

U. S. DEPARTMENT OF AGRICULTURE  
BUREAU OF AGRICULTURAL ECONOMICS  
WASHINGTON, D. C.

May 31, 1949

EVAPORATED, CONDENSED, AND DRY MILK REPORT  
(April 1949)

DRY MILK

Production of total nonfat dry milk solids for April was the highest of record for any month except for June 1947, the Bureau of Agricultural Economics reports. Stocks on April 30 were the highest on record for the date except for 1947 and manufacturers' selling prices strengthened during both April and May but were much below those of a year earlier.

In April, the production of total nonfat dry milk solids was 94,350,000 pounds, a gain of 45 percent from a year earlier and 41 percent from the five-year average. During the first four months of 1949, production totaled 282,490,000 pounds, an increase of 46 percent from the same period in 1948.

Output of spray-dried nonfat milk solids in April was the highest ever recorded for any month and was more than one-third higher than the previous April record in 1947. At 62,000,000 pounds, production was up 55 percent from a year earlier and 84 percent from the five-year average. From January through April a total of 196,705,000 pounds was produced, a gain of 58 percent from the same period in 1948. Production of roller-dried nonfat milk solids was 32,250,000 pounds, a gain of 30 percent from a year earlier but a decrease of 3 percent from the five-year April average. During the first four months of 1949, 85,785,000 pounds were produced, a gain of 24 percent from the same period in 1948.

Dry whole milk production was 12,275,000 pounds for April, a decline of 19 percent from a year earlier and 24 percent from the five-year average. During the period from January through April, production totaled 44,175,000 pounds, a 16 percent decline from the same months of 1948. Spray-dried whole milk output was 10,900,000 pounds in April and roller-dried whole milk was 1,375,000 pounds.

Production of dry skim milk for animal feed during April was 2,785,000 pounds, up 80 percent from a year earlier, 38 percent from the 1943-47 average, and the highest for the month since 1942. The total of 7,645,000 pounds for the first four months of 1949 was 96 percent above the same period in 1948. Dry buttermilk production was 4,495,000 pounds for April, up 6 percent from a year earlier, but down 8 percent from the 1943-47 average.

Stocks of total nonfat dry milk solids held by manufacturers on April 30 were the highest for the date on record except for 1947. Totalling 75,061,000 pounds, they were 90 percent above a year earlier and 42 percent above the five-year average for the date. Holdings of the spray-dried product were 47,079,000 pounds at the end of April, a gain of 109 percent from a year earlier and 67 percent from the five-year average. Stocks of the roller-dried product were 27,982,000 pounds, up 65 percent from a year earlier and 14 percent from the 1943-47 average. Manufacturers' sales of total nonfat dry milk solids were 87,720,000 pounds for April, up 39 percent from a year earlier, 56 percent from the five-year average, and the highest of record for the month.

Manufacturers' stocks of dry whole milk on April 30 were 14,198,000 pounds, a decline of 4 percent from a year earlier and 13 percent from the five-year average for the date. Sales of dry whole milk by reporting firms were 11,222,000 pounds during April, a decline of 2 percent from a year earlier and 20 percent from the 1943-47 average. Dryers reported reserves of 13,994,000 pounds of spray-

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NONFAT DRY MILK SOLIDS (Bulk goods) Human food				DRY BUTTERMILK (Bulk goods)		
Price 1/ Cents	Spray process	Roller process	DRY SKIM Animal feed	Price 1/ Cents	Human food	Animal feed
5 -5½			4,264	6½ -7		15,650
6 -6½			116,905	7 -7½		362,727
7 -7½			29,089	7½ -8		102,230
7½ -8			198,900	8 -8½	21,110	243,916
8 -8½			150,558	8½ -9	279,340	363,421
8½ -9		76,809	487,614	9 -9½	-	142,041
9 -9½		1,338,705	545,311	9½ -10	-	210,569
9½ -10		2,847,270	109,745	10 -10½	191,847	84,319
10 -10½	566,450	9,213,522	214,811	10½ -11	-	32,400
10½ -11	941,724	5,809,663	40,208	11 -11½	557,671	-
11 -11½	7,997,927	1,719,688		11½ -12	21,800	27,800
11½ -12	11,577,366	1,635,689		12 -12½	1,000	
12 -12½	19,483,423	544,862		12½ -13	31,000	
12½ -13	17,171,437	165,080		14 -14½	35,287	
13 -13½	6,482,453					
13½ -14	147,580					
TOTAL	64,368,350	23,351,288	1,897,405		1,139,055	1,585,073
TOTAL HUMAN	87,719,648					
GRAND TOTAL		89,617,053			2,724,128	

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING APRIL 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
P o u n d s				
20½ -21½		64,500		64,500
26½ -27½		-	746,533	746,533
27½ -28½		-	744,747	744,747
28½ -29½	60,944	-	208,480	269,424
30½ -31½	-	-	251,900	251,900
31½ -32½	256,872	-	23,200	280,072
33½ -34½	-	-	487,480	487,480
34½ -35½	645,726	243,030	39,465	928,221
35½ -36½	402,188	-	-	402,188
36½ -37½	-	-	12,500	12,500
37½ -38½	76,920	-	11,801	88,721
38½ -39½	341,010	23,685	-	364,695
39½ -40½	-	-	2,278,645	2,278,645
40½ -41½	-	-	148,800	148,800
41½ -42½	-	-	35,307	35,307
43½ -44½	989,788	-	-	989,788
44½ -45½	-	16,870	-	16,870
45½ -46½	-	127,830	-	127,830
46½ -47½	-	28,345	-	28,345
47½ -48½	-	-	35,025	35,025
48½ -49½	417,682	-	-	417,682
53½ -54½	1,795,216	512,839	-	2,308,055
	194,564	-	-	194,564
TOTAL	5,180,910	1,017,099	5,023,883	11,221,892

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

DURING APRIL 1949 WITH COMPARISONS

Month	Nonfat dry milk solids			Dry skim solids		Dry buttermilk			Dry whole milk			Total
	Spray	Roller	roller	Spray & an.	& dry	Human	Animal	and	1-2 1/2 lb.	5-lb.	incl. bbls.	
	Cents per pound											
Apr. 1949	12.19	10.44	11.72	8.74	11.66	10.59	8.48	9.36	44.84	45.09	35.01	40.46
Mar. 1949	11.96	10.24	11.48	9.11	11.43	10.23	8.58	9.44	51.23	43.50	34.32	41.58
Apr. 1948	14.79	13.56	14.34	10.46	14.27	13.71	10.34	11.79	52.43	45.63	43.03	46.17
Apr. 1943-47	1/	1/	13.37	8.55	13.23	12.95	8.29	10.40	1/	1/	1/	36.46

1/ Not available.

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

Geographic Division	Case goods		Bulk goods			
	Evaporated (48 14-oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain condensed (unsweetened) Whole	Skimmed	Sweetened cond. Whole	Skimmed
	Dollars		Dollars per hundredweight			
New England	5.23	9.10	-	4.17	13.88	8.30
Middle Atlantic	5.17	9.10	13.64	3.90	14.26	7.53
South Atlantic	5.18	9.10	-	3.54	16.22	8.36
East North Central	5.08	9.10	11.92	3.69	13.12	7.75
West North Central	5.14	-	10.50	3.99	13.89	8.07
South Central	5.21	9.10	-	4.00	14.62	7.95
North Western	5.31	-	11.25	-	-	-
South Western	5.33	-	-	3.80	14.12	8.23
U. S. APR. 1949	5.18	9.10	12.65	3.82	13.80	7.91
U. S. MAR. 1949	5.45	9.10	12.83	4.01	14.21	8.10
U. S. APR. 1948	6.08	9.32	15.19	4.76	16.33	9.05

\* 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 APRIL 1949 - 7 GEOGRAPHIC DIVISIONS 1/

Geographic Division	Number of plants or stations	Price per cwt.	
		Range Dollars	Average Dollars
Mid. Atlantic	7	2.65-3.72	3.19
South Atlantic	7	2.52-2.95	2.64
East North Central	91	2.41-3.26	2.71
West North Central	12	2.50-2.85	2.63
South Central	18	2.48-2.67	2.53
North Western	9	2.68-2.81	2.75
South Western	18	2.62-3.04	2.88
U. S. APR. 1949	152	2.41-3.72	2.72
U. S. MAR. 1949	157	2.48-4.25	2.81
U. S. APR. 1948	160	3.35-4.87	3.96

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 April

New York City \$2.738

Chicago \$2.761

FOR CANNING DURING APRIL 1949

State and Div.	April 1949			March 1949 2/			April 1948		
	Price paid per 100 lbs. milk	Butterfat test	Price per lb. of butterfat	Price paid per 100 lbs. milk	Butterfat test	Price per lb. of butterfat	Price paid per 100 lbs. milk	Butterfat test	Price per lb. of butterfat
	Dollars	Pct.	Dollars	Dollars	Pct.	Dollars	Dollars	Pct.	Dollars
N. Y.	2.82	3.55	.80	3.14	3.70	.85	4.22	3.51	1.20
M. Atl. 3/	2.88	3.59	.80	3.21	3.72	.86	4.24	3.53	1.20
Va.	3.11	4.16	.75	3.31	4.35	.76	4.24	4.13	1.02
W. Va.	3.10	4.19	.74	3.17	4.28	.74	4.41	4.06	1.08
S. Atl. 3/	3.21	4.24	.76	3.36	4.36	.77	4.47	4.16	1.07
Ohio	2.95	4.02	.73	3.08	4.11	.75	4.47	3.98	1.12
Ind.	2.99	4.12	.73	3.20	4.27	.75	4.62	4.16	1.11
Ill.	2.78	3.66	.76	2.91	3.71	.78	4.22	3.61	1.16
Mich.	2.91	3.78	.77	3.01	3.86	.78	4.40	3.86	1.14
Wis.	2.90	3.59	.81	2.94	3.64	.81	4.14	3.55	1.17
E. N. C.	2.90	3.75	.77	2.99	3.82	.78	4.28	3.71	1.15
Minn.	2.67	3.47	.77	2.68	3.48	.77	3.94	3.46	1.14
Iowa	2.89	3.61	.80	2.98	3.68	.81	4.02	3.60	1.12
Mo.	3.00	4.12	.73	3.18	4.24	.75	4.36	4.07	1.07
Kans.	2.83	3.94	.72	3.07	4.10	.75	4.21	3.93	1.07
W. N. C.	2.91	3.93	.74	3.06	4.02	.76	4.23	3.90	1.08
Ky.	3.05	4.32	.71	3.25	4.45	.73	4.29	4.20	1.02
Tenn.	3.16	4.44	.71	3.30	4.48	.74	4.34	4.30	1.01
Miss.	3.04	4.27	.71	3.21	4.43	.73	4.19	4.17	1.01
Texas	3.17	4.29	.74	3.39	4.40	.77	4.27	4.21	1.01
S. Cent. 3/	3.09	4.34	.71	3.27	4.44	.74	4.30	4.22	1.02
Idaho	3.02	3.88	.78	3.22	4.05	.80	4.50	4.01	1.12
Wash.	3.50	3.99	.88	3.80	4.11	.93	4.21	3.96	1.07
Ore.	3.48	4.32	.80	3.78	4.47	.85	4.54	4.43	1.02
N. W.	3.31	3.98	.83	3.52	4.12	.86	4.36	4.02	1.08
Colo.	2.94	3.79	.77	3.03	3.85	.79	4.26	3.70	1.15
Utah	2.85	3.39	.84	2.94	3.46	.85	3.99	3.40	1.17
Calif.	3.17	3.79	.84	3.57	4.01	.89	4.27	3.90	1.09
S. W. 3/	3.11	3.72	.83	3.42	3.89	.88	4.21	3.81	1.11
U. S. 3/	2.99	3.88	.77	3.14	3.96	.79	4.28	3.83	1.12

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 CONDENSERIES APRIL 1949, WITH COMPARISONS \*

	Unit	April		April average
		1949	1948	1943-47
Purchases, reported total	Pounds	600,137,000	578,137,000	594,155,000
Producers	Numbers	151,000	142,000	144,000
Average daily purchases per producer	Pounds	132.5	135.7	137.5
Changes in purchases per producer 1949 from 1948	Percent	-2.4	XXXX	XXXX
1949 from 5-yr. average	"	-3.6	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.

dried whole milk, down 3 percent from a year earlier while stocks of 204,000 pounds of roller-dried were 51 percent below a year earlier.

Manufacturers' stocks of dry skim milk for animal feed were 1,053,000 pounds on April 30, a gain of 93 percent from a year earlier and 6 percent from the five-year average for the date. Sales of dry skim milk for animal feed were 1,897,000 pounds, a gain of 43 percent from a year earlier and 27 percent from the 1943-47 average.

COMMODITY	Apr. 1949 1/	Apr. 1948 1/	Change in Apr. 1949 from		Cumulative total	
			1948	1943-47 average	Jan.-Apr. 1949	Change from Jan.-Apr. 1948
	Thousand pounds		Percent		Thous. lb.	Percent
<b>Evaporated and Condensed Milk</b>						
Evaporated (case goods)	269,250	335,400	-20	-16	799,750	-18
Condensed whole (case-goods)	3/12,150	13,665	-11	-3	3/48,200	+9
Plain condensed whole (bulk)	18,650	19,400	+1	+79	60,875	-4
Plain condensed skimmed (bulk)	34,760	33,700	+3	+5	119,150	-7
Sweetened Cond. Whole (bulk)	2,815	4,500	-37	-61	10,840	-33
Sweetened Cond. Skimmed (bulk)	22,750	23,800	-4	-61	63,510	-2
<b>Dry Milk</b>						
<b>Dry whole</b>						
Spray process	10,900	13,050	-16	2/	37,620	-17
Roller process	1,375	2,020	-32	2/	6,555	-15
<b>Total</b>	<b>12,275</b>	<b>15,070</b>	<b>-19</b>	<b>-24</b>	<b>44,175</b>	<b>-16</b>
<b>Dry nonfat solids</b>						
Human food - Spray process	62,000	39,925	+55	+84	196,705	+58
Human food - Roller process	32,250	24,900	+30	-3	85,785	+24
<b>Total (Human food)</b>	<b>94,250</b>	<b>64,825</b>	<b>+45</b>	<b>+41</b>	<b>282,490</b>	<b>+46</b>
Dry skim milk (animal feed)	2,785	1,550	+80	+38	7,645	+96
Dry buttermilk	4,495	4,260	+6	-8	15,595	+13

- 1/ Estimated. Subject to revision when enumerations are available for 1948.  
 2/ Spray and roller dry whole milk not reported separately prior to 1945.  
 3/ The March 1949 production revised to 14,800,000 pounds from 13,800,000 pounds.

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY MILK APRIL 30

COMMODITY	1949	1948 1/	Average 1943-47	Change in 1949 from	
				1948	1943-47 av.
	Thousand pounds			Percent	
<b>Evaporated and Condensed Milk</b>					
Evaporated (case goods)	189,735	79,563	135,616	+138	+40
Condensed whole (case goods)	3/9,511	8,777	7,460	+8	+27
<b>Dry Milk</b>					
<b>Dry whole</b>					
Spray process	13,994	14,359	2/	-3	2/
Roller process	204	420	2/	-51	2/
<b>Total</b>	<b>14,198</b>	<b>14,779</b>	<b>16,373</b>	<b>-4</b>	<b>-13</b>
<b>Dry nonfat solids</b>					
Human food - Spray process	47,079	22,567	23,206	+109	+67
Human food - Roller process	27,982	16,993	24,522	+65	+14
<b>Total (human food)</b>	<b>75,061</b>	<b>39,560</b>	<b>52,728</b>	<b>+90</b>	<b>+42</b>
Dry skim milk (animal feed)	1,053	549	991	+92	+6
Dry buttermilk	7,032	4,316	4,558	+62	+54

- 1/ Revised to include late reports. 2/ Not reported separately prior to January 1945.  
 3/ March 31 stocks revised to 3,350,000 pounds from 5,537,000 pounds.

Stocks of dry buttermilk were 7,032,000 pounds on April 30, a gain of 62 percent from a year earlier and 54 percent from the five-year average. Sales were 1,139,000 pounds during April, a decline of 33 percent from a year earlier and 51 percent from the five-year average.

Manufacturers' selling prices of all nonfat dry milk solids strengthened during April but are still much lower than a year earlier. Selling prices of spray-dried nonfat milk solids averaged 12.19 cents per pound for April compared with 11.96 cents for March and 14.79 cents a year earlier. Roller-dried nonfat milk solids prices averaged 10.44 cents, up 0.20 cent from March but 3.12 cents down from a year earlier. Prices of total nonfat dry milk solids averaged 11.72 cents for April compared with 11.48 cents in March, 14.34 cents a year earlier, and 13.37 cents for the five-year April average. For April, prices of dry skim milk for animal feed averaged 8.74 cents, a decline of 0.37 cent from March, 1.72 cents from a year earlier, but 0.19 cent up from the five-year average for April. Selling prices of dry buttermilk averaged 9.36 cents per pound for April compared with 9.44 cents in March, 11.79 cents a year earlier, and 10.40 cents for the April 1943-47 average. Prices of dry buttermilk for human food averaged 10.59 cents per pound while animal feed was 8.48 cents.

Manufacturers' selling price of dry whole milk in all types of packages averaged 40.46 cents per pound compared with 41.58 cents for March, 48.17 cents a year earlier and 36.46 cents for the April five-year average. Prices of dry whole milk in 1-2 lb. packages averaged 44.84 cents, a decline of 6.39 cents from March and 7.59 cents from a year earlier. Prices increased

from the preceding month on dry whole milk in 5 lb. packages. The price for April was 45.09 cents, a gain of 1.59 cents from March but a decrease of 0.54 cent from a year earlier. Prices in all other packages averaged 35.01 cents for April, a gain of 0.69 cent from March but a decline of 8.02 cents from a year earlier.

Purchases of roller-dried nonfat milk solids by the United States Department of Agriculture during April totaled 16,229,301 pounds. Purchases for May through the 27th totaled 19,061,766 pounds and the cumulative purchases for the year through May 27 totaled 55,156,290 pounds. Purchases of spray-dried nonfat milk solids were 33,344,616 pounds for April and 23,686,706 pounds for May through the 27th. Cumulative purchases for 1949 through May 27 were 107,229,465 pounds.

#### EVAPORATED AND CONDENSED MILK

While evaporated milk production showed a slightly higher seasonal gain than usual from March to April, output for April was the lowest for the month since 1941, the Bureau of Agricultural Economics reports. April production was 269,250,000 pounds, a decline of 20 percent from a year earlier and 16 percent from the five-year average. The total of 799,750,000 pounds for the first four months of 1949 was 18 percent below the same period in 1948.

A contra-seasonal decline of 18 percent was shown in canned condensed whole milk production from March to April this year compared with a gain of 20 percent for both last year and the five-year average. April production at 12,150,000 pounds was 11 percent below a year earlier and 3 percent below the 1943-47 April average. During the first four months of the year, output totaled 48,200,000 pounds or a gain of 9 percent from the same months in 1948.

Unsweetened condensed milk, bulk goods, showed higher production than a year earlier while the sweetened products were lower. Output of plain condensed whole milk was record high for April and, at 19,650,000 pounds, was up 1 percent from a year earlier and 79 percent from the five-year average. For January through April, a total of 60,875,000 pounds was produced, a decline of 4 percent from the same period in 1948. Production of plain condensed skim milk for April was 34,760,000 pounds, a gain of 3 percent from a year earlier and 5 percent from the five-year average. A sharper than usual seasonal gain brought the present April output to the second highest on record for the month, having been exceeded only in 1946 when 44,998,000 pounds were produced. During the four months, January through April, production of 119,150,000 pounds was 7 percent below the same period in 1948. The lowest April output on record since 1922 occurred in the output of sweetened condensed whole milk. At 2,815,000 pounds, production was down 37 percent from a year earlier and 61 percent from the five-year average. A total of 10,840,000 pounds for the first four months of 1949, was 33 percent less than for the same months in 1948. Sweetened condensed skim milk at 22,750,000 pounds was down 4 percent from a year earlier and 61 percent from the 1943-47 average for the month. So far in 1949, a total of 63,510,000 pounds was produced, 2 percent below the same period in 1948.

While manufacturers' stocks of evaporated milk showed a smaller seasonal gain than usual during April, the stocks on April 30 were still the third highest on record for the date. At 189,735,000 pounds, stocks were 130 percent higher than a year earlier and 40 percent above the five-year average for the date. Holdings of canned condensed whole milk at the end of April were 9,511,000 pounds, the second highest for the date in the past 17 years. These stocks were up 8 percent from a year earlier and 27 percent from the five-year average.

Evaporated milk prices were weak during April. Manufacturers' selling prices averaged \$5.18 per case of 48 14-oz. cans, a decline of 27 cents from the preceding month and 90 cents from the same month a year earlier. Despite the seasonal decline, the price was the fourth highest on record for the month, having been exceeded only in 1921, 1947, and 1948. Selling prices of sweetened condensed whole milk at \$9.10 per case of 48 14-oz. cans were unchanged from March and 22 cents less than the April record high established a year ago. Selling prices of all condensed bulk goods items for April were lower than both the preceding month and a year earlier. Prices of plain condensed whole milk averaged \$12.65 per hundredweight for April, down 18 cents from March and \$2.54 from a year earlier. Sales of plain condensed skim milk averaged \$3.82 per hundredweight, 19 cents less than March and 94 cents below a year earlier. Prices of sweetened condensed whole milk at \$13.89 per hundredweight for April, showed a decline of 41 cents from March and \$2.53 per hundredweight from a year earlier. Sweetened condensed skim milk averaged \$7.91 per hundredweight during April, down 19 cents from March and \$1.14 from a year earlier.

Prices paid producers by condenseries for milk of 3.5 percent butterfat during April averaged \$2.72 per hundredweight, a decrease of 9 cents from March and \$1.21 from a year earlier. Present April price is the lowest for the month since 1945.

Based on actual butterfat test, prices paid producers by condenseries in April averaged \$2.99 per hundredweight for milk averaging 3.23 percent butterfat. The price per pound of butterfat was 77 cents compared with 79 cents in March and \$1.12 a year earlier. By States, the price per pound of butterfat ranged from 71 cents in Kentucky, Tennessee, and Mississippi to 88 cents in Washington.

Milk purchased by reporting condenseries during April totaled 600,137,000 pounds from approximately 151,000 producers. The average daily purchases per producer were 132.5 pounds for April, a decline of 2 percent from a year earlier and 4 percent from the five-year April average.