

EVAPORATED, CONDENSED, AND DRY MILK  
REPORT FOR JULY 1959

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PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production during July is estimated at 235,200,000 pounds, the Crop Reporting Board reports. This is 6 percent less than the July output last year, 9 percent below the 1953-57 average, and the smallest production for the month in 2 decades. Cumulative output during the first 7 months of 1959 totaled 1,449,500,000 pounds, down 1 percent from the same period in 1958.

July production of canned sweetened condensed whole milk totaled 6,160,000 pounds, 22 percent higher than the same month last year and 53 percent above average. Output in 1959 through July was 36,750,000 pounds, 6 percent more than in the first 7 months of 1958.

DRY MILK: July production of all major dry milk products except roller-dried nonfat for human food was smaller than a year earlier, the Crop Reporting Board reports. Compared with July 1958, output of total nonfat dry milk for human food was down 4 percent; dry whole milk declined 12 percent; dry buttermilk dropped 13 percent; and dry skim milk for animal feed was down 3 percent.

Production of total nonfat dry milk for human food (spray and roller process combined) during July is estimated at 146,600,000 pounds, off 4 percent from a year earlier but 14 percent above the 1953-57 July average. Cumulative production for the first 7 months of 1959 was 1,449,550,000 pounds, down 2 percent from the same period last year.

Spray-dried nonfat milk output in July was 134,000,000 pounds, 5 percent smaller than a year earlier but one-fifth larger than average. The 1,051,000,000 pounds produced during the first 7 months of 1959 was 1 percent less than the January through July output in 1958.

Production of roller-dried nonfat milk, at 12,600,000 pounds, was up 1 percent from July 1958 but down 28 percent from the 1953-57 average and the second smallest July output of record. Production during the first 7 months of 1959 totaled 98,550,000 pounds, 6 percent less than in the same period last year.

Dry whole milk output in July was 6,700,000 pounds, down 12 percent from a year earlier, 32 percent below average, and the smallest for the month since 1942. Cumulative production in 1959 through July at 51,400,000 pounds was off 4 percent from a year earlier.

July production of dry buttermilk was 6,100,000 pounds, a loss of 13 percent from July 1958 but a gain of 10 percent from average. During the first 7 months of 1959, output totaled 44,400,000 pounds, down 8 percent from the January through July period last year.

The 1,500,000 pounds of dry skim milk for animal feed produced in July was 3 percent less than a year earlier, 10 percent below average, and the smallest July output since 1948. Production in 1959 through July was 9,650,000 pounds, off 2 percent from that of the same 7 months of 1958.

#### STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers reported 333,008,000 pounds of evaporated whole milk on hand July 31. This was slightly less than their total stocks a year earlier but 22 percent below the end-of-July average and the smallest holdings for the date since 1946. Stocks of sweetened condensed whole milk at 5,715,000 pounds were down 22 percent from July 31 last year, 17 percent below average and the second smallest end-of-July holdings in 40 years of records.

Manufacturers' July selling prices of evaporated whole milk averaged \$6.15 per case of 48 1 $\frac{1}{2}$ -oz. cans. This was 1 cent per case below June but 4 cents per case above the July 1958 average. Compared with a month earlier, July prices advanced 2 cents per case in the East North Central States, were unchanged in the South Central and declined 4 cents in the North Western States. In the other sections of the country July prices averaged 1 to 2 cents per case lower than in June.

#### producers

Prices paid/by condenseries during July averaged \$3.88 per hundredweight for milk testing 3.19 percent milkfat or an average of 82 cents per pound of milkfat. By States, milkfat prices ranged from a low of 75 cents per pound in Alabama to a high of 92 cents in California.

Reporting condenseries for which historic data are available purchased 574,413,000 pounds of milk from approximately 100,000 producers in July. Average daily purchases per producer were 185.3 pounds, up 7 percent from a year earlier and up 20 percent from the 1953-57 average for the month.

DRY MILK: Manufacturers' stocks of all major dry milk products except spray-dried nonfat for human food on July 31 were smaller than a year earlier and the 1953-57 average for the date. Reporting manufacturers held 132,496,000 pounds of nonfat dry milk for human food at the end of July, 1 percent less than a year earlier and 5 percent below the July 31 average. Stocks of spray-dried nonfat milk totaled 118,299,000 pounds, up 5 percent from July 31, 1958 and 8 percent above average. End-of-July supplies of roller-dried nonfat milk in the hands of manufacturers were the smallest of record. Reported holdings were 14,197,000 pounds, off 34 percent from a year earlier and 51 percent from average.

Stocks of dry whole milk, at 7,490,000 pounds, were 26 percent below those of July 31 last year, 45 percent below the 1953-57 average and the smallest end-of-July holdings since 1941. Manufacturers held 6,940,000 pounds of dry buttermilk on July 31, 10 percent less than a year earlier and 18 percent below average. Stocks of dry skim milk for animal feed were 1,125,000 pounds, off 1 percent from July 31, 1958 and 43 percent from average.

Reporting manufacturers shipped smaller quantities of all major dry milk products, except dry skim milk for animal feed, during July 1959 than a year earlier. Aggregate shipments of nonfat dry milk for human food were 125,790,000 pounds, 10 percent less than in July 1958.

Total movement of dry whole milk at 4,680,000 pounds was down 18 percent from a year earlier and the smallest for July since 1942. Manufacturers' reports show 4,720,000 pounds of dry buttermilk were shipped during the month, 10 percent less than in July 1958. The 898,000 pounds of dry skim milk for animal feed moved by manufacturers represented an increase of 13 percent over July of the preceding year.

Manufacturers' selling prices of nonfat dry milk for human food during July averaged 13.59 cents per pound, up slightly from the preceding month but down fractionally from a year earlier. Prices of spray-dried nonfat milk averaged 13.71 cents per pound, practically the same as in June but 0.1 cent below July 1958. Roller-dried nonfat milk averaged 12.29 cents per pound compared with 12.25 cents in June and 12.19 cents per pound in July last year.

July selling prices of dry whole milk in all sizes of packages averaged 38.53 cents per pound, a 0.4-cent advance over both June 1959 and July 1958 prices. In 1-2½ pound packages, July prices averaged 43.64 cents per pound, practically unchanged from the preceding month but 0.7 cent below July of last year. In 5-pound packages dry whole milk averaged 41.36 cents per pound, up 1.7 cents from June and 1.8 cents above July 1958. In miscellaneous large packages, mostly barrels and drums, prices averaged 31.00 cents per pound, up 0.8 cent from the preceding month but only slightly above July last year.

Selling prices of dry buttermilk for human food and animal feed combined averaged 12.94 cents per pound in July. This was the same as the June average but 0.6 cent per pound higher than in July 1958. Dry skim milk for animal feed averaged 10.07 cents per pound, up 0.4 cent from the preceding month and 0.6 cent from a year earlier.

U. S. Department of Agriculture purchases of nonfat dry milk for price support and Section 32 purposes in August through the 26th totaled 54,464,000 pounds. July purchases were 44,348,000 pounds and for the 1959 marketing year April 1 through August 26th totaled 355,307,000 pounds. On August 26, the Department held 18,626,000 pounds of uncommitted supplies of nonfat dry milk. The Department sold 6,891,000 pounds of nonfat dry milk back to the trade for animal feed in August through the 26th, 4,315,000 pounds during the entire month of July and 21,795,000 pounds from April 1 through August 26.

Table 1.-Evaporated, condensed, and dry milk: Production, July 1959

Commodity	July 1958 <sup>1/</sup>	July 1959 <sup>1/</sup>			Jan.-July 1959	
		Total	Change from --		Total	Change from Jan.-July 1958
			July 1953-57 average	July 1958		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)...	249,700	235,200	- 9	- 6	1,449,500	- 1
Condensed whole (case goods)....	5,050	6,160	+53	+22	36,750	+ 6
<b>Dry milk:</b>						
Dry whole milk.....	7,650	6,700	-32	-12	51,400	+ 4
Nonfat dry milk (human food):						
Spray process.....	140,700	134,000	+20	- 5	1,051,000	+ 1
Roller process.....	12,500	12,600	-28	+ 1	98,550	- 6
Total.....	153,200	146,600	+14	- 4	1,149,550	- 2
Dry skim milk (animal feed).....	1,550	1,500	-10	+ 3	9,650	- 2
Dry buttermilk.....	7,000	6,100	+10	-13	44,400	- 8

<sup>1/</sup> Estimates subject to revision when enumerations are available for 1958.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks July 31, 1959 <sup>1/</sup>

Commodity	Average July 31, 1953-57	July 31, 1958 <sup>2/</sup>	July 31, 1959		
			Total	Change from--	
				July 31, 1953-57 av.	July 31, 1958
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)...	425,866	333,421	333,008	-22	0
Condensed whole (case goods)....	6,913	7,346	5,715	-17	-22
<b>Dry milk:</b>					
Dry whole milk.....	13,577	10,123	7,490	-45	-26
Nonfat dry milk (human food):					
Spray process.....	109,897	112,869	118,299	+ 8	+ 5
Roller process.....	29,165	21,614	14,197	-51	-34
Total.....	139,062	134,483	132,496	- 5	- 1
Dry skim milk (animal feed).....	1,980	1,136	1,125	-43	- 1
Dry buttermilk.....	8,494	7,718	6,940	-18	-10

<sup>1/</sup> Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.

<sup>2/</sup> Revised to include late reports.

Table 3.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, July 1959 1/

Price per pound <u>2/</u>	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk	
	Spray process <u>3/</u>	Roller process		Human food	Animal feed
<u>Cents</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
6 -6½	-	-	-	-	42,100
7 -7½	-	-	15,632	-	4,880
8 -8½	-	-	29,201	-	-
8½-9	-	-	14,836	-	20,478
9 -9½	-	-	110,487	-	93,395
9½-10	-	-	101,574	-	36,775
10 -10½	-	-	257,464	-	196,705
10½-11	-	-	83,603	-	177,499
11 -11½	-	167,050	178,736	-	89,085
11½-12	-	4,451,734	4,450	108,010	-
12 -12½	796,115	2,235,133	15,850	328,200	-
12½-13	13,422,113	2,276,609	-	312,950	-
13 -13½	31,967,634	923,510	-	482,265	-
13½-14	26,409,648	268,320	-	851,480	-
14 -14½	23,552,904	52,897	-	428,075	-
14½-15	1,578,930	225,360	-	376,460	-
15 -15½	2,380,987	9,640	-	25,550	-
15½-16	1,301,336	-	-	72,800	-
16 -16½	941,430	-	-	-	-
16½-17	-	-	-	76,050	-
17 -17½	1,074,873	-	-	12,500	-
17½-18	990,000	-	-	-	-
Dry whole milk <u>4/</u>					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	
26½-27½	-	-	63,000	63,000	
28½-29½	-	-	134,000	134,000	
29½-30½	-	-	568,110	568,110	
30½-31½	-	-	45,727	45,727	
31½-32½	-	-	419,500	419,500	
32½-33½	-	-	145,220	145,220	
33½-34½	-	-	136,275	136,275	
34½-35½	-	-	17,600	17,600	
35½-36½	-	44,490	-	44,490	
38½-39½	-	116,490	-	116,490	
39½-40½	333,090	18,040	-	351,130	
40½-41½	259,798	-	-	259,798	
41½-42½	-	503,130	-	503,130	
42½-43½	-	29,115	-	29,115	
43½-44½	-	21,960	-	21,960	
46½-47½	789,153	-	-	789,153	

- 1/ Excludes shipments for which prices were not reported. For total reported see table 4.  
2/ Classified according to average monthly prices reported by firms.  
3/ Excludes spray-dried nonfat milk sold in packages of retail size.  
4/ Includes some dry whole milk in special packages for export.

Table 4.-Dry milk: Manufacturers' reported shipments, July 1959 1/

Commodity	July 1958	June 1959	July 1959		
			Total	Change from--	
				July 1958	June 1959
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	5,742	6,720	4,680	-18	-30
Nonfat dry milk (human food):					
Spray process 2/.....	127,501	119,286	115,180	-10	- 3
Roller process.....	12,394	12,651	10,610	-14	-16
Total.....	139,895	131,937	125,790	-10	- 5
Dry skim milk (animal feed).....	793	829	898	+13	+ 8
Dry buttermilk:					
For human food.....	4,522	4,446	3,991	-12	-10
For animal feed.....	740	723	729	- 1	+ 1
Total.....	5,262	5,169	4,720	-10	- 9

1/ Includes shipments for which prices were not reported.

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

Table 5.-Dry milk: Manufacturers' average selling price per pound, f.o.b. plant, July 1959 1/

Month	Nonfat dry milk			Dry skim an. & dry skim	Nonfat	Dry buttermilk			Dry whole milk			Total
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and animal	1-2 1/2 pound pkgs.	5-pound pkgs.	Other pkgs. 2/	
	Cents	Cents	Cents			Cents	Cents	Cents	Cents	Cents	Cents	
July 1953-57	15.31	13.21	14.94	9.34	14.89	13.67	8.02	11.95	44.09	38.42	32.86	38.79
July 1958...	3/13.81	12.19	13.67	9.44	13.64	12.86	9.18	12.31	44.33	39.53	30.95	38.14
June 1959...	3/13.68	12.25	13.54	9.66	13.52	13.43	9.90	12.94	43.61	39.66	30.21	38.09
July 1959...	3/13.71	12.29	13.59	10.07	13.57	13.55	9.57	12.94	43.64	41.36	31.00	38.53

1/ Prices reported by firms weighted by their shipments to derive averages and segments also weighted by shipments to derive combined prices.

2/ Includes barrels and drums.

3/ Excludes spray-dried nonfat milk sold in packages of retail size.

Table 6.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1 1/2-oz. cans, in carlots, by geographic divisions, July 1959 1/

Geographic division	July 1958	June 1959	July 1959
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
New England.....	6.05	6.10	6.09
Middle Atlantic.....	6.02	6.06	6.05
South Atlantic.....	6.07	6.10	6.09
East North Central.....	6.02	6.06	6.08
West North Central.....	6.19	6.23	6.21
South Central.....	6.16	6.23	6.23
North Western.....	6.25	6.31	6.27
South Western.....	6.30	6.35	6.33
United States.....	6.11	6.16	6.15

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.

Table 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, July 1959 <sup>1/</sup>

State and division	July 1958			June 1959			July 1959		
	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. ....	3.02	3.68	.82	2.93	3.62	.81	3.02	3.64	.83
M.Atl. <sup>2/</sup>	3.02	3.68	.82	2.93	3.62	.81	3.02	3.64	.83
Md. ....	3.30	3.98	.83	3.46	3.87	.89	3.41	3.93	.87
Va. ....	3.22	4.24	.76	3.25	4.14	.79	3.26	4.16	.78
S.Atl. <sup>2/</sup>	3.22	4.20	.77	3.24	4.12	.79	3.25	4.15	.78
Ohio ....	3.18	3.83	.83	3.14	3.79	.83	3.16	3.80	.83
Ind. ....	3.21	3.87	.83	3.22	3.82	.84	3.26	3.82	.85
Ill. ....	3.01	3.60	.84	2.96	3.49	.85	3.08	3.58	.86
Mich. ....	3.05	3.68	.83	3.04	3.69	.82	3.06	3.70	.83
Wis. ....	3.09	3.60	.86	3.04	3.55	.86	3.10	3.59	.86
E.N.C. ..	3.11	3.69	.84	3.07	3.64	.84	3.12	3.67	.85
Mo. ....	3.32	4.24	.78	3.24	4.07	.80	3.30	4.15	.80
Kans. ....	3.21	4.00	.80	3.08	3.80	.81	3.13	3.89	.80
W.N.C. <sup>2/</sup>	3.19	3.94	.81	3.12	3.80	.82	3.20	3.90	.82
Ky. ....	3.23	4.27	.76	3.13	4.16	.75	3.22	4.18	.77
Tenn. ....	3.27	4.31	.76	3.25	4.23	.77	3.26	4.25	.77
Ala. ....	3.19	4.26	.75	3.08	4.15	.74	3.09	4.10	.75
Miss. ....	3.22	4.29	.75	3.25	4.22	.77	3.24	4.20	.77
Ark. ....	3.30	4.21	.78	3.20	4.09	.78	3.23	4.14	.78
S.Cent. <sup>2/</sup>	3.25	4.28	.76	3.20	4.18	.77	3.24	4.20	.77
Idaho ....	3.17	3.64	.87	3.17	3.59	.88	3.15	3.60	.88
Wash. ....	3.22	4.06	.79	3.22	4.08	.79	3.26	4.12	.79
N.W. <sup>2/</sup> ..	3.21	3.78	.85	3.21	3.74	.86	3.20	3.75	.85
Utah ....	2.82	3.33	.85	2.91	3.41	.85	2.91	3.40	.86
Calif. ...	3.23	3.74	.86	3.38	3.68	.92	3.38	3.69	.92
S.W. <sup>2/</sup> ..	3.17	3.68	.86	3.29	3.64	.90	3.30	3.64	.91
U.S. <sup>2/</sup> ..	3.17	3.92	.81	3.15	3.83	.82	3.19	3.88	.82

<sup>1/</sup> Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported.

<sup>2/</sup> Includes data for some States not shown separately.

Table 8.-Milk bought by condenseries: Quantity bought, and number of producers, July 1959 <sup>1/</sup>

Item	Average July 1953-57	July 1958 <sup>2/</sup>	July 1959
Milk bought from producers..... pounds	644,775,000	581,263,000	574,413,000
Producers..... number	135,000	108,000	100,000
Average per producer per day..... pounds	154.1	173.6	185.3
Change in purchases per producer:			
1959 from 1958..... percent	xxxx	xxxx	+ 6.7
1959 from 5-year average..... percent	xxxx	xxxx	+20.2

<sup>1/</sup> Reported milk purchases at those plants (or their receiving stations) with canning equipment for which historical data are available. 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.

<sup>2/</sup> Revised.

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Condensery-pay-price for Chicago Milk Marketing Order:

The average price per hundredweight reported paid to producers  
for the entire month by 12 Midwest condenseries for milk of  
3.5% fat content used in calculating class prices:

July 1959

\$2.933

Chicago Area Nonfat Dry Milk Price:

The average price per pound received f.o.b. plant in carlots  
covering the States of Illinois, Indiana, Michigan, Minnesota,  
and Wisconsin:

June 26-July 25, 1959

Spray 13.35¢  
Roller 11.94¢