

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
WASHINGTON, D. C.

November 30, 1955

EVAPORATED, CONDENSED, AND DRY MILK REPORT
FOR OCTOBER 1955

DRY MILK

Production of total nonfat dry milk solids during October was 16 percent above a year earlier and the highest of record for the month, the Agricultural Marketing Service reports. Dry whole milk production during October was up 24 percent from a year earlier and dry buttermilk 13 percent.

Total nonfat dry milk solids production during October equaled 88,300,000 pounds, an advance of 16 percent and 84 percent, respectively, from a year earlier and the 1949-53 October average. Cumulative production for the first 10 months of the year totaled 1,283,400,000 pounds, 4 percent more than the same months in 1954. This cumulative production is based on additional revisions for production of the first 9 months of 1955 that were made after the September report was released. These revisions, shown on page 6, were made for spray-dried nonfat milk solids and total nonfat dry milk solids. Production of spray-dried nonfat milk solids totaled 79,300,000 pounds in October, the highest of record for the month, up 20 percent from a year earlier and 108 percent from the 5-year average. The combined January-October output of 1,097,500,000 pounds was 9 percent above the same period in 1954. Roller-dried nonfat milk solids production, at 8,900,000 pounds, declined 9 percent from both a year earlier and the 1949-53 October average. Totalling 185,900,000 pounds for the first 10 months of 1955, production was 16 percent below the same months last year.

October production of dry whole milk equaled 8,300,000 pounds, an increase of 24 percent from a year earlier and 1 percent from the 5-year average. The combined January-October output of 85,545,000 pounds was 7 percent above the same period in 1954. Spray-dried whole milk production, at 7,100,000 pounds, was up 13 percent from a year earlier, although down 1 percent from the 1949-53 October average. At 78,775,000 pounds, cumulative production for the first 10 months of 1955 increased 3 percent from the corresponding months of last year. Production of roller-dried whole milk for October was 1,200,000 pounds, nearly three times as high as the 425,000 pounds for a year earlier and 13 percent above the 5-year average. Cumulative production for January through October equaled 7,470,000 pounds, up 75 percent from the same period last year.

October output of dry skim milk for animal feed totaled 1,050,000 pounds, a decline of 7 percent from a year earlier and 4 percent from the 5-year average. Combined production for the first 10 months of 1955 totaled 14,585,000 pounds, 13 percent below the corresponding months of

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MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING OCTOBER 1955
Reported shipments (F.O.B. Plant)

NONFAT DRY MILK SOLIDS (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		
7½-8			5,245	5-5½		3,600	
8-8½			54,285	7½-8		12,445	
8½-9			25,500	8-8½		57,200	
9-9½			250,384	8½-9		96,820	
9½-10			55,958	9-9½		32,000	
10-10½			59,859	9½-10		27,865	
10½-11			66,544	10-10½		100,732	
11-11½			233,465	10½-11		225,805	
11½-12		26,050	21,632	11-11½	39,500	30,950	
12-12½			7,450	11½-12		23,575	
12½-13		11,200		13-13½	148,100		
13-13½	340,146	1,196,726	12,125	13½-14	50,000		
13½-14	129,160	1,574,889	3,240	14-14½	1,052,329		
14-14½	366,129	3,165,841	4,000	14½-15	88,110		
14½-15	3,795,513	1,385,242		15-15½	265,855		
15-15½	19,108,966	1,355,925		15½-16	2,700		
15½-16	24,808,632	37,300		16-16½	35,425		
16-16½	8,938,054	86,148		16½-17	29,975		
16½-17	438,650			17-17½			
17-17½	421,432			17½-18			
17½-18	928,668						
Total	59,275,350	8,839,321	799,687		1,711,994	600,992	
Total human	68,114,671						
Grand total		68,914,358			2,312,986		

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING OCTOBER 1955 3/
Reported shipments (F.O.B. Plant)

Price 1/	1-2½ lb. packages	5 lb. packages	All other packages, including btls. & drums	Total reported shipments
Cents	Pounds			
27½-28½			2,600	2,600
28½-29½			70,008	70,008
29½-30½			61,000	61,000
30½-31½			621,542	621,542
31½-32½			764,045	764,045
32½-33½			64,409	64,409
33½-34½		173,580	462,700	636,280
34½-35½	511,756		149,458	661,214
35½-36½		124,230	155,748	279,978
36½-37½		417,030	396,079	813,109
37½-38½		1,259,201		1,259,201
38½-39½		5,160	14,147	19,307
39½-40½		3,695		69,215
40½-41½	65,520	1,830		1,830
41½-42½				3,711
42½-43½	3,711			11,803
43½-44½	11,803			1,809,714
44½-45½	1,809,714			51,210
45½-46½		51,210		110,730
46½-47½	110,730			
47½-48½				
48½-49½				
49½-50½				
50½-51½				
Total	2,513,234	2,035,936	2,761,736	7,310,966

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

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK SOLIDS, OCTOBER 1955

	Nonfat dry milk solids			Dry skim an. feed	N.F. solids & dry skim	Dry buttermilk			Dry whole milk			Total ship-ments
	Spray	Roller	Spray and roller			Human food	Animal feed	Human and animal	1-2½ pound pkgs.	5-pound pkgs.	Other: 1/	
	--- Cents per pound ---											
Oct. 1955	2/15.54	14.20	15.37	10.16	15.31	14.24	9.78	13.09	44.56	38.90	33.30	38.73
Sept. 1955	2/15.68	14.26	15.49	10.20	15.44	14.36	9.70	13.61	39.93	37.36	32.90	36.64
Oct. 1954	15.57	14.14	15.35	10.07	15.29	13.54	9.26	12.02	42.17	37.29	34.38	38.37
Oct. 49-53	14.49	12.93	14.13	9.93	14.06	13.25	9.24	11.21	47.42	42.26	36.49	41.05

1/ Includes barrels and drums.

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

MANUFACTURERS' AVERAGE CANTY SELLING PRICES OF EVAPORATED WHOLE MILK IN CASES OF 48 14½-OZ. CANS, BY GEOGRAPHIC DIVISIONS, OCTOBER 1955, WITH COMPARISONS 1/

Geographic division	October 1954	September 1955	October 1955
	--- Dollars ---		
New England	5.54	5.56	5.56
Middle Atlantic	5.54	5.53	5.53
South Atlantic	5.55	5.57	5.57
East North Central	5.46	5.49	5.49
West North Central	5.54	5.55	5.55
South Central	5.62	5.63	5.63
North Western	5.63	5.69	5.71
South Western	5.66	5.66	5.66
United States	5.56	5.57	5.57

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-time credit.

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

Price per cwt.
Chicago - \$3.112

Prices received f.o.b. plants for nonfat dry milk solids in the Chicago area covering the States of Illinois, Indiana, Michigan, Minnesota, and Wisconsin for the period September 26, 1955 through October 25, 1955 averaged for:

Cents per pound
Spray - 15.55
Roller - 13.95

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1954, October output of dry buttermilk, at 3,750,000 pounds, was the highest for the month since 1942 and up 13 percent and 28 percent, respectively, from October 1954 and the 5-year average. Cumulative production of 49,950,000 pounds for January through October was 2 percent above the same period last year.

Manufacturers' stocks of total nonfat dry milk solids equaled 87,758,000 pounds on October 31, double the quantity for a year earlier and 17 percent higher than the 5-year average for the date. Stocks of spray-dried nonfat milk solids equaled 64,757,000 pounds, up 76 percent and 14 percent, respectively, from a year earlier and the 1949-53 October 31 average. Stocks of roller-dried nonfat milk solids, at 23,001,000 pounds, were more than three times those of a year earlier and 28 percent above the 5-year average.

Stocks of total dry whole milk held by manufacturers on October 31 were reported at 10,314,000 pounds, 23 percent higher than a year earlier but 39 percent lower than the average for the date. Manufacturers' stocks of spray-

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AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED PRIMARILY FOR EVAPORATED MILK DURING OCTOBER 1955, WITH COMPARISONS 1/

State and division	October 1954			September 1955			October 1955		
	Price paid per 100 lbs. milk	Butter-fat test	Price per lb. of butter-fat	Price paid per 100 lbs. milk	Butter-fat test	Price per lb. of butter-fat	Price paid per 100 lbs. milk	Butter-fat test	Price per lb. of butter-fat
	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars
Pa.	3.34	4.03	.63	3.33	3.94	.84	3.40	4.07	.6
N. Atl. 2/	3.34	3.99	.84	3.33	3.94	.85	3.41	4.07	.6
Md.	3.52	4.33	.81	3.40	4.24	.80	3.63	4.47	.3
Va.	3.53	4.60	.74	3.33	4.53	.73	3.61	4.90	.7
S. Atl. 2/	3.55	4.71	.75	3.37	4.48	.75	3.65	4.84	.7
Ohio	3.51	4.22	.83	3.35	3.98	.84	3.55	4.21	.8
Ind.	3.85	4.31	.89	3.39	4.01	.85	3.64	4.31	.8
Ill.	3.26	3.69	.84	3.14	3.86	.81	3.25	3.86	.6
Mich.	3.48	4.06	.86	3.25	3.88	.84	3.48	4.03	.8
Wis.	3.44	3.93	.87	3.34	3.82	.87	3.46	3.96	.6
E.N.C.	3.50	4.07	.86	3.30	3.89	.85	3.47	4.05	.6
Iowa	3.26	3.94	.83	3.21	3.80	.84	3.32	3.88	.7
Mo.	3.59	4.73	.76	3.40	4.50	.75	3.62	4.74	.7
Kans.	3.32	4.27	.78	3.22	4.16	.77	3.40	4.37	.6
W.N.C. 2/	3.43	4.36	.79	3.31	4.24	.78	3.48	4.39	.6
Ky.	3.58	4.88	.73	3.31	4.55	.73	3.64	4.96	.6
Tenn.	3.60	4.90	.73	3.33	4.56	.73	3.63	4.99	.6
Ala.	3.68	5.03	.73	3.39	4.54	.75	3.74	5.03	.6
Miss.	3.73	5.10	.73	3.36	4.65	.72	3.64	5.06	.6
Ark.	3.56	4.70	.76	3.43	4.56	.75	3.68	4.86	.6
S. Cent. 2/	3.60	4.89	.74	3.35	4.57	.73	3.65	4.97	.6
Idaho	3.54	4.09	.87	3.39	3.97	.86	3.53	4.05	.8
Wash.	3.53	4.51	.78	3.61	4.35	.83	3.45	4.13	.6
Oreg.	3.74	4.48	.84	3.64	4.32	.84	3.86	4.51	.6
N. W.	3.59	4.27	.84	3.52	4.18	.84	3.56	4.16	.6
Utah	2.72	3.56	.76	3.01	3.51	.86	3.08	3.58	.6
Calif.	3.47	4.03	.86	3.41	3.93	.87	3.53	4.03	.6
S. W. 2/	3.35	3.96	.85	3.36	3.87	.87	3.46	3.96	.6
U. S. 2/	3.50	4.31	.81	3.34	4.16	.80	3.53	4.35	.6

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

MILK PURCHASED BY CONDENSERIES, OCTOBER 1955, WITH COMPARISONS 1/

	Unit	Average 1949-53	1954	1955
Purchases, reported total	Pounds	455,769,000	461,837,000	440,822,
Producers	Number	154,000	142,000	129,
Average daily purchases per producer	Pounds	95.5	104.9	11
Change in purchases per producer:				
1955 from 1954	Percent	XXX	XXX	+
1955 from 5-year average	Percent	XXX	XXX	+1

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.

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dried whole milk equaled 9,920,000 pounds, 19 percent above a year earlier although 41 percent below the 1949-53 October 31 average. Roller-dried whole milk stocks, at 394,000 pounds, were nearly 4 times as high as both a year earlier and average.

Stocks of dry skim milk for animal feed on October 31 equaled 1,101,000 pounds, up 23 percent from a year earlier but down 50 percent from the average for that date. Dry buttermilk stocks totaled 3,562,000 pounds, an increase

PRODUCTION OF EVAPORATED, CONDENSED, AND DRY MILK

Commodity	Oct. 1954 1/	Oct. 1955 2/	Change in Oct. 1955 from		Cumulative total	
			1949-53 average	1954	Jan.-Oct. 1955	Change from Jan.-Oct. 1954
Evaporated and condensed milk	Thousand pounds		Percent		1,000 lb.	Percent
Evaporated whole (case goods)	159,044	164,500	- 9	+ 13	2,289,200	+ 3
Condensed whole (case goods)	2,129	3,925	- 8	+ 84	26,100	+ 24
<u>Dry milk</u>						
Dry whole						
Spray process	6,273	7,100	- 1	+ 13	78,075	+ 3
Roller process	425	1,200	+ 13	+182	7,470	+ 75
Total	6,698	8,300	+ 1	+ 24	85,545	+ 7
Dry nonfat solids						
Human food - Spray process	66,092	79,300	+108	+ 20	1,097,500	+ 9
Human food - Roller process	9,831	8,900	- 9	- 9	185,900	- 16
Total (human food)	75,923	88,200	+ 84	+ 16	1,283,400	+ 4
Dry skim milk (animal feed)	1,131	1,050	- 4	- 7	14,585	- 13
Dry buttermilk	3,310	3,750	+ 28	+ 13	49,950	+ 2

1/ Enumerations.
2/ Estimates.

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

Commodity	Average 1949-53	1954 2/	1955	Change in 1955 from	
				1949-53	1954
Evaporated and condensed milk	Thousand pounds			Percent	
Evaporated whole (case goods)	432,267	355,473	383,871	- 11	+ 8
Condensed whole (case goods)	7,123	5,113	7,381	+ 4	+ 44
<u>Dry milk</u>					
Dry whole					
Spray process	16,933	8,313	9,920	- 41	+ 19
Roller process	100	102	394	+294	+286
Total	17,033	8,415	10,314	- 39	+ 23
Dry nonfat solids					
Human food - Spray process	56,754	36,880	64,757	+ 14	+ 76
Human food - Roller process	18,004	6,924	23,001	+ 28	+232
Total (human food)	74,758	43,804	87,758	+ 17	+100
Dry skim milk (animal feed)	2,205	896	1,101	- 50	+ 23
Dry buttermilk	8,383	3,224	3,562	- 58	+ 10

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.

of 10 percent from a year earlier, although a decline of 58 percent from the October 31 average.

Sales of total nonfat dry milk solids for October as shown by reporting manufacturers totaled 68,115,000 pounds, 8 percent less than in the preceding month but 5 percent more than a year earlier. Manufacturers' sales of dry whole milk were reported at 7,311,000 pounds, up 2 percent from the previous month and 13 percent from October 1954. Dry buttermilk sales during October, at 2,313,000 pounds, were 28 percent below the preceding month, although 17 percent above a year earlier.

Manufacturers' selling prices of total nonfat dry milk solids during October averaged 15.37 cents per pound, down 1/10 cent from the preceding

Revisions of Spray-Dried Nonfat Milk Solids Production, 1955

Since revising production figures for the first 9 months of 1955 on spray-dried nonfat milk solids, additional information has become available on a number of plants which have started producing this particular product during 1955. This information indicates clearly that the estimates previously made are too low and accordingly these estimates have been revised to bring them up toward their proper level. As a result, cumulative production of spray-dried nonfat milk solids is now 8 percent higher than a year earlier for the first 9 months of 1955. Data are also shown for total nonfat dry milk solids production as a result of the revisions in spray process.

Please substitute the figures shown below for those published in the September 1955 report.

Month	DRY NONFAT SOLIDS - Spray Process					TOTAL DRY NONFAT SOLIDS				
	5-yr. av. 1949-53	1954 1/	1955 2/	Change in 1955 from 1949-53 average		5-yr. av. 1949-53	1954 1/	1955 2/	Change in 1955 from 1949-53 average	
	- Thousand pounds -			- Percent -		- Thousand pounds -			- Percent -	
Jan.	44,716	94,849	94,800	+112	0	58,284	114,021	110,500	+ 90	- 3
Feb.	46,542	92,581	91,500	+ 97	- 1	61,034	112,636	105,600	+ 73	- 6
Mar.	60,255	115,747	113,800	+ 89	- 2	81,224	142,772	132,000	+ 63	- 8
Apr.	70,317	118,898	128,800	+ 83	+ 8	97,511	148,198	152,800	+ 57	+ 3
May	86,876	139,853	162,800	+ 87	+ 16	124,512	179,352	197,800	+ 59	+ 10
June	85,288	131,491	151,100	+ 77	+ 15	121,414	166,525	181,300	+ 49	+ 9
July	70,555	101,894	111,100	+ 57	+ 9	93,542	121,240	127,500	+ 35	+ 5
Aug.	57,849	81,727	86,400	+ 49	+ 6	75,228	93,640	98,600	+ 31	+ 5
Sept.	42,669	67,205	77,900	+ 83	+ 16	54,693	77,690	89,100	+ 63	+ 15
Oct.	38,048	66,092	79,300	+108	+ 20	47,873	75,923	88,200	+ 84	+ 16
Nov.	35,907	65,949				43,920	75,383			
Dec.	47,876	82,251				59,945	94,994			
TOTAL	686,893	1,158,537				919,180	1,402,374			

1/ Enumerations.

2/ Revised estimates.

month but up slightly from a year earlier. Spray-dried nonfat milk solids averaged 15.54 cents per pound, 1/10 cent below the previous month and slightly less than October 1954. Prices of roller-dried nonfat milk solids in October averaged 14.20 cents per pound compared with 14.26 cents the preceding month and 14.14 cents a year earlier.

Sales by manufacturers of dry skim milk for animal feed in October averaged 10.10 cents per pound, a decline of 1/10 cent from the previous month but up slightly from a year earlier. Combining both human food and animal feed, the price of dry buttermilk averaged 13.08 cents per pound, 1/2 cent lower than the preceding month, although 1.1 cents higher than a year earlier.

Selling prices of dry whole milk for all sizes of packages averaged 38.73 cents per pound, up 2.1 cents and 4/10 cent, respectively, from the previous month and a year earlier. Prices of 1-2 1/2 pound packages averaged 44.56 cents per pound, an increase of 4.6 cents from the preceding month and 2.4 cents from October 1954. In 5 pound packages, prices averaged 38.90 cents per pound, up 1.5 cents from the previous month and 1.6 cents from a year earlier. Miscellaneous large packages, mostly barrels and drums, averaged 33.30 cents per pound, 2/5 cent higher than the preceding month but 1.1 cents lower than October 1954.

United States Department of Agriculture purchases of nonfat dry milk solids for price support purposes in November through the 25th totaled 23,630,000 pounds. October purchases totaled 14,429,000 pounds and for the marketing year April 1, 1955 through November 25 were 398,065,000 pounds. The Department held 6,667,000 pounds of uncommitted supplies of nonfat dry milk solids on November 23. There were no sales of nonfat dry milk solids back to the trade for domestic human food use during the month of October and November through the 25th. Department sales for human food for the period April 1, 1955 through November 25 totaled 832,000 pounds. The Department sold 861,000 pounds of nonfat dry milk solids for animal and poultry feed in November through the 25th, 2,771,000 pounds for the month of October and 10,313,000 pounds from April 1, 1955 through November 25.

EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for October totaled 164,500,000 pounds, highest for the month since 1952, a gain of 3 percent from the preceding year, but a decline of 9 percent from the 1949-53 October average, the Agricultural Marketing Service reports. Cumulative production for the first 10 months of 1955 totaled 2,289,200,000 pounds, a gain of 3 percent from the same period of 1954.

October output of canned condensed whole milk equalled 3,925,000 pounds, highest for the month since 1951, a gain of 84 percent from a year earlier, but a decline of 8 percent from the 5-year average for the month. During the period from January through October 1955, production totaled 26,100,000 pounds, a gain of 24 percent from the same period a year earlier.

Stocks of canned evaporated whole milk held by manufacturers totaled 383,871,000 pounds on October 31, a gain of 8 percent from a year earlier, but a decline of 11 percent from the 5-year average for the date. While these stocks were higher than a year earlier, they were the second lowest for the date since 1950. Stocks of canned condensed whole milk on October 31 totaled 7,381,000 pounds, highest for the date since 1950, 44 percent above the same date a year earlier and 4 percent higher than the average.

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Manufacturers' selling prices of canned evaporated whole milk averaged \$5.57 per case of 48 14½-oz. cans during October. This price has been unchanged for the 7th consecutive month, but is 1 cent higher per case than that of a year earlier. Prices were unchanged from the preceding month in all regions of the country except for the Northwestern area, where a gain of 2 cents per case was shown.

Condensery buying prices for milk, f.o.b. plant, averaged \$3.53 for milk testing 4.35 percent butterfat during October, or an average of 81 cents per pound butterfat in this milk. This average price per pound of butterfat is 1 cent higher than in the preceding month, but unchanged from that of a year earlier. October prices per pound of butterfat by States ranged from a low of 72 cents in Mississippi to a high of 88 cents in California.

Purchases of milk by reporting condenseries for October totaled 440,822,000 pounds. These purchases were made from approximately 129,000 producers. Daily purchases per producer averaged 110.2 pounds, a gain of 5 percent from a year earlier, and 15 percent from the 5-year October average.