

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

March 31, 1954

EVAPORATED, CONDENSED, AND DRY MILK REPORT  
FOR FEBRUARY 1954

DRY MILK

February output of total nonfat dry milk solids was the highest for the month in 20 years of record, the Agricultural Marketing Service reports. Although manufacturers' stocks at the end of February were about one-third less than a year earlier they were still higher than those of any other year on record for the date.

Total nonfat dry milk solids production for February, at 102,300,000 pounds, was 26 percent higher than that of a year earlier and 97 percent above the 1948-52 average for the month. Cumulative production for January and February totaled 205,650,000 pounds, a gain of 29 percent over the same two months of 1953. Production of spray-dried nonfat milk solids equalled 83,000,000 pounds, highest in 12 years of record for the month, up 25 percent from a year earlier and 120 percent from the 5-year average. Production during January and February combined totaled 168,500,000 pounds, a gain of 29 percent from the same months a year earlier. Production of roller-dried nonfat milk solids, at 19,300,000 pounds, was the highest in February since 1950, a gain of 35 percent from the 5-year February average. Output during January and February totaled 37,150,000 pounds, a gain of 33 percent from the same two months a year earlier.

Dry whole milk production for February was 6,165,000 pounds, lowest for the month since 1942, down 16 percent from a year earlier and 36 percent from the 1948-52 average for the month. Cumulative production for January and February equalled 12,525,000 pounds, a decline of 16 percent from the same period in 1953. Spray-dried whole milk production, at 5,870,000 pounds, represented a decline of 12 percent from February last year and 30 percent from the 5-year February average. Roller-dried whole milk production totaled 295,000 pounds, a decline of 53 percent from a year earlier and 76 percent from the 5-year February average.

Production of dry skim milk for animal feed during February, at 1,800,000 pounds, was the highest for the month since 1942, a gain of 22 percent from a year earlier and 53 percent from the 1948-52 February average. Combined output for January and February totaled 3,825,000 pounds, a gain of 38 percent from the same period a year earlier. Dry buttermilk production for February equalled 4,350,000 pounds, highest for the month since 1943, up 15 percent from a year earlier and 30 percent from the 5-year February average. Totalling 8,525,000 pounds for January and February, production was 8 percent above that of the same months in 1953.

Manufacturers' stocks of total nonfat dry milk solids totaled 88,377,000 pounds at the end of February, a decline of 32 percent from a year earlier, but a gain of 152 percent from the 5-year average for the date. Spray-dried nonfat milk solids stocks, at 74,553,000 pounds, were 27 percent less than a year earlier, but 194 percent higher than the 5-year average. Present stocks are higher than those of any other year for the date except 1953. Holdings of roller-dried nonfat milk solids at the end of February totaled 13,824,000 pounds, a decline of 49 percent from a year earlier, but a gain of 42 percent from the 5-year average.

Holdings of dry whole milk by manufacturers on February 28 equalled 8,510,000 pounds, a decline of 33 percent from a year earlier and 31 percent from the 5-year

(Continued on page 3)

MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING FEBRUARY 1954  
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			17,677	6½ - 7	78,100
5 - 5½			3,290	7 - 7½	85,450
6 - 6½			16,359	7½ - 8	300,350
7 - 7½			31,195	8 - 8½	318,273
8 - 8½			54,078	8½ - 9	31,300
9 - 9½			51,700	9 - 9½	52,005
10 - 10½			81,361	9½ - 10	70,100
10½ - 11			50,828	10 - 10½	94,840
11 - 11½		37,085	275,756	10½ - 11	118,400
11½ - 12		160,620	106,417	11 - 11½	65,000
12 - 12½		-	22,103	11½ - 12	20,500
12½ - 13	49,347	1,101,805	40,927	12 - 12½	537,500
13 - 13½	168,230	1,242,515	143,350	12½ - 13	85,706
13½ - 14	286,150	2,291,283	-	13 - 13½	7,900
14 - 14½	1,973,700	3,958,293	21,758	13½ - 14	30,400
14½ - 15	4,799,912	2,472,117	-	14 - 14½	21,300
15 - 15½	16,395,198	1,329,068	-	14½ - 15	568,540
15½ - 16	37,802,877	489,910	1,705	15 - 15½	113,133
16 - 16½	5,810,939	5,000	-	15½ - 16	56,650
16½ - 17	1,146,635	-	-	16 - 16½	65,430
17 - 17½	1,020,438	-	-	16½ - 17	43,550
				17 - 17½	11,000
				17½ - 18	6,100
				18 - 18½	
				18½ - 19	
TOTAL	69,453,426	13,087,696	918,504		1,751,109
TOTAL HUMAN	82,541,122				1,056,818
GRAND TOTAL		83,459,626			2,807,927

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING FEBRUARY 1954 3/ (F.O.B. Plant)

Price 1/	1-2½ lb. packages	5 lb. packages	All other pkgs. including bbls. & drums	Total reported shipments
Cents	Pounds			
28½ - 29½			205,200	205,200
29½ - 30½			156,950	156,950
30½ - 31½			59,994	59,994
31½ - 32½			1,300	1,300
32½ - 33½			58,320	58,320
33½ - 34½		18,950	230,852	249,802
34½ - 35½	22,345	-	75,670	98,015
35½ - 36½	-	881,210	-	881,210
36½ - 37½	465,000	-	18,850	483,850
37½ - 38½	-	-	185,722	185,722
38½ - 39½	-	-	210,491	210,491
39½ - 40½	52,811	12,225	-	65,036
40½ - 41½	-	6,389	-	6,389
41½ - 42½	-	1,222,545	-	1,222,545
42½ - 43½	-	-	137,284	137,284
44½ - 45½	4,338	-	-	4,338
46½ - 47½	-	4,355	-	4,355
47½ - 48½	-	136,685	-	136,685
48½ - 49½	134,874	-	-	134,874
49½ - 50½	1,213,432	-	-	1,213,432
50½ - 51½	5,164	-	-	5,164
TOTAL	1,897,664	2,282,359	1,340,633	5,520,246

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

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK SOLIDS - FEBRUARY 1954

	Nonfat Dry Milk Solids			Dry N. F. Skim Solids		Dry Buttermilk			Dry Whole Milk			Total shipments
	Spray	Roller	Spray & Roller	An. & Dry Feed	Skim	Human Food	Animal Feed	Human and Animal	1-2 1/2 lb. pkgs.	5-lb. pkgs.	incl. bbls. & drums	
	C e n t s p e r p o u n d											
Feb. 1954	15.49	13.07	15.11	10.02	15.05	13.04	8.24	11.24	46.95	40.12	35.01	41.02
Jan. 1954	15.58	13.29	15.22	10.14	15.17	14.03	7.96	11.17	48.75	43.11	35.27	43.24
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
Feb. 1948-52	13.73	12.46	13.43	9.96	13.36	13.03	9.90	11.48	49.37	43.45	37.98	42.66

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

MANUFACTURERS' AVERAGE CARLOT SELLING PRICES OF EVAPORATED WHOLE MILK IN CASES OF 48 14 1/2-OZ. CANS, BY GEOGRAPHIC DIVISIONS, FEBRUARY 1954 WITH COMPARISONS 1/

Geographic Division	February 1953	January 1954	February 1954
	D o l l a r s		
New England	6.20	5.73	5.68
Middle Atlantic	6.17	5.71	5.68
South Atlantic	6.21	5.76	5.73
East North Central	6.10	2/5.65	5.63
West North Central	6.20	5.73	5.72
South Central	6.26	5.82	5.82
North Western	6.34	5.93	5.93
South Western	6.37	5.90	5.90
United States	6.21	5.76	5.73

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.

2/ Corrected from \$5.66 shown last month.

Prices paid for entire month of February at 15 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order

Chicago \$3.073

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 January 26, 1954 through February 25, 1954 averaged for:

Spray 15.46 cents per pound  
Roller 13.10 cents per pound

(Continued from page 1)

average. Spray-dried whole milk stocks totaled 8,465,000 pounds, also 33 percent less than a year earlier and 31 percent less than the 5-year average. Roller-dried whole milk stocks were 45,000 pounds at the end of February, a decline of 34 percent from a year earlier and 73 percent from the 5-year average for the date.

Manufacturers' stocks of dry skim milk for animal feed on February 28 totaled 1,347,000 pounds, down 9 percent from a year earlier, but up 39 percent from the 1948-52 February 28 average. Dry buttermilk stocks, at 9,085,000 pounds, were the third highest of record for the date, down 24 percent from a year earlier, but up 66 percent from the 5-year average.

The United States Department of Agriculture purchased for price support purposes 55,342,000 pounds of nonfat dry milk solids during February and 72,444,000

(Continued on page 4)

AVERAGE PRICES PAID BY CONDENSERIES FOR MILK  
FOR EVAPORATED MILK DURING FEBRUARY 1954 <sup>1/</sup> WITH COMPARISONS

State and Division	February 1953			January 1954			February 1954		
	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	Pot.	Dollars	Dollars	Pot.	Dollars	Dollars	Pot.	Dollars
Pa.	-	-	-	3.44	3.82	.90	3.31	3.74	.89
M. Atl. <sup>2/</sup>	3.65	3.87	.94	3.43	3.81	.90	3.31	3.74	.89
Va.	3.96	4.53	.87	3.70	4.74	.78	3.40	4.46	.76
S. Atl. <sup>2/</sup>	3.96	4.50	.88	3.74	4.70	.80	3.44	4.45	.77
Ohio	3.72	4.18	.89	3.61	4.28	.84	3.36	4.13	.81
Ind.	3.95	4.31	.92	3.84	4.42	.87	3.57	4.27	.84
Ill.	3.57	3.78	.94	3.31	3.83	.86	3.10	3.73	.83
Mich.	3.84	3.94	.92	3.47	3.97	.87	3.25	3.89	.84
Wis.	3.68	3.72	.99	3.52	3.76	.94	3.35	3.68	.91
E. N. C.	3.69	3.90	.95	3.54	3.97	.89	3.33	3.86	.86
Iowa	3.42	3.69	.93	3.35	3.79	.89	3.14	3.73	.84
Mo.	3.99	4.47	.89	3.88	4.67	.83	3.55	4.40	.81
Kans.	3.78	4.16	.91	3.64	4.33	.84	3.37	4.13	.82
W. N. C. <sup>2/</sup>	3.71	4.08	.91	3.65	4.26	.86	3.37	4.09	.82
Ky.	3.85	4.51	.85	3.85	4.78	.81	3.36	4.45	.75
Tenn.	3.97	4.59	.87	3.81	4.81	.79	3.40	4.50	.76
Ala.	4.09	4.69	.87	3.76	4.85	.77	3.38	4.52	.75
Miss.	3.87	4.47	.87	3.69	4.79	.77	3.31	4.40	.75
S. Cen. <sup>2/</sup>	3.92	4.53	.86	3.82	4.79	.80	3.39	4.46	.76
Idaho	4.28	4.16	1.02	3.91	4.20	.93	3.68	4.09	.90
Wash.	4.16	3.99	1.04	4.20	4.46	.94	3.89	4.26	.91
Oregon	4.60	4.57	1.01	4.14	4.81	.86	3.99	4.69	.85
N. W.	4.25	4.14	1.03	4.03	4.34	.93	3.77	4.19	.90
Utah	3.61	3.55	1.02	3.14	3.63	.87	2.97	3.59	.83
Calif.	4.68	4.04	1.16	3.86	4.09	.94	3.71	4.03	.92
S. W. <sup>2/</sup>	4.46	3.96	1.13	3.71	4.01	.93	3.57	3.96	.90
U. S. <sup>2/</sup>	3.87	4.05	.95	3.65	4.18	.87	3.41	4.04	.84

<sup>1/</sup> Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.o.b. plant.  
<sup>2/</sup> Includes prices for some States not shown separately.

MILK PURCHASED BY CONDENSERIES, FEBRUARY 1954, WITH COMPARISONS <sup>1/</sup>

	Unit	Average 1948-52	1953	1954
Purchases, reported total	Pounds	401,875,000	435,786,000	449,985,000
Producers	Number	139,000	141,000	134,000
Average daily purchases per producer	Pounds	102.1	110.4	119.9
Change in purchases per producer 1954 from 1953	Percent	XXXX	XXXX	+8.6
1954 from 5-year average	Percent	XXXX	XXXX	+17.4

<sup>1/</sup> 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.

(Continued from page 3)

pounds between March 1 and March 24. Purchases from April 1, 1953 to March 24, 1954 totaled 609,101,000 pounds, with all purchases being made under the price support program. On March 24, 1954 the United States Department of Agriculture held approximately 539,244,000 pounds of uncommitted supplies of nonfat dry milk solids.

Sales of total nonfat dry milk solids during February, as shown by reporting manufacturers, equalled 82,541,000 pounds, highest of record for the month, unchanged

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK

COMMODITY	Feb. 1953 1/	Feb. 1954 1/	Change in Feb. 1954 from		Cumulative total	
	Thousand pounds		1948-52 average	1953	Jan.-Feb. 1954	Change from Jan.-Feb. 1953
			Percent		Thous. lb.	Percent
<b>Evaporated and Condensed Milk</b>						
Evaporated whole (case goods)	158,400	156,900	-12	-1	320,500	-2
Condensed whole (case goods)	4,250	1,875	-74	-56	4,225	-54
<b>Dry Milk</b>						
<b>Dry Whole</b>						
Spray process	6,700	5,870	-30	-12	11,630	-13
Roller process	625	295	-76	-53	895	-43
<b>Total</b>	<b>7,325</b>	<b>6,165</b>	<b>-36</b>	<b>-16</b>	<b>12,525</b>	<b>-16</b>
<b>Dry Nonfat Solids</b>						
Human food - Spray process	66,600	83,000	+120	+25	168,500	+29
Human food - Roller process	14,600	19,300	+35	+32	37,150	+33
<b>Total (human food)</b>	<b>81,200</b>	<b>102,300</b>	<b>+97</b>	<b>+26</b>	<b>205,650</b>	<b>+29</b>
Dry skim milk (animal feed)	1,475	1,800	+53	+22	3,825	+38
Dry buttermilk	3,775	4,350	+30	+15	8,525	+8

1/ Estimates. Subject to revision when enumerations are available for 1953.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK, FEBRUARY 28 1/

COMMODITY	Average 1948-52	1953 2/	1954	Change in 1954 from	
	Thousand pounds			1948-52	1953
				Percent	
<b>Evaporated and Condensed Milk</b>					
Evaporated whole (case goods)	107,578	262,904	127,681	+19	-51
Condensed whole (case goods)	7,965	10,154	4,784	-40	-53
<b>Dry Milk</b>					
<b>Dry Whole</b>					
Spray process	12,222	12,726	8,465	-31	-33
Roller process	168	68	45	-73	-34
<b>Total</b>	<b>12,390</b>	<b>12,794</b>	<b>8,510</b>	<b>-31</b>	<b>-33</b>
<b>Dry Nonfat Solids</b>					
Human food - Spray process	25,382	101,766	74,553	+194	-27
Human food - Roller process	9,707	27,291	13,824	+42	-49
<b>Total (human food)</b>	<b>35,089</b>	<b>129,057</b>	<b>88,377</b>	<b>+152</b>	<b>-32</b>
Dry skim milk (animal feed)	967	1,474	1,347	+39	-9
Dry buttermilk	5,476	12,017	9,085	+66	-24

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.

from the previous month, but up 8 percent from a year earlier. Dry whole milk sales during February totaled 5,521,000 pounds, lowest for the month since 1942. However, sales were up 5 percent from the previous month, but down 33 percent from a year earlier. Dry buttermilk sales totaled 2,808,000 pounds during February, highest for the month since 1945, a gain of 45 percent from the previous month and 37 percent from a year earlier.

Manufacturers' selling prices of total nonfat dry milk solids averaged 15.11 cents per pound during February compared with 15.22 cents in January, 15.96 cents for a year earlier and a 5-year average for the month of 13.43 cents. Spray-dried nonfat milk solids prices averaged 15.49 cents for February, only slightly lower than the preceding month, but nearly .9 cent down from a year earlier. Prices of roller-dried nonfat milk solids at 13.07 cents per pound during February were almost 1/2 cent lower than the preceding month and about 1 cent less than a year earlier.

Selling prices of dry skim milk for animal feed averaged 10.02 cents for February (Continued on page 6)

ary compared with 10.14 cents in January and 10.37 cents a year earlier. Combining human food and animal feed sales, dry buttermilk prices averaged 11.24 cents for February compared with 11.17 cents in the preceding month and 11.43 cents a year earlier.

Dry whole milk prices for all sizes of packages averaged 41.02 cents per pound for February, a decline of nearly  $2\frac{1}{4}$  cents from the preceding month and 3.2 cents from a year earlier. In 1- $2\frac{1}{2}$  lb. packages, prices averaged 46.35 cents for February, a decline of 2.4 cents from the preceding month and 3.2 cents from a year earlier. In 5-lb. packages, prices of dry whole milk averaged 40.12 cents per pound, a decline of 3 cents from the preceding month and nearly 5 cents from a year earlier. In miscellaneous large packages, mostly barrels and drums, prices averaged 35.01 cents for February, a decline of  $\frac{1}{4}$  cent from the preceding month and  $2\frac{1}{3}$  cents from a year earlier.

#### EVAPORATED AND CONDENSED MILK

Evaporated whole milk production during February is estimated at 156,900,000 pounds, lowest for the month since 1939, down 1 percent from a year earlier and 12 percent from the 1948-52 February average. Cumulative production for January and February totaled 320,500,000 pounds, a decline of 2 percent from the same months in 1953.

February output of canned condensed whole milk production, at 1,875,000 pounds, was the lowest for the month in 37 years of record, down 56 percent from a year earlier and 74 percent from the 5-year February average. The cumulative production for January and February was 4,225,000 pounds. This was 54 percent less than that of the same two months in 1953.

Stocks of evaporated milk held by manufacturers on February 28 were down sharply both from the preceding month and from a year ago. At 127,681,000 pounds stocks were 51 percent less than those of a year earlier but 19 percent higher than the 1948-52 February 28 average. Stocks of canned condensed whole milk at 4,784,000 pounds at the end of February were down 53 percent from a year earlier and 40 percent from the 5-year average.

Manufacturers' average selling price of evaporated milk in February at \$5.73 per case of 48  $1\frac{1}{2}$ -oz. cans was 3 cents less than in the preceding month and 48 cents less than a year earlier. Compared with January the February price was unchanged for the South Central, Northwestern, and Southwestern areas while in the remaining regions declines were as follows: West North Central, 1 cent, East North Central, 2 cents, Middle Atlantic and South Atlantic, 3 cents, and New England, 5 cents.

Condensery paying prices for February averaged \$3.41 per hundredweight for milk testing 4.04 percent butterfat or an average price of 84 cents per pound of butterfat. This price per pound of butterfat represents a decline of 3 cents from the preceding month and 11 cents from a year earlier. By States, prices per pound of butterfat ranged from 75 cents in Kentucky, Alabama, and Mississippi to a high of 92 cents in California.

Purchases of milk by reporting condenseries from approximately 134,000 producers in February totaled 449,985,000 pounds. Average daily purchases per producer for February were 119.9 pounds, a gain of 9 percent from a year earlier and 17 percent from the 5-year February average.