

EVAPORATED, CONDENSED, AND DRY MILK  
REPORT FOR JUNE 1960

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EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk continued to lag below a year earlier for the 9th consecutive month, the Crop Reporting Board reports. The 246 million pounds produced during June were a 27-year low for the month, 9 percent less than June output last year and 16 percent less than the 1954-58 June average. Production in 1960 through June totaled 1,152 million pounds, down 5 percent from the same period of 1959.

In contrast, canned sweetened condensed whole milk output exceeded that of a year earlier for the 9th consecutive month. June production at 6.5 million pounds was 6 percent larger than last year, 62 percent above average and the second largest output for the month since 1949. During the first half of 1960, production totaled 35.4 million pounds, 13 percent more than in the January through June period in 1959.

DRY MILK: Output of all major dry milk products except roller-dried nonfat continued well above a year earlier in June, the Crop Reporting Board reports. Production of total nonfat dry milk for human food and dry buttermilk was at record high levels for the month. Compared with June 1959, total nonfat dry milk for human food was up 5 percent, dry whole milk jumped 16 percent, dry buttermilk rose 17 percent, and output of dry skim milk for animal feed increased 15 percent.

June production of spray-dried nonfat milk is estimated at 192.0 million pounds, gains of 7 percent from a year earlier and 24 percent from the 1954-58 average for the month. This was the eleventh consecutive month in which output set a new record high for the month. Output during the first half of 1960 totaled 998.6 million pounds, 7 percent more than in the same period last year.

Roller-dried nonfat milk production at 18.3 million pounds was down 8 percent from June, 1959 and one-third smaller than average. This was the first month since last October in which roller-dried nonfat output failed to exceed that of the same month the preceding year. Production in 1960 through June was 89.6 million pounds, up 8 percent from the first half of 1959.

Dry whole milk output totaled 10.3 million pounds, an increase of 16 percent from June last year but a decrease of 5 percent from the 1954-58 June average. Dry whole milk production has exceeded that of a year earlier every month since last September. January through June output totaled 59.0 million pounds, one-fifth more than in the same period last year.

The estimated 9.3 million pounds of dry buttermilk produced in June were a record high for the month, 17 percent above June 1959, and 32 percent above average. During the first half of 1960, output was 47.8 million pounds, up 14 percent from the same period of the preceding year. Production of skim milk for animal feed

continued on a high level in June and totaled 2.2 million pounds, 15 percent more than a year earlier and 5 percent more than average for the month. The 9.8 million-pound output in 1960 through June was 11 percent larger than that of the first half of 1959.

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

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held on June 30 by reporting manufacturers were the smallest for the date since 1946. The total holdings of 261.8 million pounds were down 9 percent from June 30, 1959 and one-fifth less than the 1954-58 end-of-June average. This marked the first time since last November that end-of-month holdings failed to exceed those of the same date a year earlier. Stocks of canned sweetened condensed whole milk on June 30 at 6.4 million pounds were the same as a year earlier but 10 percent below average for the date.

Manufacturers' selling prices of evaporated whole milk during June averaged \$6.31 per case of 48  $14\frac{1}{2}$ -oz. cans. This was a decline of 2 cents per case from the May average but an increase of 15 cents over the June 1959 price. Compared with the preceding month, June prices were down 3 cents per case in the East North Central, South Central and Northwestern States, and off 2 cents in the other sections of the country.

Prices paid producers by condenseries during June averaged \$3.19 per hundred-weight for milk testing an average of 3.84 percent milkfat or 83 cents per pound of milkfat. On the basis of milkfat, prices were unchanged from May but were up 1 cent per pound from June 1959.

Reporting condenseries for which historical data are available, purchased 593 million pounds of milk from approximately 94,000 producers during June. Average daily purchases per producer were 210.3 pounds, up 5 percent from a year earlier and 18 percent above average for the month.

DRY MILK: Reporting manufacturers continue to hold larger quantities of all major dry milk products that they held last year. However, except for spray-dried nonfat and dry buttermilk, June 30 stocks of dry milk products were down sharply from the 1954-58 average for the date. Holdings of total nonfat dry milk for human food (spray and roller process combined) were 158.3 million pounds, up 9 percent from a year earlier and 4 percent above average. At 139.0 million pounds, stocks of spray-dried nonfat milk were 7 percent larger than on June 30, 1959 and 11 percent more than the 5-year end-of-June average. Holdings of roller-dried nonfat at 19.3 million pounds were one-third larger than a year earlier but almost one-third smaller than average. Dry whole milk stocks totaled 7.5 million pounds, up 6 percent from June 30 last year but down 36 percent from the 5-year average for the date.

Holdings of dry buttermilk on June 30 were 11.0 million pounds, 51 percent more than on that date last year and 65 percent more than the end-of-June average. Stocks of dry skim milk for animal feed at 1.4 million pounds represented an increase of 28 percent from June 30, 1959 but a decrease of 11 percent from the 1954-58 end-of-June average.

Reporting manufacturers' shipments of all major dry products during June were up from a month earlier and movement of all except dry whole milk and dry skim milk for animal feed increased from June 1959. Compared with the preceding June, shipments of spray-dried nonfat milk for human food jumped 18 percent, roller-dried nonfat rose 3 percent, and dry buttermilk was up 1 percent. On the other hand, movement of dry skim milk for animal feed dropped 8 percent and dry whole milk declined 3 percent.

Manufacturers' selling prices of nonfat dry milk for human food averaged 13.51 cents per pound in June, practically the same as both a month earlier and June 1959. Spray-dried nonfat milk at 13.59 cents per pound compared with 13.58 cents in May, and 13.68 cents in June last year. Roller-dried nonfat averaged 12.61 cents per pound, gains of 0.1 cent from the preceding month and 0.4 cent from June 1959.

June selling prices of dry whole milk in all sizes of packages averaged 37.62 cents per pound. This was 0.7 cent per pound above the May average but 0.5 cent below the June price a year ago. The increase in June over May is due to a larger proportion of the total being sold in the higher-priced small packages, since prices of all package sizes declined during June. Prices of dry whole milk in 1-2½ pound packages averaged 44.97 cents per pound in June, a loss of 0.1 cent per pound from the preceding month but a gain of 1.4 cents from June last year. The June average price of 5-pound packages was 40.92 cents per pound, down 0.5 cent from May but up 1.3 cents per pound from June, 1959. Dry whole milk in miscellaneous large packages, mostly barrels and drums, averaged 29.63 cents per pound, losses of 0.2 cent from the preceding month and 0.6 cent per pound from June last year.

Manufacturers' selling prices of dry buttermilk for human food and animal feed combined averaged 12.84 cents per pound, practically the same as in May but down 0.1 cent from June 1959. Dry skim milk for animal feed at 10.32 cents per pound in June was 0.1 cent per pound higher than a month earlier and 0.7 cent above the June price last year.

U. S. Department of Agriculture purchases of nonfat dry milk for price support and Section 32 purposes in July through the 26th totaled 86.3 million pounds. June purchases were 84.1 million pounds and for the 1960 marketing year April 1 through July 26 totaled 388.5 million pounds. On July 20 the Department held 281.8 million pounds of uncommitted supplies of nonfat dry milk.

Table 1.-Evaporated, condensed, and dry milk: Production, June 1960

Commodity	June 1959 <sup>1/</sup>	June 1960 <sup>1/</sup>			Jan.-June 1960	
		Total	Change from--		Total	Change from Jan.-June 1959
			June 1954-58 average	June 1959		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)....	269,600	246,000	-16	- 9	1,152,000	- 5
Condensed whole (case goods).....	6,100	6,460	+62	+ 6	35,405	+13
<b>Dry milk:</b>						
Dry whole milk.....	8,900	10,300	- 5	+16	59,050	+20
<b>Nonfat dry milk (human food):</b>						
Spray process.....	180,200	192,000	+24	+ 7	998,600	+ 7
Roller process.....	19,800	18,300	-33	- 8	89,600	+ 8
Total.....	200,000	210,300	+15	+ 5	1,088,200	+ 7
Dry skim milk (animal feed).....	1,950	2,250	+ 5	+15	9,800	+11
Dry buttermilk.....	7,950	9,300	+32	+17	47,750	+14

<sup>1/</sup> Estimates subject to revision when enumerations are available for 1959.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks June 30, 1960 <sup>1/</sup>

Commodity	Average June 30, 1954-58	June 30, 1959 <sup>2/</sup>	June 30, 1960		
			Total	Change from--	
				June 30, 1954-58 av.	June 30, 1959
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)....	325,931	288,979	261,819	-20	- 9
Condensed whole (case goods).....	7,136	6,444	6,447	-10	0
<b>Dry milk:</b>					
Dry whole milk.....	11,682	7,055	7,474	-36	+ 6
<b>Nonfat dry milk (human food):</b>					
Spray process.....	124,870	130,319	138,985	+11	+ 7
Roller process.....	27,477	14,503	19,319	-30	+33
Total.....	152,347	144,822	158,304	+ 4	+ 9
Dry skim milk (animal feed).....	1,555	1,076	1,377	-11	+28
Dry buttermilk.....	6,678	7,319	11,029	+65	+51

<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, June 1960 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	-	-	7,274	-	-
7 -7½	-	-	4,760	-	-
7½-8	-	-	2,845	-	-
8 -8½	-	-	39,343	-	-
8½-9	-	-	15,497	-	21,663
9 -9½	-	-	48,126	-	164,710
9½-10	-	-	21,289	-	7,280
10 -10½	-	-	200,124	-	81,050
10½-11	-	-	127,653	-	31,952
11 -11½	-	50,020	229,988	-	312,180
11½-12	-	1,627,366	29,275	85,000	324,513
12 -12½	394,700	3,867,972	31,884	453,400	5,700
12½-13	20,395,548	2,068,990	-	877,500	4,600
13 -13½	59,535,042	4,762,735	-	739,258	-
13½-14	17,979,295	346,508	-	391,100	-
14 -14½	6,137,532	416,067	-	226,000	-
14½-15	4,164,769	331,685	-	394,990	-
15 -15½	9,228,840	-	-	24,500	-
15½-16	6,105,800	-	-	108,250	-
16 -16½	1,324,021	-	-	131,700	-
16½-17	1,525	-	-	-	-
17 -17½	304,030	-	-	5,100	-
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>	
25½-26½	-	-	798,260	798,260	
26½-27½	-	-	216,400	216,400	
27½-28½	-	-	506,350	506,350	
28½-29½	-	-	355,082	355,082	
29½-30½	-	-	43,179	43,179	
30½-31½	-	-	65,300	113,525	
31½-32½	-	48,225	61,250	61,250	
32½-33½	-	-	160,100	160,100	
33½-34½	-	-	136,892	136,892	
34½-35½	-	-	44,500	44,500	
35½-36½	-	-	-	342,540	
36½-37½	236,580	105,960	-	222,040	
37½-38½	222,040	-	-	64,175	
38½-39½	-	64,175	-	856,273	
39½-40½	-	856,273	-	1,099,125	
40½-41½	-	-	-	-	
41½-42½	-	-	-	-	
42½-43½	1,099,125	-	-	-	

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, June 1960 <sup>1/</sup>

Commodity	June 1959	May 1960	June 1960		
			Total	Change from--	
				June 1959	May 1960
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	6,720	6,350	6,487	- 3	+ 2
Nonfat dry milk (human food):					
Spray process <sup>2/</sup> .....	122,628	140,984	145,006	+18	+ 3
Roller process.....	13,265	10,725	13,657	+ 3	+27
Total.....	135,893	151,709	158,663	+17	+ 5
Dry skim milk (animal feed).....	851	656	779	- 8	+19
Dry buttermilk:					
For human food.....	4,552	3,315	4,310	- 5	+30
For animal feed.....	787	829	1,099	+40	+33
Total.....	5,339	4,144	5,409	+ 1	+31

<sup>1/</sup> Includes shipments for which prices were not reported.

<sup>2/</sup> 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, June 1960 <sup>1/</sup>

Month	Nonfat dry milk <sup>2/</sup>			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			Total
	Spray process	Roller process	Spray and roller			Human food	Animal feed	Human and animal	1- <sup>2</sup> / <sub>2</sub> pound pkgs.	5-pound pkgs.	Other pkgs. <sup>3/</sup>	
June 1954-58	Cents 15.03	Cents 13.01	Cents 14.71	Cents 9.74	Cents 14.67	Cents 13.50	Cents 8.33	Cents 12.14	Cents 44.30	Cents 38.93	Cents 31.87	Cents 38.69
June 1959... <sup>4/</sup>	13.68	12.25	13.54	9.66	13.52	13.43	9.90	12.94	43.61	39.66	30.21	38.09
May 1960... <sup>4/</sup>	13.58	12.49	13.50	10.20	13.49	13.44	10.60	12.87	45.10	41.40	29.82	36.90
June 1960... <sup>4/</sup>	13.59	12.61	13.51	10.32	13.49	13.37	10.76	12.84	44.97	40.92	29.63	37.62

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

<sup>2/</sup> Average of prices for shipments in bulk packages such as barrels, drums, and bags.

<sup>3/</sup> Includes barrels and drums.

<sup>4/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.

Table 6.-Evaporated whole milk: Manufacturers' average selling price per case of 48 14<sup>1</sup>/<sub>2</sub>-oz. cans, in carlots, by geographic divisions, June 1960 <sup>1/</sup>

Geographic division	June 1959	May 1960	June 1960
	Dollars	Dollars	Dollars
New England.....	6.10	6.24	6.22
Middle Atlantic.....	6.06	6.20	6.18
South Atlantic.....	6.10	6.26	6.24
East North Central.....	6.06	6.23	6.20
West North Central.....	6.23	6.41	6.39
South Central.....	6.23	6.42	6.39
North Western.....	6.31	6.52	6.49
South Western.....	6.35	6.57	6.55
United States.....	6.16	6.33	6.31

<sup>1/</sup> 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, June 1960 <sup>1/</sup>

State and division	June 1959			May 1960			June 1960		
	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. ....	2.93	3.62	.81	2.98	3.63	.82	2.99	3.63	.82
M.Atl. <sup>2/</sup>	2.93	3.62	.81	2.98	3.63	.82	2.99	3.63	.82
Md. ....	3.46	3.87	.89	3.23	3.84	.84	3.24	3.92	.83
Va. ....	3.25	4.14	.79	3.25	4.08	.80	3.26	4.11	.79
S.Atl. <sup>2/</sup>	3.24	4.12	.79	3.23	4.06	.80	3.23	4.11	.79
Ohio ....	3.14	3.79	.83	3.26	3.89	.84	3.25	3.85	.84
Ind. ....	3.22	3.82	.84	3.41	3.92	.87	3.43	3.90	.88
Ill. ....	2.96	3.49	.85	3.11	3.63	.86	3.07	3.58	.86
Mich. ...	3.04	3.69	.82	3.17	3.77	.84	3.16	3.75	.84
Wis. ....	3.04	3.55	.86	3.17	3.61	.88	3.14	3.58	.88
E.N.C. .	3.07	3.64	.84	3.20	3.72	.86	3.18	3.68	.86
Mo. ....	3.24	4.07	.80	3.29	4.09	.80	3.29	4.08	.81
Kans. ...	3.08	3.80	.81	3.07	3.74	.82	3.09	3.78	.82
W.N.C. <sup>2/</sup>	3.12	3.80	.82	3.20	3.83	.84	3.20	3.82	.84
Ky. ....	3.13	4.16	.75	3.15	4.13	.76	3.18	4.15	.77
Tenn. ...	3.25	4.23	.77	3.26	4.20	.78	3.26	4.19	.78
Ala. ....	3.08	4.15	.74	3.10	4.04	.77	3.10	4.04	.77
Miss. ...	3.25	4.22	.77	3.29	4.21	.78	3.26	4.16	.78
Ark. ....	3.20	4.09	.78	3.27	4.12	.79	3.25	4.08	.80
S.Cent. <sup>2/</sup>	3.20	4.18	.77	3.22	4.16	.77	3.23	4.16	.78
Idaho ...	3.17	3.59	.88	3.22	3.66	.88	3.20	3.60	.89
N.W. <sup>2/</sup>	3.21	3.74	.86	3.27	3.79	.86	3.25	3.75	.87
Utah ....	2.91	3.41	.85	2.93	3.46	.85	2.86	3.31	.86
Calif. ..	3.38	3.68	.92	3.22	3.68	.88	3.20	3.65	.88
S.W. <sup>2/</sup>	3.29	3.64	.90	3.17	3.64	.87	3.14	3.59	.87
U.S. <sup>2/</sup>	3.15	3.83	.82	3.21	3.86	.83	3.19	3.84	.83

<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, June 1960 <sup>1/</sup>

Item	Average June 1954-58	June 1959 <sup>2/</sup>	June 1960
Milk bought from producers..... pounds	671,962,000	596,173,000	593,023,000
Producers..... number	126,000	99,000	94,000
Average per producer per day..... pounds	177.8	200.7	210.3
Change in purchases per producer:			
1960 from 1959..... percent	xxxx	xxxx	+ 4.8
1960 from 5-year average..... percent	xxxx	xxxx	+18.3

<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 11 Midwest condenseries for milk of  
3.5% fat content used in calculating class prices:

June 1960  
\$3.000

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:

May 26-June 25, 1960  
Spray 13.29¢  
Roller 12.22¢