

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
WASHINGTON, D. C.

April 29, 1955

EVAPORATED, CONDENSED, AND DRY MILK REPORT
FOR MARCH 1955

DRY MILK

Production of total nonfat dry milk solids during March was 17 percent below a year earlier, the Agricultural Marketing Service reports. Dry whole milk production during March was up 35 percent while dry buttermilk output was down 4 percent.

Total nonfat dry milk solids production during March equalled 112,000,000 pounds, down 17 percent from a year earlier but up 38 percent from the 1949-53 March average. Cumulative production for the first 3 months of the year totaled 297,800,000 pounds, 15 percent below the same period in 1954. Production of spray-dried nonfat milk solids totaled 94,750,000 pounds in March, 12 percent lower than a year earlier but 57 percent higher than the 5-year average. The combined January-March output of 251,350,000 pounds was 11 percent below the same quarter in 1954. Roller-dried nonfat milk solids production, at 17,250,000 pounds, declined 36 percent from March last year and 18 percent from the 1949-53 average. Cumulative production for the first 3 months of 1955 equalled 46,450,000 pounds, 28 percent below the same period last year.

March production of dry whole milk equalled 8,150,000 pounds, up 35 percent from a year earlier but down 24 percent from the 5-year March average. The combined January-March output of 21,800,000 pounds was 22 percent above the same months in 1954. Spray-dried whole milk production, at 7,600,000 pounds, was 30 percent higher than a year earlier but 23 percent lower than the 1949-53 average. At 20,100,000 pounds, cumulative production for the first 3 months of 1955 was 20 percent above the corresponding months last year. Production of roller-dried whole milk for March was 550,000 pounds, more than triple the 175,000 pounds of a year earlier, but 35 percent less than the 5-year March average. Cumulative production for January-March equalled 1,700,000 pounds, 67 percent higher than the same months in 1954.

Dry skim milk production for animal feed in March totaled 1,340,000 pounds, a decline of 31 percent from a year earlier and 21 percent from the March average. Combined production for January-March of 3,790,000 pounds was 23 percent less than the same months in 1954. Output of dry buttermilk was 5,150,000 pounds, down 4 percent from March 1954 but up 12 percent from the 5-year average. Cumulative production of 13,350,000 pounds for the first 3 months of the year was 10 percent less than the corresponding period of 1954.

Manufacturers' stocks of total nonfat dry milk solids equalled 64,126,000 pounds on March 31, a decline of 25 percent from a year earlier but practically unchanged from the 5-year average for the date. Stocks of spray-dried nonfat milk solids equalled 55,656,000 pounds, down 20 percent from March 31, 1954 but up 19 percent from average. Holdings of roller-dried nonfat milk solids, at 8,470,000 pounds, declined 48 percent and 51 percent, respectively, from a year earlier and the 1949-53 average for the date.

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MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING MARCH 1955
Reported shipments (f.o.b. plant)

NONFAT DRY MILK SOLIDS (Bulk goods)			DRY SKIM	DRY BUTTERMILK (Bulk goods)		
Price 1/	Spray process 2/	Roller process	Animal feed	Price 1/	Human food	Animal feed
Cents	-- Pounds --			Cents	-- Pounds --	
4 - 4½			2,790	5 - 5½		1,270
5 - 5½			3,505	6 - 6½		40,200
6 - 6½			1,015	7½ - 8		116,634
6½ - 7			6,460	8 - 8½		112,025
7 - 7½			10,023	8½ - 9		93,367
8 - 8½			50,248	9 - 9½	306,402	31,773
9 - 9½			40,747	9½ - 10	-	31,540
9½ - 10			86,738	10 - 10½	8,400	95,105
10 - 10½			86,310	10½ - 11	-	11,600
10½ - 11			89,808	11 - 11½	-	37,890
11 - 11½		2,000	192,245	11½ - 12	-	44,300
11½ - 12		-	74,131	12 - 12½	78,220	32,530
12 - 12½		6,500	6,600	12½ - 13	70,600	19,900
12½ - 13		127,910	12,739	13 - 13½	168,825	-
13 - 13½		2,622,713	14,420	13½ - 14	-	60,901
13½ - 14		2,933,030		14 - 14½	531,406	
14 - 14½	1,683,145	2,620,477		15 - 15½	60,855	
14½ - 15	6,546,976	2,339,466		15½ - 16	83,300	
15 - 15½	20,567,450	225,125		16 - 16½	7,600	
15½ - 16	36,908,796	153,100		17 - 17½	20,300	
16 - 16½	6,658,028			17½ - 18	1,200	
16½ - 17	2,737,209			18 - 18½	1,500	
17 - 17½	98,725					
17½ - 18	40,477					
Total	75,240,606	11,030,321	677,779		1,338,608	729,035
Total human	86,271,127					
Grand total		86,948,906			2,067,643	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING MARCH 1955 3/
Reported shipments (f.o.b. plant)

Price 1/	1-2½ lb. packages	5-lb. packages	All other packages, including obls. & drums	Total reported shipments
Cents	-- Pounds --			
28½ - 29½			27,950	27,950
29½ - 30½			417,908	417,908
30½ - 31½			803,639	803,639
31½ - 32½		6,080	44,000	50,080
32½ - 33½		-	30,871	30,871
34 - 35	42,072	-	293,730	335,802
35 - 36	-	-	19,067	19,067
36 - 37	458,685	121,950	453,896	1,034,531
37 - 38	-	8,135		8,135
38 - 39	164,106	1,138,371		1,302,477
40 - 41	-	27,150		27,150
42 - 43	-	14,760		14,760
43 - 44	1,666,017	-		1,666,017
44 - 45	-	56,265		56,265
47 - 48	34,575			34,575
Total	2,365,455	1,372,711	2,091,061	5,829,227

1/ Classified according to average monthly prices reported by firms.
2/ Excludes spray-dried nonfat dry milk solids sold in retail packages.
3/ Includes some dry whole milk in special packages for export.

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK SOLIDS, MARCH 1955

	Nonfat dry milk solids			Dry skim an. feed	N. F. solids & dry skim	Dry buttermilk			Dry whole milk			Total shipments
	Spray	Roller	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. 1/	
	— Cents per pound —											
Mar. 1955	2/15.53	13.91	15.33	10.32	15.29	12.80	9.53	11.65	42.19	39.35	32.55	38.06
Feb. 1955	2/15.58	14.17	15.37	10.66	15.33	12.73	10.14	11.99	44.74	39.53	33.63	40.07
Mar. 1954	15.28	12.79	14.89	10.07	14.83	13.14	7.82	11.23	44.79	39.28	36.27	40.57
Mar. 49-53	14.08	12.37	13.71	10.29	13.66	12.93	9.56	11.29	48.40	43.76	36.65	42.35

1/ Includes barrels and drums.

2/ Excludes spray-dried nonfat milk solids sold in retail packages.

MANUFACTURERS' AVERAGE CARLOT SELLING PRICES OF EVAPORATED WHOLE MILK IN CASES OF 48 14½-OZ. CANS, BY GEOGRAPHIC DIVISIONS, MARCH 1955, WITH COMPARISONS 1/

Geographic division	March 1954	February 1955	March 1955
	— Dollars —		
New England	5.63	5.54	5.56
Middle Atlantic	5.62	5.54	5.54
South Atlantic	5.68	5.56	5.56
East North Central	5.58	5.47	5.49
West North Central	5.68	5.55	5.55
South Central	5.79	5.62	5.62
North Western	5.90	5.69	5.69
South Western	5.88	5.66	5.66
United States	5.69	5.56	5.57

1/ Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

Prices paid for entire month of March at 15 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order; Price per cwt. Chicago - \$3.017

Prices received f.o.b. plants for nonfat dry milk solids in the Chicago area covering the States of Illinois, Indiana, Michigan, Minnesota, and Wisconsin for the period February 26, 1955, through March 25, 1955, averaged for: Cents per pound
Spray - 15.53
Roller - 13.59

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Stocks of dry whole milk held by manufacturers on March 31 were reported at 7,678,000 pounds, 1 percent above a year earlier but 42 percent below the 5-year average. Stocks of spray-dried whole milk equalled 7,600,000 pounds, practically unchanged from March 31, 1954 but 42 percent less than average. Roller-dried whole milk stocks totaled 78,000 pounds, 90 percent higher than a year earlier although 38 percent lower than the March 31 average.

Stocks of dry skim milk for animal feed on March 31 equalled 632,000 pounds, a decline of 51 percent from a year earlier and 60 percent from the 1949-53 average. Stocks of dry buttermilk equalled 3,967,000 pounds, down 49 percent from March 31, 1954 and 43 percent from average.

U. S. Department of Agriculture purchases of nonfat dry milk solids for price support purposes in April through the 26th totaled 62,258,000 pounds and were 37,134,000 pounds for the entire month of March. For the marketing year, April 1, 1954 through March 31, 1955, purchases totaled 523,207,000 pounds. The Department held 83,534,000 pounds of uncommitted supplies of nonfat dry milk solids on April 20, 1955. There were no sales of nonfat dry milk solids back to the trade for domestic use in April through the 26th. Sales of 15,500 pounds were made during March and 4,398,000 pounds were sold

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AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED PRIMARILY FOR EVAPORATED MILK DURING
MARCH 1955, WITH COMPARISONS ^{1/}

State and division	March 1954			February 1955			March 1955		
	Price paid per 100 lbs. milk	Butter-fat test	Price per lb. of butter-fat	Price paid per 100 lbs. milk	Butter-fat test	Price per lb. of butter-fat	Price paid per 100 lbs. milk	Butter-fat test	Price per lb. of butter-fat
	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars
Pa.	3.19	3.68	.87	3.18	3.75	.85	3.09	3.64	.85
M. Atl. ^{2/}	3.20	3.69	.87	3.18	3.75	.85	3.10	3.64	.85
Md.	3.18	3.96	.80	3.33	4.08	.81	3.15	3.92	.80
Va.	3.21	4.29	.75	3.45	4.52	.76	3.31	4.28	.77
S. Atl. ^{2/}	3.26	4.30	.76	3.48	4.51	.77	3.29	4.27	.77
Ohio	3.20	4.07	.79	3.40	4.14	.82	3.30	4.01	.82
Ind.	3.43	4.22	.81	3.64	4.31	.85	3.51	4.14	.85
Ill.	2.98	3.72	.80	3.14	3.78	.83	3.08	3.72	.83
Mich.	3.15	3.87	.81	3.28	3.88	.85	3.23	3.82	.85
Wis.	3.28	3.67	.89	3.18	3.68	.87	3.14	3.64	.86
E. N. C.	3.22	3.84	.84	3.28	3.87	.85	3.22	3.81	.85
Iowa	3.08	3.72	.83	3.15	3.74	.85	3.14	3.71	.85
Mo.	3.29	4.31	.76	3.52	4.47	.79	3.38	4.27	.79
Kans.	3.13	4.07	.77	3.38	4.25	.79	3.21	4.07	.79
W.N.C. ^{2/}	3.18	4.02	.79	3.34	4.09	.82	3.26	4.00	.82
Ky.	3.19	4.33	.74	3.44	4.59	.75	3.27	4.29	.76
Tenn.	3.22	4.39	.73	3.48	4.63	.75	3.32	4.36	.76
Ala.	3.17	4.36	.73	3.46	4.62	.75	3.31	4.31	.77
Miss.	3.10	4.25	.73	3.42	4.59	.74	3.20	4.27	.75
Ark.	3.25	4.28	.76	3.52	4.52	.78	3.35	4.28	.78
S. Cent. ^{2/}	3.20	4.33	.74	3.47	4.60	.76	3.29	4.31	.76
Idaho	3.49	4.01	.87	3.70	4.15	.89	3.57	4.03	.89
Wash.	3.68	4.09	.90	3.63	4.28	.85	3.52	4.21	.84
Oreg.	3.68	4.28	.86	3.82	4.50	.85	3.66	4.30	.85
N. W.	3.60	4.09	.88	3.70	4.26	.87	3.57	4.14	.86
Utah	2.76	3.48	.79	3.15	3.82	.87	3.07	3.53	.87
Calif.	3.47	3.90	.89	3.50	4.02	.87	3.32	3.85	.86
S. W. ^{2/}	3.38	3.87	.88	3.43	3.94	.87	3.29	3.80	.86
U. S. ^{2/}	3.26	3.98	.82	3.37	4.06	.83	3.27	3.96	.83

^{1/} Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.o.b. plant.

^{2/} Includes prices for some States not shown separately.

MILK PURCHASED BY CONDENSERIES, MARCH 1955, WITH COMPARISONS ^{1/}

	Unit	Average 1949-53	1954	1955
Purchases, reported total	Pounds	500,078,000	538,430,000	527,503,000
Producers	Number	138,000	135,000	126,000
Average daily purchases per producer	Pounds	117.2	128.7	135.0
Change in purchases per producer:				
1955 from 1954	Percent	XXXX	XXXX	+ 4.9
1955 from 5-year average	Percent	XXXX	XXXX	+15.2

^{1/} Milk purchases at plants (or their receiving stations) which have canning equipment. 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.

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back for domestic use in the marketing year April 1, 1954 through March 31, 1955. The Department sold 754,000 pounds of nonfat dry milk solids for animal and poultry feed in April through the 26th, 1,238,000 pounds for the month of March and 3,639,000 pounds so far in 1955 through April 26.

Sales of total nonfat dry milk solids for March, as shown by reporting manufacturers, were 23 percent higher than the preceding month but 28 percent lower than a year earlier. Manufacturers' sales of dry whole milk were reported at 5,829,000 pounds, 11 percent less than the previous month but 4 percent more than March 1954. Buttermilk sales during March, at 2,068,000 pounds, were down 5 percent and 28 percent, respectively, from a month earlier and a year earlier.

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK

Commodity	March 1954 ^{1/}	March 1955 ^{1/}	Change in Mar. 1955 from		Cumulative total	
	1,000 pounds		1949-53 average	1954	Jan.-Mar. 1955	Change from Jan.-Mar. 1954
Evaporated and condensed milk			Percent		1,000 lb.	Percent
Evaporated whole (case goods)	194,900	230,350	+ 3	+ 18	569,150	+ 10
Condensed whole (case goods)	2,100	2,950	- 57	+ 40	7,750	+ 23
Dry milk						
Dry whole						
Spray process	5,850	7,600	- 23	+ 30	20,100	+ 20
Roller process	175	550	- 35	+ 214	1,700	+ 67
Total	6,025	8,150	- 24	+ 35	21,800	+ 22
Dry nonfat solids						
Human food - spray process	107,800	94,750	+ 57	- 12	251,350	- 11
Human food - roller process	27,000	17,250	- 18	- 36	46,450	- 28
Total (human food)	134,800	112,000	+ 38	- 17	297,800	+ 15
Dry skim milk (animal feed)	1,950	1,340	- 21	- 31	3,790	- 23
Dry buttermilk	5,365	5,150	+ 12	- 4	13,350	+ 10

^{1/} Estimates subject to revisions when enumerations are available for 1954.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK, MARCH 31 ^{1/}

Commodity	Average 1949-53	1954 ^{2/}	1955	Change in 1955 from 1949-53 av.	
	1,000 pounds			Percent	
Evaporated and condensed milk					
Evaporated whole (case goods)	133,806	102,634	97,640	- 27	- 5
Condensed whole (case goods)	8,456	4,997	3,895	- 54	- 22
Dry milk					
Dry whole					
Spray process	13,181	7,588	7,600	- 42	0
Roller process	125	41	78	- 38	+ 90
Total	13,306	7,629	7,678	- 42	+ 1
Dry nonfat solids					
Human food - spray process	46,870	69,255	55,656	+ 19	- 20
Human food - roller process	17,277	16,256	8,470	- 51	- 48
Total (human food)	64,147	85,511	64,126	- 0	+ 25
Dry skim milk (animal feed)	1,576	1,277	632	- 60	- 51
Dry buttermilk	6,903	7,803	3,967	- 43	- 49

^{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.

Manufacturers' selling prices of total nonfat dry milk solids during March averaged 15.33 cents per pound. This compares with 15.37 cents for the preceding month and 14.89 cents for a year earlier. Spray-dried nonfat milk solids averaged 15.53 cents for March, slightly below the previous month but $\frac{1}{4}$ cent above a year earlier. March prices of roller-dried nonfat milk solids averaged 13.91 cents, down $\frac{1}{4}$ cent from the preceding month but up 1.1 cents from a year earlier.

Sales by manufacturers of dry skim milk for animal feed in March averaged 10.32 cents per pound; $\frac{1}{3}$ cent below the previous month but $\frac{1}{4}$ cent above a year earlier. Combining both human food and animal feed, the price of dry buttermilk averaged 11.65 cents during March, $\frac{1}{3}$ cent lower than the preceding month but $\frac{2}{5}$ cent higher than a year earlier.

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Selling prices of dry whole milk for all sizes of packages averaged 38.06 cents during March. This is a decline of 2.0 cents from the previous month and 2.5 cents from a year earlier. Prices of 1-2½ pound packages averaged 42.19 cents, 2.6 cents below both the preceding month and a year earlier. In 5 pound packages, prices averaged 39.35 cents, down 1/5 cent from the previous month but up 1/10 cent from a year earlier. In miscellaneous large packages, mostly barrels and drums, prices averaged 32.55 cents for March, a decline of 1.1 cents from the preceding month and 3.7 cents from a year earlier.

EVAPORATED AND CONDENSED MILK

March production of evaporated whole milk is estimated at 230,350,000 pounds, highest for the month since 1951, a gain of 18 percent from a year earlier and 3 percent from the 5-year March average, the Agricultural Marketing Service reports. Cumulative output for the first three months of 1955 totals 569,150,000 pounds, a gain of 10 percent from the same period in 1954.

Estimated production of canned condensed whole milk for March equals 2,950,000 pounds, second lowest for the month in 38 years of record. However, this production represented a gain of 40 percent from a year earlier but a decline of 57 percent from the 5-year March average. During the first quarter of 1955, production totals 7,750,000 pounds, a gain of 23 percent from the same quarter of 1954.

Manufacturers' stocks of evaporated whole milk were reported at 97,640,000 pounds on March 31, lowest for the date since 1952, down 5 percent from a year earlier, and 27 percent from the 5-year average. Stocks of canned condensed whole milk, at 3,895,000 pounds, were the lowest for the date in 36 years of record, down 22 percent from a year earlier and 54 percent from the 5-year average.

Selling prices of evaporated whole milk for March averaged \$5.57 per case of 48 14½-oz. cans, a gain of 1 cent from the preceding month, but a decline of 12 cents per case from a year earlier. Prices were unchanged from the preceding month in the Middle Atlantic, South Atlantic, West North Central, South Central, North Western and South Western regions, but were 2 cents higher in both the New England and East North Central areas.

Condenseries paid \$3.27 per hundredweight for milk testing 3.96 percent butterfat during March, or an average of 83 cents per pound of butterfat. This average price per pound of butterfat in milk is unchanged from the preceding month but is 1 cent higher than a year earlier. By States, the price per pound of butterfat ranges from 75 cents in Mississippi to 89 cents in Idaho.

Purchases of milk, from approximately 126,000 producers, in March, by reporting condenseries totaled 527,503,000 pounds. The average daily purchases per producer were 135 pounds, a gain of 5 percent from a year earlier and 15 percent from the 5-year March average.