

January 31, 1952

EVAPORATED, CONDENSED, AND DRY MILK REPORT
(December 1951)DRY MILK

Annual production of total nonfat dry milk solids for 1951, at 711,305,000 pounds, was the lowest since 1948 and 19 percent less than in 1950, the Bureau of Agricultural Economics reports. Output of spray-dried nonfat milk solids was also the lowest since 1948, while that of roller-dried nonfat milk solids was the lowest in 9 years of record. Production of dry skim milk for animal feed totaled 12,735,000 pounds for 1951, 28 percent less than that of 1950 and is the lowest production in 17 years of record. Dry whole milk production for the year was 130,770,000 pounds, the highest production since 1948, but only 5 percent more than in 1950. Output of dried buttermilk at 45,020,000 pounds for 1951 was the lowest since 1948. It was 7 percent less than that of 1950.

December production of total nonfat dry milk solids was 35,400,000 pounds, a decline of 9 percent from a year earlier and 17 percent from the 5-year average. Spray-dried nonfat milk production was 28,400,000 pounds, down 10 percent from a year earlier and 2 percent from the 5-year average. Roller-dried nonfat was 7 million pounds for December, down 6 percent from a year earlier and 49 percent from the 1945-49 average.

December output of dry whole milk totaled 5,955,000 pounds, a decline of 36 percent from a year earlier and 43 percent from the 5-year December average. Spray-dried whole milk, at 5,580,000 pounds, was 31 percent less than a year earlier and 40 percent less than the 1945-49 average. Roller-dried whole milk recovered somewhat from the very sharp decline shown in November. Production was 375,000 pounds in December, a decline of 67 percent from a year earlier and 66 percent from the 5-year average.

Output of dry buttermilk during December amounted to 3,200,000 pounds, a gain of 10 percent from both a year earlier and the 5-year average. Production of dry skim milk for animal feed during December was 900,000 pounds, a gain of 12 percent from a year earlier and 23 percent from the 1945-49 average.

While manufacturers' stocks of total nonfat dry milk solids declined sharply during December, the stocks of 42,222,000 pounds at the end of the month were the third highest of record for the date. They were 92 percent greater than a year earlier and 31 percent above the 5-year average. Spray-dried nonfat stocks totaled 35,209,000 pounds, a gain of 121 percent from a year earlier and 65 percent from the 5-year average. Roller-dried stocks were 7,013,000 pounds, a gain of 15 percent from a year earlier but a decline of 36 percent from the 5-year average. Stocks of dry skim milk for animal feed continue at a very high level. At 3,183,000 pounds, stocks were highest for the date since 1940--347 percent above a year earlier and 464 percent above the 5-year average. Holdings of dry buttermilk on December 31 at 8,095,000 pounds were the highest for the date since 1944--133 percent above a year earlier and 86 percent above the 5-year average.

Manufacturers' stocks of dry whole milk at the end of December were 17,961,000 pounds, the highest for the date since 1948, up 76 percent from a year earlier and 25 percent from the 5-year average. Spray-dried whole milk stocks were 17,836,000 pounds, a gain of 79 percent from a year earlier and 25 percent from the 5-year average. Roller-dried stocks were 125,000 pounds, a decline of 55 percent from a year earlier and 30 percent from the 5-year average.

Sales of total nonfat dry milk solids during December totaled 47,670,000 pounds, a decline of 3 percent from November but a gain of 12 percent from a year earlier. Sales of dry whole milk amounted to 6,913,000 pounds, a decline of 2 percent from November and 26 percent from a year earlier. Dry buttermilk sales

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Reported shipments (F.O.B. Plant)

Price 1/	NONFAT DRY MILK SOLIDS (Bulk goods)			DRY SKIM MILK (Bulk goods)		Price 1/	DRY BUTTERMILK (Bulk goods)	
	Spray process	Roller process	Pounds	Animal feed	Human Food		Animal Feed	
6 - 6 1/2			18,330	9,463		6 - 6 1/2	9,800	
7 - 7 1/2				1,040		8 - 8 1/2		78,300
7 1/2 - 8				10,828		8 1/2 - 9		19,000
8 - 8 1/2				6,675		9 - 9 1/2		74,260
8 1/2 - 9				22,060		9 1/2 - 10		37,431
9 - 9 1/2				14,600		10 - 10 1/2		192,965
10 - 10 1/2				278,807		10 1/2 - 11		177,916
10 1/2 - 11				5,446		11 - 11 1/2		187,638
11 - 11 1/2			1,890	60,115		11 1/2 - 12		62,757
11 1/2 - 12				77,988		12 - 12 1/2		366,986
12 - 12 1/2			994,180	55,874		12 1/2 - 13	94,100	2,141
12 1/2 - 13				17,092		13 - 13 1/2	264,600	25,040
13 - 13 1/2	6,490,966		210,037	100,855		13 1/2 - 14	307,716	
13 1/2 - 14	72,448		534,821			14 - 14 1/2	22,400	13,556
14 - 14 1/2	1,299,521		2,770,155	5,805		14 1/2 - 15	14,000	6,900
14 1/2 - 15	6,581,053		2,581,233	7,846		15 - 15 1/2	45,417	
15 - 15 1/2	7,113,481		827,743			15 1/2 - 16	105,125	
15 1/2 - 16	2,845,923		569,080	22,800		16 - 16 1/2	42,975	
16 - 16 1/2	5,211,137		73,004			16 1/2 - 17	9,250	
16 1/2 - 17	5,942,709		37,660			17 - 17 1/2	14,872	
17 - 17 1/2	566,933		99,000			17 1/2 - 18	1,200	
17 1/2 - 18	2,114,994							
18 - 18 1/2	652,910							
18 1/2 - 19	1,700							
19 - 19 1/2	59,415							
20 - 20 1/2								
TOTAL	38,953,250		8,717,133	697,294			931,455	1,244,890
TOTAL HUMAN			47,670,383					
GRAND TOTAL			48,387,677				2,176,345	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING December 1951 2/ (F.O.B. Plant)

Price 1/	1-2 1/2 lb. packages	5 lb. packages	All other pkgs. including bbls. & drums	Total reported shipments
Cents				
30 1/2 - 31 1/2			1,112	1,112
34 1/2 - 35 1/2			176,995	176,995
35 1/2 - 36 1/2			114,868	114,868
36 1/2 - 37 1/2			84,837	84,837
37 1/2 - 38 1/2			282,811	282,811
38 1/2 - 39 1/2			89,207	89,207
39 1/2 - 40 1/2			236,333	236,333
40 1/2 - 41 1/2	585,240	254,940	537,170	1,377,350
41 1/2 - 42 1/2		102,120	210,857	312,977
42 1/2 - 43 1/2				
43 1/2 - 44 1/2	1,782	1,415,085		1,416,847
47 1/2 - 48 1/2	188,381			188,381
49 1/2 - 50 1/2		227,730		277,730
50 1/2 - 51 1/2		35,950		35,950
51 1/2 - 52 1/2	2,332,530			2,332,530
53 1/2 - 54 1/2	34,680			34,680
TOTAL	3,142,613	2,035,805	1,734,190	6,912,608

1/ Classified according to average monthly prices reported by firms.
 2/ Includes some dry whole in special packages for export.

MANUFACTURERS' AVERAGE SELLING PRICES OF DRY MILK SOLIDS - DECEMBER 1951

Month	Nonfat Dry Milk Solids		Dry Skim Milk Solids		N. F. Dry Buttermilk			Dry Whole Milk				
	Spray	Roller	Spray & Roller	Animal Feed	Human Food	Animal Feed	Human and Animal	1-2 1/2 lb. pkgs.	5-lb. pkgs.	Other pkgs. incl. bbls. & drums	Total ship-ments	
Dec. 1951	15.30	14.30	15.12	11.10	15.06	13.91	10.85	12.16	49.33	44.20	39.29	46.19
Nov. 1951	15.19	14.31	15.04	10.77	14.95	13.56	10.48	12.09	48.15	45.91	39.71	45.31
Dec. 1950	13.04	11.53	13.72	9.79	12.65	12.74	9.81	11.28	45.24	39.38	37.11	39.28
Dec. 1945-49	14.38	13.35	14.01	9.70	13.95	13.83	9.17	11.59	1/	1/	1/	43.13

1/ Not available.

Geographic Division	Case goods		Bulk goods			
	Evaporated (48 14 1/2-oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain condensed (Unsweetened)		Sweetened Condensed	
	Dollars		Whole	Skimmed	Whole	Skimmed
New England	6.22	10.80		4.96	18.25	10.32
Middle Atlantic	6.18	10.80	14.61	4.54	16.33	9.58
South Atlantic	6.22	10.80		4.53	17.91	10.56
East North Central	6.08	10.80	12.91	4.64	15.61	9.84
West North Central	6.19	10.80	12.74	5.00	16.77	9.79
South Central	6.22	10.80		5.14	16.74	9.85
North Western	6.28		10.08			
South Western	6.26					
U. S. December 1951	6.19	10.80	12.70	5.38	16.40	10.33
U. S. November 1951	2/6.08	10.80	13.58	4.79	16.36	9.92
U. S. December 1950	5.63	9.72	13.52	4.75	16.33	9.88
			13.07	4.27	15.33	9.25

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. 2/ Revised.

AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT FOR DECEMBER 1951 - 7 GEOGRAPHIC DIVISIONS 1/

Geographic Division	Number of plants or stations	Price per cwt.	
		Range	Average
Middle Atlantic	5	3.90-4.35	4.16
South Atlantic	7	3.46-4.10	3.63
East North Central	83	3.24-4.39	3.81
West North Central	10	3.35-3.82	3.65
South Central	22	3.26-4.15	3.49
North Western	7	3.25-3.88	3.52
South Western	18	3.32-4.02	3.71
U. S. December 1951	152	3.24-4.39	3.73
U. S. November 1951	149	3.18-4.46	3.62
U. S. December 1950	150	2.78-3.80	3.25

1/ No prices available for the New England Division.

Prices paid in December at 18 Midwest condenseries used in determining class prices under the Chicago Milk Marketing Order

Chicago \$3.789

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 November 26, 1951 through December 25, 1951 averaged for:

Spray 15.02 cents per pound
Roller 14.02 cents per pound

totaled 2,176,000 pounds for December, a gain of 15 percent from November and 33 percent from a year earlier.

Manufacturers' selling prices of all dry milk products continued at the highest level for the month in several years. Selling prices of total nonfat dry milk solids averaged 15.12 cents per pound compared to 15.04 cents for November, 12.72 cents a year earlier, and 14.01 cents for the December 5-year average. Prices of spray-dried nonfat milk solids averaged 15.30 cents for December, 15.19 cents for November, 13.04 cents for a year earlier, and 14.38 cents for the 5-year December average. Roller-dried nonfat milk prices at 14.30 cents for December were practically unchanged from the preceding month, up about 2 3/4 cents from a year earlier and approximately 1 cent higher than the 5-year average. Prices of dry skim milk for animal feed averaged 11.10 cents for December, a gain of about one-third cent from November, about 1 1/3 cents both from a year earlier and from the December 5-year average. Dry buttermilk prices for human food and animal food combined averaged 12.16 cents for December, highest for the month since 1948; the price was almost unchanged from November but was higher than the 11.28 cents of December a year earlier and the 11.59 cents for the 5-year December average.

Manufacturers' selling prices of dry whole milk in all sizes of packages registered a sharp gain from a year earlier at 46.19 cents a pound. The December average was 1 cent above November, nearly 7 cents above a year earlier, and about 3 cents above the December 5-year average. In 1-2 1/2 pound packages, December prices averaged 49.33 cents per pound, compared with 48.46 cents in November and 45.24 cents a year earlier. In 5-pound packages, dry whole milk

FOR CANNING DURING DECEMBER 1951 1/ WITH COMPARISONS

State and Division	December 1950			November 1951			December 1951		
	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars	Price paid per 100 lbs. milk Dollars	Butter-fat test Pct.	Price per lb. of butter-fat Dollars
N. Y.	3.93	3.98	.99	4.34	4.02	1.08	4.35	3.82	1.14
Pa.	4.05	4.30	.94	4.57	4.30	1.06	4.43	3.97	1.12
M. Atl.	3.98	4.12	.97	4.43	4.13	1.07	4.38	3.83	1.13
Va.	4.28	5.20	.82	4.78	5.27	.91	4.76	5.12	.93
W. Va.	4.27	4.94	.87	4.77	4.98	.96	4.81	4.86	.99
S. Atl. 2/	4.27	4.97	.86	4.73	5.05	.94	4.76	4.92	.97
Ohio	4.03	4.52	.89	4.48	4.49	1.00	4.58	4.44	1.03
Ind.	4.29	4.71	.91	4.80	4.66	1.03	4.93	4.58	1.08
Ill.	3.74	3.97	.94	4.17	4.04	1.03	4.30	3.98	1.08
Mich.	3.84	4.21	.91	4.27	4.25	1.01	4.33	4.17	1.04
Wis.	3.85	3.88	.99	4.22	4.03	1.05	4.24	3.91	1.08
E.N.C.	3.91	4.13	.95	4.33	4.22	1.03	4.39	4.12	1.07
Minn.	3.50	3.64	.96	3.92	3.82	1.03	4.02	3.68	1.09
Iowa	3.71	3.95	.94	4.13	4.07	1.01	4.19	3.95	1.06
Mo.	4.21	4.80	.88	4.76	5.11	.93	4.82	4.80	1.00
Kans.	3.80	4.39	.86	4.36	4.56	.95	4.44	4.38	1.01
W.N.C.	3.97	4.43	.90	4.48	4.67	.96	4.52	4.40	1.03
Ky.	4.31	5.17	.83	4.71	5.20	.91	4.78	5.06	.94
Tenn.	4.27	5.15	.83	4.79	5.28	.91	4.77	5.07	.94
Ala.	4.31	5.20	.83	5.01	5.33	.94	5.01	5.13	.98
Miss.	4.23	5.10	.83	4.87	5.38	.90	4.80	5.14	.93
Texas	4.20	4.98	.84	5.25	5.29	.99	5.22	5.18	1.01
S. Cen. 2/	4.27	5.13	.83	4.80	5.26	.91	4.81	5.08	.95
Idaho	3.94	4.37	.90	4.77	4.48	1.07	4.87	4.41	1.10
Wash.	4.07	4.66	.87	4.77	4.69	1.02	4.73	4.54	1.04
Oregon	4.21	4.76	.89	4.81	4.96	.97	4.95	4.96	1.00
N. W.	4.01	4.51	.89	4.77	4.59	1.04	4.83	4.50	1.07
Colo.	3.64	4.04	.90	4.64	4.03	1.15	4.62	4.01	1.15
Utah	*3.16	3.62	*.87	3.56	3.58	.99	3.71	3.64	1.02
Calif.	3.85	4.25	.91	4.45	4.22	1.05	4.62	4.27	1.08
S. W. 2/	*3.73	4.14	.90	4.37	4.15	1.05	4.53	4.20	1.08
U. S. 2/	*3.96	4.33	.91	4.47	4.47	1.00	4.51	4.32	1.04

* Revised.

- 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, DECEMBER 1951, WITH COMPARISONS 1/

	Unit	Average 1945-49	1950 2/	1951
Purchases, reported total	Pounds	389,105,000	374,027,000	360,114,000
Producers	Number	147,000	141,000	141,000
Average daily purchases per producer	Pounds	85.4	85.6	82.4
Change in purchases per producer 1951 from 1950	Percent	XXXX	XXXX	-3.7
1951 from 5-year average	Percent	XXXX	XXXX	-3.5

1/ Milk purchased 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. 2/ Revised.

averaged 44.20 cents per pound for December, a decline of 1.7 cents from November but a gain of nearly 5 cents from a year earlier. In miscellaneous large packages, mostly barrels and drums, prices of dry whole milk averaged 39.29 cents a pound compared with 39.71 cents in November and 37.11 cents a year earlier.

COMMODITY	December 1950 1/ Thousand Pounds	December 1951 2/ Thousand Pounds	Change in December 1951 from		Cumulative total	
			1945-49 average	1950	Jan.-Dec. 1951 Thous. lb.	Change from Jan.-Dec. 1950 Percent
Evaporated and Condensed Milk						
Evaporated (case goods)	157,471	141,700	-12	-10	2,898,700	+ 1
Condensed whole (case goods)	3,620	6,190	-26	+71	59,200	- 4
Plain condensed whole (bulk)	15,379	16,900	+97	+10	227,950	+ 3
Plain condensed skimmed (bulk)	32,309	30,000	-12	- 7	494,700	- 5
Sweetened cond. whole (bulk)	2,387	2,050	-31	-14	36,475	- 7
Sweetened cond. skimmed (bulk)	14,000	12,700	- 9	-30	214,700	+ 2
Dry Milk						
Dry Whole						
Spray process	8,131	5,580	-40	-31	120,605	+ 8
Roller process	1,150	375	-66	-67	10,165	-25
Total	9,281	5,955	-43	-36	130,770	+ 5
Dry Nonfat Solids						
Human food - Spray process	31,512	28,400	- 2	-10	550,830	-12
Human food - Roller process	7,409	7,000	-49	- 6	160,475	-38
Total (human food)	38,921	35,400	-17	- 9	711,305	-19
Dry skim milk (animal feed)	803	900	+23	+12	12,735	-28
Dry buttermilk	2,906	3,200	+10	+10	45,020	- 7

1/ Enumeration.
2/ Estimated.

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

COMMODITY	Average		1951	Change in 1951 from	
	1945-49	1950 2/ Thousand Pounds		1945-49	1950
Evaporated and Condensed Milk					
Evaporated (case goods)	205,577	159,559	227,069	+10	+42
Condensed whole (case goods)	7,982	6,883	9,177	+15	+33
Dry Milk					
Dry Whole					
Spray process	14,234	9,955	17,836	+25	+79
Roller process	129	276	125	-30	-55
Total	14,413	10,231	17,961	+25	+76
Dry Nonfat Solids					
Human food - Spray process	21,297	15,931	35,209	+65	+121
Human food - Roller process	10,970	6,099	7,013	-36	+15
Total (human food)	32,267	22,030	42,222	+31	+92
Dry skim milk (animal feed)	564	712	3,183	+464	+347
Dry buttermilk	4,362	3,474	8,095	+86	+133

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.

3/ Includes products purchased by manufacturers from the Government.

EVAPORATED AND CONDENSED MILK

Evaporated whole milk production for the entire year of 1951 totaled 2,898,700,000 pounds, the highest production since 1948, the Bureau of Agricultural Economics reports. Production of canned condensed whole milk totaled 59,200,000 pounds for 1951, lowest output since 1939 and down 4 percent from 1950. Production of plain condensed whole milk for 1951 was the highest in 34 years of record. Plain condensed skim milk output was the lowest since 1948. Sweetened condensed whole milk was the lowest in more than a quarter century.

December output of evaporated whole milk was 141,700,000 pounds, lowest for the month since 1939, down 10 percent from a year earlier and 12 percent from the 5-year December average. Canned condensed whole milk production during December was 6,190,000 pounds, a sharp gain from November. This production was 71 percent above a year earlier but 26 percent below the 1945-49 average.

December production of all condensed bulk goods products except plain condensed whole milk was lower than a year earlier. Plain condensed whole milk at 16,900,000 pounds was at its highest level of production in 32 years of record. It was up 10 percent from a year earlier and 97 percent from the 5-year December

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average. Output of plain condensed skim milk, at 30 million pounds, was the lowest for the month since 1944, down 7 percent from a year earlier and 12 percent from the 1945-49 average. Sweetened condensed whole milk production of 2,050,000 pounds was the lowest for the month since 1948, down 14 percent from a year earlier and 31 percent from the 5-year average. For the entire year of 1951, production totaled 36,475,000 pounds, a decline of 7 percent from 1950. Sweetened condensed skim milk production, at 12,700,000 pounds, represented a decline of 30 percent from a year earlier and 9 percent from the 5-year average. The annual production of sweetened condensed skim milk for 1951 totaled 214,700,000 pounds, a gain of 2 percent from 1950.

Manufacturers' holdings of evaporated whole milk declined sharply during December. At 227,069,000 pounds, they declined approximately 130 million pounds during the month, which is slightly less than the 157 million pound drop a year earlier but aside from that the sharpest decline for the month in a third century of record. Stocks at the end of the month were up 42 percent from a year earlier and 10 percent from the 5-year average despite the sharp seasonal decline. Holdings of canned condensed whole milk, at 9,177,000 pounds on December 31, were the highest for the date since 1948, up 33 percent from a year earlier and 15 percent from the 1945-49 December 31 average.

Manufacturers' selling prices of evaporated milk averaged \$6.19 per case of 48 14 $\frac{1}{2}$ -oz. cans during December. This average price was the highest for the month in 32 years of record, a gain of 11 cents from November and 56 cents from a year earlier. The average annual price for 1951 received by manufacturers was \$6.12 per case of 48 14 $\frac{1}{2}$ -oz. cans, the highest annual price on record for any year except 1948. Selling prices of canned condensed whole milk for both December and for the average throughout the year of 1951 were the highest in 32 years of record. With the exception of January, prices remained unchanged throughout the year of 1951 at \$10.80 per case of 48 14-oz. cans. In December this price was \$1.08 higher than a year earlier.

Manufacturers' selling prices of plain condensed whole milk, bulk goods, during December averaged \$13.58 per hundredweight, the highest for the month since 1948, up 6 cents from November and 51 cents from a year earlier. Sales of plain condensed skim milk during December brought manufacturers an average of \$4.79 per hundredweight, the highest for the month since 1948, up 4 cents from the preceding month and 52 cents from a year earlier. Manufacturers' selling prices of sweetened condensed whole milk for December averaged \$16.36 per hundredweight, highest for the month since 1948, up 3 cents from the preceding month and \$1.03 from a year earlier. Selling prices of sweetened condensed skim milk for December averaged \$9.92 per hundredweight, highest for the month since 1946, up 3 cents from November and 67 cents from a year earlier.

For milk of 3.5 percent butterfat, condenseries paid \$3.73 per hundredweight during December, the highest price for the month since 1947, a gain of 11 cents from November and 48 cents from a year earlier.

Based on actual butterfat test condenseries paid \$4.51 per hundredweight for milk testing 4.32 percent butterfat during December or an average of \$1.04 per pound of butterfat. This price per pound of butterfat is the highest for the month since 1947, up 4 cents from the preceding month and 13 cents from a year earlier. Prices per pound of butterfat by States ranged from 93 cents in Virginia and Mississippi to as high as \$1.15 in Colorado.

Reporting condenseries showed total purchases of 360,114,000 pounds of milk during December from approximately 141,000 producers. This is an average daily purchase of 82.4 pounds per producer, a decline of 4 percent from a year earlier and between 3 and 4 percent from the 5-year average for the month.