

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR JULY 1967

August 31, 1967

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk during July is estimated at 152 million pounds by the Crop Reporting Board. This output was 2 percent below a year earlier, 19 percent less than the 1961-65 July average, and the lowest production for the month since 1931. Production during the first seven months this year totaled 967 million pounds, 9 percent below the comparable period in 1966.

July production of canned sweetened condensed whole milk was 7.9 million pounds, about two-thirds that of a year earlier, and 7 percent more than the 5-year average for the month. January through July, output, at 39.1 million pounds, was down 45 percent from the corresponding period of 1966.

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

Month	Enumerations			Estimates	Change from--		
	1961-65 av.	1965	1966	1967	1961-65 av.	1966	
		Million pounds				Percent	
January	130.7	120.8	115.4	105.2	-20	- 9	
February	127.7	120.7	113.7	102.6	-20	-10	
March	153.1	132.5	142.2	119.8	-22	-16	
April	175.8	150.0	158.9	146.5	-17	- 8	
May	220.7	184.8	188.0	167.2	-24	-11	
June	212.7	182.5	191.7	173.3	-19	-10	
July	186.6	160.3	155.8	152.0	-19	- 2	
Seven-month total	1,207.3	1,051.6	1,065.7	966.6	-20	- 9	
August	171.3	149.9	160.3	:	:	:	
September	143.6	136.3	133.4	:	:	:	
October	133.2	123.7	123.6	:	:	:	
November	119.3	110.9	104.9	:	:	:	
December	130.2	120.6	108.2	:	:	:	
Annual total	1,904.9	1,693.0	1,696.1	:	:	:	

DRY MILK: Nonfat dry milk production (spray and roller process combined) is estimated at 158 million pounds for July. This is up 19 percent from the same month last year, but down 13 percent from the 1961-65 average. Cumulative output for the first seven months of 1967 was 1.14 billion pounds, up 5 percent from the same period last year.

Production of spray-process nonfat dry milk, at 154 million pounds, was 21 percent above July 1966, but 11 percent less than average. During the first seven months of 1967, production totaled 1.11 billion pounds, 6 percent more than for the corresponding months a year earlier.

Roller-dried nonfat milk production in July was 3.5 million pounds-- 19 percent less than a year earlier and 61 percent less than the 5-year July average.

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

Month	Enumerations		Estimates		Change from--	
	1961-65 av.:	1965	1966	1967	1961-65 av.:	1966
	Million pounds				Percent	
January	175.2	189.3	132.3	135.2	-23	+2
February	171.3	181.0	124.0	129.6	-24	+5
March	198.3	202.0	145.8	145.7	-27	0
April	212.3	213.7	165.9	173.0	-18	+4
May	246.8	239.3	188.2	195.1	-21	+4
June	236.2	222.8	192.6	202.4	-14	+5
July	182.0	171.8	131.8	157.5	-13	+19
Seven-month total	1,422.1	1,419.9	1,080.6	1,138.5	-20	+5
August	146.0	131.2	112.6			
September	118.7	100.3	88.5			
October	125.6	101.7	94.0			
November	130.2	105.5	94.3			
December	161.8	129.9	125.1			
Annual total	2,104.4	1,988.5	1,595.1			

Output of dry whole milk was 8.2 million pounds, up 16 percent from July 1966 and 29 percent more than average. January through July production totaled 56 million pounds, a decrease of 11 percent from the comparable period last year.

Production of dry buttermilk in July, at 5.7 million pounds, compared with 6.1 million in July 1966 and the 5-year average of 7.3 million pounds. Cumulative total for the first seven months of 1967, at 45 million pounds, is 10 percent less than the enumerated data for the same period in 1966.

July production of dry skim milk for animal feed was 2.8 million pounds, up 2 percent from a year earlier and 28 percent above average for the month.

STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on July 31, totaled 267 million pounds--19 percent more than a year earlier and 2 percent above the 1961-65 average for the date. Inventories of canned sweetened condensed whole milk, at 14.6 million pounds, were up 137 percent from July 31 last year, and 90 percent above average.

During July, prices paid by condenseries to producers averaged \$3.98 per hundred-weight for milk having an average milkfat content of 3.75 percent. This is equivalent to \$1.06 per pound of milkfat--1 cent less than in June and unchanged from a year earlier.

Whole milk purchases during July, as reported by condenseries for which historical data are available, totaled 327 million pounds received from about 39,000 producers. Average daily purchases per producer were 269 pounds, a gain of 4 percent from July 1966 and up 16 percent from the 5-year average.

Selling prices of evaporated whole milk in July, as reported by manufacturers, averaged \$7.05 per case of forty-eight 14½ oz. cans. This is the same as for the preceding month, but up 27 cents from July last year.

DRY MILK: Manufacturers' stocks of all nonfat dry milk for human consumption at the end of July were 162 million pounds, 13 percent above a year earlier and 17 percent above average for the date. The inventory of spray-dried nonfat, at 158 million pounds, was up 13 percent from July 31 last year and 23 percent above the 1961-65 average. Dry whole milk stocks of 10.2 million pounds were up 16 percent from a year earlier and were 41 percent more than July 31 average. Holdings of dry buttermilk, at 11.4 million pounds, were more than double those of a year earlier and 26 percent more than average for the date.

Shipments of spray and roller process nonfat dry milk for human use totaled 131 million pounds during July--5 percent less than June, but 4 percent above July 1966. Movement of spray process, at 129 million pounds, was about 99 percent of the combined shipments. Dry whole milk shipments totaled 4.1 million pounds, a decrease of 27 percent from June and 35 percent below July a year earlier. Total shipments of dry buttermilk in July were 4.2 million pounds, down 18 percent from a month earlier, but up 1 percent from July 1966.

Selling prices for spray and roller process (combined) nonfat dry milk averaged 19.9 cents per pound during July, unchanged from June, but 0.4 cent above July a year ago and 5.2 cents more than the 5-year average for the month. Spray process prices averaged 19.9 cents, the same as in June, but 0.4 cent more than in July 1966. Roller-dried nonfat milk averaged 19.6 cents per pound during July, the same as in June 1967 and July last year.

Prices of dry buttermilk (human food and animal feed combined) averaged 17.1 cents per pound in both June and July--2.8 cents less than in July last year. Dry whole milk prices in all package and container sizes averaged 39.0 cents per pound compared with 38.3 cents in June and 42.5 cents per pound in July 1966.

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USDA Nonfat Dry Milk Purchases and Payment-In-Kind Activity as Reported by ASCS
- Delivery basis -

Nonfat dry milk	July 1967	Cumulative	
		April 1, 1966 July 31, 1966	April 1, 1967 July 31, 1967
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>
Purchases	68.6	111.3	285.5
PIK exports ^{1/}	-	.6	-
Combined	68.6	111.9	285.5

^{1/} Payment-in-kind export certificates issued. Registrations halted March 2, 1966.

Uncommitted inventories on August 18, 1967 totaled 151.5 million pounds.

Table 3.-Evaporated, condensed, and dry milk: Production, July 1967

Commodity	July 1966 ^{1/}	July 1967 ^{2/}			Jan.-July 1967	
		Total	Change from--		Total	Change from Jan.-July 1966
			July 1961-65 average	July 1966		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	155,842	152,000	- 19	- 2	966,600	- 9
Sweetened condensed whole (case goods)..	11,631	7,900	- 7	- 32	39,100	- 45
Dry milk:						
Dry whole milk.....	7,051	8,200	+ 29	+ 16	55,750	- 11
Nonfat dry milk (human food):						
Spray process.....	127,477	154,000	- 11	+ 21	1,109,000	+ 6
Roller process.....	4,345	3,500	- 61	- 19	29,550	- 22
Total.....	131,822	157,500	- 13	+ 19	1,138,550	+ 5
Dry skim milk (animal feed)....	2,735	2,800	+ 28	+ 2	16,500	+ 2
Dry buttermilk.....	6,072	5,700	- 22	- 6	44,800	- 10

1/ Enumerations.

2/ Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks July 31, 1967 ^{1/}

Commodity	Average July 31, 1961-65	July 31, 1966 ^{2/}	July 31, 1967		
			Total	Change from---	
				July 31, 1961-65 av.	July 31, 1966
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	262,049	223,395	266,821	+ 2	+ 19
Sweetened condensed whole (case goods)..	7,702	6,165	14,604	+ 90	+137
Dry milk:					
Dry whole milk.....	7,228	8,803	10,206	+ 41	+ 16
Nonfat dry milk (human food):					
Spray process.....	128,861	140,356	157,977	+ 23	+ 13
Roller process.....	10,395	3,206	4,371	- 58	+ 36
Total.....	139,256	143,562	162,348	+ 17	+ 13
Dry skim milk (animal feed)....	1,608	1,252	2,957	+ 84	+136
Dry buttermilk.....	9,060	5,079	11,416	+ 26	+125

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.

Table 5.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, July 1967 ^{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
8 - 8½	-	-	4,800	-	-	-
9 - 9½	-	-	1,095	-	-	-
10 - 10½	-	-	15,351	-	-	-
10½ - 11	-	-	1,200	-	-	-
11 - 11½	-	-	27,109	-	-	-
12 - 12½	-	-	9,075	-	-	-
12½ - 13	-	-	6,950	-	-	-
13 - 13½	-	-	44,238	-	87,500	-
13½ - 14	-	-	-	-	111,000	-
14 - 14½	-	-	4,150	-	12,588	-
14½ - 15	-	-	18,765	-	35,850	-
15 - 15½	-	-	205,307	-	70,300	-
15½ - 16	-	-	8,525	922,100	98,457	-
16 - 16½	-	-	204,886	42,800	39,850	-
16½ - 17	-	-	20,000	444,700	-	-
17 - 17½	-	-	16,363	416,700	-	-
17½ - 18	2,399,039	-	10,440	280,905	-	-
18 - 18½	1,171,650	-	99,100	574,400	-	-
18½ - 19	2,381,356	426,900	-	89,650	-	-
19 - 19½	20,550,848	538,261	25,500	129,000	-	-
19½ - 20	37,547,669	170,470	-	100,550	-	-
20 - 20½	21,149,681	659,070	-	1,500	-	-
20½ - 21	8,080,832	32,595	-	-	-	-
21 - 21½	1,947,550	96,337	-	47,300	-	-
21½ - 22	2,430,682	-	-	-	-	-
22 - 22½	509,618	-	-	-	-	-
22½ - 23	2,841,764	-	-	-	-	-
23 - 23½	-	-	-	170,100	-	-
23½ - 24	491,716	-	-	-	-	-
25 - 25½	6,539	4,800	-	-	-	-
27 - 27½	38,450	-	-	-	-	-
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36½ - 37½	-	-	-	-	-	296,100
37½ - 38½	-	-	-	-	-	2,381,355
38½ - 39½	-	-	-	-	-	203,850
39½ - 40½	-	-	-	-	-	444,400
41½ - 42½	-	-	-	-	-	209,690
43½ - 44½	-	-	-	-	-	9,588
45½ - 46½	-	-	-	-	-	93,700
49½ - 50½	-	-	-	-	-	96,245
52½ - 53½	-	-	-	-	-	7,320

^{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, July 1967 ^{1/}

Commodity	July 1966 ^{2/}	June 1967	July 1967		
			Total	Change from--	
				July 1966	June 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	6,306	5,589	4,079	- 35	- 27
Nonfat dry milk (human food):					
Spray process ^{3/}	123,078	135,249	129,056	+ 5	- 5
Roller process.....	2,618	2,220	1,929	- 26	- 13
Total.....	125,696	137,469	130,985	+ 4	- 5
Dry skim milk (animal feed).....	1,006	1,146	1,125	+ 12	- 2
Dry buttermilk:					
For human food.....	3,738	4,678	3,725	0	- 20
For animal feed.....	422	454	465	+ 10	+ 2
Total.....	4,160	5,132	4,190	+ 1	- 18

^{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, July 1967 ^{1/}

Commodity	July 1961-65	July 1966	June 1967	July 1967
	Cents	Cents	Cents	Cents
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.73	19.51	19.93	19.88
Roller process.....	13.69	19.56	19.55	19.59
Spray and roller.....	14.67	19.51	19.92	19.88
Dry skim animal feed.....	10.61	15.36	13.80	15.53
Nonfat and dry skim.....	14.64	19.48	19.87	19.84
Dry buttermilk:				
Human food.....	13.75	20.30	17.43	17.44
Animal feed.....	10.52	16.43	13.69	14.48
Human and animal.....	13.25	19.91	17.10	17.11
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	30.42	37.71	38.27	38.95
Total ^{5/}	34.72	42.49	38.27	39.00

^{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, July 1967 1/

Geographic division	July 1966	June 1967	July 1967
	Dollars	Dollars	Dollars
New England.....	6.89	7.18	7.18
Middle Atlantic.....	6.68	6.96	6.96
South Atlantic.....	6.75	7.08	7.08
East North Central.....	6.72	6.88	6.88
West North Central.....	6.76	7.01	7.01
South Central.....	6.82	7.12	7.12
North Western 2/.....	7.06	7.35	7.35
South Western 3/.....	6.76	7.01	7.00
United States.....	6.78	7.05	7.05

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, July 1967 1/

State and division	July 1966			June 1967			July 1967		
	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.	4.10	3.81	1.08	4.10	3.78	1.08	4.14	3.84	1.08
Va.	3.83	3.87	.99	3.95	3.91	1.01	3.97	3.94	1.01
S. Atl. 2/ ..	3.99	3.90	1.02	4.04	3.93	1.03	4.06	3.96	1.03
Ohio	3.92	3.73	1.05	4.02	3.74	1.07	4.01	3.72	1.08
Ind.	4.01	3.63	1.10	4.09	3.69	1.11	4.05	3.66	1.11
Mich.	3.85	3.55	1.08	3.96	3.60	1.10	3.97	3.59	1.11
Wis.	4.26	3.58	1.19	4.15	3.58	1.16	4.12	3.55	1.16
E.N.C. 2/ ..	4.01	3.61	1.11	4.03	3.63	1.11	4.03	3.62	1.11
Mo.	4.03	3.89	1.04	3.96	3.78	1.05	3.97	3.81	1.04
Kans.	3.82	3.42	1.12	3.80	3.45	1.10	3.81	3.46	1.10
W.N.C.	2/4.06	2/ 3.68	2/1.10	3.92	3.70	1.06	3.94	3.73	1.06
Ky.	3.84	3.85	1.00	3.89	3.81	1.02	3.93	3.86	1.02
Tenn.	3.91	3.96	.99	3.96	3.91	1.01	4.00	3.98	1.01
Miss.	3.92	3.92	1.00	3.98	3.94	1.01	4.01	4.00	1.00
Ark.	3.98	3.79	1.05	3.96	3.77	1.05	3.98	3.81	1.04
S.Cent. ...	3.89	3.89	1.00	3.94	3.85	1.02	3.97	3.91	1.02
Calif.	4.01	3.62	1.11	3.95	3.59	1.10	3.93	3.57	1.10
S.W. 2/ ...	3.96	3.58	1.11	3.98	3.57	1.11	3.96	3.54	1.12
U. S. 2/ ..	3.96	3.72	1.06	3.98	3.73	1.07	3.98	3.75	1.06

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

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

UNITED STATES DEPARTMENT OF AGRICULTURE
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OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers,
 July 1967 ^{1/}

Item	Average July 1961-65	July 1966 ^{2/}	July 1967
Milk bought from producers..... pounds	494,175,000	361,542,000	327,113,000
Producers..... number	69,000	45,000	39,000
Average per producer per day... pounds	231.0	258.7	268.7
Change in purchases per producer:			
1967 from 1966percent	XXXXX	XXXXX	+ 3.9
1967 from 5-year averagepercent	XXXXX	XXXXX	+16.3

^{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.