	13,755	8,213	+41	-40
Dry milk:					
Dry whole milk.....	6,103	7,213	6,329	+4	-12
Nonfat dry milk (human food):					
Spray process.....	90,327	91,749	75,518	-16	-18
Roller process.....	4,756	2,182	1,266	-73	-42
Total.....	95,083	93,931	76,784	-19	-18
Dry skim milk (animal feed)....	954	1,200	1,345	+41	+12
Dry buttermilk.....	7,021	11,508	4,257	-39	-63

^{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, March 1968 ^{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
7-7½	-	-	12,666	-	-	-
8-8½	-	-	2,700	-	-	-
9-9½	-	-	1,855	-	-	-
10-10½	-	-	75,720	-	-	-
11-11½	-	-	27,370	-	-	-
13-13½	-	-	-	-	272,570	-
13½-14	-	-	-	-	104,250	-
14-14½	-	-	1,058	-	109,472	-
14½-15	-	-	59,279	-	11,000	-
15-15½	-	-	50,845	-	-	-
15½-16	-	-	153,012	-	5,055	-
16-16½	-	-	148,423	3,600	-	-
16½-17	-	-	38,375	7,010	-	-
17-17½	33,400	33,400	7,400	1,398,650	-	-
17½-18	1,500,275	-	26,100	379,500	-	-
18-18½	594,450	90,000	1,880	954,437	-	-
18½-19	60,700	120,800	-	277,600	-	-
19-19½	35,031,005	655,200	-	1,187,090	-	-
19½-20	20,129,130	182,195	-	23,000	-	-
20-20½	20,707,806	118,554	-	15,000	-	-
20½-21	21,077,405	13,978	-	50,100	-	-
21-21½	2,106,216	4,321	-	32,200	-	-
21½-22	2,486,943	40,000	-	35,200	-	-
22-22½	1,463,262	-	-	-	-	-
22½-23	151,100	-	-	-	-	-
23-23½	-	-	-	8,600	-	-
24-24½	1,063	5,000	-	-	-	-
26½-27	54,900	-	-	-	-	-
27-27½	3,300	-	-	-	-	-
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35½-36½	-	-	-	-	-	34,350
36½-37½	-	-	-	-	-	1,291,500
37½-38½	-	-	-	-	-	993,250
38½-39½	-	-	-	-	-	1,295,619
39½-40½	-	-	-	-	-	615,485
41½-42½	-	-	-	-	-	118,371
42½-43½	-	-	-	-	-	2,295
46½-47½	-	-	-	-	-	141,216
49½-50½	-	-	-	-	-	14,975
52½-53½	-	-	-	-	-	621,913
56½-57½	-	-	-	-	-	289,012
57½-58½	-	-	-	-	-	288,216

^{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, March 1968, with comparisons 1/

Commodity	March 1967 <u>2/</u>	February 1968	March 1968		
			Total	Change from--	
				March 1967	February 1968
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	6,350	4,606	6,109	- 4	+33
Nonfat dry milk (human food):					
Spray process <u>3/</u>	146,609	119,739	130,222	=11	+ 9
Roller process.....	2,043	1,047	1,263	-38	+21
Total.....	148,652	120,786	131,485	-12	+ 9
Dry skim milk (animal feed).....	1,253	1,120	712	-43	-36
Dry buttermilk:					
For human food.....	3,462	3,335	5,299	+53	+59
For animal feed.....	515	326	548	+ 6	+68
Total.....	3,977	3,661	5,848	+47	+60

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, March 1968, with comparisons 1/

Commodity	March 1962-66	March 1967	February 1968	March 1968
	Cents	Cents	Cents	Cents
Nonfat dry milk: <u>2/</u>				
Spray process <u>3/</u>	15.05	19.97	19.84	19.95
Roller process.....	14.32	19.54	19.43	19.24
Spray and roller.....	15.03	19.96	19.84	19.94
Dry skim animal feed.....	11.32	15.89	15.05	14.70
Nonfat and dry skim.....	15.00	19.93	19.79	19.91
Dry buttermilk:				
Human food.....	14.30	18.60	18.44	18.25
Animal feed.....	11.53	15.81	13.92	13.50
Human and animal.....	13.92	18.24	18.04	17.80
Dry whole milk:				
Pkgs. over 5 lbs. <u>4/</u>	31.11	38.98	39.19	39.16
Total <u>5/</u>	35.71	40.61	41.44	42.03

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 14½-oz. cans, in cartons, by geographic divisions, March 1968, with comparisons 1/

Geographic division	March 1967	February 1968	March 1968
	Dollars	Dollars	Dollars
New England.....	7.18	7.14	7.17
Middle Atlantic.....	6.96	6.94	6.96
South Atlantic.....	7.08	7.08	7.10
East North Central.....	6.93	6.98	7.00
West North Central.....	7.01	7.01	7.02
South Central.....	7.12	7.12	7.14
North Western 2/.....	7.29	7.35	7.37
South Western 3/.....	6.99	7.00	7.00
United States.....	7.05	7.06	7.07

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, March 1968, with comparisons 1/

State and division	March 1967			February 1968			March 1968		
	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
Md.	4.22	4.00	1.06	4.20	4.06	1.03	4.22	3.94	1.07
Va.	3.98	3.92	1.02	4.12	4.08	1.01	4.01	3.85	1.04
S.Atl. 2/	4.09	3.98	1.03	4.16	4.13	1.01	4.14	3.94	1.05
Ohio.....	4.23	3.97	1.07	4.27	4.01	1.06	4.21	3.94	1.07
Ind.	4.32	4.06	1.06	4.39	4.04	1.09	4.34	3.97	1.09
Mich.	4.14	3.80	1.09	4.25	3.81	1.12	4.16	3.75	1.11
Wis.	4.28	3.68	1.16	4.33	3.69	1.17	4.28	3.65	1.17
E.N.C. 2/	4.22	3.84	1.10	4.29	3.84	1.12	4.23	3.79	1.12
Mo.	3.98	3.82	1.04	4.07	3.86	1.05	4.03	3.75	1.07
Kans.	4.02	3.74	1.07	4.00	3.74	1.07	3.99	3.69	1.08
W.N.C.	3.99	3.80	1.05	4.05	3.83	1.06	4.02	3.73	1.08
Ky.	3.96	3.88	1.02	4.07	3.97	1.03	4.00	3.82	1.05
Tenn.	4.00	3.93	1.02	4.15	4.06	1.02	4.05	3.98	1.04
Miss.	4.05	3.97	1.02	4.23	4.16	1.02	4.10	3.99	1.03
Ark.	3.92	3.73	1.05	4.01	3.87	1.04	4.00	3.74	1.07
S.Cent.	3.98	3.89	1.02	4.10	4.00	1.03	4.02	3.84	1.05
Calif. ...	4.07	3.72	1.09	4.13	3.81	1.08	4.14	3.73	1.11
S.W. 2/..	4.11	3.70	1.11	4.16	3.76	1.11	4.12	3.67	1.12
U.S. 2/..	4.09	3.82	1.07	4.17	3.88	1.07	4.11	3.78	1.09

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

2/ 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, March 1968, with comparisons 1/

Item	Average March 1962-66	March <u>2/</u> 1967	March 1968
Milk bought from producers..... pounds	363,799,000	262,928,000	224,457,000
Producers..... number	57,000	38,000	30,000
Average per producer per day... pounds	205.9	223.9	242.1
Change in purchases per producer:			
1968 from 1967..... percent	xxxxx	xxxxx	+ 8.1
1968 from 5-year average..... percent	xxxxx	xxxxx	+17.6

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.