

EVAPORATED, CONDENSED, AND DRY MILK REPORT
ALBERT R. MANIN

For December 1956

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DRY MILK

Total nonfat dry milk production during 1956 was 5 percent above the previous year and the highest of record, the Agricultural Marketing Service reports. Dry whole production during the year was up 1 percent from 1955 and dry buttermilk was up 7 percent.

The 1956 production of all nonfat dry milk products totaled 1,483,900,000 pounds. This compares with the previous record high of 1,410,034,000 pounds for 1955. December production of total nonfat dry milk equaled 104,800,000 pounds, slightly below the 104,918,000 pounds for a year earlier but 57 percent higher than the 1950-54 December average. Spray-dried nonfat milk production for 1956, at a record 1,310,800,000 pounds, was 8 percent above 1955, the previous high. Production of spray-dried nonfat milk during December totaled 95,300,000 pounds, a record high for the month, and up 1 percent from a year earlier and 71 percent from the December average. Roller-dried nonfat milk production during 1956 equaled 173,100,000 pounds, 12 percent below the previous year. December output was 9,500,000 pounds, down 10 percent from a year earlier and 12 percent from the 1950-54 average.

Dry whole milk production during 1956 totaled 107,525,000 pounds, the highest since 1951, and up 1 percent from 1955. Output in December equaled 8,250,000 pounds, a decline of 10 percent from a year earlier but an increase of 12 percent from the average. At 94,950,000 pounds, spray-dried whole milk production for 1956 was down 2 percent from the preceding year. December production was 6,800,000 pounds, 15 percent lower than a year earlier but 3 percent higher than the average. Roller-dried whole milk production totaled 12,575,000 pounds during 1956, 22 percent more than the previous year. Output during December, at 1,450,000 pounds, increased 29 percent from a year earlier and 99 percent from the 1950-54 average for the month.

Production of dry skim milk for animal feed during 1956 totaled 16,450,000 pounds, 4 percent less than the preceding year. December production equaled 1,250,000 pounds, down 1 percent from a year earlier but up 14 percent from the average. Dry buttermilk production for 1956 was 62,600,000 pounds, highest since 1942 and 7 percent above the previous year. Output during December equaled 4,100,000 pounds, 11 percent lower than a year earlier but 17 percent higher than the average.

Stocks of total nonfat dry milk reported by manufacturers for December 31 totaled 69,388,000 pounds, 14 percent below a year earlier but 9 percent above the 5-year average. Spray-dried nonfat milk stocks, at 59,478,000 pounds, declined 7 percent from a year earlier but advanced 14 percent from the 1950-54 December 31 average. Stocks of roller-dried nonfat milk totaled 9,910,000 pounds, down 42 percent and 14 percent, respectively, from December 31, 1955 and the average for the date.

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MANUFACTURERS' SELLING PRICES OF DRY MILK DURING DECEMBER 1956
Reported shipments (F.O.B. plant)

NONFAT DRY MILK (Bulk goods)			DRY SKIM	DRY BUTTERMILK (Bulk goods)		
Price 1/	Spray process 2/	Roller process	Animal feed	Price 1/	Human food	Animal feed
Cents	-- Pounds --			Cents	-- Pounds --	
8 - 8½			66,249	5 - 5½		53,035
8½ - 9			129,697	7 - 7½		38,100
9 - 9½			95,376	7½ - 8		56,385
9½ - 10			29,744	8 - 8½		104,189
10 - 10½			92,768	8½ - 9		70,500
10½ - 11			11,423	9 - 9½		118,800
11 - 11½			95,655	9½ - 10		41,362
12 - 12½		609,432	10,387	10 - 10½		2,725
12½ - 13		1,484,535	-	11 - 11½		2,750
13 - 13½	193,233	2,892,615	2,195	12½ - 13	563,300	4,360
13½ - 14	442,136	913,048	3,223	13 - 13½	168,700	
14 - 14½	116,336	2,841,986		13½ - 14	36,000	
14½ - 15	8,286,634	761,475		14 - 14½	275,636	
15 - 15½	19,776,234	182,549		14½ - 15	14,500	
15½ - 16	20,135,957	1,700		15 - 15½	46,600	
16 - 16½	6,390,185	13,831		15½ - 16	288,700	
16½ - 17	836,634			16 - 16½	133,810	
17 - 17½	757,829			16½ - 17	22,400	
17½ - 18	275,878			17 - 17½	20,510	
18 - 19	14,000			18 - 18½	23,000	
19 - 19½	701,600					
Total	57,926,656	9,701,171	536,717		1,593,156	492,206
Total human	67,627,827					
Grand total		68,164,544			2,085,362	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING DECEMBER 1956 3/
Reported shipments (F.O.B. plant)

Price 1/	1-2½ lb. packages	5 lb. packages	All other packages, including bbls. & drums	Total reported shipments
Cents	-- Pounds --			
28½ - 29½			4,720	4,720
29½ - 30½			65,000	65,000
30½ - 31½			463,050	463,050
31½ - 32½			693,160	693,160
32½ - 33½			456,255	456,255
33½ - 34½			912,036	912,036
34½ - 35½		86,600	40,532	127,132
36½ - 37½	250,826	-		250,826
37½ - 38½	-	182,250		182,250
40½ - 41½	-	1,328,700		1,328,700
41½ - 42½	85,470	-		85,470
43½ - 44½	-	7,080		7,080
44½ - 45½	6,714	-		6,714
46½ - 47½	1,941,844	-		1,941,844
48½ - 49½	-	6,300		6,300
50½ - 51½	5,405			5,405
51½ - 52½	15,162			15,162
Total	2,305,421	1,610,930	2,634,753	6,551,104

1/ Classified according to average monthly prices reported by firms.
2/ Excludes spray-dried nonfat milk sold in retail packages.
3/ Includes some dry whole milk in special packages for export.

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK, DECEMBER 1956
WITH COMPARISONS

	Nonfat dry milk			Dry skim an. feed	Nonfat & dry skim	Dry buttermilk			Dry whole milk			
	Spray	Roller	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other pkgs. 1/	Total shipments
	— Cents per pound —											
Dec. 50-54	15.27	13.81	15.00	10.57	14.94	13.83	9.97	12.00	47.25	42.14	37.13	42.23
Dec. 1955	15.62	14.02	15.43	10.08	15.39	14.25	9.41	12.95	43.74	39.42	33.25	38.96
Nov. 1956	<u>2/15.49</u>	13.69	15.22	9.81	15.16	14.34	8.34	12.53	44.81	39.58	32.79	37.18
Dec. 1956	<u>2/15.49</u>	13.57	15.22	9.62	15.17	14.22	8.09	12.77	45.61	40.24	32.66	39.08

1/ Includes barrels and drums.

2/ Excludes spray-dried nonfat milk sold in retail packages.

MANUFACTURERS' AVERAGE CARLOT SELLING PRICES OF EVAPORATED WHOLE MILK IN CASES OF 48 14½-OZ. CANS, BY GEOGRAPHIC DIVISIONS, DECEMBER 1956, WITH COMPARISONS 1/

Geographic division	December 1955	November 1956	December 1956
	— Dollars —		
New England	5.71	5.92	5.92
Middle Atlantic	5.66	5.89	5.89
South Atlantic	5.70	5.92	5.92
East North Central	5.61	5.84	5.84
West North Central	5.70	5.96	5.96
South Central	5.76	5.99	5.99
North Western	5.82	6.02	6.04
South Western	5.82	6.05	6.05
United States	5.71	5.93	5.93

1/ Manufacturers' prices are based upon the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-term credit.

Prices paid for entire month of December at 13 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order:

Price per cwt.
Chicago - \$ 3.265

Prices received f.o.b. plants for nonfat dry milk in the Chicago area covering the States of Illinois, Indiana, Michigan, Minnesota, and Wisconsin for the period November 26, 1956 through December 25, 1956 averaged for:

Cents per pound
Spray - 15.18
Roller - 13.36

AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED PRIMARILY FOR EVAPORATED MILK DURING DECEMBER 1956, WITH COMPARISONS 1/

State and division	December 1955			November 1956			December 1956		
	Price paid per 100 lbs. milk	Milk-fat test	Price per lb. of milk-fat	Price paid per 100 lbs. milk	Milk-fat test	Price per lb. of milk-fat	Price paid per 100 lbs. milk	Milk-fat test	Price per lb. of milk-fat
	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars
Pa.....	3.35	3.97	.84	3.54	3.98	.89	3.42	3.85	.89
M. Atl. <u>2/</u>	3.36	3.96	.85	3.55	3.97	.89	3.43	3.85	.89
Md.....	3.71	4.52	.82	3.82	4.52	.85	3.78	4.38	.86
Va.....	3.79	5.03	.75	3.81	5.01	.76	3.73	4.85	.77
S. Atl. <u>2/</u> ..	3.76	4.88	.77	3.78	4.86	.78	3.69	4.68	.79
Ohio.....	3.74	4.33	.86	3.97	4.23	.94	4.01	4.23	.95
Ind.....	3.83	4.50	.85	4.02	4.35	.92	4.16	4.40	.95
Ill.....	3.30	3.92	.84	3.33	3.85	.86	3.33	3.85	.86
Mich.....	3.59	4.05	.89	3.74	4.03	.93	3.73	3.96	.94
Wis.....	3.37	3.83	.88	3.47	3.87	.90	3.43	3.79	.91
E. N. C.....	3.51	4.03	.87	3.65	4.01	.91	3.63	3.96	.92
Mo.....	3.71	4.76	.78	3.81	4.83	.79	3.77	4.78	.79
Kans.....	3.50	4.40	.80	3.55	4.37	.81	3.54	4.35	.81
W. N. C. <u>2/</u> ..	3.50	4.28	.82	3.59	4.28	.84	3.51	4.19	.84
Ky.....	3.74	4.99	.75	3.82	4.96	.77	3.74	4.81	.78
Tenn.....	3.77	5.03	.75	3.81	4.99	.76	3.74	4.85	.77
Ala.....	3.91	5.10	.77	3.92	5.13	.76	3.76	4.85	.78
Miss.....	3.76	5.07	.74	3.86	5.18	.75	3.71	4.91	.76
Ark.....	3.75	4.86	.77	3.80	4.85	.78	3.73	4.72	.79
S. Cent. <u>2/</u> ..	3.77	4.99	.75	3.82	4.99	.77	3.74	4.83	.77
Idaho.....	3.71	4.19	.88	3.88	4.22	.92	3.84	4.13	.93
Wash.....	3.55	4.55	.78	3.73	4.58	.81	3.72	4.58	.81
Oreg.....	3.98	4.63	.86	4.13	4.59	.90	4.13	4.55	.91
N. W.....	3.74	4.35	.86	3.90	4.37	.89	3.87	4.32	.90
Utah.....	3.26	3.69	.88	3.36	3.71	.91	3.38	3.71	.91
Calif.....	3.60	4.14	.87	3.88	4.15	.93	3.96	4.20	.94
S. W. <u>2/</u>	3.52	4.04	.87	3.75	4.05	.93	3.81	4.08	.93
U. S. <u>2/</u>	3.58	4.29	.83	3.71	4.33	.86	3.68	4.23	.87

1/ Preliminary; subject to revision. Prices are for milk of actual milkfat as reported. All prices are reported as f.o.b. plant.
2/ Includes prices for some States not shown separately.

MILK PURCHASED BY CONDENSERIES, DECEMBER 1956, WITH COMPARISONS 1/

	Unit	Average 1950-54	1955	1956
Purchases, reported total	Pounds	400,655,000	400,268,000	411,847,000
Producers	Number	141,000	121,000	116,000
Average daily purchases per producer	Pounds	91.7	106.7	114.5
Change in purchases per producer:				
1956 from 1955	Percent	XXXX	XXXX	+ 7.3
1956 from 5-year average	Percent	XXXX	XXXX	+24.9

1/ Milk purchases at plants (or their receiving stations) which have canning equipment. 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.

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK
DECEMBER 1956, WITH COMPARISONS

Commodity	Dec. 1955 <u>1/</u>	Dec. 1956 <u>2/</u>	Change in Dec. 1956 from		Cumulative total	
			1950-54 average	1955	Jan.-Dec. 1956	Change from Jan.-Dec.1955
<u>Evaporated and condensed milk</u>						
<u>1,000 pounds</u>						
Evaporated whole (case goods)	152,479	152,200	<u>Percent</u>		2,540,550	- 2
Condensed whole (case goods)	3,881	7,110	- 3	0	64,390	+ 91
			+ 95	+ 83		
<u>Dry milk</u>						
<u>Dry whole</u>						
Spray process	7,993	6,800	+ 3	- 15	94,950	- 2
Roller process	1,125	1,450	+ 99	+ 29	12,575	+ 22
Total	9,118	8,250	+ 12	- 10	107,525	+ 1
<u>Dry nonfat</u>						
Human food - spray process	94,383	95,300	+ 71	+ 1	1,310,800	+ 8
Human food - roller process	10,535	9,500	- 12	- 10	173,100	- 12
Total (human food)	104,918	104,800	+ 57	0	1,483,900	+ 5
Dry skim milk (animal feed)	1,262	1,250	+ 14	- 1	16,450	- 4
Dry buttermilk	4,629	4,100	+ 17	- 11	62,600	+ 7

1/ Enumerations.
2/ Estimates.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK DECEMBER 31 1/

Commodity	Average 1950-54	1955 <u>2/</u>	1956	Change in 1956 from	
				1950-54 av.	1955
<u>Evaporated and condensed milk</u>					
<u>1,000 pounds</u>					
Evaporated whole (case goods)	247,453	213,202	223,910	- 10	+ 5
Condensed whole (case goods)	6,611	4,752	9,376	+ 42	+ 97
<u>Dry milk</u>					
<u>Dry whole</u>					
Spray process	12,192	8,483	10,418	- 15	+ 23
Roller process	167	104	339	+103	+226
Total	12,359	8,587	10,757	- 13	+ 25
<u>Dry nonfat</u>					
Human food - spray process	51,985	63,760	59,478	+ 14	- 7
Human food - roller process	11,486	17,003	9,910	- 14	- 42
Total (human food)	63,471	80,763	69,388	+ 9	- 14
Dry skim milk (animal feed)	1,528	1,119	1,082	- 29	- 3
Dry buttermilk	7,007	4,275	4,184	- 40	- 2

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.

(Continued from page 1)

Manufacturers' stocks of dry whole milk for the end of December, at 10,757,000 pounds, were 25 percent higher than a year earlier but 13 percent lower than the average. Spray-dried whole milk stocks totaled 10,418,000 pounds, 23 percent above a year earlier but 15 percent below the average for that date. Stocks of roller-dried whole milk equaled 339,000 pounds compared with 104,000 pounds for a year earlier and 167,000 pounds for the December 31 average.

Stocks of dry skim milk for animal feed held by manufacturers on December 31 totaled 1,082,000 pounds, down 3 percent and 29 percent from a year earlier and the average. Dry buttermilk stocks totaled 4,184,000 pounds, a decline of 2 percent from a year earlier and 40 percent from the December 31 average.

Manufacturers' reported sales of total nonfat dry milk during December equaled 67,628,000 pounds, 17 percent above the preceding month but 5 percent below a year earlier. Dry whole milk sales, at 6,551,000 pounds, were 37 percent more than the previous month and 31 percent less than December 31, 1955. Sales of dry buttermilk during December totaled 2,085,000 pounds, up 33 percent from the preceding month and down 4 percent from a year earlier.

Manufacturers' selling prices of total nonfat dry milk during December averaged 15.22 cents per pound, unchanged from a month earlier but two-tenths cent lower than a year earlier. The yearly average for 1956 was 15.24 cents per pound compared with 15.35 cents for 1955. December prices of spray-dried nonfat milk averaged 15.49 cents per pound, unchanged from a month earlier but one-tenth cent below a year earlier. The 1956 average price was 15.51 cents per pound, compared with 15.57 cents for 1955. Roller-dried nonfat milk during December averaged 13.57 cents per pound, one-tenth cent and four-tenths cent less, respectively, than the previous month and December 1955. The average price for 1956, at 13.46 cents per pound, was one-half cent below the preceding year.

Selling prices of dry skim milk for animal feed in December averaged 9.62 cents per pound, a decline of two-tenths cent from the preceding month and five-tenths cent from a year earlier. The average price for 1956 was 9.93 cents per pound, four-tenths cent less than the previous year. Combining both human food and animal feed, the price of dry buttermilk during December averaged 12.77 cents per pound, one-fourth cent higher than the preceding month but two-tenths cent lower than a year earlier. The 1956 average price was 12.82 cents per pound, one-fourth cent above that for 1955.

Sales of dry whole milk by manufacturers during December averaged 39.08 cents per pound for all sizes of packages, an increase of 1.9 cents and one-tenth cent, respectively, from the previous month and a year earlier. The 1956 average for all sizes of packages was 38.51 cents per pound compared with 38.62 cents for 1955. In 1-2½ pound packages, December prices averaged 45.61 cents per pound, up eight-tenths cent and 1.9 cents, respectively, from the previous month and a year earlier. Prices of 5 pound packages averaged 40.24 cents per pound in December, an increase of two-thirds cent from the preceding month and eight-tenths cent from a year earlier. In miscellaneous large packages, mostly barrels and drums, prices averaged 32.66 cents per pound, a decline of one-tenth cent and six-tenths cent, respectively, from the previous month and December 1955.

U. S. Department of Agriculture purchases of nonfat dry milk for price support purposes in January through the 28th totaled 48,999,000 pounds. December purchases equaled 67,806,000 pounds and for the marketing year beginning April 1, 1956 through January 28, purchases totaled 625,103,000 pounds. The Government held 38,380,000 pounds of uncommitted supplies of nonfat dry milk on January 23. There were no sales of nonfat dry milk back to the trade for domestic human food use in January through the 28th. Sales in December totaled 80,000 pounds and for the marketing year beginning April 1, 1956 to January 28, equaled 171,000 pounds. The Department sold 805,000 pounds of nonfat dry milk for animal and poultry feed in January through the 28th, 352,000 pounds for the month of December and 15,597,000 pounds from April 1, 1956 through January 28, 1957.

EVAPORATED AND CONDENSED MILK

Annual production of evaporated whole milk for the year of 1956 totaled 2,540,550,000 pounds, second lowest since 1940 and 2 percent less than the 1955 annual production, the Agricultural Marketing Service reports. However, production during 1956 was slightly larger than that for 1954. The December 1956 production was 152,200,000 pounds, only fractionally lower than a year earlier but down 3 percent from the 1950-54 December average.

During 1956 production of canned condensed whole milk totaled 64,390,000 pounds, highest since 1949 and 91 percent above the preceding year's production. Output for December was 7,110,000 pounds, highest for the month since 1948, 83 percent above a year earlier and 95 percent higher than the 5-year average for the month.

Stocks of evaporated whole milk held by manufacturers at the end of 1956 were 223,910,000 pounds, highest for the date since 1953, 5 percent above a year earlier but 10 percent less than the December 31 5-year average. Stocks of canned condensed whole milk on December 31 totaled 9,376,000 pounds, highest for the date since 1948, up 97 percent from a year earlier and 42 percent from the 5-year average for the date.

Manufacturers selling prices of canned evaporated milk for December averaged \$5.93 per case of 48 14½-oz. cans. This price has been unchanged for the past 5 months but is the highest December average since 1952. There were no changes in prices by regions from November to December except the North Western region where a 2 cent per case increase occurred. Price changes by regions from a year earlier varied from a gain of 21 cents in the New England area to 26 cents in the West North Central area.

Prices paid for milk testing 4.23 percent milkfat, f.o.b. plant, by condenseries during December averaged \$3.68 per hundredweight or an average of 87 cents per pound of milkfat. This price per pound of milkfat was 1 cent higher than in the preceding month and 4 cents higher than that of a year earlier. By States, the price per pound of milkfat ranged from a low of 76 cents per pound in Mississippi to a high of 95 cents in Ohio and Indiana.

Purchases of milk by reporting condenseries for December totaled 411,847,000 pounds from approximately 116,000 producers. Daily purchases per producer averaged 114.5 pounds, a gain of 7 percent from a year earlier, and 25 percent from the 5-year December average.