

EVAPORATED, CONDENSED AND DRY MILK

JUNE 1969

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PRODUCTION

EVAPORATED AND CONDENSED MILK: Evaporated whole milk production in June 1969 was up about 5 percent from a year earlier, but down 14 percent from June 1967, according to the Crop Reporting Board. The output of 147.5 million pounds was, except for 1968, the lowest for the month since 1925. Production during the first half of this year totaled 742.8 million pounds, 9 percent above the same period last year, but 9 percent below 1967.

June production of canned sweetened condensed whole milk was 6.1 million pounds, 28 percent less than a year earlier, but equal to June 1967. The January-June total of 37.6 million pounds was down 11 percent from 1968, but 16 percent above 1967.

DRY MILK: Production of nonfat dry milk in June was 7 percent below a year earlier and 12 percent less than June 1967. Output of 178.5 million pounds was the lowest for the month since 1955. Cumulative production for the first six months of 1969, at 862.9 million pounds, is 9 percent below the comparable period last year and 12 percent below 1967.

Dry whole milk production is estimated at 8.4 million pounds, 18 percent less than a year earlier, but 21 percent more than June 1967. The 1969 total through June was 42 million pounds, 20 percent below 1968, but 1 percent above the first half of 1967.

June dry buttermilk output was 6.5 million pounds--8 percent less than a year earlier and 12 percent below the same month in 1967. The six-months total of 38.8 million pounds was 1 percent above 1968, but 10 percent below the same period in 1967.

NOTE: See pages 7 to 9 for revised monthly production data on dry milk, and evaporated and condensed whole milk (case goods), for 1967, 1968 and 1969. Revised prices paid for milk used in the production of evaporated and canned condensed milk in 1968 will be published in a later issue.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' stocks of evaporated whole milk on June 30, at 151.6 million pounds, were up 2 percent from a year earlier, but one-third less than on this date in 1967. Holdings of canned sweetened condensed whole milk were 3.9 million pounds, 17 percent below June 30, 1968 and 65 percent below the end of June 1967.

Prices paid by condenseries to producers during June averaged \$4.28 per hundred-weight for milk having an average milkfat content of 3.67 percent. This is equivalent to \$1.17 per pound of milkfat--up 1 cent from May and 5 cents above June 1968.

Condenseries reported 23⁴ million pounds of whole milk purchased in June from about 26,000 producers. The average daily purchase per producer was 295 pounds compared with 314 pounds in June 1968.

June evaporated whole milk selling prices reported by manufacturers averaged \$7.51 per case of forty-eight 1⁴/₂ oz. cans--up 1 cent from the preceding month and 18 cents above June 1968.

DRY MILK: Manufacturers' stocks of nonfat dry milk for human food on June 30, 1969 were 7 percent below a year earlier and 13 percent below 1967, totaling 137 million pounds. Dry whole milk stocks were 8 million pounds, about one-third less than a year earlier and 15 percent below June 30, 1967. Dry buttermilk inventory, at 7.6 million pounds, was 80 percent more than at the close of June last year, but 37 percent less than two years earlier.

June shipments of nonfat dry milk (human food) were 12 percent below 1968 and 21 percent below 1967. Spray-dried nonfat shipments, excluding retail size packages accounted for 117.5 million pounds of the 118.8 million pounds reported. Dry whole milk shipments of 5.3 million pounds were up 1 percent from a year earlier, but down 6 percent from June 1967. Dry buttermilk shipments totaled 4.1 million pounds, 14 percent below June 1968 and 24 percent below 1967.

Selling prices of nonfat dry milk averaged 23.46 cents per pound in June, up 0.1 cent from May, up 0.4 cent from a year earlier and 3.5 cents above June 1967. June dry buttermilk prices (human food and animal feed) averaged 22.92 cents per pound, down 0.1 cent from the preceding month, but 1.2 cents above a year earlier and 5.8 cents above two years earlier. Dry whole milk in all package and container sizes averaged 43.59 cents per pound, 0.4 cent more than a month earlier, but 0.1 cent less than in June 1968.

Table 1.--Evaporated, condensed, and dry milk: Production, shipments, and stocks, June 1969, with comparisons

Commodity	PRODUCTION									
	June					January - June				
	1967	1968	1969 1/	1969 Change from 1967	1968	1967	1968	1969 1/	1969 Change from 1967	1968
	--- 1,000 lbs. ---		Percent		--- 1,000 lbs. ---		Percent			
CANNED MILK (case goods):										
Evaporated whole	171,990	141,092	147,500	-14	+ 5	819,953	684,353	742,800	- 9	+ 9
Sweetened condensed whole	6,094	8,531	6,100	0	-28	32,406	42,210	37,550	+16	-11
DRY MILK:										
Whole	6,921	10,253	8,400	+21	-18	41,558	52,378	42,000	+ 1	-20
Nonfat (human food)										
Spray process	199,060	188,474	175,500	-12	- 7	961,219	931,761	849,500	-12	- 9
Roller process	4,777	2,806	3,000	-37	+ 7	21,481	13,248	13,400	-38	+ 1
Total	203,837	191,280	178,500	-12	- 7	982,700	945,009	862,900	-12	- 9
Skim (animal feed)	3,576	2,473	2,300	-36	- 7	15,393	13,522	12,300	-20	- 9
Buttermilk (total)	7,374	7,089	6,500	-12	- 8	42,926	38,365	38,800	-10	+ 1
Commodity	SHIPMENTS 2/					STOCKS 3/				
	June					June 30				
	1967	1968	1969 1/	1969 Change from 1967	1968	1967	1968	1969 1/	1969 Change from 1967	1968
	--- 1,000 lbs. ---		Percent		--- 1,000 lbs. ---		Percent			
CANNED MILK (case goods):										
Evaporated whole	xxx	xxx	xxx	xxx	xxx	228,626	149,082	151,637	-34	+ 2
Sweetened condensed whole	xxx	xxx	xxx	xxx	xxx	10,989	4,681	3,891	-65	-17
DRY MILK:										
Whole	5,589	5,197	5,273	- 6	+ 1	9,391	11,521	7,992	-15	-31
Nonfat (human food)										
Spray process	4/147,344	4/134,510	4/117,539	-20	-13	152,452	145,999	135,435	-11	- 7
Roller process	2,220	943	1,242	-44	+32	4,426	1,679	1,618	-63	- 4
Total	149,564	135,453	118,781	-21	-12	156,878	147,678	137,053	-13	- 7
Skim (animal feed)	1,218	784	618	-49	-21	2,472	1,267	1,801	-27	+42
Buttermilk (human food)	4,902	4,552	3,840	-22	-16	xxx	xxx	xxx	xxx	xxx
Buttermilk (total)	5,401	4,827	4,128	-24	-14	11,952	4,210	7,580	-37	+80

1/ Preliminary.

2/ Includes shipments for which prices were not reported.

3/ Reported stocks held by manufacturers at all points, including those in transit and contracted for but not delivered.

4/ Excludes retail size packages.

Table 2.--Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, June 1969 ^{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					
5-5½	-	-	1,296	-	-	-
9-9½	-	-	3,550	-	-	-
10-10½	-	-	10,435	-	-	-
11-11½	-	-	1,000	-	-	-
12-12½	-	-	4,450	-	-	-
13½-14	-	-	69,687	-	-	-
14-14½	-	-	43,750	-	-	-
14½-15	-	-	1,000	-	-	-
15-15½	-	-	87,165	-	-	-
16-16½	-	-	-	-	33,000	-
16½-17	-	-	59,444	-	129,900	-
17-17½	-	-	50,300	-	18,650	-
17½-18	-	-	3,402	-	-	-
18-18½	-	-	11,102	-	-	-
18½-19	-	-	134,100	-	-	-
19-19½	1,230,200	-	75,263	-	4,200	-
19½-20	1,319,600	-	12,970	-	-	-
20-20½	-	116,260	10,200	-	2,475	-
20½-21	182,440	-	-	86,900	-	-
21-21½	-	-	-	84,900	-	-
21½-22	-	242,950	-	-	-	-
22-22½	640,310	72,220	-	20,000	-	-
22½-23	36,360,628	-	-	477,400	-	-
23-23½	17,550,709	636,300	-	743,677	-	-
23½-24	13,527,443	-	-	943,450	-	-
24-24½	12,528,983	-	-	225,372	-	-
24½-25	4,247,205	-	-	134,120	-	-
25-25½	10,355,202	41,655	-	27,200	-	-
25½-26	922,354	-	-	-	-	-
26-26½	22,650	-	-	35,000	-	-
26½-27	14,700	-	-	86,825	-	-
27-27½	10,545	-	-	-	-	-
28-28½	40,334	6,100	-	-	-	-
30½-31	2,450	-	-	-	-	-
32-32½	11,071	-	-	-	-	-
37½-38½	-	-	-	-	-	118,000
38½-39½	-	-	-	-	-	1,324,400
39½-40½	-	-	-	-	-	328,700
40½-41½	-	-	-	-	-	2,013,460
41½-42½	-	-	-	-	-	307,000
43½-44½	-	-	-	-	-	77,250
45½-46½	-	-	-	-	-	6,375
47½-48½	-	-	-	-	-	231,758
48½-49½	-	-	-	-	-	124,500
50½-51½	-	-	-	-	-	12,280
65½-66½	-	-	-	-	-	222,400
68½-69½	-	-	-	-	-	308,000

^{1/} Excludes shipments for which prices were not reported. For total reported see table 1.

^{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 3.--Dry milk: Manufacturers' average selling price per pound f.o.b. plant, June 1969, with comparisons 1/

Commodity	June 1967	June 1968	May 1969	June 1969
Cents				
Nonfat Dry Milk <u>2/</u>				
Spray process <u>3/</u>	19.93	23.06	23.42	23.47
Roller process	19.53	22.61	22.64	22.53
Spray and roller	19.92	23.06	23.41	23.46
Dry skim animal feed	13.92	17.46	15.29	16.61
Nonfat and dry skim	19.87	23.03	23.36	23.42
Dry buttermilk:				
Human food	17.43	22.09	23.53	23.38
Animal feed	13.83	15.96	16.81	16.75
Human and animal	17.10	21.74	23.00	22.92
Dry whole milk:				
Pkgs. over 5 lbs. <u>4/</u>	38.27	40.15	40.56	40.85
Total <u>5/</u>	38.27	43.69	43.23	43.59

- 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 4.--Evaporated whole milk: Manufacturers' average selling price per case of 48 14½-oz. cans, in cartons, by geographic divisions, June 1969, with comparisons 1/

Geographic division	June 1968	May 1969	June 1969
Dollars			
New England	7.44	7.54	7.56
Middle Atlantic	7.24	7.34	7.35
South Atlantic	7.38	7.49	7.50
East North Central	7.24	7.48	7.49
West North Central	7.27	7.52	7.53
South Central	7.42	7.53	7.54
North Western <u>2/</u>	7.57	7.88	7.88
South Western <u>3/</u>	7.27	7.43	7.41
United States	7.33	7.50	7.51

- 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 5.--Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, June 1969, with comparisons ^{1/}

State and division	June 1968			May 1969			June 1969		
	Milk price	Milkfat		Milk price	Milkfat		Milk price	Milkfat	
	per 100 pounds	Test	Price per pound	per 100 pounds	Test	Price per pound	per 100 pounds	Test	Price per pound
	Dollars	Percent	- Dollars -	Percent	- Dollars -	Percent	Dollars	Percent	Dollars
Mi.	4.28	3.82	1.12	4.26	3.81	1.12	4.27	3.83	1.11
Va.	4.00	3.80	1.05	4.08	3.71	1.10	4.11	3.77	1.09
S. Atl. ^{2/}	4.13	3.85	1.07	4.19	3.78	1.11	4.21	3.85	1.09
Ohio	4.13	3.71	1.11	4.23	3.73	1.13	4.22	3.68	1.15
Ind.	4.36	3.68	1.18	4.50	3.73	1.21	4.52	3.68	1.23
Mich.	4.14	3.49	1.19	4.32	3.68	1.17	4.29	3.59	1.19
Wis.	4.39	3.58	1.23	4.65	3.58	1.30	4.67	3.57	1.31
E.N.C. ^{2/}	4.23	3.59	1.18	4.41	3.66	1.20	4.40	3.60	1.22
Mo.	4.06	3.68	1.10	4.23	3.63	1.17	4.33	3.68	1.18
Kans.	4.00	3.69	1.08	4.23	3.57	1.18	4.38	3.64	1.20
W.N.C.	4.06	3.68	1.10	4.23	3.62	1.17	4.34	3.68	1.18
Ky.	3.99	3.76	1.06	4.08	3.69	1.11	4.08	3.71	1.10
Tenn.	4.02	3.85	1.04	4.13	3.81	1.08	4.13	3.80	1.09
Miss.	4.09	3.86	1.06	4.25	3.85	1.10	4.24	3.84	1.10
Ark.	4.01	3.63	1.10	4.25	3.57	1.19	4.30	3.59	1.20
S. Cent. ...	4.01	3.78	1.06	4.14	3.72	1.11	4.15	3.73	1.11
Calif.	4.22	3.58	1.18	4.36	3.60	1.21	4.37	3.60	1.21
S.W. ^{2/} ...	4.15	3.55	1.17	4.34	3.60	1.21	4.34	3.60	1.21
U.S. ^{2/} ...	4.12	3.68	1.12	4.26	3.67	1.16	4.28	3.67	1.17

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

^{2/} Includes data for some regions and/or States not shown separately.

Table 6.--Dry milk production

Month	Nonfat dry milk - spray process					
	1967	1968	1968	Change in		
				1967	1968	
	- - - - 1,000 lb. - - - -			- - - Percent - - -		
January.....	131,752	123,705	116,500	-12	- 6	
February.....	127,060	124,676	111,000	-13	-11	
March.....	143,072	141,262	129,000	-10	- 9	
April.....	171,267	164,135	144,000	-16	-12	
May.....	189,008	189,509	173,500	- 8	- 8	
June.....	199,060	188,474	1/175,500	-12	- 7	
July.....	156,922	150,427				
August.....	120,619	118,090				
September.....	95,681	88,558				
October.....	97,061	88,202				
November.....	96,111	88,550				
December.....	117,296	114,465				
Total.....	1,644,909	1,580,053				
	Nonfat dry milk - roller process					
	- - - - 1,000 lb. - - - -			- - - Percent - - -		
January.....	2,884	1,755	1,800	-38	+ 3	
February.....	2,498	1,706	1,750	-30	+ 3	
March.....	3,192	1,830	1,950	-39	+ 7	
April.....	3,831	2,299	2,200	-57	- 4	
May.....	4,299	2,852	2,700	-37	- 5	
June ..	4,777	2,806	1/3,000	-37	+ 7	
July.....	3,259	2,785				
August.....	2,434	2,330				
September.....	1,922	1,535				
October.....	1,553	1,400				
November.....	1,350	1,429				
December.....	1,742	1,635				
Total.....	33,741	24,362				
	Total nonfat dry milk - human food					
	- - - - 1,000 lb. - - - -			- - - Percent - - -		
January.....	134,636	125,460	118,300	-12	- 6	
February.....	129,558	126,382	112,750	-13	-11	
March.....	146,264	143,092	130,950	-10	- 8	
April.....	175,098	166,434	146,200	-17	-12	
May.....	193,307	192,361	176,200	- 9	- 8	
June.....	203,837	191,280	1/178,500	-12	- 7	
July.....	160,181	153,212				
August.....	123,053	120,420				
September.....	97,603	90,093				
October.....	98,614	89,602				
November.....	97,461	89,979				
December.....	119,038	116,100				
Total.....	1,678,650	1,604,415				

1/ Preliminary.

Table 6.--Dry milk production--Cont.

Month	Skim milk - animal feed			Change in 1969 from	
	1967	1968	1969	1967	1968
	1,000 lb.			Percent	
January.....	2,277	2,140	2,200	- 3	+ 3
February.....	1,909	1,945	1,900	0	- 2
March.....	2,458	1,989	1,500	-39	-25
April.....	2,484	2,255	2,000	-19	-11
May.....	2,689	2,720	2,400	-11	-12
June.....	3,576	2,473	1/2,300	-36	- 7
July.....	3,075	2,472			
August.....	2,723	2,431			
September.....	2,372	2,242			
October.....	2,442	2,238			
November.....	2,123	1,982			
December.....	2,201	2,110			
Total.....	30,329	26,997			
	Total dry whole milk				
	1,000 lb.			Percent	
January.....	6,051	7,657	6,100	- 1	-20
February.....	5,433	6,869	5,400	- 1	-21
March.....	6,676	8,016	6,600	- 1	-18
April.....	7,817	8,105	4,600	-41	-43
May.....	8,660	11,478	10,900	+26	- 5
June.....	6,921	10,253	1/8,400	+21	-18
July.....	6,560	7,724			
August.....	4,704	6,639			
September.....	4,336	6,093			
October.....	5,500	7,173			
November.....	5,701	6,891			
December.....	5,989	7,286			
Total.....	74,348	94,184			
	Dry buttermilk				
	1,000 lb.			Percent	
January.....	6,536	5,985	6,300	- 4	+ 5
February.....	6,794	5,994	5,900	-13	- 2
March.....	7,530	5,906	6,100	-19	+ 3
April.....	7,169	6,481	7,200	0	+11
May.....	7,523	6,910	6,800	-10	- 2
June.....	7,374	7,089	1/6,500	-12	- 8
July.....	5,913	6,214			
August.....	4,995	5,169			
September.....	4,072	4,561			
October.....	4,423	5,255			
November.....	4,939	5,149			
December.....	5,363	5,675			
Total.....	72,631	70,388			

1/ Preliminary.

Table 7.--Evaporated and condensed milk production

Case Goods

Month	Evaporated whole milk			Change in 1969 from	
	1967	1968	1969	1967	1968
	----- 1,000 lbs. -----			----- Percent -----	
January	104,616	86,951	96,000	- 8	+10
February	103,607	84,758	97,000	- 6	+14
March	120,838	96,315	109,100	-10	+13
April	148,607	126,706	135,700	- 9	+ 7
May	170,295	148,531	157,500	- 8	+ 6
June	171,990	141,092	<u>1/147,500</u>	-14	+ 5
July	152,614	137,670			
August	139,605	130,623			
September ...	110,608	107,238			
October	95,623	101,432			
November	83,733	88,719			
December	91,030	109,923			
Total	1,493,166	1,359,958			
	Sweetened condensed whole milk				
	----- 1,000 lbs. -----			----- Percent -----	
January	4,675	3,876	3,500	-25	-10
February	3,221	7,090	4,850	+51	-32
March	4,388	8,612	6,100	+39	-29
April	6,825	7,721	7,800	+14	+ 1
May	7,203	6,380	9,200	+28	+44
June	6,094	8,531	<u>1/6,100</u>	0	-28
July	7,596	8,806			
August	3,450	7,741			
September ...	3,513	6,619			
October	3,996	10,021			
November	5,734	7,534			
December	7,681	4,497			
Total	64,376	87,428			

1/ Preliminary.

Table 8.--Milk bought by condenseries: Quantity bought, and number of producers, June 1969, with comparisons ^{1/}

Item	June 1967	June 1968 ^{2/}	June 1969
Milk bought from producers..... pounds	345,968,000	287,120,000	233,679,000
Producers..... number	40,000	30,000	26,000
Average per producer per day..... pounds	288.1	314.5	295.4
Change in purchases per producer:			
1969 from 1968 percent	xxxxx	xxxxx	-6.1
1969 from 1967 percent	xxxxx	xxxxx	+2.5

^{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 9.--USDA Nonfat Dry Milk Purchases as Reported by ASCS
- Delivery basis -

Nonfat dry milk	June 1969	Cumulative	
		April 1, 1968- June 30, 1968	April 1, 1969- June 30, 1969
- - - - - <u>Million pounds</u> - - - - -			
Purchases	49.5	196.3	118.4

Uncommitted inventories on July 18, 1969 totaled 243.2 million pounds.

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