

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

September 30, 1955

EVAPORATED, CONDENSED, AND DRY MILK REPORT  
FOR AUGUST 1955

DRY MILK,

August production of total nonfat dry milk solids was higher than that of a year earlier for the first time in 9 months, the Agricultural Marketing Service reports. Dry whole milk production was the lowest for the month since 1942, and dry buttermilk production was the highest for the month since 1944.

Total nonfat dry milk solids production during August was 94,700,000 pounds, highest for the month in 21 years of record, up 1 percent from a year earlier, and 26 percent from the 5-year average for August. Cumulative production data for the first 7 months of this year are being omitted because the preliminary enumeration of dairy products for 1954 was available too late to complete the revision of estimates for January through July 1955. These figures will appear in the September release. Production of spray-dried nonfat milk solids for August was 82,500,000 pounds, highest for the month in 13 years of record, a gain of 1 percent from a year earlier and 43 percent from the August 1949-53 average. Roller-dried nonfat milk solids production for August was 12,200,000 pounds, a gain of 2 percent from a year earlier, but a decline of 30 percent from the 5-year average for the month. Dry whole milk output during August was 7,325,000 pounds, lowest for the month since 1942, a decline of 2 percent from the preceding year, and 29 percent from the 5-year average for the month. Spray-dried whole milk production was 6,425,000 pounds, a decline of 5 percent from a year earlier and 30 percent from the average. August roller-dried whole milk production was 900,000 pounds, a gain of 24 percent from a year ago, but a decline of 22 percent from the August 1949-53 average.

Production of dry skim milk for animal feed totaled 1,260,000 pounds for August, lowest for the month since 1948, down 5 percent from a year earlier, and 19 percent from the 5-year average for the month. Output of dry buttermilk was 4,200,000 pounds, highest for the month since 1944, a gain of 6 percent from the year preceding, and 4 percent from the average for the month.

Manufacturers' stocks of total nonfat dry milk solids were 117,246,000 pounds on August 31, highest for the date since 1952, a gain of 64 percent from a year earlier, and 4 percent from the 5-year average for the date. Stocks of spray-dried nonfat dry milk solids were 89,295,000 pounds, also highest for the date since 1952, a gain of 55 percent from the same date in 1954, and 7 percent from the average. Roller-dried nonfat milk stocks were 27,951,000 pounds, more than double those of a year earlier, but 5 percent less than the average for August 31.

Holdings of total dry whole milk by manufacturers on August 31 were 11,875,000 pounds, a gain of 10 percent from a year earlier, but a decline of 38 percent from the 1949-53 average for the date. Holdings of spray-dried

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**MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING AUGUST 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			1,365	5 - 5½		2,647
5 - 5½			2,290	6 - 6½		30,290
6 - 6½			6,440	7 - 7½		116,100
6½ - 7			7,446	8 - 8½		21,750
8 - 8½			41,554	9 - 9½		110,835
8½ - 9			6,721	10 - 10½		237,142
9 - 9½			54,737	10½ - 11	11,050	62,875
9½ - 10			32,400	11 - 11½	-	107,550
10 - 10½			205,988	11½ - 12	-	34,975
10½ - 11			63,575	12 - 12½	27,500	-
11 - 11½			119,665	12½ - 13	273,100	2,600
11½ - 12		1,900	48,235	13 - 13½	1,191,580	
12 - 12½		55,815	28,882	13½ - 14	66,000	
12½ - 13		53,060	13,900	14 - 14½	328,670	
13 - 13½	541,615	1,439,840	3,670	14½ - 15	123,000	
13½ - 14	112,510	2,526,827		15 - 15½	50,375	
14 - 14½	213,000	4,303,556		15½ - 16	141,610	
14½ - 15	3,811,052	2,416,253		16 - 16½	33,200	
15 - 15½	26,888,703	201,816		16½ - 17	2,568	
15½ - 16	27,976,067	81,500				
16 - 16½	5,737,407	47,270				
16½ - 17	3,034,976					
17 - 17½	3,468,542					
Total	71,783,872	11,127,837	636,868		2,248,653	726,764
Total human	82,911,709					
Grand total		83,548,577			2,975,417	

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

Price 1/	1-2½ lb. packages	5-lb. packages	All other packages, including bbls. & drums	Total reported shipments
Cents	-- Pounds --			
29½ - 30½			305,550	305,550
30½ - 31½			584,473	584,473
31½ - 32½	44,139	61,440	68,023	173,602
32½ - 33½	-	-	238,500	238,500
33½ - 34½	-	169,230	149,782	319,012
34½ - 35½	-	-	75,250	75,250
35½ - 36½	568,800	205,165	196,577	970,542
36½ - 37½	-	-	500,730	500,730
37½ - 38½	89,010	116,160	-	205,170
39½ - 40½	26,328	1,328,335	-	1,354,663
40½ - 41½	64,281	12,390	30,905	107,576
41½ - 42½	306,432	43,200		349,632
42½ - 43½	2,323,729	-		2,323,729
43½ - 44½	-	40,810		40,810
44½ - 45½	139,349			139,349
45½ - 46½				
46½ - 47½				
47½ - 48½				
48½ - 49½				
49½ - 50½				
Total	3,562,068	1,976,730	2,149,790	7,688,588

- 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, AUGUST 1955

	Nonfat dry milk solids			Dry skim an. feed	N. F. solids & dry skim	Dry buttermilk			Dry whole milk			
	Spray	Roller	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. 1/	Total ship-ments
	-- Cents per pound --											
Aug. 1955	2/15.57	14.17	15.38	10.26	15.34	14.49	9.41	13.25	43.09	38.64	33.36	39.23
July 1955	2/15.55	13.79	15.26	10.70	15.23	14.18	9.33	12.94	43.52	38.42	32.23	38.89
Aug. 1954	15.40	13.49	15.09	9.23	15.03	13.72	8.45	11.49	42.95	38.12	33.79	39.08
Aug. 49-53	14.33	12.56	13.88	9.55	13.82	12.55	8.84	10.51	46.57	42.33	34.53	40.88

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, AUGUST 1955, WITH COMPARISONS 1/

Geographic division	August 1954	July 1955	August 1955
	-- Dollars --		
New England	5.52	5.56	5.56
Middle Atlantic	5.52	5.54	5.53
South Atlantic	5.54	5.57	5.56
East North Central	5.44	5.49	5.49
West North Central	5.54	5.55	5.55
South Central	5.62	5.62	5.63
North Western	5.69	5.69	5.69
South Western	5.66	5.66	5.66
United States	5.54	5.57	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.

Price paid for entire month of August at 13 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order:

Price per cwt.  
Chicago - \$2.979

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, 1955 through August 25, 1955, averaged for:

Cents per pound  
Spray - 15.38  
Roller - 13.74

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whole milk were 11,768,000 pounds, a gain of 10 percent from a year earlier, and a decline of 38 percent from the 5-year average. Stocks of roller-dried whole milk were 107,000 pounds, a gain of 15 percent from a year earlier, and a decline of about 58 percent from the average.

Stocks of dry skim milk for animal feed on August 31 were 1,548,000 pounds, lowest for the date since 1950, down 1 percent from a year earlier and 46 percent from the 5-year average for the date. Dry buttermilk stocks were 4,799,000 pounds, lowest for the date since 1946, down 2 percent from a year earlier and 53 percent from the 5-year average.

Sales of total nonfat dry milk solids for August, as shown by reporting manufacturers, totaled 82,912,000 pounds, lowest for the month since 1952, down 13 percent from the preceding month, and down 8 percent from a year earlier. Sales of dry whole milk were 7,689,000 pounds for August, a gain of 38 percent from the previous month, but a decline of 6 percent from a year earlier. Reports from manufacturers showed sales of 2,975,000 pounds of dry buttermilk during August, lowest for the month since 1952, a decline of 6 percent from the previous month, and 11 percent from the sales of a year earlier.

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AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED PRIMARILY FOR EVAPORATED  
MILK DURING AUGUST 1955, WITH COMPARISONS 1/

State and division	August 1954			July 1955			August 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.	3.13	3.79	.82	3.03	3.70	.82	3.15	3.80	.83
M. Atl. 2/	3.13	3.79	.83	3.04	3.70	.82	3.17	3.81	.83
Md.	3.19	4.04	.79	3.06	3.95	.77	3.19	4.07	.78
Va.	3.14	4.36	.72	3.13	4.22	.74	3.17	4.29	.74
S. Atl. 2/	3.17	4.31	.74	3.14	4.20	.75	3.19	4.28	.75
Ohio	3.11	3.91	.80	3.00	3.83	.78	3.14	3.85	.82
Ind.	3.26	3.95	.83	3.06	3.80	.81	3.13	3.80	.82
Ill.	2.99	3.69	.81	2.94	3.65	.81	2.98	3.69	.81
Mich.	3.10	3.83	.81	2.98	3.67	.81	3.10	3.71	.84
Wis.	3.16	3.71	.85	3.08	3.62	.85	3.17	3.64	.87
E. N. C.	3.14	3.81	.82	3.03	3.69	.82	3.13	3.72	.84
Iowa	3.05	3.76	.81	3.05	3.65	.84	3.12	3.67	.85
Mo.	3.18	4.21	.76	3.25	4.25	.76	3.26	4.27	.76
Kans.	2.96	3.86	.77	3.08	3.98	.77	3.08	3.97	.78
W. N. C. 2/	3.10	4.01	.77	3.15	4.00	.79	3.19	4.05	.79
Ky.	3.18	4.39	.73	3.06	4.28	.72	3.09	4.34	.71
Tenn.	3.15	4.59	.72	3.13	4.32	.72	3.18	4.38	.73
Ala.	3.16	4.30	.73	3.13	4.30	.73	3.18	4.34	.73
Miss.	3.08	4.28	.72	3.09	4.31	.72	3.17	4.44	.71
Ark.	3.14	4.19	.75	3.25	4.28	.76	3.29	4.34	.76
S. Cent. 2/	3.16	4.35	.73	3.12	4.30	.73	3.17	4.37	.73
Idaho	3.20	3.86	.83	3.16	3.78	.84	3.18	3.80	.84
Wash.	3.34	4.31	.77	3.40	4.16	.82	3.47	4.21	.82
Oreg.	3.34	4.15	.81	3.43	4.12	.83	3.47	4.16	.83
N. W.	3.28	4.07	.80	3.30	3.99	.83	3.34	4.02	.83
Utah	2.72	3.40	.80	2.86	3.36	.86	2.90	3.40	.86
Calif.	3.18	3.83	.83	3.11	3.72	.86	3.27	3.79	.86
S. W.	3.12	3.78	.82	3.16	3.67	.86	3.22	3.73	.86
U. S.	3.15	4.00	.79	3.10	3.93	.79	3.17	3.99	.80

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 1955, WITH COMPARISONS 1/

	Unit	Average 1949-53	1954	1955
Purchases, reported total	Pounds	622,306,000	597,386,000	591,324,000
Producers	Number	159,000	147,000	134,000
Average daily purchases per producer	Pounds	126.3	131.1	142.4
Change in purchases per producer:				
1955 from 1954	Percent	XXXXX	XXXXX	+8.6
1955 from 5-year average	Percent	XXXXX	XXXXX	+12.1

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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The United States Department of Agriculture purchased 23,246,000 pounds of nonfat dry milk solids for price support purposes during September through the 27th of the month. Purchases for the entire month of August were 24,609,000 pounds. Cumulative purchases for the marketing year, beginning April 1, 1955 and through September 27, totaled 358,340,000 pounds. On September 21, the Department held 31,865,000 pounds of uncommitted supplies of nonfat dry milk solids. Sales of nonfat dry milk solids back to the trade, for domestic human food use, were 40,000 pounds during the period from September 1 through 27th and for animal feed, sales totaled 1,952,000 pounds.

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK

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Commodity	Aug. 1954 1/	Aug. 1955 2/	Change in Aug. 1955 from		Cumulative total	
			1949-53 average	1954	Jan.-Aug. 1955	Change from Jan.-Aug.1954
Evaporated and Condensed Milk	1,000 pounds		Percent		1,000 lb.	Percent
Evaporated whole (case goods)	238,673	227,500	- 14	- 5		
Condensed whole (case goods)	2,569	2,950	- 40	+ 15		
Dry Milk					Cumulative totals and percent changes omitted because the Preliminary Enumera- tion of Manufactured Dairy Products for 1954 was available too late for use in the revision of esti- mates for January through August 1955.	
Dry whole						
Spray process	6,729	6,425	- 30	- 5		
Roller process	725	900	- 22	+ 24		
Total	7,454	7,325	- 29	- 2		
Dry nonfat solids						
Human food - spray process	81,727	82,500	+ 43	+ 1		
Human food - roller process	11,913	12,200	- 30	+ 2		
Total (human food)	93,640	94,700	+ 26	+ 1		
Dry skim milk (animal feed)	1,330	1,260	- 19	- 5		
Dry buttermilk	3,959	4,200	+ 4	+ 6		

1/ Preliminary enumerations.  
2/ Estimates.

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

CONDENSED MILK, EVAPORATED MILK, AND DRY MILK AUGUST 31, 1955					
Commodity	Average 1949-53	1954 2/	1955	Change in 1955 from	
				1949-53 av.	1954
<b>Evaporated and Condensed Milk</b>		<b>1,000 pounds</b>			<b>Percent</b>
Evaporated whole (case goods)	474,984	410,355	448,700	- 6	+ 9
Condensed whole (case goods)	7,259	5,134	7,177	- 1	+ 40
<b>Dry Milk</b>					
Dry whole					
Spray process	18,907	10,690	11,768	- 38	+ 10
Roller process	256	93	107	- 58	+ 15
Total	19,163	10,783	11,875	- 38	+ 10
Dry nonfat solids					
Human food - spray process	83,274	57,723	89,295	+ 7	+ 55
Human food - roller process	29,450	13,861	27,951	- 5	+102
Total (human food)	112,724	71,584	117,246	+ 4	+ 64
Dry skim milk (animal feed)	2,885	1,561	1,548	- 46	- 1
Dry buttermilk	10,170	4,895	4,799	- 53	- 2

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.

for the same period. Sales during August were 88,000 pounds for human food and 1,335,000 pounds for animal feed. Sales for the entire marketing year of April 1, 1955 through September 27th were 832,000 pounds of human food and 7,153,000 pounds of nonfat dry milk solids for animal and poultry feed.

Manufacturers' selling prices of total nonfat dry milk solids for August averaged 15.38 cents per pound. This is the third highest price of record for the month, and compares with 15.26 cents for July, 15.09 cents for August a year earlier, and 13.88 cents for the August 5-year average. Prices of spray-dried nonfat milk solids averaged 15.57 cents for August, practically unchanged from July, but compared with 15.40 cents a year earlier and 14.33 cents for the same month during the 5-year average. August prices of roller-dried nonfat milk solids were 14.17 cents, nearly 1/3 cent higher than in July and 2/3 cent higher than a year earlier. The August 5-year average price was 12.56 cents.

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Prices of dry skim milk for animal feed averaged 10.26 cents for August, almost 1/2 cent lower than July, but more than 1 cent higher than a year earlier. Combining both human food and animal feed, the average price of dry buttermilk for August was 13.25 cents, a gain of more than 1/4 cent from the preceding month and 1 3/4 cents from a year earlier. The August price of dry buttermilk was the highest for the month since 1952.

Selling prices of dry whole milk in all sizes of packages averaged 39.23 cents per pound for August, a gain of 1/3 cent from the preceding month and 1/7 cent from a year earlier. Prices of dry whole milk in 1-2 1/2 pound packages averaged 43.09 cents per pound for August, compared with 43.52 cents for July and 42.95 cents a year earlier. In 5 pound packages, prices averaged 38.64 cents for August, a gain of 1/5 cent from the preceding month and 1/2 cent from a year earlier. Prices of miscellaneous large packages, mostly barrels and drums, averaged 33.33 cents for August, compared with 32.23 cents for July and 33.79 cents a year earlier.

#### EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for August, at 227,500,000 pounds, was the second lowest for the month since 1939, the Agricultural Marketing Service reports. It was also 5 percent less than that of a year earlier and 14 percent less than the 5-year average for the month. Cumulative data for the first 8 months of 1955 on both evaporated and condensed milk are being omitted from this report, since sufficient time was not available after the release of the preliminary enumeration of manufactured dairy products for 1954 to permit the revisions of the 1955 January-July estimates at this time.

August output of canned condensed whole milk equalled 2,950,000 pounds, highest for the month since 1952, a gain of 15 percent from a year earlier but a decline of 40 percent from the 1949-53 average.

Manufacturers' stocks of evaporated whole <sup>milk</sup> totaled 448,700,000 pounds on August 31, a gain of 9 percent from a year earlier, but a decline of 6 percent from the 5-year August average. Stocks of canned condensed whole milk totaled 7,177,000 pounds, highest for the date since 1952, an increase of 40 percent from a year earlier, but a decline of 1 percent from the 5-year average.

Selling prices of evaporated whole milk for August in cases of 48 14 1/2-oz. cans averaged \$5.57 f.o.b. distributing point, unchanged from the average prices of the past five months, but 3 cents per case higher than a year earlier. By regions, prices were unchanged from the preceding month in the New England, East North Central, West North Central, North Western, and South Western regions. A 1 cent decline per case was reported in both the Middle Atlantic and South Atlantic, offset, however, by a 1 cent increase in the South Central region.

During August, condenseries paid an average of \$3.17 per hundredweight for milk with a butterfat test of 3.99 percent, or an average of 80 cents per pound of butterfat in the milk. This average is 1 cent higher than the average for July this year and August last year. The average price of butterfat by States ranged from 71 cents in Kentucky and Mississippi to 87 cents in Wisconsin.

Milk purchases by reporting condenseries from approximately 134,000 producers during August totaled 591,324,000 pounds. Average daily purchases per producer were 142.4 pounds, a gain of 9 percent from a year earlier and 13 percent from the 5-year average.

The 1954 enumerated data on all manufactured dairy products are now available. Copies of the enumeration release may be had by writing this office.