

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

December 30, 1953

EVAPORATED, CONDENSED, AND DRY MILK REPORT  
(November 1953)

DRY MILK

November production of total nonfat dry milk solids was the highest for the month in 19 years of record, the Agricultural Marketing Service reports. Manufacturers' stocks, while sharply lower than those of a year earlier, were still the second highest of record for the date.

Output of total nonfat dry milk solids at 68,290,000 pounds was the highest for the month in 19 years of record, 56 percent higher than a year earlier and more than double the 5-year average for the month. Cumulative production for the first 11 months of 1953 totaled 1,106,090,000 pounds, higher than for any previous annual total. Comparing the first 11 months this year with the same period of 1952, a gain of 39 percent was shown. Production of spray-dried nonfat milk solids totaled 59,000,000 pounds, highest for the month in 11 years of record, a gain of 58 percent from a year earlier and 138 percent from the 5-year average for the month. From January through November, output totaled 868,550,000 pounds, a gain of 42 percent from the same months a year earlier. Roller-dried nonfat milk solids production totaled 9,290,000 pounds for November, highest for the month since 1949, a gain of 41 percent from a year earlier and 14 percent from the November 5-year average. During the first 11 months of 1953, production totaled 237,540,000 pounds, a gain of 27 percent from the same period in 1952.

Dry whole milk production for November totaled 8,420,000 pounds, highest for the month since 1950, a gain of 61 percent from a year earlier and 10 percent from the November 1947-51 average. For the period from January through November 1953, output was 97,375,000 pounds, a gain of 2 percent from the same months of 1952. Spray-dried whole milk was 7,400,000 pounds for November, a gain of 51 percent from a year earlier and 11 percent from the 5-year average. Roller-dried whole milk was 1,020,000 pounds for November which is 3 times the production of a year earlier and a gain of 2 percent from the 5-year average for the month.

Output of dry skim milk for animal feed in November was 1,570,000 pounds, highest for the month since 1942, a gain of 5 percent from a year earlier and more than double the 5-year average for November. Cumulative production for the first 11 months of 1953 totaled 24,005,000 pounds, a gain of 1 percent from the same period in 1952. Dry buttermilk output was 2,775,000 pounds for November, a decline of 12 percent from a year earlier but a gain of 10 percent from the 5-year average for the month. Production for the first 11 months of 1953 was 45,585,000 pounds, a gain of 5 percent from the same period in 1952.

Manufacturers' stocks of total nonfat dry milk solids were 70,303,000 pounds for November 30, a decline of 44 percent from a year earlier but a gain of 76 percent from the 5-year average for November 30. Despite the sharp decline in stocks from a year earlier they still remain the second highest in 19 years of record. Holdings of spray-dried nonfat milk solids were 57,319,000 pounds, second highest in 11 years of record, down 39 percent from a year earlier and more than double the 5-year average for the date. Roller-dried nonfat solids stocks were 12,484,000 pounds,

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MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING NOVEMBER 1953  
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
P o u n d s				P o u n d s		
Cents				Cents		
6 - 6½			22,000	5 - 5½		101,745
6½ - 7			15,810	6 - 6½		144,223
7 - 7½			10,900	6½ - 7		207,065
7½ - 8			2,640	7 - 7½		131,120
8 - 8½		2,500	24,983	7½ - 8		83,037
8½ - 9		-	124,226	8 - 8½		125,183
9 - 9½		28,410	42,028	8½ - 9		2,100
10 - 10½		3,280	301,911	9 - 9½		29,900
10½ - 11		6,390	115,037	9½ - 10		101,362
11 - 11½		40,200	84,468	10 - 10½		-
11½ - 12		81,280	9,459	10½ - 11	24,300	-
12 - 12½		498,584	17,005	11 - 11½	16,800	-
12½ - 13		1,245,556	13,617	11½ - 12	23,500	46,100
13 - 13½		3,984,597	8,970	12 - 12½	1,300	2,800
13½ - 14		2,106,115		12½ - 13	44,500	-
14 - 14½	3,534,455	1,889,108		13 - 13½	82,010	67,800
14½ - 15	5,552,533	408,435		13½ - 14	215,500	
15 - 15½	12,081,331	166,020		14 - 14½	672,452	
15½ - 16	21,280,809	17,000		14½ - 15	5,050	
16 - 16½	6,451,609			15 - 15½	7,000	
16½ - 17	494,237			15½ - 16	60,000	
17 - 17½	2,205,434			16 - 16½	10,000	
				16½ - 17	25,625	
				17 - 17½	5,300	
				17½ - 18		
				18 - 18½		
				18½ - 19		
				19 - 19½		
TOTAL	51,600,408	10,477,475	793,054		1,193,337	1,042,435
TOTAL HUMAN	62,077,883					
GRAND TOTAL		62,870,937				2,235,772

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING NOVEMBER 1953 3/ (F.O.B. Plant)

Price 1/	1-2½ lb. packages	5 lb. packages	All other pkgs. including bbls. & drums	Total reported shipments
Cents	P o u n d s			
27½ - 28½			55,640	55,640
30 - 31			151,420	151,420
31 - 32			164,700	164,700
32 - 33			562,850	562,850
33 - 34		209,700	272,658	482,358
34 - 35		-	112,809	112,809
35 - 36	635,116	-	205,300	840,416
37 - 38	-	518,015	1,855	519,870
38 - 39	-	331,635	267,286	598,921
39 - 40	-	-	294,937	294,937
40 - 41	-	358,560	-	358,560
42 - 43	-	879,885	3,780	883,665
44 - 45	18,213	-	-	18,213
45 - 46	-	183,090	-	183,090
47 - 48	1,485,835	-	-	1,485,835
48 - 49	10,121	-	-	10,121
50 - 51	184,548	-	26,334	210,882
TOTAL	2,333,833	2,480,885	2,119,569	6,934,287

- 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 in special packages for export.

	Nonfat Dry Milk Solids		Dry Skim Spray & Roller	Dry Skim An. Feed	N. F. Solids & Dry Skim	Dry Buttermilk			Dry Whole Milk			Total shipments
	Spray	Roller				Human Food	Animal Feed	Human and Animal	1-2 1/2 lb. pkgs.	5-lb. pkgs.	Other pkgs. incl. bbls. & drums	
	----- C e n t s p e r p o u n d -----											
Nov. 1953	15.51	13.40	15.15	9.82	15.09	14.85	7.84	11.58	45.08	40.74	35.09	40.47
Oct. 1953	15.56	12.84	14.93	9.16	14.82	13.10	7.59	11.17	49.69	41.29	33.42	40.46
Nov. 1952	16.86	15.42	16.60	12.25	16.53	15.00	11.41	13.16	49.31	45.00	40.69	44.92
Nov. 1947-1951	13.93	12.70	13.60	9.74	13.53	13.09	9.52	11.41	47.03	43.81	37.80	41.79

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

MANUFACTURERS' AVERAGE CARLOT SELLING PRICES OF EVAPORATED WHOLE MILK  
IN CASES OF 48 14 1/2-OZ. CANS, BY GEOGRAPHIC DIVISIONS, NOVEMBER 1953  
WITH COMPARISONS 1/

Geographic Division	November 1952	October 1953	November 1953
	D o l l a r s		
New England	6.39	5.79	5.83
Middle Atlantic	6.37	5.75	5.80
South Atlantic	6.39	5.80	5.84
East North Central	6.31	5.71	5.80
West North Central	6.36	5.78	5.82
South Central	6.42	5.85	5.89
North Western	6.48	5.94	5.95
South Western	6.46	5.94	5.96
United States	6.39	5.80	5.85

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.

Prices paid in November at 17 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order

Chicago \$3.303

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 October 26, 1953 through November 25, 1953 averaged for:

Spray 15.20 cents per pound  
Roller 13.13 cents per pound

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a decline of 57 percent from a year earlier but a gain of 12 percent from the 5-year average for the date.

Stocks of dry whole milk were 11,316,000 pounds on November 30, a decline of 33 percent from a year earlier and 35 percent from the 5-year average for the date. These stocks are the lowest for the date since 1943. Spray-dried whole milk stocks were 11,055,000 pounds, a decline of 35 percent both from a year earlier and from the 5-year average for November 30. Roller-dried whole milk stocks were 261,000 pounds which is a gain of 832 percent from a year earlier but a decline of 12 percent from the 5-year average for the date.

Stocks of dry skim milk for animal feed at the end of November were 1,246,000 pounds, a decline of 39 percent from a year earlier and 17 percent from the 5-year average for the date. Dry buttermilk stocks were 9,861,000 pounds, a decline of 19 percent from a year earlier but a gain of 80 percent from the 5-year average. The stocks of dry buttermilk were the third highest for the date in 23 years of record.

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AVERAGE PRICES PAID BY CONDENSERIES FOR MILK TO BE USED  
PRIMARILY FOR EVAPORATED MILK DURING NOVEMBER 1953 <sup>1/</sup> WITH COMPARISONS

State and Division	November 1952			October 1953			November 1953		
	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	Pot.	Dollars	Dollars	Pot.	Dollars	Dollars	Pot.	Dollars
N. Y.	4.44	3.99	1.11	3.27	4.01	.81	3.45	3.91	.95
M. Atl. <sup>2/</sup>	4.51	4.08	1.11	3.65	4.09	.89	3.67	4.14	.89
Va.	4.89	5.12	.95	3.77	4.91	.77	3.90	5.07	.77
S. Atl. <sup>2/</sup>	4.85	4.99	.97	3.77	4.80	.78	3.90	4.93	.79
Ohio	4.46	4.34	1.03	3.65	4.19	.87	3.76	4.29	.88
Ind.	4.69	4.50	1.04	3.87	4.32	.90	3.99	4.46	.90
Ill.	4.30	3.95	1.09	3.35	3.76	.89	3.45	3.83	.90
Mich.	4.37	4.15	1.05	3.58	4.03	.89	3.62	4.04	.89
Wis.	4.40	3.96	1.11	3.68	3.89	.95	3.70	3.87	.96
E.N.C.	4.43	4.13	1.07	3.64	4.02	.91	3.70	4.04	.92
Iowa	4.06	3.89	1.04	3.37	3.77	.89	3.42	3.80	.89
Mo.	5.04	4.96	1.02	3.87	4.64	.84	3.93	4.72	.83
Kans.	4.62	4.47	1.03	3.62	4.25	.85	3.67	4.35	.85
W. N. C. <sup>2/</sup>	4.65	4.52	1.03	3.71	4.34	.86	3.75	4.38	.86
Ky.	4.79	5.03	.95	3.74	4.84	.77	3.84	4.95	.78
Tenn.	4.92	5.18	.95	3.79	4.95	.77	3.92	5.11	.77
Ala.	5.21	5.27	.99	3.80	4.96	.77	3.96	5.18	.75
Miss.	4.92	5.16	.95	3.80	5.01	.76	3.91	5.13	.76
S. Cen. <sup>2/</sup>	4.90	5.11	.96	3.80	4.91	.77	3.91	5.05	.78
Idaho	4.73	4.26	1.11	3.89	4.14	.94	3.96	4.20	.94
Wash.	4.93	4.53	1.08	4.24	4.61	.92	4.29	4.58	.94
Oregon	5.13	4.96	1.03	4.21	4.84	.87	4.28	4.93	.87
N. W.	4.84	4.44	1.09	4.04	4.36	.93	4.08	4.36	.93
Colo.	4.53	3.94	1.15	3.25	3.83	.85	3.37	3.96	.85
Utah	4.16	3.69	1.13	3.15	3.55	.89	3.24	3.67	.88
Calif.	5.03	4.23	1.19	3.97	4.09	.97	4.01	4.14	.97
S. W. <sup>2/</sup>	4.87	4.13	1.18	3.82	4.00	.96	3.86	4.06	.95
U. S. <sup>2/</sup>	4.63	4.39	1.05	3.74	4.30	.87	3.80	4.32	.89

<sup>1/</sup> Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.o.b. plant.

<sup>2/</sup> Includes prices for some States not shown separately.

MILK PURCHASED BY CONDENSERIES, NOVEMBER 1953, WITH COMPARISONS <sup>1/</sup>

	Unit	Average 1947-51	1952	1953
Purchases, reported total	Pounds	376,940,000	399,302,000	425,363,000
Producers	Number	153,000	151,000	147,000
Average daily purchases per producer	Pounds	82.2	88.1	96.5
Change in purchases per producer 1953 from 1952	Percent	XXXX	XXXX	+9.5
1953 from 5-year average	Percent	XXXX	XXXX	+17.4

<sup>1/</sup> 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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The United States Department of Agriculture purchased 17,106,000 pounds of nonfat dry milk solids during November and 27,352,000 pounds for December through the 24th of the month. Cumulative purchases for the period from April 1 through December 24 totaled 419,274,000 pounds. All these purchases were made for price support. On December 24, 1953, the United States Department of Agriculture held approximately 438,873,000 pounds of unsold supplies of nonfat dry milk solids.

COMMODITY	Nov. 1952 <u>1/</u>	Nov. 1953 <u>2/</u>	Change in Nov. 1953 from		Cumulative total	
			1947-51 average	1952	Jan.-Nov. 1953	Change from Jan.-Nov.1952
	Thousand pounds		Percent		Thous.lb.	Percent
<b>Evaporated and Condensed Milk</b>						
Evaporated whole (case goods)	166,123	152,500	+ 4	- 8	2,400,400	-10
Condensed whole (case goods)	3,279	3,175	-52	- 3	40,610	-19
<b>Dry Milk</b>						
<b>Dry Whole</b>						
Spray process	4,899	7,400	+11	+51	88,975	0
Roller process	340	1,020	+ 2	+200	8,400	+31
<b>Total</b>	<b>5,239</b>	<b>8,420</b>	<b>+10</b>	<b>+61</b>	<b>97,375</b>	<b>+ 2</b>
<b>Dry nonfat solids</b>						
Human food - Spray process	37,266	59,000	+138	+58	868,550	+42
Human food - Roller process	6,582	9,290	+14	+41	237,540	+27
<b>Total (human food)</b>	<b>43,848</b>	<b>68,290</b>	<b>+108</b>	<b>+56</b>	<b>1,106,090</b>	<b>+39</b>
Dry skim milk (animal feed)	1,498	1,570	+129	+ 5	24,005	+ 1
Dry buttermilk	3,153	2,775	+10	-12	45,585	+ 5

1/ Enumerations.  
2/ Estimates.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED, AND DRY MILK, NOVEMBER 30 1/

COMMODITY	Average 1947-51	1952 <u>2/</u>	1953	Change in 1953 from	
				1947-51	1952
	Thousand Pounds			Percent	
<b>Evaporated and Condensed Milk</b>					
Evaporated whole (case goods)	354,798	447,175	339,808	- 4	-24
Condensed whole (case goods)	9,578	7,519	6,047	-38	-20
<b>Dry Milk</b>					
<b>Dry Whole</b>					
Spray process	17,055	16,981	11,055	-35	-35
Roller process	298	28	261	-12	+832
<b>Total</b>	<b>17,353</b>	<b>17,009</b>	<b>11,316</b>	<b>-35</b>	<b>-33</b>
<b>Dry nonfat solids</b>					
Human food - Spray process	28,774	95,207	57,819	+101	-39
Human food - Roller process	11,112	29,346	12,484	+12	-57
<b>Total (human food)</b>	<b>39,886</b>	<b>124,553</b>	<b>70,303</b>	<b>+76</b>	<b>-44</b>
Dry skim milk (animal feed)	1,494	2,032	1,246	-17	-39
Dry buttermilk	5,483	12,135	9,861	+80	-19

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.

Sales of total nonfat milk solids as shown by reporting manufacturers for November were 62,078,000 pounds, a gain of 7 percent from the preceding month and 29 percent from a year earlier. These sales are the highest of record for the month. Sales of dry-whole milk were 6,934,000 pounds, lowest for the month since 1942, a gain of 1 percent from the previous month but a decline of 1 percent from a year earlier. Dry buttermilk sales by manufacturers were 2,236,000 pounds, a decline of 31 percent from the preceding month but a gain of 47 percent from a year earlier.

Manufacturers' selling prices of total nonfat dry milk solids averaged 15.15 cents per pound for November compared with 14.93 cents in October, 16.60 cents for November a year earlier and 13.60 cents for the 5-year average for the month.

Selling prices of spray-dried nonfat milk solids were almost unchanged from the preceding month at 15.51 cents per pound but they were 1 1/3 cents less than a year earlier and nearly 1 2/3 cents higher than the 5-year average for the month. Prices of roller-dried nonfat milk averaged 13.40 cents per pound for November, a gain of more than 1/2 cent from the preceding month, a decline of 2 cents from a year

earlier but a gain of more than 2/3 cent from the 5-year average for November.

Sales of dry skim milk for animal feed averaged 9.82 cents for November, a gain of more than a 1/2 cent from the preceding month but a decline of 2.4 cents from a year earlier and almost no change from the 5-year average. Combining the human food and animal feed, dry buttermilk prices averaged 11.58 cents per pound for November compared with 11.17 cents for October, 13.16 cents for a year earlier and 11.41 cents for the 5-year average for the month.

Prices of dry whole milk in all sizes of packages during November averaged 40.47 cents per pound. This was practically unchanged from the preceding month but almost 4 1/2 cents less than a year earlier and 1 1/3 cents less than the 5-year average. In 1-2 1/2 pound packages, prices averaged 45.08 cents, a decline of more than 4 1/2 cents from the preceding month, 4 1/2 cents from a year earlier and about 2 cents from the 5-year average for the month. In 5-pound packages, prices averaged 40.74 cents, a decline of more than 1/2 cent from the preceding month, down more than 4 cents from a year earlier and more than 3 cents from the 5-year average. In miscellaneous large packages, mostly barrels and drums, the prices averaged 35.09 cents for November compared with 33.42 cents in October, 40.69 cents in November a year earlier and 37.80 cents for the 5-year average for the month.

#### EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for November was estimated at 152,500,000 pounds, a decrease of 8 percent from a year earlier but a gain of 4 percent from the November 1947-51 average, the Agricultural Marketing Service reports. Cumulative production for the first 11 months of 1953 totaled 2,400,400,000 pounds, a decrease of 10 percent from the same period of 1952.

November output of canned condensed whole milk was 3,175,000 pounds, lowest for the month since 1939, a decrease of 3 percent from a year earlier and 52 percent from the November 5-year average. During the first 11 months of 1953, the production was 40,610,000 pounds, a decline of 19 percent from the same period in 1952.

Holdings of evaporated whole milk by manufacturers at the end of November were 339,808,000 pounds, lowest for the date since 1950, down 24 percent from a year earlier and 4 percent from the 5-year average for the date. Stocks of canned condensed whole milk totaled 6,047,000 pounds, lowest for the date since 1949, down 20 percent from a year earlier and 38 percent from the 5-year average for the date.

Manufacturers' selling prices of evaporated whole milk averaged \$5.85 per case of 48 14 1/2-ounce cans for November. This price is 5 cents higher than that of October but 54 cents less than a year earlier. Changes by regions from the preceding month ranged from a gain of 1 cent per case in the Northwestern area to as high as 9 cents per case in the East North Central area.

Prices paid producers by condenseries during November averaged \$3.80 per hundredweight for milk testing 4.32 percent butterfat or an average of 88 cents per pound of butterfat. This is the lowest price per pound of butterfat for the month since 1950. It is 1 cent more than in the preceding month but 17 cents lower than that of a year earlier. Prices paid for butterfat in milk during November ranged from 76 cents in Alabama and Mississippi to as high as 97 cents in California.

Purchases of milk by reporting condenseries during November totaled 425,363,000 pounds and were made from approximately 147,000 producers. Average daily purchases per producer for November were 96.5 pounds which is a gain of between 9 and 10 percent from a year earlier and 17 percent from the 5-year average.