
EVAPORATED, CONDENSED AND DRY MILK

REPORT FOR AUGUST 1968

September 30, 1968

PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production in August 1968 is estimated at 134.5 million pounds by the Crop Reporting Board. This output was 4 percent less than a year earlier, 19 percent less than the 1962-66 average, and the lowest for the month since 1931. Production during the first eight months this year totaled 951 million pounds, 14 percent below the same period last year, and 27 percent below average.

August production of canned sweetened condensed whole milk was 8.1 million pounds--135 percent above a year earlier, but 11 percent less than average. The January through August total of 60 million pounds was 38 percent above the corresponding period last year.

DRY MILK: Production of spray and roller process nonfat dry milk in August was 120.3 million pounds, down 2 percent from a year earlier and 14 percent below average. Cumulative output for the first eight months was 1.2 billion pounds, a decrease of 3 percent from the same period in 1967, and 19 percent below average.

Dry whole milk production, at 4.6 million pounds, was down 2 percent from year earlier and 31 percent less than average. The January-August total, at 55 million pounds, was up 4 percent from the same period in 1967.

August dry buttermilk output totaled 5.4 million pounds--8 percent more than a year earlier, but 8 percent less than average. Cumulative data for the first eight months of 1968 totaled almost 54 million pounds--unchanged from the corresponding period last year.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' reported stocks of evaporated whole milk at the end of August were 193 million pounds--32 percent less than a year earlier and 23 percent below average. Holdings of canned sweetened condensed whole milk, at 3.0 million pounds, were 78 percent below August 31, 1967 and 63 percent below average for the date.

Note: See pages 8 to 10 for revised monthly prices paid farmers for milk used in the production of evaporated or canned condensed milk in 1967.

August prices paid by condenseries to producers averaged \$4.14 per hundredweight for milk having an average milkfat content of 3.75 percent. This is equivalent to \$1.10 per pound of milkfat--down 1 cent from the preceding month but 4 cents above August 1967.

Purchases of whole milk in August, as reported by condenseries for which historical data are available, totaled 262 million pounds from about 30,000 producers. The average daily purchase per producer was 284 pounds, compared with 250 pounds for August 1967.

Evaporated whole milk selling prices in August, as reported by manufacturers, averaged \$7.36 per case of forty-eight 14½ oz. cans--1 cent above a month earlier and 31 cents above August 1967.

DRY MILK: Manufacturers' stocks on August 31 of nonfat dry milk for human consumption totaled 128 million pounds--15 percent less than a year earlier, but 12 percent above average. Dry whole milk stocks were 10.1 million pounds, up 18 percent from a year earlier and 58 percent more than average. The inventory of dry buttermilk, at 3.1 million pounds, was 64 percent less than August 31 last year and 54 percent less than average.

Shipments during August of spray and roller process nonfat dry milk for human consumption totaled 117.7 million pounds--down 15 percent from July, but unchanged from a year earlier. Spray-dried nonfat movement was 116.7 million pounds, 99 percent of the combined shipments. Dry whole milk shipments were 5.0 million pounds--a drop of 1 percent from July and 11 percent below August last year. Shipments of dry buttermilk in August totaled 3.5 million pounds, 17 percent less than a month earlier and 37 percent less than August 1967.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 23.24 cents per pound in August, up 0.1 cent from the preceding month, up 3.4 cents from a year earlier and 7.6 cents above the August average. August dry buttermilk prices (human food and animal feed combined) averaged 22.42 cents per pound, up 0.6 cent from July and up 5.4 cents from a year earlier. Dry whole milk in all package and container sizes averaged 44.31 cents per pound, 0.4 cent more than a month earlier and 4.1 cents more than in August 1967.

Table 1.-Production of evaporated whole milk, United States

Month	1962-66 Average	1967	1968 <u>1/</u>	Change from --	
				1962-66 Av.	1967
	<u>Million pounds</u>			<u>Percent</u>	
January	127.0	104.6	96.2	-32	-18
February	124.3	103.6	85.6	-31	-17
March	145.6	120.8	96.4	-34	-20
April	166.9	148.6	125.4	-25	-16
May	205.2	170.3	146.7	-29	-14
June	200.4	172.0	138.4	-31	-20
July	175.1	152.6	138.0	-21	-10
August	165.7	139.6	134.5	-19	-4
<u>Eight-month total</u>	<u>1,310.2</u>	<u>1,112.1</u>	<u>951.2</u>	<u>-27</u>	<u>-14</u>
September	138.8	110.6			
October	130.3	95.6			
November	116.8	83.7			
December	127.1	91.0			
<u>Annual total</u>	<u>1,823.2</u>	<u>1,493.0</u>			

1/ Preliminary.

Table 2.-Production of nonfat dry milk (human food, total), United States

Month	1962-66 Average	1967	1968 <u>1/</u>	Change from --	
				1962-66 Av.	1967
	<u>Million pounds</u>			<u>Percent</u>	
January	172.0	134.4	128.0	-26	-5
February	166.7	129.3	128.8	-23	0
March	191.5	145.8	145.5	-24	0
April	206.3	174.5	169.8	-18	-3
May	238.0	192.6	189.2	-21	-2
June	227.5	203.3	188.2	-17	-7
July	171.6	159.9	152.1	-11	-5
August	139.4	122.8	120.3	-14	-2
<u>Eight-month total</u>	<u>1,513.0</u>	<u>1,262.6</u>	<u>1,221.9</u>	<u>-19</u>	<u>-3</u>
September	112.2	97.5			
October	117.1	98.5			
November	121.5	97.4			
December	152.5	118.9			
<u>Annual total</u>	<u>2,016.3</u>	<u>1,674.9</u>			

1/ Preliminary.

Table 3.-Evaporated, condensed, and dry milk: Production, August 1968, with comparisons

Commodity	August 1967 <u>1/</u>	August 1968 <u>2/</u>			Jan.-August 1968	
		Total	Change from--		Total	Change from Jan.-Aug. 1967
			August 1962-66 average	August 1967		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	139,605	134,500	-19	- 4	951,200	-14
Sweetened condensed whole (case goods)..	3,450	8,100	-11	+135	60,150	+38
Dry milk:						
Dry whole milk.....	4,704	4,600	-31	- 2	55,100	+ 4
Nonfat dry milk (human food):						
Spray process.....	120,364	118,000	-11	- 2	1,203,500	- 3
Roller process.....	2,434	2,300	-63	- 6	18,400	-32
Total.....	122,798	120,300	-14	- 2	1,221,900	- 3
Dry skim milk (animal feed)....	2,723	2,500	+30	- 8	18,400	-13
Dry buttermilk.....	4,996	5,400	- 8	+ 8	53,900	0

1/ Enumerations.

2/ Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks August 31, 1968, with comparisons 1/

Commodity	Average August 31, 1962-66	August 31, 1967 <u>2/</u>	August 31, 1968		
			Total	Change from---	
				August 31, 1962-66 av.	August 31, 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	250,679	281,751	192,762	-23	-32
Sweetened condensed whole (case goods)..	8,117	13,612	3,024	-63	-78
Dry milk:					
Dry whole milk.....	6,737	8,573	10,087	+58	+18
Nonfat dry milk (human food):					
Spray process.....	108,414	146,891	126,048	+16	-14
Roller process.....	6,109	4,062	2,302	-62	-43
Total.....	114,523	150,953	128,350	+12	-15
Dry skim milk (animal feed)....	1,395	3,269	1,439	+ 3	-56
Dry buttermilk.....	6,777	8,604	3,093	-54	-64

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

2/ Revised.

Table 5.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, August 1968 ^{1/}

Price per pound ^{2/}	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk ^{4/}
	Spray process ^{3/}	Roller process		Human food	Animal feed	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
7-7½	-	-	6,400	-	-	-
10-10½	-	-	20,100	-	-	-
11-11½	-	-	16,404	-	-	-
12-12½	-	-	1,650	-	-	-
13-13½	-	-	-	-	26,500	-
13½-14	-	-	27,925	-	-	-
14-14½	-	-	4,838	-	-	-
14½-15	-	-	4,000	-	-	-
15-15½	-	-	77,539	-	-	-
16-16½	-	-	6,135	-	6,700	-
16½-17	-	-	11,660	-	53,290	-
17-17½	-	-	43,420	-	10,100	-
17½-18	-	-	9,254	-	89,048	-
18-18½	-	-	5,583	-	30,900	-
18½-19	502,300	-	89,375	-	-	-
19-19½	1,192,750	-	88,680	-	-	-
19½-20	1,609,105	-	4,884	-	-	-
20-20½	2,593,780	144,250	302,937	30,000	-	-
20½-21	242,150	-	-	-	-	-
21-21½	143,800	-	-	68,100	-	-
21½-22	514,250	-	5,000	67,200	-	-
22-22½	1,463,752	44,098	-	138,200	-	-
22½-23	27,231,269	169,493	-	1,140,500	-	-
23-23½	18,298,376	437,000	-	477,855	-	-
23½-24	21,219,978	-	-	173,815	-	-
24-24½	6,490,834	5,500	-	65,000	-	-
24½-25	1,051,280	36,104	-	-	-	-
25-25½	5,984,562	50,900	-	23,100	-	-
25½-26	1,235,300	-	-	-	-	-
26-26½	1,245,722	-	-	105,100	-	-
26½-27	1,600	-	-	-	-	-
27-27½	1,771	-	-	-	-	-
32-32½	21,114	-	-	-	-	-
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37½-38½	-	-	-	-	-	90,200
38½-39½	-	-	-	-	-	875,175
39½-40½	-	-	-	-	-	1,098,135
40½-41½	-	-	-	-	-	1,369,290
41½-42½	-	-	-	-	-	169,935
42½-43½	-	-	-	-	-	209,200
44½-45½	-	-	-	-	-	118,325
47½-48½	-	-	-	-	-	199,700
51½-52½	-	-	-	-	-	54,106
57½-58½	-	-	-	-	-	347,121
65½-66½	-	-	-	-	-	167,490
70½-71½	-	-	-	-	-	225,222

- ^{1/} Excludes shipments for which prices were not reported. For total reported see table 6.
- ^{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 6.-Dry milk: Manufacturers' reported shipments, August 1968, with comparisons ^{1/}

Commodity	August 1967 ^{2/}	July 1968	August 1968		
			Total	Change from--	
				August 1967	July 1968
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk.....	5,693	5,109	5,047	-11	- 1
Nonfat dry milk (human food):					
Spray process ^{3/}	116,652	136,887	116,711	0	-15
Roller process.....	1,665	1,293	1,015	-39	-22
Total.....	118,317	138,180	117,726	- 0	-15
Dry skim milk (animal feed).....	997	723	897	-10	+24
Dry buttermilk:					
For human food.....	4,878	3,784	3,218	-34	-15
For animal feed.....	676	442	284	-58	-36
Total.....	5,554	4,226	3,502	-37	-17

^{1/} Includes shipments for which prices were not reported.

^{2/} Revised.

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

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, August 1968 with comparisons ^{1/}

Commodity	August 1962-66	August 1967	July 1968	August 1968
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	15.67	19.85	23.14	23.25
Roller process.....	15.01	19.49	22.34	22.58
Spray and roller.....	15.64	19.85	23.13	23.24
Dry skim animal feed.....	11.92	14.20	17.68	18.11
Nonfat and dry skim.....	15.61	19.80	23.10	23.21
Dry buttermilk:				
Human food.....	14.99	17.50	22.47	22.92
Animal feed.....	11.97	13.57	15.77	16.76
Human and animal.....	14.54	17.02	21.77	22.42
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	32.48	39.13	40.27	40.99
Total ^{5/}	37.27	40.22	43.89	44.31

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

^{2/} Average of prices for shipments in bulk packages such as barrels, drums, and bags.

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

^{4/} Includes barrels and drums.

^{5/} All size packages, including 1-2½ lb. pkgs. and 5-lb. pkgs.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1½-oz. cans, in carlots, by geographic divisions, August 1968, with comparisons ^{1/}

Geographic division	August 1967	July 1968	August 1968
	Dollars	Dollars	Dollars
New England.....	7.18	7.44	7.44
Middle Atlantic.....	6.97	7.24	7.24
South Atlantic.....	7.08	7.38	7.38
East North Central.....	6.93	7.24	7.25
West North Central.....	7.01	7.27	7.27
South Central.....	7.12	7.42	7.43
North Western ^{2/}	7.35	7.69	7.81
South Western ^{3/}	6.98	7.28	7.29
United States.....	7.05	7.35	7.36

^{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.

^{2/} Includes Montana, Wyoming, Idaho, Washington, and Oregon.

^{3/} Includes Colorado, New Mexico, Arizona, Nevada, Utah, and California.

Table 9.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, August 1968, with comparisons ^{1/}

State and division	August 1967 ^{2/}			July 1968 ^{3/}			August 1968 ^{3/}		
	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
Md.	4.17	3.90	1.07	4.27	3.80	1.12	4.29	3.85	1.11
Va.	3.99	3.97	1.01	4.11	3.87	1.06	4.14	3.91	1.06
S.Atl. ^{4/}	4.10	4.01	1.02	4.18	3.90	1.07	4.21	3.94	1.07
Ohio.....	4.02	3.74	1.07	4.12	3.70	1.11	4.13	3.72	1.11
Ind.	4.09	3.70	1.11	4.35	3.64	1.20	4.39	3.71	1.18
Mich.	3.99	3.59	1.11	4.14	3.47	1.19	4.20	3.54	1.19
Wis.	4.14	3.58	1.16	4.34	3.56	1.22	4.36	3.56	1.22
E.N.C. ^{4/}	4.04	3.64	1.11	4.21	3.59	1.17	4.24	3.61	1.17
Mo.	3.99	3.85	1.04	4.17	3.88	1.07	4.06	3.79	1.07
Kans.	3.83	3.51	1.09	3.93	3.65	1.08	3.96	3.67	1.08
W.N.C. ..	3.95	3.78	1.04	4.15	3.86	1.08	4.05	3.78	1.07
Ky.	4.00	3.99	1.00	3.97	3.76	1.06	4.02	3.84	1.05
Tenn.	4.04	4.04	1.00	3.99	3.85	1.04	4.05	3.93	1.03
Miss.	4.07	4.11	.99	4.04	3.89	1.04	4.23	3.98	1.06
Ark.	4.01	3.86	1.04	4.02	3.68	1.09	4.04	3.72	1.09
S.Cent.	4.02	4.00	1.00	3.99	3.79	1.05	4.05	3.87	1.05
Calif. ...	3.94	3.59	1.10	4.21	3.57	1.18	4.25	3.61	1.18
S.W. ^{4/} ..	3.97	3.54	1.12	4.14	3.53	1.17	4.19	3.58	1.17
U.S. ^{4/} ..	4.02	3.81	1.06	4.11	3.70	1.11	4.14	3.75	1.10

^{1/} Prices f.o.b. plant for milk of actual milkfat content as reported.

^{2/} Revised.

^{3/} Preliminary.

^{4/} Includes data for some regions and/or States not shown separately.

Table 11.-Milk bought by condenseries: Quantity bought, and number of producers, August 1968, with comparisons 1/

Item	Average August 1962-66	August 1967 2/	August 1968
Milk bought from producers pounds	414,389,000	302,864,000	261,832,000
Producers number	60,000	39,000	30,000
Average per producer per day pounds	222.8	250.2	284.2
Change in purchases per producer:			
1968 from 1967 percent	xxxxx	xxxxx	+13.6
1968 from 5-year average percent	xxxxx	xxxxx	+27.6

1/ 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.

2/ Revised.

Table 12.-USDA Nonfat Dry Milk Purchases as Reported by ASCS
- Delivery basis -

Nonfat dry milk	August 1968	Cumulative	
		April 1, 1967- August 31, 1967	April 1, 1968- August 31, 1968
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>
Purchases	45.0	341.6	304.8

Uncommitted inventories on September 13, 1968 totaled 204.7 million pounds.

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