

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

August 31, 1955

EVAPORATED, CONDENSED, AND DRY MILK REPORT
FOR JULY 1955

DRY MILK

Production of total nonfat dry milk solids during July was one percent below a year earlier the Agricultural Marketing Service reports. Dry whole milk production was down 5 percent from a year earlier but the output of dry buttermilk was up 9 percent.

Total nonfat dry milk solids production during July of 111,100,000 pounds, represents a decline of 1 percent from a year earlier but an increase of 19 percent from the 1949-53 July average. Cumulative production for the first 7 months of the year totaled 865,600,000 pounds--6 percent less than the same period in 1954. Production of spray-dried nonfat milk solids was 95,300,000 pounds in July--a record high for the month--and up 2 percent from a year earlier and 35 percent above average. The combined January-July output of 717,600,000 pounds was 2 percent below the same months in 1954. Roller-dried nonfat milk solids production, at 15,800,000 pounds, was the lowest for July since records began in 1943 and declined 16 percent and 31 percent, respectively, from July last year, and the 1949-53 average. Production of 148,000,000^{pounds} for the first 7 months of the year, was 21 percent below the same period last year.

July production of dry whole milk amounted to 8,275,000 pounds, down 5 percent and 28 percent, respectively, from a year earlier and the 5-year average. The cumulative January-July output of 59,350,000 pounds was up 3 percent from the same months of 1954. Spray-dried whole milk production, at 7,950,000 pounds, declined 5 percent from a year earlier and 24 percent from the 1949-53 July average. At 55,200,000 pounds, production for the first 7 months of 1955 was slightly above the corresponding months last year. Production of roller-dried whole milk for July was 325,000 pounds, 14 percent less than a year earlier and 69 percent below the average. Cumulative production for the January-July period was 4,150,000 pounds, 57 percent above the same period last year.

Dry skim milk production for animal feed in July totaled 1,400,000 pounds, a decline of 15 percent from a year earlier and 31 percent from the 5-year average. The January-July production of 10,915,000 pounds was 23 percent less than the corresponding months of 1954. Output of dry buttermilk, at 5,100,000 pounds, was up 9 percent and 5 percent, respectively, from July 1954 and the average. Cumulative production of 35,175,000 pounds for the first 7 months was 1 percent below the same period last year.

Manufacturers' stocks of total nonfat dry milk solids amounted to 140,501,000 pounds on July 31, an increase of 54 percent from a year earlier and 16 percent from the 5-year average for the date. Stocks of spray-dried nonfat milk solids equaled 109,477,000 pounds, up 52 percent and 26 percent, respectively, from a year earlier and the July 31 average. Stocks of roller-dried nonfat milk solids, at 31,024,000 pounds on July 31, were 59 percent higher than a year earlier but 9 percent lower than the 1949-53 average.

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

NONFAT DRY MILK SOLIDS (Bulk goods)			DRY SKIM	DRY BUTTERMILK (Bulk goods)		
Price 1/ Cents	Spray process 2/ -- Pounds --	Roller process -- Pounds --	Animal feed	Price 1/ Cents	Human food -- Pounds --	Animal feed -- Pounds --
5-5½			1,565	4-4½		50,000
6-6½			3,400	5-5½		9,378
6½-7			4,320	7½-8		61,285
7-7½			1,436	8-8½		77,400
8-8½			38,640	8½-9		6,650
8½-9			2,800	9-9½		94,821
9-9½			5,120	9½-10		19,710
9½-10			82,003	10-10½		376,440
10-10½			119,654	10½-11		63,655
10½-11			72,488	11-11½		7,200
11-11½		79,665	51,595	11½-12		12,685
11½-12		2,400	258,244	12-12½	87,887	32,455
12-12½		55,455	34,526	13-13½	426,050	
12½-13		35,000	14,344	13½-14	149,200	
13-13½	411,775	4,613,517	3,945	14-14½	1,064,450	
13½-14	127,315	3,938,795		14½-15	188,000	
14-14½	1,468,875	3,678,266		15-15½	229,775	
14½-15	4,987,854	2,915,444		15½-16	44,514	
15-15½	24,902,261	139,052		16-16½	55,075	
15½-16	36,931,607	-		17-17½	77,500	
16-16½	7,246,736	39,700		17½-18	32,172	
16½-17	1,162,601					
17-17½	1,760,382					
17½-18	658,825					
Total	79,658,231	15,497,294	694,140		2,354,623	811,679
Total human	95,155,525					
Grand total		95,849,665				3,166,302

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

Price 1/ Cents	1-2½ lb. packages	5-lb. packages -- Pounds --	All other packages, including bbls. & drums	Total reported shipments
27-28			36,000	36,000
28-29			124,504	124,504
29-30			208,077	208,077
30-31			176,194	176,194
31-32		148,080	375,091	523,171
32-33		-	10,822	10,822
33-34		-	325,558	325,558
34-35		77,820	41,450	119,270
35-36	346,721	279,175	158,553	784,449
37-38	122,782	143,040	-	265,822
38-39	31,385	-	-	31,385
39-40	12,000	1,082,539	21,222	1,115,761
40-41	-	23,780	1,050	24,830
41-42	101,268	-	-	101,268
44-45	1,604,738	36,990	-	1,641,728
49-50	90,567			90,567
Total	2,309,461	1,791,424	1,478,521	5,579,406

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, JULY 1955

	Nonfat dry milk solids			Dry skin an. feed	N. F. solids & dry skin	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 --											
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
June 1955	2/15.57	13.67	15.28	10.51	15.24	13.91	9.29	12.01	43.33	37.66	33.11	38.34
July 1954	14.94	12.82	14.52	8.83	14.46	12.41	8.21	9.81	42.56	35.54	32.76	36.95
July 49-53	14.37	12.44	13.86	9.57	13.79	12.65	8.97	10.99	46.09	40.90	35.28	40.40

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, JULY 1955, WITH COMPARISONS 1/

Geographic division	July 1954	June 1955 ²	July 1955
	-- Dollars --		
New England	5.47	5.55	5.56
Middle Atlantic	5.46	5.53	5.54
South Atlantic	5.50	5.56	5.57
East North Central	5.39	5.49	5.49
West North Central	5.51	5.55	5.55
South Central	5.60	5.61	5.62
North Western	5.69	5.69	5.69
South Western	5.65	5.66	5.66
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United States	5.50	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.

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

Price per cwt.
Chicago - \$2.908

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 June 26, 1955, through July 25, 1955, averaged for:

Cents per pound
Spray - 15.62
Roller - 13.38

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Stocks of total dry whole milk held by manufacturers on July 31 were reported at 12,281,000 pounds, of which 12,200,000 pounds were spray-dried. Both of these were 5 percent and 33 percent, respectively, below a year earlier and the July 31 average. Roller-dried whole milk stocks at 81,000 pounds were up 80 percent from a year earlier but down 57 percent from the 5-year average for July 31.

Stocks of dry skim milk for animal feed on July 31 were reported to be 1,531,000 pounds, a decline of 11 percent from a year earlier and 52 percent from the average. Dry buttermilk stocks totaled 5,357,000 pounds, 19 percent less than a year earlier and 49 percent below the July 31 average.

The United States Department of Agriculture purchased 21,429,000 pounds of nonfat dry milk solids for price support purposes in August through the 25th. Purchases for the entire month of July totaled 35,762,000 pounds. For the marketing year beginning April 1, 1955 purchases through August 25th added up to 331,330,000 pounds. The Department held 148,534,000 pounds of uncommitted supplies of nonfat dry milk solids on August 24th. Sales of nonfat dry milk solids back to the trade for domestic human food use were 48,000 pounds in

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

State and division	July 1954			June 1955			July 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.	3.05	3.73	.82	3.06	3.71	.83	3.03	3.70	.82
M. Atl. 2/	3.05	3.73	.82	3.07	3.71	.82	3.04	3.70	.82
Md.	3.03	3.92	.77	3.06	4.00	.76	3.06	3.95	.77
Va.	3.03	4.23	.72	3.18	4.31	.74	3.13	4.22	.74
S. Atl. 2/	3.05	4.20	.73	3.16	4.26	.74	3.14	4.20	.75
Ohio	2.99	3.85	.78	2.98	3.86	.77	3.00	3.83	.78
Ind.	3.14	3.91	.80	3.02	3.92	.77	3.06	3.80	.81
Ill.	2.87	3.62	.79	2.89	3.62	.80	2.94	3.65	.81
Mich.	2.98	3.77	.79	2.94	3.68	.80	2.98	3.67	.81
Wis.	3.04	3.65	.83	3.03	3.61	.84	3.08	3.62	.85
E.N.C.	3.02	3.75	.80	2.99	3.70	.81	3.03	3.69	.82
Iowa	2.95	3.69	.80	2.94	3.56	.82	3.05	3.65	.84
Mo.	3.10	4.12	.75	3.28	4.30	.76	3.25	4.25	.76
Kans.	2.90	3.81	.76	3.08	3.99	.77	3.08	3.98	.77
W.N.C. 2/	3.01	3.92	.77	3.12	3.96	.79	3.15	4.00	.79
Ky.	3.04	4.28	.71	3.09	4.31	.72	3.06	4.28	.72
Tenn.	3.04	4.26	.71	3.15	4.36	.72	3.13	4.32	.72
Ala.	3.00	4.21	.71	3.10	4.34	.72	3.13	4.30	.73
Miss.	2.95	4.16	.71	3.08	4.33	.71	3.09	4.31	.72
Ark.	3.06	4.12	.74	3.28	4.33	.76	3.25	4.28	.76
S. Cent. 2/	3.03	4.24	.72	3.14	4.34	.72	3.12	4.30	.73
Idaho	3.13	3.80	.83	3.14	3.76	.83	3.16	3.78	.84
Wash.	3.24	4.23	.76	3.31	4.11	.81	3.40	4.16	.82
Oreg.	3.29	4.10	.80	3.36	4.06	.83	3.43	4.12	.83
N.W.	3.20	4.01	.80	3.25	3.96	.82	3.30	3.99	.83
Utah	2.60	3.35	.78	2.95	3.44	.86	2.88	3.36	.86
Calif.	3.07	3.72	.83	3.13	3.68	.85	3.11	3.72	.86
S.W. 2/	3.00	3.67	.82	3.10	3.65	.85	3.16	3.67	.86
U. S. 2/	3.03	3.91	.78	3.08	3.91	.79	3.10	3.93	.79

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, JULY 1955, WITH COMPARISONS 1/

	Unit	Average 1949-53	1954	1955
Purchases, reported total	Pounds	675,175,000	665,448,000	646,272,000
Producers	Number	159,000	148,000	135,000
Average daily purchases per producer	Pounds	137.0	145.0	154.4
Change in purchases per producer:				
1955 from 1954	Percent	XXXX	XXXX	+6.5
1955 from 5-year average	Percent	XXXX	XXXX	+12.7

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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August through the 25th, 704,000 pounds for the month of July and 752,000 pounds from April 1, 1955 through August 25th. The Department sold 835,000 pounds of nonfat dry milk solids for animal and poultry feed in August through the 25th, 1,174,000 pounds for the month of July and 4,621,000 pounds from April 1, 1955 through August 25th.

Sales of total nonfat dry milk solids for July, as shown by reporting manufacturers, totaled 95,156,000 pounds, down 17 percent from the preceding month and 18 percent from a year earlier. Manufacturers' sales of dry whole milk were reported at 5,579,000 pounds, 24 percent less than the previous month.

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK

Commodity	July 1954 <u>1/</u>	July 1955 <u>1/</u>	Change in July 1955 from		Cumulative total	
			1949-53 average	1954	Jan.-July 1955	Change from Jan.-July 1954
	<u>1,000 pounds</u>		<u>Percent</u>		<u>1,000 lb.</u>	<u>Percent</u>
<u>Evaporated and condensed milk</u>						
Evaporated whole (case goods)	265,000	256,750	-12	- 3	1,712,400	+ 4
Condensed whole (case goods)	1,950	3,025	-37	+55	16,790	+19
<u>Dry Milk</u>						
Dry whole						
Spray process	8,350	7,950	-24	- 5	55,200	0
Roller process	380	325	-69	-14	4,150	+57
Total	8,730	8,275	-28	- 5	59,350	+ 3
<u>Dry nonfat solids</u>						
Human food - spray process	93,500	95,300	+35	+ 2	717,600	- 2
Human food - roller process	18,750	15,800	-31	-16	148,000	-21
Total (human food)	112,250	111,100	+19	- 1	865,600	- 6
Dry skim milk (animal feed)	1,650	1,400	-31	-15	10,915	-23
Dry buttermilk	4,700	5,100	+ 5	+ 9	35,175	- 1

1/ Estimates; subject to revision when enumerations are available for 1954.

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

Commodity	Average 1949-53	1954 <u>2/</u>	1955	Change in 1955 from	
				1949-53 av.	1954
	<u>1,000 pounds</u>		<u>Percent</u>		
<u>Evaporated and condensed milk</u>					
Evaporated whole (case goods)	449,696	381,143	412,415	- 8	+ 8
Condensed whole (case goods)	7,720	4,723	6,457	-16	+37
<u>Dry milk</u>					
Dry whole					
Spray process	18,226	12,865	12,200	-33	- 5
Roller process	188	45	81	-57	+80
Total	18,414	12,910	12,281	-33	- 5
<u>Dry nonfat solids</u>					
Human food - spray process	86,546	72,045	109,477	+26	+52
Human food - roller process	34,142	19,460	31,024	- 9	+59
Total (human food)	120,688	91,505	140,501	+16	+54
Dry skim milk (animal feed)	3,184	1,712	1,531	-52	-11
Dry buttermilk	10,476	6,637	5,357	-49	-19

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.

and 13 percent below July 1954. Dry buttermilk sales during July, at 3,166,000 pounds, declined 3 percent from the preceding month but increased 21 percent from a year earlier.

Manufacturers' selling prices of total nonfat dry milk solids during July averaged 15.26 cents per pound, down slightly from the 15.28 cents reported for the previous month but up 3/4 cent from a year earlier. Spray-dried nonfat milk solids averaged 15.55 cents per pound, slightly below the previous month but 3/5 cent above July 1954. July prices of roller-dried nonfat milk solids averaged 13.79 cents per pound, an increase of 1/10 cent from the preceding month and 1.0 cent from a year earlier.

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Sales by manufacturers of dry skim milk for animal feed in July averaged 10.70 cents per pound, up $\frac{1}{5}$ cent and 1.9 cents, respectively, from the previous month and a year earlier. Combining both human food and animal feed, the price of dry buttermilk averaged 12.94 cents per pound in July, $\frac{9}{10}$ cent above the preceding month and 3.1 cents higher than a year earlier.

Selling prices of dry whole milk for all sizes of packages averaged 38.89 cents per pound during July. This is an increase of $\frac{3}{5}$ cent from the previous month and 1.9 cents from a year earlier. Prices of 1- $2\frac{1}{2}$ pound packages averaged 43.52 cents per pound, up $\frac{1}{5}$ cent and 1.0 cent, respectively, from the preceding month and July 1954. In 5 pound packages, prices averaged 38.42 cents per pound, $\frac{3}{4}$ cent higher than the previous month and 2.9 cents above a year earlier. Miscellaneous large packages, mostly barrels and drums, averaged 32.23 cents per pound, a decline of $\frac{9}{10}$ cent from the preceding month and $\frac{1}{2}$ cent from July 1954.

EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for July totaled 256,750,000 pounds, lowest for the month since 1939, the Agricultural Marketing Service reports. This represents a decline of 3 percent from a year earlier and 12 percent from the 1949-53 July average. Cumulative output for the first 7 months of 1955 came to 1,712,400,000 pounds, up 4 percent from the same period a year earlier.

July output of canned condensed whole milk, at 3,025,000 pounds, was the largest for any month since November 1953. The production for July was 55 percent above a year earlier but 37 percent below the 1949-53 average. The combined January-July output totaled 16,790,000 pounds, a gain of 19 percent from the same months in 1954.

Manufacturers' stocks of evaporated milk on July 31 totaled 412,415,000 pounds, an increase of 8 percent from a year earlier but a decline of 8 percent from the 5-year average. Stocks of canned condensed whole milk, at 6,457,000 pounds, were 37 percent above a year earlier although 16 percent below the 1949-53 July 31 average.

Selling prices of evaporated whole milk for July averaged \$5.57 per case of 48 $14\frac{1}{2}$ -oz. cans, the same price as the 4 previous months. This price, however, is 7 cents per case higher than for July 1954. By regions, prices were up 1 cent for the New England, Middle Atlantic, South Atlantic and South Central States, and unchanged for the remaining areas.

Condensery paying prices for July averaged \$3.10 per hundredweight for milk testing 3.93 percent butterfat, which computes to 79 cents per pound of butterfat. This price per pound of butterfat is unchanged from the preceding month but is 1 cent higher than for July 1954. By States, the price per pound of butterfat ranged from 72 cents for Kentucky, Tennessee and Mississippi to 86 cents for Utah and California.

Milk purchased by reporting condenseries totaled 646,272,000 pounds for July. Purchases were made from approximately 135,000 producers for an average daily purchase of 154.5 pounds per producer. This represents a gain in purchases per producer of 6 percent from a year earlier and 13 percent from the 1949-53 July average.