

EVAPORATED, CONDENSED AND DRY MILK
REPORT FOR JULY 1965

August 31, 1965

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk during July is estimated at 159 million pounds by the Crop Reporting Board. This output was down 13 percent from July 1964 and off 24 percent from the 1959-63 average for the month. Production in the first 7 months this year, at 1.0 billion pounds, decreased 12 percent from the same period last year.

Canned sweetened condensed whole milk production in July, at 9.1 million pounds, was 11 percent more than a year earlier and 46 percent above average. January through July production totaled 56 million pounds, exceeding the total for that period a year earlier by 4 percent.

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

Month	Enumerations			Estimates 1965	Change from --	
	1959-63 av.	1963	1964		1959-63 av.	1964
	<u>Million pounds</u>				<u>Percent</u>	
January.....	133.3	136.9	142.5	122.5	- 8	-14
February.....	130.6	124.2	142.4	120.5	- 8	-15
March.....	164.6	149.7	151.6	133.1	-19	-12
April.....	195.7	181.1	162.6	149.4	-24	- 8
May.....	248.8	211.5	211.3	183.7	-26	-13
June.....	238.5	208.1	203.8	180.8	-24	-11
July.....	209.5	184.5	183.1	159.2	-24	-13
Seven-month total	1,321.0	1,196.0	1,197.3	1,049.2	-21	-12
August.....	190.7	175.2	172.4			
September.....	158.5	140.3	145.1			
October.....	144.7	129.7	131.8			
November.....	127.0	122.2	114.2			
December.....	135.9	133.9	127.3			
Annual total.....	2,077.8	1,897.3	1,888.1			

DRY MILK: Production of nonfat dry milk (spray and roller process combined) for July is estimated by the Crop Reporting Board at 170 million pounds. Output was 6 percent less than in July 1964 and 2 percent below the 1959-63 average for the month. January through July output this year totaled slightly over 1.4 billion pounds -- down 2 percent from the same period last year.

Production of spray-dried nonfat milk at 163 million pounds was 6 percent smaller than July a year ago but 1 percent larger than average. In the January-

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

Month	Enumerations			Estimates 1965	Change from--	
	1959-63 av.	1963	1964		1959-63 av.	1964
	<u>Million pounds</u>				<u>Percent</u>	
January.....	160.1	176.8	177.1	186.0	+16	+ 5
February.....	157.5	169.1	180.1	183.3	+16	+ 2
March.....	182.0	195.4	209.5	203.4	+12	- 3
April.....	198.1	214.3	221.4	217.3	+10	- 2
May.....	234.9	250.0	255.7	244.6	+ 4	- 4
June.....	225.1	241.0	239.6	224.9	0	- 6
July.....	172.6	183.6	181.4	169.8	- 2	- 6
Seven-month total	1,330.3	1,430.2	1,464.8	1,429.3	+ 7	- 2
August.....	136.3	146.0	150.1			
September.....	112.9	120.3	121.7			
October.....	121.4	121.7	127.1			
November.....	124.2	128.8	135.9			
December.....	154.5	159.1	177.2			
Annual total.....	1,979.6	2,106.1	2,176.8			

July period this year production was 1.4 billion pounds -- 2 percent below the first 7 months last year.

July roller-dried nonfat milk production is estimated at 6.8 million pounds -- down 13 percent from a year earlier, 40 percent less than average and the smallest output for July on record. Production in the first 7 months, at 51 million pounds, was 21 percent smaller than in the corresponding period of 1964.

The manufacture of dry whole milk, at 5.6 million pounds, was down 13 percent from July a year ago and off 14 percent from average. Production in January through July totaled 54 million pounds -- 8 percent more than in that period last year.

Output of dry buttermilk was 6.4 million pounds -- 13 percent smaller than a year earlier and 12 percent under average for July. The first 7 months' production of 54 million pounds was 13 percent below the comparable period a year ago.

During July, production of dry skim milk for animal feed was 2.0 million pounds -- an increase of 4 percent from July a year ago, but 11 percent below average. The January through July total of 14 million pounds was 8 percent above the same period of 1964.

STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on July 31 totaled 225 million pounds -- 10 percent less than on the same day a year ago and 24 percent below the 1959-63 average for the date. Inventories of canned sweetened condensed whole milk totaled 9.1 million pounds -- off 4 percent from a year earlier but 48 percent above average.

During July, prices paid by condenseries to producers averaged \$3.26 per hundred-

weight for milk having an average milkfat content of 3.77 percent. This is equivalent to 86 cents per pound of milkfat -- unchanged from June but up 1 cent from July a year ago. By States, the highest average price -- 95 cents per pound -- was paid in California, while the lowest average -- 80 cents -- was paid in Tennessee.

Reporting condenseries for which historical data are available purchased 424 million pounds of whole milk during July from about 53,000 producers. Average daily purchases per producer of 257 pounds compared with 237 in July last year and 211 pounds, the 5-year average for the month.

Evaporated whole milk selling prices in July, as reported by manufacturers, averaged \$6.07 per case of forty-eight 14 $\frac{1}{2}$ -oz. cans. This is unchanged from June but 14 cents more than July 1964. By regions, prices advanced from June 2 cents per case in both the South Atlantic and West North Central and 1 cent in the South Western. In New England the price declined 1 cent. Prices in the other regions remained the same as in June.

DRY MILK: Nonfat dry milk stocks held by manufacturers on July 31 totaled 136 million pounds -- up 9 percent from the same date last year but down 6 percent from the 1959-63 average for the date. Spray-dried holdings, at 130 million pounds, were 11 percent above a year earlier and equal to the average. Inventories of roller-dried nonfat at 5.8 million pounds were 27 percent smaller than on July 31 1964, 62 percent less than average and the smallest quantity on hand of record for the date. Dry whole milk stocks, at 7.6 million pounds, surpassed those of July 1964 by 23 percent and the average by 2 percent.

Dry buttermilk stocks on July 31 were 8.0 million pounds -- 6 percent below the same date of 1964 and 16 percent under average. Holdings of dry skim milk for animal feed, at 1.5 million pounds, were up 14 percent from a year earlier, but were 7 percent below average.

Shipments during July of total nonfat dry milk, at 169 million pounds, were down 12 percent from June, but 3 percent above a year earlier, and a record high for the month. Spray-dried movement at 165 million pounds declined 12 percent from June, but was a new high record for the month, topping the previous record established in July last year by 3 percent. Roller-dried shipments, at 4 million pounds, dropped 33 percent from June, were 10 percent below July 1964, and were at a record low level for the month. Movement of dry whole milk in all container sizes during July at 6.3 million pounds was down 7 percent from June but exceeded a year earlier by 28 percent and was the largest for the month since 1960. July dry buttermilk shipments at 5.6 million pounds gained 2 percent from June but were 7 percent below July last year.

July selling prices for spray and roller process (combined) nonfat dry milk as reported by manufacturers averaged 14.56 cents per pound. This compares with the price in June of 14.54 and the July 1964 price of 14.32. Spray process prices averaged 14.57 -- about the same as in June but 0.3 cent more than in July last year. Roller-dried product prices averaged 14.23 cents -- 0.1 cent above July 1964. Dry whole milk prices in July averaged 34.02 cents per pound -- up 0.7 cent from June and 1.1 cents more than a year earlier.

Nonfat dry milk deliveries to the United States Department of Agriculture during July totaled 64.3 million pounds. In the period April 1 through July 31, 1965 deliveries were 359.4 million pounds compared with 259.8 million in the corresponding period of 1964. On August 20, 1965 the Department held 292.6 million pounds of uncommitted supplies of nonfat dry milk. These holdings include 88.0 million pounds of vitamin-fortified nonfat dry milk in all package and container sizes, 41.4 million pounds of non-fortified in 4 $\frac{1}{2}$ -pound packages and 163.2 million pounds of non-fortified in 100-pound bags.

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Table 3.-Evaporated, condensed, and dry milk: Production, July 1965

Commodity	July 1964 ^{1/}	July 1965 ^{2/}			Jan. - July 1965	
		Total	Change from--		Total	Change from Jan. - July 1964
			July 1959-63 average	July 1964		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
Evaporated and condensed milk:						
Evaporated whole (case goods)..	183,047	159,200	-24	-13	1,049,200	-12
Sweetened condensed whole (case goods)..	8,176	9,078	+46	+11	55,928	+ 4
Dry milk:						
Dry whole milk.....	6,419	5,600	-14	-13	53,500	+ 8
Nonfat dry milk (human food):						
Spray process.....	173,582	163,000	+ 1	- 6	1,378,000	- 2
Roller process.....	7,792	6,800	-40	-13	51,300	-21
Total.....	181,374	169,800	- 2	- 6	1,429,300	- 2
Dry skim milk (animal feed)....	1,921	2,000	-11	+ 4	13,600	+ 8
Dry buttermilk.....	7,318	6,400	-12	-13	53,600	-13

^{1/} Enumerations.

^{2/} Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks July 31, 1965 ^{1/}

Commodity	Average July 31, 1959-63	July 31, 1964 ^{2/}	July 31, 1965		
			Total	Change from---	
				July 31, 1959-63 av.	July 31, 1964
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Evaporated and condensed milk:					
Evaporated whole (case goods)..	294,190	249,435	224,860	-24	-10
Sweetened condensed whole (case goods)..	6,119	9,413	9,073	+48	- 4
Dry milk:					
Dry whole milk.....	7,418	6,165	7,590	+ 2	+23
Nonfat dry milk (human food):					
Spray process.....	129,724	116,964	129,766	0	+11
Roller process.....	15,104	7,861	5,751	-62	-27
Total.....	144,828	124,825	135,517	- 6	+ 9
Dry skim milk (animal feed)....	1,578	1,288	1,471	- 7	+14
Dry buttermilk.....	9,535	8,519	8,038	-16	- 6

^{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 1965 ^{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
6 -6 $\frac{1}{2}$	-	-	4,250	-	-	-
8 -8 $\frac{1}{2}$	-	-	27,019	-	-	-
9 -9 $\frac{1}{2}$	-	-	73,498	-	-	-
9 $\frac{1}{2}$ -10	-	-	3,520	-	-	-
10 -10 $\frac{1}{2}$	-	-	43,984	-	18,852	-
10 $\frac{1}{2}$ -11	-	-	67,158	-	30,400	-
11 -11 $\frac{1}{2}$	-	-	154,580	-	7,950	-
11 $\frac{1}{2}$ -12	-	-	190,665	6,600	78,000	-
12 -12 $\frac{1}{2}$	-	-	115,484	-	210,100	-
12 $\frac{1}{2}$ -13	550,327	-	58,800	277,013	16,650	-
13 -13 $\frac{1}{2}$	1,317,100	31,100	86,655	34,200	50,835	-
13 $\frac{1}{2}$ -14	5,350,556	1,119,255	35,455	138,300	9,717	-
14 -14 $\frac{1}{2}$	63,398,039	1,725,890	-	2,091,450	-	-
14 $\frac{1}{2}$ -15	37,406,666	677,900	-	1,225,190	-	-
15 -15 $\frac{1}{2}$	12,816,287	417,081	-	636,810	-	-
15 $\frac{1}{2}$ -16	3,899,330	-	-	21,000	-	-
16 -16 $\frac{1}{2}$	5,844,759	-	-	-	-	-
16 $\frac{1}{2}$ -17	1,471,828	-	-	-	-	-
17 $\frac{1}{2}$ -18	335,240	-	-	-	-	-
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29 $\frac{1}{2}$ -30 $\frac{1}{2}$	-	-	-	-	-	1,997,000
30 $\frac{1}{2}$ -31 $\frac{1}{2}$	-	-	-	-	-	387,800
31 $\frac{1}{2}$ -32 $\frac{1}{2}$	-	-	-	-	-	573,050
32 $\frac{1}{2}$ -33 $\frac{1}{2}$	-	-	-	-	-	271,200
33 $\frac{1}{2}$ -34 $\frac{1}{2}$	-	-	-	-	-	62,308
35 $\frac{1}{2}$ -36 $\frac{1}{2}$	-	-	-	-	-	212,200
36 $\frac{1}{2}$ -37 $\frac{1}{2}$	-	-	-	-	-	101,250
38 $\frac{1}{2}$ -39 $\frac{1}{2}$	-	-	-	-	-	620,730
47 $\frac{1}{2}$ -48 $\frac{1}{2}$	-	-	-	-	-	264,025
50 $\frac{1}{2}$ -51 $\frac{1}{2}$	-	-	-	-	-	259,062

- ^{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 1965 ^{1/}

Commodity	July 1964 ^{3/}	June 1965	July 1965		
			Total	Change from--	
				July 1964	June 1965
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Dry whole milk.....	4,910	6,796	6,301	+28	- 7
Nonfat dry milk (human food):					
Spray process ^{2/}	160,306	186,818	164,938	+ 3	-12
Roller process.....	4,473	5,978	4,017	-10	-33
Total.....	164,779	192,796	168,955	+ 3	-12
Dry skim milk (animal feed).....	1,304	879	991	-24	+13
Dry buttermilk:					
For human food.....	5,293	4,834	5,164	- 2	+ 7
For animal feed.....	764	678	478	-37	-29
Total.....	6,057	5,512	5,642	- 7	+ 2

- ^{1/} Includes shipments for which prices were not reported.
^{2/} Excludes spray-dried nonfat milk sold in packages of retail size.
^{3/} Revised.

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, July 1965 ^{1/}

Commodity	July 1959-63	July 1964	June 1965	July 1965
	Cents	Cents	Cents	Cents
Nonfat dry milk: ^{2/}				
Spray process ^{3/}	14.39	14.33	14.55	14.57
Roller process.....	13.00	14.13	14.15	14.23
Spray and roller.....	14.30	14.32	14.54	14.56
Dry skim animal feed.....	10.36	10.12	11.14	11.36
Nonfat and dry skim.....	14.27	14.29	14.52	14.54
Dry buttermilk:				
Human food.....	13.49	14.00	14.23	14.28
Animal feed.....	10.15	10.47	11.97	11.96
Human and animal.....	12.90	13.54	13.95	14.08
Dry whole milk:				
Pkgs. over 5 lbs. ^{4/}	30.40	29.93	31.05	31.19
Total ^{5/}	36.44	32.95	33.32	34.02

- ^{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 14½-oz. cans, in cartons, by geographic divisions, July 1965 ^{1/}

Geographic division	July 1964	June 1965	July 1965
	Dollars	Dollars	Dollars
New England.....	5.86	6.03	6.02
Middle Atlantic.....	5.82	5.94	5.94
South Atlantic.....	5.87	6.00	6.02
East North Central.....	5.92	6.04	6.04
West North Central.....	6.01	6.14	6.16
South Central.....	6.03	6.13	6.13
North Western ^{2/}	6.10	6.30	6.30
South Western ^{3/}	6.00	6.11	6.12
United States.....	5.93	6.07	6.07

^{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 1965 ^{1/}

State and division	July 1964			June 1965			July 1965		
	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.	3.18	3.82	.83	3.23	3.82	.85	3.24	3.85	.84
Va.	3.18	3.93	.81	3.19	3.93	.81	3.20	3.94	.81
S.Atl. ^{2/}	3.20	3.96	.81	3.21	3.95	.81	3.22	3.97	.81
Ohio.....	3.06	3.74	.82	3.11	3.72	.84	3.12	3.71	.84
Ind.	3.21	3.70	.87	3.18	3.70	.86	3.20	3.69	.87
Ill.	3.12	3.48	.90	3.17	3.41	.93	3.25	3.47	.94
Mich.	3.05	3.62	.84	3.06	3.57	.86	3.06	3.55	.86
Wis.	3.26	3.56	.92	3.34	3.60	.93	3.34	3.57	.94
E.N.C. ..	3.13	3.65	.86	3.18	3.63	.88	3.20	3.62	.88
Mo.	3.43	3.96	.87	3.34	3.92	.85	3.39	3.92	.86
Kans.	3.22	3.61	.89	3.16	3.61	.88	3.19	3.56	.90
W.N.C. ^{2/}	3.32	3.74	.89	3.30	3.70	.89	3.34	3.72	.90
Ky.	3.19	3.99	.80	3.16	3.91	.81	3.20	3.96	.81
Tenn.	3.24	4.04	.80	3.24	4.02	.81	3.26	4.05	.80
Miss.	3.31	4.11	.81	3.28	3.98	.82	3.28	3.99	.82
Ark.	3.35	3.93	.85	3.29	3.91	.84	3.36	3.86	.87
S.Cent. ^{2/}	3.24	4.01	.81	3.21	3.95	.81	3.24	3.98	.81
N.W. ^{2/} ..	3.05	3.37	.91	3.19	3.45	.92	3.20	3.44	.93
Calif. ...	3.37	3.64	.93	3.41	3.59	.95	3.37	3.56	.95
S.W. ^{2/} ..	3.35	3.61	.93	3.41	3.57	.96	3.38	3.54	.95
U.S. ^{2/} ..	3.22	3.79	.85	3.24	3.76	.86	3.26	3.77	.86

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

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

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
 AGRICULTURAL ESTIMATES DIVISION
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POSTAGE AND FEES PAID
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OFFICIAL BUSINESS

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Payment-in-kind export certificates issued for nonfat dry milk in July covered 27.7 million pounds. In the 4-month period April 1 through July 31, 1965, PIK certificates totaled 68.7 million pounds, compared with 216. 2 million in the same period last year.

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, July 1965 1/

Item	Average July 1959-63	July 1964 <u>2/</u>	July 1965
Milk bought from producers..... pounds	561,013,000	438,335,000	423,778,000
Producers..... number	85,000	60,000	53,000
Average per producer per day... pounds	211.0	236.6	256.7
Change in purchases per producer:			
1965 from 1964..... percent	xxxx	xxxx	+ 8.5
1965 from 5-year average..... percent	xxxx	xxxx	+21.7

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.