

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF AGRICULTURAL ECONOMICS  
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EVAPORATED, CONDENSED, AND DRY MILK REPORT  
(January 1949)

DRY MILK

Production of nonfat dry milk solids in January was greater than in December, but the seasonal gain in production was much smaller than that of last month, the Bureau of Agricultural Economics reports. Sales of nonfat dry milk solids by manufacturers during the month fell below 50 million pounds for the first time since March 1948. Manufacturers' stocks of nonfat dry milk solids on January 31 were 229 percent larger than on the same date a year ago and 65 percent larger than the 5-year average holdings for the date. Selling prices of all dry milk products were lower in January than in December.

The total production of nonfat dry milk solids during January was estimated at 54,275,000 pounds, the largest ever reported for the month and 21 percent above the previous January record established in 1947. Output this January was 44 percent larger than that of January 1948, 9 percent larger than in December 1948 and 44 percent larger than the 5-year (1943-47) January average. Spray-dried nonfat milk solids produced in January totaled 40,175,000 pounds. This was 8 percent greater than in December, 59 percent greater than in January 1948, and 94 percent greater than the 1943-47 January average. The production of roller-dried nonfat milk solids in January was 14,100,000 pounds, up 12 percent from December, and up 13 percent from January 1948, but down 17 percent from the 5-year average for the month. The seasonal gains in production from December to January were much smaller than those of a month earlier, and were smaller also than the corresponding seasonal gains a year ago and during the 5-year 1943-47 period.

Total output of dry whole milk in January, estimated at 11,400,000 pounds, was 24 percent greater than in December, but was 10 percent less than in January 1948 and 12 percent less than the 5-year January average. Output of spray-dried whole milk in January was 9,650,000 pounds, 21 percent greater than in December, but 12 percent less than in January 1948. Production of roller-dried whole milk in January was 1,750,000 pounds, up 44 percent from December and up 2 percent from January 1948.

The production of dry buttermilk in January, 3,300,000 pounds, was 7 percent greater than in December, and 13 percent greater than in January 1948, but 16 percent less than the 5-year January average. The output of dry skim milk for animal feed in January was 1,575,000 pounds. This was an increase of 119 percent from December, 110 percent from January 1948 and 51 percent from the 5-year January average.

Total sales of nonfat dry milk solids by manufacturers during January were reported as 47,857,000 pounds. This was a decline of 17 percent below the volume of sales reported for December, but an increase of 11 percent above the volume of sales reported for January 1948. As a consequence of larger production and smaller sales than in December the stocks of nonfat dry milk solids in manufacturers' hands continued to increase. Reported stocks on January 31 were 49,627,000 pounds, a record high for the date. Stocks were 12 percent above those on December 31 and up 329 percent from the reported holdings on January 31, 1943.

Reported sales of spray-dried nonfat milk solids during January were 34,137,000 pounds, down 14 percent from December. Sales of roller-dried nonfat milk solids in January were 13,720,000 pounds, down 9 percent from December.

(Continued on page 4)

MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING JANUARY 1949  
Reported shipments (F.O.B. plant)

Price 1/ Cents	NONFAT DRY MILK SOLIDS (Bulk goods)			Price 1/ Cents	DRY BUTTERMILK (Bulk goods)	
	Spray process	Roller process	Animal feed		Human food	Animal feed
	Pounds				Pounds	
5 -5½			3,320	7½ -8		4,200
7 -7½			1,480	8 -8½		5,100
7½ -8			35,195	8½ -9		19,965
8 -8½			83,718	9 -9½		86,376
8½ -9		101,300	19,244	9½ -10		36,475
9 -9½		933,660	227,818	10 -10½	171,022	236,555
9½ -10		404,958	79,318	10½ -11	20,200	465,160
10 -10½	493,875	1,406,043	563,742	11 -11½	65,375	38,233
10½ -11	155,000	1,376,648	71,634	11½ -12	-	51,160
11 -11½	1,633,560	1,365,752	61,794	12 -12½	6,069	19,150
11½ -12	1,132,785	1,020,505	18,642	12½ -13	9,925	9,000
12 -12½	3,771,800	1,171,911	14,564	13 -13½	1,960	4,600
12½ -13	2,223,111	274,286	4,633	13½ -14	808,605	6,200
13 -13½	4,081,744	4,656,030	3,200	14 -14½		
13½ -14	3,012,398	321,031	10,940	14½ -15		
14 -14½	8,300,120	583,350	5,600	15 -15½		
14½ -15	6,492,487		10,785	15½ -16		
15 -15½	2,413,272		73,455	16 -16½		
15½ -16	417,306		20,000			
16 -16½	10,188					
<b>TOTAL</b>	<b>34,137,636</b>	<b>13,719,714</b>	<b>1,204,842</b>		<b>1,149,731</b>	<b>982,174</b>
<b>TOTAL HUMAN</b>	<b>47,857,350</b>					
<b>GRAND TOTAL</b>		<b>49,062,192</b>			<b>2,131,905</b>	

NOTE: Monthly average prices with comparisons on page 3.

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING JANUARY 1949 2/  
Reported shipments (F.O.B. plant)

Price 1/ Cents	1-2½ lb. packages	5 lb. packages	All other pkgs. in- cluding bbls. & drums	Total
				reported shipments
	Pounds			
25½ -26½			136,950	136,950
26½ -27½			53,157	53,157
27½ -28½			1,023,145	1,023,145
28½ -29½			211,100	211,100
29½ -30½			18,360	18,360
30½ -31½			677,405	677,405
31½ -32½	346,129		38,166	384,295
32½ -33½	-		37,560	37,560
33½ -34½	-	13,415	2,550	15,965
34½ -35½	500,615	538,000	370,100	1,408,715
35½ -36½	-	331,620	-	331,620
36½ -37½	-	-	163,509	163,509
37½ -38½	279,992	-	2,015	282,007
38½ -39½	48,240	-	347,702	395,942
39½ -40½	-	-	938,693	938,693
40½ -41½	-	-	44,366	1,930,801
41½ -42½	1,866,435	-	-	163,030
42½ -43½	-	163,030	-	802,093
43½ -44½	623,879	-	178,214	29,958
44½ -45½	-	-	52,890	52,890
45½ -46½	-	-	-	222,263
46½ -47½	18,333	203,930	-	62,352
47½ -48½	-	32,080	30,272	451,317
48½ -49½	-	-	-	548,930
49½ -50½	461,317	-	-	1,299,413
50½ -51½	-	548,930	-	
51½ -52½	-	-	-	
52½ -53½	1,299,413	-	-	
53½ -54½	-	-	-	
54½ -55½	-	-	-	
55½ -56½	-	-	-	
56½ -57½	-	-	-	
57½ -58½	-	-	-	
<b>TOTAL</b>	<b>5,451,355</b>	<b>1,831,005</b>	<b>4,356,112</b>	<b>11,641,470</b>

1/ Classified according to average monthly prices reported by firms.

2/ Includes some dry whole in special packages for export.

AVERAGE SELLING PRICES OF DRY MILK SOLIDS  
DURING JANUARY 1949 WITH COMPARISONS

Month	Nonfat dry milk solids			Dry skim solids		N.F. & dry skim			Dry buttermilk			Dry whole milk	
	Spray	Roller	Roller&feed	Spray&an.	feed	Human	Animal	and	1-2 1/2 lb.	5-lb.	incl. bbls.	Total	Other pkgs.
Cents per pound													
Jan. 1949	13.61	11.85	13.10	9.83	13.02	13.16	10.42	11.90	45.57	43.61	34.35	41.06	
Dec. 1948	15.48	14.12	15.11	11.57	15.05	15.71	10.72	12.78	50.57	46.67	41.89	46.17	
Jan. 1948	14.80	14.29	14.61	10.16	14.52	14.17	9.89	12.31	49.78	48.00	42.93	45.90	
Jan. 1943-47	1/	1/	13.86	8.83	13.75	13.61	8.52	10.96	1/	1/	1/	36.32	

1/ Not available.

NOTE: Milk purchases by condenseries on page 4.

AVERAGE MANUFACTURERS' CARLOT SELLING PRICES OF EVAPORATED AND CONDENSED MILK  
BY GEOGRAPHIC DIVISIONS JANUARY 1949 \*

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 Cond.	
			Whole	Skimmed	Whole	Skimmed
Dollars		Dollars per hundredweight				
New England	5.84	9.60	-	4.97	17.34	9.22
Middle Atlantic	5.79	9.60	14.85	4.77	16.08	8.20
South Atlantic	5.87	9.60	-	4.12	17.94	9.04
East North Central	5.69	9.60	13.10	4.17	14.57	8.33
West North Central	5.74	-	11.50	4.77	15.84	8.74
South Central	5.83	9.60	-	4.72	16.01	8.42
North Western	5.87	-	12.00	-	-	-
South Western	3.00	-	-	4.48	14.86	8.78
U. S. JAN. 1949	5.81	9.60	13.86	4.49	15.53	8.54
U. S. DEC. 1948	5.95	9.60	14.76	4.90	16.48	8.95
U. S. JAN. 1948	5.83	8.93	14.75	4.84	16.75	8.92

\* 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.

AVERAGE PRICES PAID PRODUCERS BY CONDENSERIES FOR 3.5% MILK F.O.B. PLANT FOR  
JANUARY 1949 - 7 GEOGRAPHIC DIVISIONS 1/

Geographic Division	Number of plants or stations	Price per cwt.	
		Range Dollars	Average Dollars
Mid. Atlantic	4	3.11-4.60	4.17
South Atlantic	7	2.89-3.65	3.07
East North Central	86	2.77-3.88	3.05
West North Central	11	2.30-3.11	2.94
South Central	18	2.76-3.35	2.91
North Western	8	2.95-3.43	3.23
South Western	18	2.93-4.05	3.38
U. S. JAN. 1949	152	2.30-4.60	3.10
U. S. DEC. 1948	152	2.80-4.85	3.33
U. S. JAN. 1948	159	3.41-5.31	4.16

1/ No prices available for the New England Division.

Prices paid at Midwest condenseries used in determining class prices under the New York and Chicago Milk Marketing Order for January

New York City \$3.061

Chicago \$3.068

AVERAGE PRICES PAID BY CONDENSERS FOR MILK  
FOR CANNING DURING JANUARY 1949 1/ WITH COMPARISONS

State and Div.	January 1949			December 1948 2/			January 1948		
	Price paid	Butter- fat	Price per lb. of butter- fat	Price paid	Butter- fat	Price per lb. of butter- fat	Price paid	Butter- fat	Price per lb. of butter- fat
	per 100 lbs. milk	test	Dollars	per 100 lbs. milk	test	Dollars	per 100 lbs. milk	test	Dollars
N. Y.	4.38	3.94	1.11	5.04	4.07	1.24	5.12	3.84	1.33
M. Atl. 3/	4.57	4.05	1.13	5.10	4.17	1.22	5.18	3.96	1.31
Va.	3.92	4.82	.81	4.29	4.98	.86	4.98	4.89	1.02
W. Va.	3.81	4.72	.81	4.20	4.87	.86	5.25	4.85	1.08
S. Atl. 3/	3.98	4.79	.83	4.31	4.92	.88	5.12	4.85	1.06
Ohio	3.41	4.20	.82	3.95	4.42	.89	5.13	4.48	1.15
Ind.	3.70	4.53	.82	4.04	4.62	.87	5.34	4.62	1.16
Ill.	3.29	3.83	.86	3.62	3.88	.93	4.73	3.85	1.23
Mich.	3.44	4.08	.84	3.85	4.17	.92	4.84	4.19	1.15
Wis.	3.27	3.71	.88	3.69	3.80	.97	4.60	3.72	1.24
E. N. C.	3.37	3.95	.85	3.79	4.07	.93	4.79	3.99	1.20
Minn.	2.89	3.54	.82	3.12	3.58	.87	4.29	3.63	1.18
Iowa	3.22	3.83	.84	3.40	3.87	.88	4.43	3.80	1.17
Mo.	3.96	4.78	.83	4.06	4.86	.84	5.16	4.76	1.08
Kans.	3.62	4.28	.85	3.79	4.30	.88	4.95	4.46	1.11
W. N. C.	3.60	4.32	.83	3.75	4.38	.86	4.80	4.28	1.12
Ky.	3.80	4.86	.78	4.19	5.03	.83	5.13	4.91	1.05
Tenn.	3.87	4.95	.78	4.21	5.06	.83	5.08	4.99	1.02
Miss.	3.89	5.02	.78	4.39	5.31	.82	5.19	5.06	1.03
Texas	4.28	5.06	.85	4.60	5.22	.88	5.09	4.92	1.04
S. Cent. 3/	3.90	4.91	.79	4.26	5.10	.83	5.15	4.96	1.04
Idaho	3.79	4.45	.85	4.14	4.50	.92	5.07	4.40	1.15
Wash.	4.03	4.28	.94	4.59	4.35	1.06	4.70	4.32	1.09
Ore.	4.54	4.88	.93	4.69	4.94	.95	4.88	4.76	1.03
N. W.	3.94	4.45	.89	4.34	4.50	.96	4.88	4.40	1.11
Colo.	3.90	4.10	.95	4.13	4.13	1.00	4.82	4.02	1.20
Utah	3.36	3.67	.92	3.64	3.70	.98	4.51	3.58	1.26
Calif.	4.19	4.27	.98	4.27	4.28	1.00	4.52	4.13	1.09
S. W. 3/	4.00	4.13	.97	4.14	4.15	1.00	4.52	4.02	1.13
U. S. 3/	3.61	4.19	.86	3.96	4.30	.92	4.81	4.15	1.16

1/ Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.o.b. plant, country receiving station or concentrating station, and therefore include hauling costs. 2/ Revised.

3/ Includes prices for some States not shown separately.

MILK PURCHASES BY CONDENSERS JANUARY 1949, WITH COMPARISON \*

	Unit	January		January average 1943-47
		1949	1948	
Purchases, reported total	Pounds	420,877,000	384,051,000	418,636,000
Producers	Numbers	152,000	136,000	141,000
Average daily purchases per producer	Pounds	89.3	91.1	95.8
Changes in purchases per producer 1949 from 1948	Percent	-2.0	XXXX	XXXX
1948 from 5-yr. average	"	-6.8	XXXX	XXXX

\* These figures represent milk purchases at evaporated and condensed (case goods) milk plants, some of which milk may be diverted at times to the manufacture of other products.

Reported stocks of spray-process in manufacturers' hands on January 31 were 36,473,000 pounds, up 20 percent from December 31 and up 241 percent from January 31, 1948. Manufacturers' stocks of roller-process on January 31 were 13,154,000 pounds, down 6 percent from December 31, but up 193 percent from January 31, 1948. At the end of January stocks of spray-process were 119 percent above the 5-year average for the date whereas stocks of roller-process were 2 percent below the 5-year average of holdings for the date.

Reported sales of dry whole milk by manufacturers during January totaled 11,641,000 pounds, down 17 percent from December, but up 3 percent from January 1948. Stocks of dry whole milk in manufacturers' hands on January 31 were 16,098,000 pounds, down 13 percent from December 31, but up 33 percent from January 31, 1948 and up 26 percent from the average holdings for the date during 1943-47. Spray process stocks on January 31 constituted 99 percent of total stocks of

COMMODITY	Jan. 1949 1/	Jan. 1948 1/	Change in Jan. 1949 from		Cumulative total	
			1948	1943-47 average	January 1949	Change from January 1948
	Thousand pounds	pounds	Percent		Thous. lb.	Percent
<u>Evaporated and Condensed Milk</u>						
Evaporated (case goods)	154,100	176,250	-13	-25	154,100	-13
Condensed whole (case goods) 2/	10,950	9,750	+12	+24	10,950	+12
Plain Condensed Whole (bulk)	11,500	13,000	-12	+42	11,500	-12
Plain Condensed Skimmed (bulk)	29,630	30,000	- 1	- 1	29,630	- 1
Sweetened Cond. Whole (bulk)	2,950	3,480	-15	-31	2,950	-15
Sweetened Cond. Skimmed (bulk)	12,300	11,850	+ 4	-52	12,300	+ 4
<u>Dry Milk</u>						
Dry Whole						
Spray process	9,650	10,950	-12	3/	9,650	-12
Roller process	1,750	1,710	+ 2	3/	1,750	+ 2
Total	11,400	12,660	-10	-12	11,400	-10
<u>Dry Nonfat Solids</u>						
Human Food - Spray process	40,175	25,300	+59	+94	40,175	+59
Human Food - Roller process	14,100	12,500	+13	-17	14,100	+13
Total (Human food)	54,275	37,800	+44	+44	54,275	+44
Dry skim milk (animal feed)	1,575	750	+110	+51	1,575	+110
Dry buttermilk	3,300	2,925	+13	-16	3,300	+13

1/ Estimated. Subject to revision when enumerations are available for 1948.

2/ Starting January 1949 estimates for whole milk only. Comparable data published currently for a year earlier are revised to show whole milk only.

3/ Spray and roller dry whole milk not reported separately prior to 1945.

#### MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY MILK JANUARY 31

COMMODITY	1949	1948 1/	Average 1943-47	Change in 1949 from	
				1948	1943-47 av.
	Thousand pounds			Percent	
<u>Evaporated and Condensed Milk</u>					
Evaporated (case goods)	297,463	95,433	115,767	+212	+157
Condensed whole (case goods)	9,504	8,682	5,755	+ 9	+65
<u>Dry Milk</u>					
Dry Whole					
Spray process	15,918	11,798	2/	+35	2/
Roller process	180	375	2/	-52	2/
Total	16,098	12,173	12,764	+32	+26
<u>Dry Nonfat Solids</u>					
Human food - Spray process	36,473	10,591	16,652	+244	+119
Human food - Roller process	13,154	4,489	13,375	+193	- 2
Total (Human food)	49,627	15,080	30,027	+229	+65
Dry skim milk (animal feed)	902	361	747	+150	+21
Dry buttermilk	6,725	4,056	4,956	+64	+35

1/ Revised to include late reports. 2/ Not reported separately prior to January 1945.

dry whole milk.

Sales of dry skim milk for animal feed during January totaled 1,205,000 pounds, 27 percent larger than in December and 43 percent larger than in January 1948. Stocks of dry skim milk for animal feed held by manufacturers on January 31 were 902,000 pounds, up 27 percent from December and up 150 percent from January 31, 1948. Sales of dry buttermilk during January totaled 2,132,000 pounds, 24 percent greater than in December, but 12 percent less than in January a year ago. Manufacturers' stocks of dry buttermilk on January 31 were 6,725,000 pounds. This was 13 percent greater than at the end of December, 64 percent greater than on January 31, 1948 and 35 percent greater than the 5-year average holdings for the date.

Reported selling prices for spray process nonfat dry milk solids during January averaged 61 cents per pound. This average price was 1.37 cents per pound less than during December and was 1.19 cents less than during January a year ago. Selling prices for roller process nonfat dry milk solids during January averaged 11.85 cents per pound. This average price was 2.27 cents per pound less than during December and 2.44 cents less than in January 1948. The average price for all nonfat dry milk solids in January was 13.10 cents per pound, 2.01 cents less than in December and 1.51 cents less than in January 1948.

Manufacturers' selling prices for dry whole milk in all of package types declined from December to January. The overall average price in January was 41.06 cents per pound compared with 46.17 cents in December and 45.90 cents in January 1948. The average price for 1-2 1/2 lb. packages (Continued on page 6)

declined 5 cents per pound, the average price for 5 lb. packages declined 3.06 cents per pound and the average price for all other packages, including barrels and drums, declined 7.54 cents per pound. All prices were substantially less than in January 1948. The reported average price for dry skim milk for animal feed during January was 9.33 cents per pound, down 1.74 cents from December. It was down only 0.33 cent from January 1948 and was 1 cent above the 5-year January average. The average price for all dry buttermilk in January was 0.88 cent less than in December and 0.41 cent less than in January 1948. The reported average price for dry buttermilk for human food in January declined 2.55 cents per pound from the December average whereas the average price of dry buttermilk for animal feed declined only 0.3 cent per pound.

#### EVAPORATED AND CONDENSED MILK

Despite the lowest January production of evaporated milk in a decade, stocks held by manufacturers continued at a record high for the date and manufacturers' selling prices were weak throughout January and February, the Bureau of Agricultural Economics reports. Evaporated milk production for January at 154,100,000 pounds was 13 percent below a year earlier, 25 percent down from the 5-year average and was the lowest January since 1939.

Canned condensed whole milk production during January was 10,950,000 pounds, the highest for the month since 1930. January output was 12 percent higher than a year earlier and 24 percent up from the 1943-47 average for the month.

Output of condensed bulk goods items in January were all lower than a year earlier except sweetened condensed skim milk. Plain condensed whole milk was 11,500,000 pounds for January, a decline of 12 percent from a year earlier but still 42 percent above the 5-year average. It is the third highest output on record for the month. Plain condensed skim milk at 29,630,000 pounds for January was down 1 percent, both from a year earlier and from the 5-year average. Sweetened condensed whole milk at 2,950,000 pounds in January was 15 percent lower than a year earlier and 31 percent down from the 1943-47 average for the month. The seasonal gain in output from December to January was 26 percent this year, compared with an 8 percent decline a year earlier and a 5-year average seasonal gain of 17 percent. January output of sweetened condensed skim milk was 12,300,000 pounds, up 4 percent from a year earlier but down 52 percent from the 5-year average.

While stocks of evaporated milk held by manufacturers have declined nearly one-third of a million pounds during the period of October 31, 1948 to January 31, 1949, the stocks on the latter date are still the highest for the date on thirty years of records. At 297,463,000 pounds on January 31, stocks were 212 percent higher than a year earlier and 157 percent up from the 5-year average for the end of January. Holdings of condensed milk, case goods, were 9,504,000 pounds, a gain of 9 percent from a year earlier, and 65 percent from the January 31, 1943-47 average.

Manufacturers' selling prices of evaporated milk for January were lower than in the preceding month, but prices of condensed milk were unchanged. Evaporated milk prices average \$5.81 per case of 48 14 $\frac{1}{2}$ -oz. cans for January, a 14 cent decline from December and 2 cents down from a year earlier. While prices of sweetened condensed whole milk were unchanged from a month earlier, the average of \$9.60 per case of 48 14-oz. cans for January was 67 cents above a year earlier.

Prices of all bulk goods items for January were lower than both the previous month and a year earlier. Plain condensed whole milk prices for January averaged \$13.86 per hundredweight, down 90 cents from a month earlier and down 89 cents from a year earlier. Prices of plain condensed skim milk averaged \$4.49 per hundredweight for January, a decline of 41 cents from the previous month and down 35 cents from a year earlier. Prices of sweetened condensed whole milk averaged \$15.53 per hundredweight for January, a decrease of 95 cents from the previous month and \$1.22 from a year earlier. Sweetened condensed skim milk prices averaged \$3.54 per hundredweight during January, 41 cents down from December and 38 cents below a year earlier.

Average prices paid by condenseries for milk of 3.5 percent butterfat were \$3.10 per hundredweight for January, a decline of 23 cents from the preceding month and \$1.06 down from a year earlier. The January price is lower than that of any month since June 1947. Comparing the present price with past Januarys, it is higher than any other except 1947 and 1948.

On the basis of actual butterfat tests of milk purchased, prices paid by condenseries averaged \$3.61 per hundredweight for milk of 4.19 percent butterfat during January. The price per pound of butterfat in this milk averaged 86 cents in January, compared with 92 cents in December and \$1.16 per pound for January 1948. Prices per pound butterfat by States in January ranged from 78 cents in Kentucky, Tennessee, and Mississippi to \$1.11 per pound for New York.

Condenseries reported the purchase of 420,877,000 pounds of milk during January from approximately 152,000 producers. Average daily purchases per producer were 89.3 pounds for January, a decline of 2 percent from a year earlier and 7 percent from the 5-year average.