

September 30, 1953

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

DRY MILK

Production of total nonfat dry milk solids during August continued at the highest level of record for the month in 19 years, according to the Bureau of Agricultural Economics. Manufacturers' stocks at the end of the month, however, were the lowest for the date since 1950.

August production of total nonfat dry milk solids was 91,900,000 pounds, a gain of 28 percent from a year earlier and 47 percent from the 5-year average for the month. Cumulative production data for the first 7 months of the year are being omitted this month because the preliminary enumeration of dairy products for 1952 was available too late for revision of estimates for January through July 1953 to be completed. Spray-dried nonfat milk output during August was 75,400,000 pounds, highest for the month in 11 years of record, a gain of 33 percent from a year earlier and 71 percent from the 5-year average. Roller-dried nonfat milk solids totaled 16,500,000 pounds, highest for the month since 1949, a gain of 8 percent from a year earlier, but a decline of 11 percent from the 1947-51 August average.

Dry whole milk production during August was 10,175,000 pounds. This production is up 2 percent and higher than a year earlier for the second successive month. Compared with the 5-year average for the month it was 21 percent lower. Spray-dried whole milk production was 9,250,000 pounds, highest for the month since 1950, 3 percent higher than a year earlier, but 20 percent less than the 1947-51 August average. Roller-dried whole milk at 925,000 pounds was 3 percent less than a year earlier and 32 percent less than the 5-year August average.

Production of dry skim milk for animal feed for August was 2,345,000 pounds, highest for the month since 1947, up 4 percent from a year earlier and 49 percent from the August 5-year average. August production of dry buttermilk was 3,590,000 pounds, lowest for the month since 1948, down 9 percent from a year earlier and 4 percent from the 5-year average.

Manufacturers' stocks of dry whole milk continued to be sharply lower than a year earlier. On August 31, stocks totaled 14,165,000 pounds, a decline of 41 percent from a year earlier and 75 percent from the 1947-51 average for the date. Stocks of spray-dried whole milk totaled 13,911,000 pounds, which was 42 percent less than a year earlier and 35 percent less than the 5-year average. Roller-dried whole milk stocks were 254,000 pounds, a gain of 72 percent from a year earlier, but a decline of 14 percent from the August 31 5-year average.

Stocks of total nonfat dry milk solids held by manufacturers at the end of August totaled 116,264,000 pounds, lowest for the date since 1950, down 31 percent from a year earlier, but a gain of 28 percent from the 5-year average for the date. Spray-dried nonfat milk solids stocks were 81,572,000 pounds, a decline of 36 percent from a year earlier, but a gain of 30 percent from the 5-year average. Roller-dried nonfat milk solids stocks were 34,692,000 pounds a decline of 11 percent from a year earlier, but a gain of 23 percent from the 1947-51 average for the date.

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MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING AUGUST 1953  
Reported shipments (F.C.B. Plant)

NONFAT DRY MILK SOLIDS (Bulk goods)			DRY SKIM	DRY BUTTERMILK (Bulk goods)		
Price 1/	Spray <sup>2/</sup> process	Roller process	Animal feed	Price 1/	Human food	Animal feed
Cents	Pounds			Cents	Pounds	
4 - 4½			1,673	4½ - 5	-	4,900
5 - 5½			834	5 - 5½	-	483,155
5½ - 6			2,436	5½ - 6	26,400	53,000
6 - 6½			43,934	6 - 6½	-	188,070
6½ - 7			284,341	6½ - 7	-	236,215
7 - 7½			86,921	7 - 7½	-	83,306
7½ - 8			250,626	7½ - 8	-	78,000
8 - 8½		1,400	259,419	8 - 8½	-	42,997
8½ - 9		61,050	119,015	8½ - 9	78,900	62,560
9 - 9½		166,415	9,340	9½ - 10	5,750	178,250
9½ - 10		-	5,003	10 - 10½	-	84,624
10 - 10½		27,443	130,175	10½ - 11	374,100	-
10½ - 11		1,411,813	1,500	11½ - 12	26,900	-
11 - 11½		1,668,752	22,379	12 - 12½	79,654	-
11½ - 12		4,346,107	-	14 - 14½	160,000	-
12 - 12½		4,458,269	17,614	14½ - 15	644,010	-
12½ - 13		1,075,490	4,293	15 - 15½	67,475	-
13 - 13½	569,943	3,338,424	4,456	15½ - 16	2,350	-
13½ - 14	1,668,520	3,441,748	-	18 - 18½	23,475	-
14 - 14½	3,746,574	1,776,628	-			
14½ - 15	6,832,695	450,765	-			
15 - 15½	30,634,961	3,000	-			
15½ - 16	17,358,913	13,000	-			
16 - 16½	9,567,917	-	-			
16½ - 17	81,437	-	-			
17 - 17½	1,033,965	-	-			
<b>TOTAL</b>	<b>71,494,925</b>	<b>22,240,304</b>	<b>1,243,959</b>		<b>1,489,014</b>	<b>1,495,077</b>
<b>TOTAL HUMAN</b>	<b>93,735,229</b>					
<b>GRAND TOTAL</b>		<b>94,979,188</b>			<b>2,984,091</b>	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING AUGUST 1953 <sup>2/</sup> (F.O.B. Plant)

Price 1/	1-2½ lb. packages	5 lb packages	All other pkgs. including bbls. & drums	Total reported shipments
Cents	Pounds			
26½ - 27½			27,920	27,920
29 - 30			622,400	622,400
30½ - 31½			283,360	283,360
31½ - 32½			92,820	92,820
32½ - 33½			656,800	656,800
33½ - 34½		502,915	122,179	625,094
34½ - 35½	4,946	-	23,000	27,946
35½ - 36½	572,137	-	3,953	576,090
36½ - 37½	-	-	203,421	203,421
37½ - 38½	-	723,680	1,075	724,755
38½ - 39½	-	23,617	403,990	427,607
39½ - 40½	-	9,000	-	9,000
40½ - 41½	-	1,681,240	-	1,681,240
41½ - 42½	24,957	-	-	24,957
42½ - 43½	559,311	31,154	-	590,465
43½ - 45½	36,331	-	-	36,331
45½ - 46½	2,531,886	-	-	2,531,886
47 - 48	-	91,050	-	91,050
49 - 50	-	-	33,697	33,697
<b>TOTAL</b>	<b>3,729,568</b>	<b>3,062,656</b>	<b>2,474,615</b>	<b>9,266,839</b>

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

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

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

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK SOLIDS - AUGUST 1953

	Nonfat Dry Milk Solids			Dry Skim Solids An. & Dry Feed	N. F. 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 incl. bbls. & drums	
	--- Cents per pound ---											
Aug. 1953	1/15.33	12.45	14.64	7.99	14.56	12.95	6.73	9.83	43.75	39.36	33.43	39.54
July 1953	1/15.29	12.50	14.62	7.35	14.51	12.75	6.92	10.73	45.87	39.23	34.41	40.02
Aug. 1952	16.82	15.50	16.54	12.50	16.48	15.04	11.29	13.27	47.73	45.52	38.87	44.27
Aug. 1947-1951	13.21	11.70	12.74	9.14	12.63	12.09	8.97	10.33	49.13	43.46	36.96	42.15

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, August 1953 WITH COMPARISONS 1/

Geographic Division	August 1952	July 1953	August 1953
	D o l l a r s		
New England	5.38	5.73	5.79
Middle Atlantic	6.38	5.71	5.76
South Atlantic	6.41	5.74	5.79
East North Central	6.29	5.66	5.72
West North Central	6.38	5.74	5.79
South Central	6.41	5.81	5.86
North Western	6.47	5.97	6.00
South Western	6.45	5.96	5.99
United States	6.38	5.76	5.81

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

Chicago \$3.149

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 July 26, 1953 through August 25, 1953 averaged for:

Spray 15.39 cents per pound  
Roller 12.53 cents per pound

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Stocks of dry skim milk for animal feed were 2,453,000 pounds at the end of August, a decline of 7 percent from a year earlier, and 8 percent from the 5-year average. Stocks of dry buttermilk were 15,008,000 pounds, the highest in 24 years of record. These stocks are 10 percent higher than a year earlier and more than double those of the 5-year average.

United States Department of Agriculture purchased 351,145,000 pounds of nonfat dry milk solids for the period from April 1 through September 25, 1953. Purchases during the month of August totaled 47,262,000 pounds. Purchases in September through the 25th of the month were 31,590,000 pounds. All of these purchases were made for purposes of price support.

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Page 4 AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED  
 PRIMARILY FOR EVAPORATED MILK DURING AUGUST 1953 1/ WITH COMPARISONS

State and Division	August 1952			July 1953			August 1953		
	Price paid per 100 lbs. milk Dollars	Butter-fat test Pot.	Price per lb. of butter-fat Dollars	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars	Price paid per 100 lbs. milk Dollars	Butter-fat test Pot.	Price per lb. of butter-fat Dollars
N. Y.	4.05	3.73	1.08	3.05	3.71	.82	3.11	3.80	.82
M. Atl. 2/	4.07	3.80	1.07	3.19	3.72	.86	3.24	3.83	.85
Va.	4.35	4.41	.99	3.36	4.28	.79	3.42	4.37	.78
S. Atl. 2/	4.32	4.37	.99	3.36	4.21	.80	3.41	4.29	.80
Ohio	4.05	3.90	1.04	3.18	3.84	.83	3.26	3.87	.84
Ind.	4.21	3.96	1.06	3.37	3.88	.87	3.51	3.93	.89
Ill.	3.95	3.67	1.08	3.09	3.60	.86	3.13	3.65	.86
Mich.	4.06	3.86	1.05	3.20	3.78	.85	3.27	3.82	.86
Wis.	4.10	3.76	1.09	3.39	3.67	.92	3.43	3.71	.93
E. N. C.	4.08	3.82	1.07	3.28	3.74	.88	3.35	3.79	.88
Iowa	3.79	3.67	1.03	3.17	3.62	.87	3.21	3.67	.87
Mo.	4.43	4.29	1.03	3.44	4.16	.83	3.47	4.20	.83
Kans.	4.10	3.92	1.04	3.28	3.91	.84	3.28	3.90	.84
W. N. C. 2/	4.25	4.10	1.04	3.35	3.97	.84	3.39	4.02	.84
Ky.	4.26	4.38	.97	3.29	4.31	.76	3.33	4.36	.76
Tenn.	4.30	4.38	.98	3.38	4.32	.78	3.43	4.40	.78
Ala.	4.36	4.37	1.00	3.39	4.33	.78	3.39	4.34	.78
Miss.	4.18	4.32	.97	3.32	4.26	.78	3.40	4.38	.77
S. Cen. 2/	4.29	4.37	.98	3.35	4.31	.78	3.40	4.38	.78
Idaho	4.26	3.87	1.10	3.44	3.79	.91	3.51	3.89	.90
Wash.	4.51	4.19	1.08	3.70	4.02	.92	3.90	4.22	.92
Oregon	4.63	4.57	1.01	3.81	4.38	.87	3.84	4.41	.87
N. W.	4.38	4.05	1.08	3.56	3.92	.91	3.67	4.04	.91
Colo.	4.08	3.71	1.10	2.99	3.62	.83	3.02	3.66	.83
Utah	3.82	3.38	1.13	2.88	3.36	.86	2.89	3.43	.84
Calif.	4.58	3.90	1.18	3.62	3.77	.96	3.72	3.85	.97
S. W. 2/	4.46	3.82	1.17	3.49	3.71	.94	3.59	3.79	.95
U. S. 2/	4.21	4.00	1.05	3.34	3.92	.85	3.41	3.99	.85

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, AUGUST 1953, WITH COMPARISONS 1/

	Unit	Average 1947-51	1952	1953
Purchases, reported total	Pounds	617,345,000	614,390,000	640,329,000
Producers	Number	160,000	156,000	156,000
Average daily purchases per producer	Pounds	124.1	127.0	132.4
Change in purchases per producer 1953 from 1952	Percent	xxxxx	xxxxx	+4.3
1953 from 5-year average	Percent	xxxxx	xxxxx	+6.7

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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Manufacturers' sales of total nonfat dry milk solids were 93,735,000 pounds for August, a decline of 22 percent from the preceding month, but a gain of 54 percent from a year earlier. Dry whole milk sales by reporting manufacturers for August totaled 9,267,000 pounds, a decline of 1 percent from the preceding month, but a gain of 39 percent from a year ago. Dry buttermilk sales totaled 2,984,000 pounds, a gain of 6 percent from the preceding month and 32 percent from a year ago.

Manufacturers' selling prices of total nonfat dry milk solids during August averaged 14.64 cents per pound which is practically unchanged from the preceding

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK

COMMODITY	Aug. 1952 1/	Aug. 1953 2/	Change in Aug. 1953 from		Cumulative total	
			1947-51 average	1952	Jan.-Aug. 1953	Change from Jan.-Aug. 1952
	Thousand pounds		Percent			
Evaporated and Condensed Milk						
Evaporated whole (case goods)	276,933	228,500	-20	-17		
Condensed whole (case goods)	3,614	2,390	-76	-34		
<u>Dry Milk</u>						
Dry Whole						
Spray process	9,017	9,250	-20	+ 3		
Roller process	950	925	-32	+ 3		
<u>Total</u>	9,967	10,175	-21	+ 2		
Dry nonfat solids						
Human food - Spray process	56,542	75,400	+71	+33		
Human food - Roller process	15,317	16,500	-11	+ 8		
<u>Total (human food)</u>	71,859	91,900	+47	+28		
Dry skim milk (animal feed)	2,248	2,345	+49	+ 4		
Dry buttermilk	3,955	3,590	- 4	- 9		

Cumulative totals and percent changes omitted because the Preliminary Enumeration of Manufactured Dairy Products for 1952 was available too late for use in the revision of estimates for January through July 1953.

1/ Preliminary enumerations. 2/ Estimates.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK, AUGUST 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)	471,710	480,266	524,007	+ 11	+ 9
Condensed whole (case goods)	9,516	7,482	6,065	- 36	-19
<u>Dry Milk</u>					
Dry Whole					
Spray process	21,337	23,815	13,911	- 35	-42
Roller process	294	148	254	- 14	+72
<u>Total</u>	21,631	23,963	14,165	- 35	-41
Dry nonfat solids					
Human food - Spray process	62,594	128,273	81,572	+ 30	-36
Human food - Roller process	28,131	39,155	34,692	+ 23	-11
<u>Total (human food)</u>	90,725	167,428	116,264	+ 28	-31
Dry skim milk (animal feed)	2,577	2,639	2,453	- 8	- 7
Dry buttermilk	7,189	13,645	15,008	+109	+10

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.

month but 1.9 cents lower than a year earlier. It is, however, 1.9 cents higher than the 5-year average for the month. Prices of spray-dried nonfat milk solids averaged 15.23 cents for August which is almost unchanged from the preceding month, 1½ cents lower than a year earlier and 2.1 cents higher than the 5-year average for the month. Prices of roller-dried nonfat milk solids averaged 12.45 cents in August, practically unchanged from July, down 3 cents from a year earlier but up three-fourths of a cent from the 5-year average for the month.

Manufacturers' selling prices of dry skim milk for animal feed averaged 7.99 cents, a gain of two-thirds cent from July but a decline of 4½ cents from a year earlier. Combining both human food and animal feed, dry buttermilk prices for August averaged 9.83 cents compared with 10.73 cents in July, 13.27 cents a year earlier and 10.33 cents for the 5-year average for August.

Selling prices of dry whole milk in all sizes of packages during August averaged 39.54 cents per pound. This is approximately ½ cent below July, 4 3/4 cents below a year earlier and 2 2/3 cents less than the 5-year average. Prices

in 1-2 $\frac{1}{2}$  pound packages averaged 43.75 cents for August compared with 45.87 cents in July, 47.73 cents a year earlier and 49.13 cents for the August 5-year average. In 5 pound packages, prices averaged 39.36 cents in August, almost unchanged from the preceding month but more than 6 cents less than a year earlier and 4 cents less than the 5-year average for the month. In miscellaneous large packages, mostly barrels and drums, prices averaged 33.43 cents for August compared with 34.41 cents for July, 38.87 cents a year ago and 36.96 cents for the August 5-year average.

#### EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for August was the lowest for the month since 1939, the Bureau of Agricultural Economics reported. While manufacturers' stocks of evaporated milk were below those of August 31, 1951, they were higher than the stocks for the same date in any of the other 35 years of record.

August output of evaporated whole milk was 228,500,000 pounds, a decline of 17 percent from a year earlier and 20 percent from the August 1947-51 average. Cumulative data for the first seven months of 1953 on all evaporated and condensed milk products will be omitted from this report since sufficient time was not available after the release of the preliminary enumerations of manufactured dairy products to permit the revisions of the estimates.

Production of canned condensed whole milk for August was 2,390,000 pounds, the lowest on record for the month, down 34 percent from a year earlier and 76 percent from the August 5-year average.

Manufacturers' stocks of evaporated whole milk on August 31 totaled 524,007,000 pounds which is the highest for the date except for 1951 when 543,438,000 pounds were on hand. The present stocks at the end of August were up 9 percent from a year earlier and up 11 percent from the August 31 5-year average.

Holdings of canned condensed whole milk by manufacturers at the end of August were 6,056,000 pounds, a decrease of 19 percent from the preceding year and 36 percent from the 1947-51 average for the date.

During August, manufacturers' selling prices of evaporated whole milk averaged \$5.81 per case of 48 1 $\frac{1}{2}$ -oz. cans. This is the lowest for the month since 1950. It is 5 cents higher than the price in July but 57 cents less than in August 1952. By geographic regions, gains in prices from the preceding month ranged from 3 cents in the Northwestern and Southwestern areas to as high as 6 cents in the New England and East North Central areas.

Condenseries paid producers an average of \$3.41 per hundredweight for milk testing 3.99 percent butterfat during August or an average of 85 cents per pound of butterfat. This price per pound of butterfat in milk for August was unchanged from July and was 20 cents less than that paid a year earlier. Prices paid for butterfat in milk by states during August ranged from 76 cents in Kentucky to as high as 97 cents in California.

Purchases of milk by reporting condenseries totaled 640,329,000 pounds during August and were made from approximately 156,000 producers. Average daily purchases per producer during August were 132.4 pounds, a gain of 4 percent from a year earlier and 7 percent from the 5-year average for August.

The 1952 enumerated data on all manufactured dairy products are now available. Copies of the enumeration release may be had by writing this office.