

EVAPORATED, CONDENSED, AND DRY MILK REPORT

For August 1957

Washington, D. C.
October 1, 1957

DRY MILK

August production of total nonfat dry milk was 18 percent above a year earlier and the highest of record for the month, the Agricultural Marketing Service reports. Dry whole milk production was down 28 percent and dry butter-milk was up 9 percent from August 1956.

Production of total nonfat dry milk during August equaled 116,000,000 pounds, an increase of 18 percent from a year earlier and 39 percent from the August 1951-1955 average. Cumulative production for the first 8 months of 1957 totaled 1,210,790,000 pounds, 7 percent more than for the same months a year earlier. Spray-dried nonfat milk output during August, at 107,500,000 pounds, was a record high for the month, up 25 percent from a year earlier and 55 percent from the average for the month. The combined January-August production was 1,094,790,000 pounds, 10 percent higher than the same period in 1956. Production of roller-dried nonfat milk in August totaled 8,500,000 pounds -- lowest of record for the month since 1943 when separate estimates on roller and spray were begun. The August output was down 29 percent from a year earlier and 39 percent from the 5-year average. Cumulative roller-dried nonfat milk production for the first 8 months of 1957, at 116,000,000 pounds, was 19 percent below the corresponding months of a year earlier.

Dry whole milk production during August totaled 6,600,000 pounds -- a decline of 28 percent and 26 percent, respectively, from a year earlier and the 1951-55 average for the month. The combined January-August output of 64,350,000 pounds was 17 percent below the same months of 1956.

Output of dry buttermilk at 4,900,000 pounds during August was up 9 percent from a year earlier and 20 percent from the average. Cumulative production for January-August totaled 45,700,000 pounds -- 3 percent less than the same months of 1956. Production of dry skim milk for animal feed totaled 1,200,000 pounds during August, down 20 percent and 21 percent, respectively, from a year earlier and the average for the month. The combined production for the first 8 months of 1957 totaled 11,300,000 pounds, 7 percent less than for the same months a year earlier.

Stocks of total nonfat dry milk reported by manufacturers for August 31 totaled 113,910,000 pounds, 4 percent below both a year earlier and the 5-year August 31 average. Spray-dried nonfat milk stocks, at 95,882,000 pounds, were up 4 percent from a year earlier and 5 percent from the 1951-55 August 31 average. Stocks of roller-dried nonfat milk totaled 18,028,000 pounds, down 32 percent and 35 percent, respectively, from August 31, 1956 and the average for the date.

Manufacturers' reported stocks of dry whole milk at the end of August totaled 12,783,000 pounds, a decline of 11 percent from a year earlier and 27 percent from the average. Dry buttermilk stocks were 7,128,000 pounds, 20 percent above a year

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Table 1.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, August 1957

Price per pound ^{1/}	Nonfat dry milk (bulk goods)		Dry skim milk for animal feed	Dry buttermilk	
	Spray process ^{2/}	Roller process		Human food	Animal feed
Cents	Pounds	Pounds	Pounds	Pounds	Pounds
6 - 6½.....					46,100
6½- 7.....					49,725
7 - 7½.....					31,250
7½- 8.....					393,227
8 - 8½.....			60,860		153,912
8½- 9.....			15,526		36,900
9 - 9½.....			83,824		44,200
9½-10.....			62,563		9,400
10 -10½.....			76,758		-
10½-11.....			79,141		12,660
11 -11½.....			107,170		2,925
11½-12.....		11,200	32,200		
12 -12½.....		5,100	74,152	37,000	
12½-13.....		597,445	6,835	187,400	
13 -13½.....		4,229,158		775,550	
13½-14.....	1,171,536	1,711,691		129,200	
14 -14½.....	1,012,527	1,346,785		301,800	
14½-15.....	8,370,968	893,070		169,150	
15 -15½.....	24,673,730	872,720		60,375	
15½-16.....	24,192,288	2,000		-	
16 -16½.....	9,306,888	2,600		186,348	
16½-17.....	2,934,230	53,940		170,675	
17 -17½.....	576,271			36,405	
17½-18.....	217,270			19,000	
18 -18½.....	796,050			17,400	
18½-19.....				22,550	
Total	73,251,758	9,725,709	599,099	2,112,853	780,299
Total	3/82,977,467				
Total	4/83,576,566			5/2,893,152	
Dry whole milk ^{6/}					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total reported shipments	
	Pounds	Pounds	Pounds	Pounds	
29½-30½.....			3,920	3,920	
30½-31½.....			373,940	373,940	
31½-32½.....			351,988	351,988	
32½-33½.....			596,075	596,075	
34½-35½.....			2,000	2,000	
35½-36½.....			158,544	158,544	
36½-37½.....	353,574	404,399	13,890	771,863	
39½-40½.....	19,200	-		19,200	
40½-41½.....	-	520,010		520,010	
41½-42½.....	7,491	1,409,602		1,417,093	
44½-45½.....	-	60,450		60,450	
46½-47½.....	2,151,931			2,151,931	
49½-50½.....	286,083			286,083	
50½-51½.....	80,880			80,880	
Total	2,899,159	2,394,461	1,500,357	6,793,977	

- ^{1/} Classified according to average monthly prices reported by firms.
- ^{2/} Excludes spray-dried nonfat milk sold in retail packages.
- ^{3/} Roller and spray process; for human consumption.
- ^{4/} Nonfat and dry skim.
- ^{5/} Total dry buttermilk.
- ^{6/} Includes some dry whole milk in special packages for export.

Table 2.--Dry milk: Manufacturers' average selling price per pound, f.o.b. plant, August 1957, with comparisons

Month	Nonfat dry milk			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and Animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. 1/	Total shipments
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
August 1951-55..	15.62	13.85	15.27	10.11	15.21	13.96	9.21	11.77	46.30	41.43	35.02	41.24
August 1956.....	15.37	13.44	15.10	9.96	15.07	14.40	8.25	12.74	42.46	39.00	33.12	38.97
July 1957.....	2/15.44	13.55	15.22	10.03	15.19	14.31	7.65	13.15	44.88	39.99	31.97	39.79
August 1957.....	2/15.51	13.74	15.30	10.24	15.26	14.25	7.72	12.49	46.01	40.97	32.46	41.24

1/ Includes barrels and drums.

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

Table 3.--Evaporated whole milk: Manufacturers' average selling price per case of 48 14½-oz. cans, in carlots, by geographic divisions, August 1957, with comparisons 1/

Geographic division	August 1956	July 1957	August 1957
	Dollars	Dollars	Dollars
New England.....	5.92	6.03	6.03
Middle Atlantic.....	5.88	6.01	6.01
South Atlantic.....	5.92	6.03	6.03
East North Central.....	5.84	5.97	5.97
West North Central.....	5.95	6.08	6.08
South Central.....	5.98	6.13	6.13
North Western.....	6.02	6.18	6.18
South Western.....	6.05	6.20	6.20
United States.....	5.93	6.06	6.06

1/ Manufacturers' prices are based on the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

Average price paid for entire month of August by 12 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order:

Price per cwt.
Chicago - \$ 3.062

Average prices received f.o.b. plants for nonfat dry milk in the Chicago area covering the States of Illinois, Indiana, Michigan, Minnesota, and Wisconsin for the period July 26, 1957 through August 25, 1957 were:

Cents per pound
Spray - 15.28
Roller - 13.27

Table 4.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, August 1957, with comparisons 1/

State and division	August 1956			July 1957			August 1957		
	Milk price per 100 pounds	Milkfat		Milk price per 100 pounds	Milkfat		Milk price per 100 pounds	Milkfat	
		Test	Price per pound		Test	Price per pound		Test	Price per pound
	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars
Pa.....	3.26	3.78	.86	3.17	3.70	.86	3.21	3.70	.87
M.Atl.2/	3.27	3.78	.87	3.18	3.70	.86	3.22	3.70	.87
Md.....	3.42	4.14	.83	3.29	3.98	.83	3.43	4.06	.84
Va.....	3.36	4.36	.77	*3.30	*4.22	.78	3.39	4.34	.78
S.Atl.2/	3.36	4.31	.78	*3.28	*4.20	.78	3.38	4.31	.78
Ohio.....	3.31	3.88	.85	3.20	3.83	.84	3.23	3.84	.84
Ind.....	3.32	3.88	.86	3.20	3.81	.84	3.27	3.85	.85
Ill.....	3.11	3.69	.84	3.06	3.62	.85	3.08	3.64	.85
Mich.....	3.27	3.76	.87	3.18	3.67	.87	3.19	3.69	.86
Wis.....	3.28	3.70	.89	3.19	3.61	.88	3.23	3.66	.88
E.N.C....	3.27	3.77	.87	3.18	3.69	.86	3.21	3.72	.86
Mo.....	3.36	4.27	.79	3.24	4.12	.79	3.31	4.16	.80
Kans.....	3.18	3.94	.81	3.13	3.89	.80	3.17	3.86	.82
W.N.C.2/	3.28	4.04	.81	3.18	3.90	.82	3.26	3.95	.83
Ky.....	3.27	4.35	.75	3.16	4.24	.75	3.22	4.33	.74
Tenn.....	3.34	4.38	.76	3.29	4.33	.76	3.37	4.43	.76
Ala.....	3.35	4.42	.76	3.19	4.25	.75	3.26	4.32	.75
Miss.....	3.31	4.40	.75	3.20	4.29	.75	3.28	4.40	.75
Ark.....	3.33	4.23	.79	3.22	4.11	.78	3.33	4.23	.79
S.Cent.2/	3.31	4.35	.76	3.22	4.26	.76	3.30	4.36	.76
Idaho.....	*3.39	*3.76	.90	3.28	3.65	.90	3.35	3.72	.90
Wash.....	3.29	4.16	.79	3.30	4.10	.80	3.44	4.13	.83
Oreg.....	3.53	4.08	.87	3.49	4.00	.87	3.55	4.07	.87
N.W.....	*3.39	*3.93	.86	3.33	3.82	.87	3.41	3.88	.88
Utah.....	*3.02	*3.41	.89	2.98	3.33	.89	2.95	3.35	.88
Calif.....	3.40	3.83	.89	3.37	3.72	.91	3.44	3.83	.90
S.W.2/..	3.35	*3.79	*.88	3.31	3.67	.90	3.37	3.77	.89
U.S.2/..	3.31	4.02	.82	3.23	3.92	.82	3.28	3.99	.82

1/ Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported.
 2/ Includes prices for some States not shown separately.
 * Revised.

Table 5.-Milk bought by condenseries: Quantity bought, and number of producers, August 1957, with comparisons 1/

Item	Average August 1951-55	August 1956	August 1957
Milk bought from producers.....pounds	611,250,000	589,674,000	576,784,000
Producers.....number	150,000	128,000	121,000
Average per producer per day....pounds	131.5	148.6	153.8
Change in purchases per producer:			
1957 from 1956.....percent	xxxxx	xxxxx	+ 3.5
1957 from 5-year average.....percent	xxxxx	xxxxx	+ 17.0

1/ Reported 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.

Table 6.-Evaporated, condensed, and dry milk: Production August 1957, with comparisons

Commodity	August 1956 <u>1/</u>	August 1957 <u>1/</u>			Jan.-Aug. 1957	
		Total	Change from --		Total	Change from Jan.-Aug. 1956
			Aug. 1951-55 average	August 1956		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)...	232,600	217,300	- 12	- 7	1,858,500	- 2
Condensed whole (case goods)...	6,640	3,250	+ 3	- 51	42,905	+ 8
Dry milk:						
Dry whole milk.....	9,150	6,600	- 26	- 28	64,350	- 17
Nonfat dry milk:						
Human food, spray process...	86,000	107,500	+ 55	+ 25	1,094,790	+ 10
Human food, roller process..	12,000	8,500	- 39	- 29	116,000	- 19
Total (human food).....	98,000	116,000	+ 39	+ 18	1,210,790	+ 7
Dry skim milk (animal feed)..	1,500	1,200	- 21	- 20	11,300	- 7
Dry buttermilk.....	4,500	4,900	+ 20	+ 9	45,700	- 3

1/ Estimates subject to revision when enumerations are available for 1956.

Table 7.-Evaporated, condensed, and dry milk: Manufacturers' stocks August 31, 1957, with comparisons 1/

Commodity	Average August 31, 1951-55	August 31, 1956 <u>2/</u>	August 31, 1957		
			Total	Change from --	
				August 31, 1951-55 av.	August 31, 1956
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)....	481,294	434,536	438,820	- 9	+ 1
Condensed whole (case goods).....	6,605	8,192	7,572	+ 15	- 8
Dry milk:					
Dry whole milk.....	17,411	14,313	12,783	- 27	- 11
Nonfat dry milk (human food):					
Spray process.....	91,625	92,146	95,882	+ 5	+ 4
Roller process.....	27,566	26,361	18,028	- 35	- 32
Total.....	119,191	118,507	113,910	- 4	- 4
Dry skim milk (animal feed).....	2,970	1,896	1,502	- 49	- 21
Dry buttermilk.....	9,582	5,924	7,128	- 26	+ 20

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.

(Continued from page 1)

earlier but 26 percent below the August 31 average. Stocks of dry skim milk for animal feed held by reporting manufacturers on August 31 equaled 1,502,000 pounds -- a decline of 21 percent from a year earlier and 49 percent from the average.

Total sales of nonfat dry milk for August, as shown by reporting manufacturers, totaled 82,977,000 pounds, down 12 percent from the preceding month but up 2 percent from a year earlier. Manufacturers' sales of dry whole milk were reported at 6,794,000 pounds -- 9 percent above the previous month, but 14 percent below August 1956. Dry buttermilk sales during August, at 2,893,000 pounds, declined 12 percent from the preceding month but increased 3 percent from a year earlier. Dry buttermilk sold for human food represented 73 percent of total dry buttermilk sales during August.

Manufacturers' selling prices of all nonfat dry milk during August averaged 15.30 cents per pound -- up one-tenth cent from the previous month and two-tenths cent from a year earlier. August prices of spray-dried nonfat milk averaged 15.51 cents per pound, an increase of one-tenth cent from both the preceding month and a year earlier. Roller-dried nonfat milk averaged 13.74 cents per pound, two-tenths cent and three-tenths cent more, respectively, than the previous month and August 1956.

Sales of dry whole milk by manufacturers during August averaged 41.24 cents per pound, an advance of 1.4 cents from the preceding month and 2.3 cents from a year earlier. In 1-2½ pound packages, prices averaged 46.01 cents per pound, up 1.1 cents from the previous month and 3.6 cents from August, 1956. Prices of 5-pound packages averaged 40.97 cents per pound -- 1.0 cent and 2.0 cents more, respectively, than the preceding month and a year earlier. In miscellaneous large packages, mostly barrels and drums, prices averaged 32.46 cents per pound, one-half cent higher than the previous month but two-thirds cent lower than August 1956.

Combining both human food and animal feed, the August price of dry buttermilk averaged 12.49 cents per pound -- down two-thirds cent from the preceding month and one-fourth cent from a year earlier. Selling prices of dry skim milk for animal feed in August averaged 10.24 cents per pound, an increase of two-tenths cent from the previous month and three-tenths cent from a year earlier.

U. S. Department of Agriculture purchases of nonfat dry milk for price support in September through the 26th totaled 20,941,000 pounds. August purchases were 39,534,000 pounds and for the marketing year beginning April 1, 1957 through September 26, purchases totaled 411,500,000 pounds. In addition, Section 32 purchases in September through the 26th totaled 2,701,000 pounds and August purchases were 17,649,000 pounds. These are the first purchases under Section 32 for several years. The Government held 80,913,000 pounds of uncommitted supplies of nonfat dry milk on September 25. There have been no sales of nonfat dry milk back to the trade for domestic human food use in the marketing year beginning April 1, 1957. The Department sold 510,000 pounds of nonfat dry milk for animal and poultry feed in September through the 25th, 2,454,000 pounds for the month of August and 9,728,000 pounds from April 1, 1957 through September 25.

EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for August was 217,300,000 pounds, lowest for the month since 1939, down 7 percent from a year earlier and 12 percent from the 1951-55 August average, the Agricultural Marketing Service reports. During the first 8 months of 1957, output totaled 1,858,500,000 pounds, a decline of 2 percent from the same period of 1956.

August production of canned condensed whole milk was 3,250,000 pounds, a decline of 51 percent from a year earlier, but a gain of 3 percent from the 5-year average for the month. Cumulative production for the first 8 months of the year totaled 42,905,000 pounds, a gain of 8 percent from the same months of 1956.

Manufacturers' stocks of evaporated milk on August 31 were 438,820,000 pounds, a gain of 1 percent from a year earlier, but a decline of 9 percent from the 5-year average for the date. Stocks of canned condensed whole milk totaled 7,572,000 pounds, a decline of 8 percent from a year earlier but a gain of 15 percent from the 1951-55 average.

Selling prices of canned evaporated milk during August averaged \$6.06 per case of 48 14½-oz. cans, unchanged from the preceding month but 13 cents higher than that of a year earlier. All regions were unchanged from the preceding month. Compared with a year earlier, gains in price by regions ranged from 11 cents in the New England and South Atlantic area to as high as 16 cents in the North Western area.

Prices paid by condenseries for milk f.o.b. plant during August averaged \$3.28 per hundredweight for milk testing 3.99 percent milkfat or an average of 82 cents per pound of milkfat. This price per pound of milkfat is unchanged both from the preceding month and a year earlier. Prices per pound of milkfat by States ranged from a low of 74 cents in Kentucky to as high as 90 cents in Idaho and California.

Milk purchases by condenseries during August totaled 576,784,000 pounds and were made from approximately 121,000 producers. The average daily purchases per producer were 153.8 pounds, a gain of between 3 and 4 percent from a year earlier and 17 percent from the 5-year average for the month.