

BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON, D. C.

April 30, 1953

EVAPORATED, CONDENSED, AND DRY MILK REPORT
(MARCH 1953)

DRY MILK

Both production and manufacturers' stocks of total nonfat dry milk solids for March were the highest of record, the Bureau of Agricultural Economics reports. Selling prices of this product, except for a year earlier, were the highest of record.

Output of total nonfat dry milk solids for March totaled 108,700,000 pounds, a gain of 60 percent from a year earlier and 57 percent from the March 1947-51 average. Cumulative production for the first 3 months of 1953 totaled 267,000,000 pounds, a gain of 64 percent from the same period a year earlier.

Spray-dried nonfat milk solids production was 86,200,000 pounds, a gain of 61 percent from the year earlier and 82 percent from the 5-year average for the month. During the period from January through March, production totaled 216,800,000 pounds, a gain of 71 percent from the same months in 1952. Roller-dried nonfat milk solids production for March showed a particularly marked gain in the margin from a year earlier when compared with the preceding month. At 22,500,000 pounds, production of this item was 57 percent above a year earlier and 2 percent higher than the 1947-51 average for the month. In February production was only 29 percent higher than a year earlier. During the first 3 months of 1953 a total of 50,200,600 pounds of roller-dried nonfat milk solids was produced, a gain of 40 percent over the same period in 1952.

Dry whole milk production for March was 8,250,000 pounds, the lowest for the month since 1942, down 3 percent from a year earlier and 31 percent from the 5-year average for the month. During the first quarter of 1953, output was 22,800,000 pounds, which was unchanged from the production of the same 3 months in 1952. Spray-dried whole milk production for March was 8,150,000 pounds, a gain of 2 percent from a year earlier but a decline of 23 percent from the 1947-51 average for the month. Cumulative production of 21,050,000 pounds for the first 3 months of this year was 2 percent less than that of the same period in 1952. Roller-dried whole milk production was 100,000 pounds for March, down 81 percent from a year earlier and 92 percent from the 5-year average. During the first quarter of 1952, output of 1,750,000 pounds was 27 percent more than that of the same months in 1952.

Output of dry skim milk for animal feed for March was 1,770,000 pounds, the highest for the month since 1949, a gain of 24 percent from a year earlier and 18 percent from the 5-year average for March. From January through March this year, production totaled 3,970,000 pounds, a gain of 15 percent from the same period a year earlier. Dry buttermilk production for March was 5,200,000 pounds, highest for the month since 1944, a gain of 7 percent from a year earlier and 19 percent from the 1947-51 average for the month. Cumulative production for the first quarter of 1953 totaled 12,900,000 pounds, a gain of 15 percent from the same months a year earlier.

Manufacturers' stocks of total nonfat dry milk solids at the end of March were 132,555,000 pounds, highest in 19 years of record for the date, a gain of 282 percent from a year earlier and 149 percent from the 5-year average for the date. Stocks of spray-dried nonfat milk solids were 100,000,000 pounds, which is

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Reported shipments (F.O.B. Plant)

Price 1/ Cents	DRY MILK SOLIDS (Bulk goods)		DRY SKIM Animal feed	Price 1/ Cents	DRY BUTTER MILK (Bulk goods)	
	Spray process	Roller process			Human food	Animal feed
	Pounds			Pounds		
6 - 6½			24,690	5 - 5½	48,500	
6½ - 7			8,241	7 - 7½	63,400	
8 - 8½			14,977	7½ - 8	58,600	
8½ - 9			25,705	8 - 8½	41,641	
9 - 9½			52,692	8½ - 9	168,320	
9½ - 10		156,685	135,867	9 - 9½	87,774	
10 - 10½		199,874	94,372	9½ - 10	75,325	
10½ - 11		121,400	85,866	10 - 10½	48,100	
11 - 11½		792,000	119,188	10½ - 11	7,000	
11½ - 12		459,210	86,089	11 - 11½	55,200	
12 - 12½		418,563	157,299	11½ - 12	8,020	
12½ - 13		1,310,841	2,540	12 - 12½	81,500	
13 - 13½		1,345,437	165,790	13 - 13½	135,750	
13½ - 14	389,105	740,091	-	13½ - 14	33,500	
14 - 14½	484,025	6,302,994	13,013	14½ - 15	31,610	
14½ - 15	1,250,571	955,489	1,040	15 - 15½	728,555	
15 - 15½	20,300,728	117,460	-	15½ - 16	90,655	
15½ - 16	2,958,639	63,977	-	16 - 16½	1,000	
16 - 16½	28,474,472	146,500	-	16½ - 17	26,400	
16½ - 17	18,333,676	400,697	-	17 - 17½	1,800	
17 - 17½	6,777,903	-	-	18 - 18½	31,325	
17½ - 18	1,137,610	-	-	18½ - 19	1,000	
18 - 18½	2,080,301	-	-			
18½ - 19	157,075	4,000	-			
19 - 19½	4,550	-	-			
TOTAL	81,348,655	13,535,218	987,369		1,331,995	844,556
TOTAL HUMAN	94,883,873					
GRAND TOTAL		95,871,242			2,176,551	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING MARCH 1953 2/ (F.O.B. Plant)

Price 1/ Cents	1-2½ lb. packages	5 lb. packages	All other pkgs. in- cluding bbls. & drums	Total
				reported shipments
	Pounds			
30½ - 31½			35,577	35,577
31½ - 32½			85,500	85,500
32½ - 33½			25,000	25,000
33½ - 34½		5,060	37,630	42,690
34½ - 35½		-	260,602	260,602
35½ - 36½		-	90,798	90,798
36½ - 37½	7,224	-	296,903	304,127
37½ - 38½	-	-	100,906	100,906
38½ - 39½	-	-	890,899	890,899
39½ - 40½	-	931,490	5,523	938,013
40½ - 41½	149,175	170,710	324,541	644,426
41½ - 42½	505,946	9,150	-	515,096
42½ - 43½	27,900	-	-	27,900
43½ - 44½	-	1,554,528	-	1,554,528
44½ - 45½	30,662	-	5,377	36,039
45½ - 46½	-	163,110	-	163,110
46½ - 47½	-	-	-	1,885,841
47½ - 48½	1,885,841	-	-	9,780
48½ - 49½	-	9,780	-	
49½ - 50½				
50½ - 51½				
51½ - 52½				
52½ - 53½				
TOTAL	2,606,748	2,843,828	2,160,256	7,610,832

1/ Classified according to average monthly prices reported by firms.

2/ Includes some dry whole in special packages for export.

	Nonfat Dry Milk Solids			Dry Skim An. Feed	N. F. Solids & Dry Skim	Dry Buttermilk			Dry Whole Milk			Total shipments
	Spray	Roller	Spray & Roller			Human Food	Animal Feed	Human and Animal	1-2 1/2 lb. pkgs.	5-lb. pkgs.	Other pkgs. incl. bbls. & drums	
	--- Cents per pound ---											
Mar. 1953	16.14	13.55	15.77	10.96	15.72	14.11	8.93	12.10	47.42	42.46	37.61	42.79
Feb. 1953	16.37	14.01	15.96	10.37	15.86	13.76	10.60	11.43	49.53	44.97	37.39	44.04
Mar. 1952	16.05	15.23	15.90	12.46	15.84	15.30	11.41	13.46	48.73	47.32	41.21	46.04
Mar. 1947-51	12.77	11.27	12.34	9.26	12.27	11.72	9.23	10.97	1/	1/	1/	42.10

1/ Not available.

MANUFACTURERS' AVERAGE CARLOT SELLING PRICES OF EVAPORATED WHOLE MILK
IN CASES OF 48 14 1/2-OZ. CANS, BY GEOGRAPHIC DIVISIONS, MARCH 1953
WITH COMPARISONS 1/

Geographic Division	March 1952	February 1953	March 1953
	--- Dollars ---		
New England	6.39	6.20	6.10
Middle Atlantic	6.39	6.17	6.08
South Atlantic	6.40	6.21	6.13
East North Central	6.29	6.10	6.01
West North Central	6.36	6.20	6.11
South Central	6.39	6.26	6.20
North Western	6.45	6.34	6.26
South Western	6.43	6.37	6.27
United States	6.38	6.21	6.12

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 in March at 17 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order

Chicago 3.276

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, 1953 through March 25, 1953 averaged for:

Spray	16.79 cents per pound
Roller	13.80 cents per pound

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nearly four times the stocks of a year earlier and nearly three times those of the 5-year average for the date. Holdings of roller-dried nonfat milk solids were 32,555,000 pounds, which is nearly four times stocks of a year earlier and nearly double those of the 5-year average for the date. Holdings of dry skim milk for animal feed were 1,730,000 pounds, a gain of 12 percent from a year earlier and 44 percent from the 5-year average. Stocks of dry buttermilk at the end of March were 12,300,000 pounds, highest for the date in 23 years of record, nearly double the holdings of a year earlier and 137 percent above the 5-year average.

Manufacturers' stocks of dry whole milk were 13,311,000 pounds, lowest for the date since 1950, although only fractionally lower than a year earlier and 5 percent less than the 5-year average. Spray-dried whole milk stocks were 13,259,000 pounds at the end of March, which were practically unchanged from a year earlier but 4 percent less than the 5-year average.

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FOR EVAPORATED MILK DURING MARCH 1953 1/ WITH COMPARISONS

State and Division	March 1952			February 1953			March 1953		
	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	Pct.	Dollars	Dollars	Pct.	Dollars	Dollars	Pct.	Dollars
N. Y.	4.05	3.63	1.12	3.59	3.76	.95	3.46	3.71	.93
M. Atl. 2/	3.98	3.64	1.10	3.65	3.87	.94	3.48	3.75	.93
Va.	4.31	4.39	.98	3.96	4.53	.87	3.69	4.33	.85
S. Atl. 2/	4.45	4.40	1.01	3.96	4.50	.88	3.70	4.32	.86
Ohio	4.48	4.13	1.08	3.72	4.18	.89	3.49	4.10	.85
Ind.	4.68	4.25	1.10	3.95	4.31	.92	3.70	4.19	.88
Ill.	4.17	3.73	1.12	3.57	3.78	.94	3.38	3.74	.90
Mich.	4.29	3.94	1.09	3.64	3.94	.92	3.44	3.86	.89
Wis.	4.03	3.69	1.09	3.68	3.72	.99	3.55	3.68	.97
E. N. C.	4.22	3.86	1.09	3.69	3.90	.95	3.52	3.84	.91
Iowa	4.04	3.69	1.09	3.42	3.69	.93	3.38	3.67	.92
Mo.	4.77	4.32	1.10	3.99	4.47	.89	3.89	4.46	.87
Kans.	4.48	4.06	1.10	3.78	4.16	.91	3.54	4.03	.88
W. N. C. 2/	4.42	4.00	1.10	3.71	4.08	.91	3.63	4.08	.89
Ky.	4.35	4.42	.98	3.85	4.51	.85	3.56	4.35	.82
Tenn.	4.32	4.42	.98	3.97	4.59	.87	3.66	4.39	.83
Ala.	4.49	4.47	1.00	4.09	4.69	.87	3.79	4.39	.86
Miss.	4.20	4.32	.97	3.87	4.47	.87	3.56	4.24	.84
S. Cen. 2/	4.36	4.40	.99	3.92	4.53	.86	3.63	4.34	.84
Idaho	4.54	4.14	1.10	4.26	4.16	1.02	3.91	4.00	.98
Wash.	4.69	4.20	1.12	4.16	3.99	1.04	4.17	4.12	1.01
Oregon	4.68	4.58	1.02	4.60	4.57	1.01	4.41	4.48	.98
N. W.	4.61	4.20	1.10	4.25	4.14	1.03	4.05	4.09	.99
Colo.	4.65	3.95	1.17	3.89	3.92	.99	3.73	3.88	.96
Utah	3.94	3.51	1.12	3.61	3.55	1.02	3.33	3.51	.95
Calif.	4.61	3.98	1.16	4.68	4.04	1.16	4.41	3.86	1.14
S. W. 2/	4.49	3.90	1.15	4.46	3.96	1.13	4.21	3.81	1.11
U. S. 2/	4.31	3.97	1.08	3.87	4.05	.95	3.68	3.98	.93

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 1953, WITH COMPARISONS 1/

	Unit	Average 1947-51	1952 2/	1953
Purchases, reported total	Pounds	499,232,000	460,352,000	536,672,000
Producers	Number	137,000	130,000	141,000
Average daily purchases per producer	Pounds	117.2	114.2	122.8
Change in purchases per producer 1953 from 1952	Percent	XXXX	XXXX	+7.5
1953 from 5-year	Percent	XXXX	XXXX	+4.8

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.
 2/ Revised.

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Manufacturers' sales of total nonfat dry milk solids were 94,884,000 pounds for March, highest for the month in 24 years of record, a gain of 26 percent from the preceding month and 62 percent from a year earlier. Sales of dry whole milk were 7,611,000 pounds, lowest for the month since 1943, down 7 percent from the preceding month and 14 percent from a year earlier. Dry buttermilk sales for March were 2,177,000 pounds, a gain of 7 percent from the preceding month but a decline of 5 percent from a year earlier.

COMMODITY	March 1952 1/	March 1953 1/	Change in March 1953 from		Cumulative total	
			1947-51 average	1952	Jan.-Mar. 1953	Change from Jan.-Mar. 1952
	Thousand pounds		Percent		Thous. lb.	Percent
Evaporated and Condensed Milk						
Evaporated whole (case goods)	205,000	201,750	-20	-2	532,350	+1
Condensed whole (case goods)	7,350	4,300	-51	-41	13,900	-32
Dry Milk						
Dry Whole						
Spray process	8,000	8,150	-23	+2	21,050	-2
Roller process	540	100	-92	-81	1,750	+27
Total	8,540	8,250	-31	-3	22,800	0
Dry nonfat solids						
Human food - Spray process	53,500	86,200	+82	+61	216,800	+71
Human food - Roller process	14,300	22,500	+2	+57	50,200	+40
Total (human food)	67,800	108,700	+57	+60	267,000	+64
Dry skim milk (animal feed)	1,430	1,770	+18	+24	3,970	+15
Dry buttermilk	4,865	5,200	+19	+7	12,900	+15

1/ Estimates. Subject to revision when enumerations are available for 1952.

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

COMMODITY	Average 1947-51	1952 2/	1953	Change in 1953 from	
				1947-51	1952
	Thousand pounds			Percent	
Evaporated and Condensed Milk					
Evaporated whole (case goods)	107,518	76,443	238,043	+121	+211
Condensed whole (case goods)	7,725	8,237	9,489	+23	+15
Dry Milk					
Dry Whole					
Spray process	13,755	13,246	13,259	-4	0
Roller process	198	98	52	-74	-47
Total	13,953	13,344	13,311	-5	0
Dry nonfat solids					
Human food - Spray process	36,041	26,387	100,000	+177	+279
Human food - Roller process	17,172	8,275	32,555	+90	+293
Total (human food)	53,213	34,662	132,555	+149	+282
Dry skim milk (animal feed)	1,220	1,574	1,760	+44	+12
Dry buttermilk	5,185	6,410	12,300	+137	+92

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.

The United States Department of Agriculture purchased 88,181,000 pounds of nonfat dry milk solids during March 1953. Cumulative purchases for the fiscal year 1952-53 ending March 31 totaled 212,067,000 pounds. Purchases during April through the 24th of the month totaled 32,379,000 pounds. All these purchases were made for purposes of price support.

Manufacturers' selling prices of total nonfat dry milk solids averaged 15.77 cents per pound for March, the highest of record for the month except for a year earlier when prices averaged 15.90 cents per pound. The March prices showed a decline of approximately .2 cent per pound from the preceding month. Spray-dried nonfat milk solids prices averaged 16.14 cents per pound for March, highest in 9 years of record for the month and compare with 16.37 cents in February and 16.05 cents a year earlier. Selling prices of roller-dried nonfat milk solids averaged 13.55 cents for March compared with 14.01 cents in February and 15.23 cents for the same month a year earlier.

Selling prices of dry skim milk for animal feed averaged 10.96 cents for March compared with 10.37 cents for February and 12.46 cents for March a year earlier. Combining prices for both human food and animal feed, dry buttermilk averaged 12.10 cents for March, a gain of two-thirds of a cent from the preceding month but a decline of 1 1/3 cents from a year earlier.

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Selling prices of dry whole milk in all sizes of packages averaged 42.79 cents for March, a decline of approximately 1.2 cents from the preceding month and 3.2 cents from a year earlier. In 1-2 $\frac{1}{2}$ pound packages, prices averaged 47.42 cents, a decline of more than 2 cents from the preceding month and 1.3 cents from a year earlier. Prices in 5-pound packages averaged 42.46 cents for March, a decline of 2 $\frac{1}{2}$ cents from February and nearly 5 cents from a year earlier. In miscellaneous large packages, mostly barrels and drums, prices of dry whole milk averaged 37.61 cents for March compared with 37.39 cents in February and 41.21 cents a year earlier.

EVAPORATED AND CONDENSED MILK

March production of evaporated milk was 201,750,000 pounds, lowest for the month since 1940, down 2 percent from a year earlier and 20 percent from the 5-year average for the month, the Bureau of Agricultural Economics reports. During the first 3 months of 1953 output totaled 532,350,000 pounds, a gain of 1 percent over the same period in 1952.

Output of canned condensed whole milk for March was 4,300,000 pounds, a decline of 41 percent from a year earlier and 51 percent from the March 1947-51 average. Except for 1951, the present March production is the lowest for the month during the past 13 years. Production during the first 3 months of 1953 totaled 13,900,000 pounds, a decline of 32 percent from the same period a year earlier.

While manufacturers' stocks of evaporated milk have declined 270,000,000 pounds during the past 6 months, they are still at the highest level for March 31 in 34 years of record. Holdings at the end of March were 238,043,000 pounds, more than three times the low stocks of a year earlier and more than double those of the 5-year average for the date.

Holdings of canned condensed whole milk by manufacturers on March 31 were 9,489,000 pounds, highest for the date since 1931, although very little higher than the stocks held on the same date in 1951. Present stocks are 15 percent above a year earlier and 23 percent higher than the 1947-51 March 31 average.

Manufacturers' selling prices of evaporated milk for March averaged \$6.12 per case of 48 14 $\frac{1}{2}$ -ounce cans, lowest for the ^{month} since 1950, 9 cents under the preceding month and 26 cents under a year earlier. Declines by geographical regions from the preceding month ranged from 6 cents in the South Central region to as high as 10 cents in the New England and the Southwestern regions.

Based on actual butterfat tests, condenseries paid \$3.68 per hundredweight in March for milk testing 3.98 percent butterfat, or an average of 93 cents per pound of butterfat. This price per pound of butterfat was the lowest for the month since 1950. The average price per pound of butterfat by States ranged from as low as 82 cents in Kentucky to as high as \$1.14 in California. Changes from the preceding month in the price per pound of butterfat ranged from a decline of 1 cent in Iowa and Alabama to as much as a 7-cent decrease in Utah.

Purchases of milk by reporting condenseries totaled 536,672,000 pounds during March. These purchases were made from approximately 141,000 producers. The daily average purchases per producer were 122.8 pounds for March, a gain of between 7 and 8 percent from a year earlier and 5 percent from the 5-year average for the month.