

BUREAU OF AGRICULTURAL ECONOMICS  
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EVAPORATED, CONDENSED, AND DRY MILK REPORT  
(December 1948)

DRY MILK

Outstanding developments in the dry milk industry during December were the drop in prices for nonfat dry milk solids and continued sharp increases in production and manufacturers' stocks, the Bureau of Agricultural Economics reports. Reported sales of nonfat dry milk solids during December continued at a high level. Total sales of nonfat dry milk solids for the October-December quarter at 169 million pounds were 43 million pounds larger than in the same quarter of 1947. Total production of nonfat dry milk solids during the quarter at 120 million pounds exceeded the output of the same quarter in 1947 by 36 million pounds.

Total production of nonfat dry milk solids during December was estimated at 49,700,000 pounds. This output was 55 percent greater than that of December 1947, 56 percent greater than the 5-year (1942-46) December average, and 44 percent greater than that of November 1948. Total production was the greatest ever reported for December and was 39 percent larger than the previous record December production of 1944. At 658,515,000 pounds, total production for the year, however, was 3 percent less than during 1947.

At 37,100,000 pounds, the production of spray-dried nonfat milk solids during December established a new record and exceeded the combined total of both spray and roller-dried nonfat milk solids for any previous December. Production was 72 percent greater than in December 1947 and 102 percent greater than the 5-year December average. December output was also 33 percent greater than that of November. Total production for the year, however, at 426,265,000 pounds was only 2 percent greater than that of 1947.

Production of roller-dried nonfat milk solids in December at 12,600,000 pounds did not gain so sharply in relation to December 1947 as did spray-dried production. December output was 21 percent greater than that of December 1947, but 6 percent less than the 5-year December average. The December output showed an increase of 67 percent above November. Total production of roller-dried for the year was 232,250,000 pounds, 10 percent less than in 1947 and the lowest for any year since separate production records have been available.

Dry whole milk produced during December totaled 9,165,000 pounds. This was 4 percent less than in December 1947 and 16 percent less than the 5-year December average. Total production for the year at 172,980,000 pounds was 5 percent greater than in 1947. December production of spray-dried whole milk was practically unchanged from December a year ago, but was 38 percent greater than in November 1948. Output of roller-dried in December was 22 percent less than in December 1947 and 24 percent less than in November 1948.

As was the case in November, the production of both dry skim milk for animal feed and dry buttermilk in December was larger than a year earlier, but smaller than the 5-year December average. Output of dry skim milk during the month was 720,000 pounds, 22 percent larger than in December 1947, but 31 percent smaller than the 5-year December average. December production of dry buttermilk at 3,090,000 pounds was 18 percent larger than in December 1947 but 15 percent smaller than the 5-year December average. Total output of dry skim milk in 1948 was 14,020,000 pounds, down 37 percent from a year ago. Total production of dry buttermilk in 1948 was 41,720,000 pounds, down 8 percent from 1947.

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MANUFACTURERS' SELLING PRICES OF DRY MILK SOLIDS DURING DECEMBER 1948  
Reported shipments (F.O.B. plant)

DRY NONFAT MILK SOLIDS (Bulk goods) Pounds				DRY BUTTERMILK (Bulk goods) Pounds		
Human food						
Price $\frac{c}{l}$	Spray process	Roller process	Animal feed	Price $\frac{c}{l}$	Human food	Animal feed
6 - 6 $\frac{1}{2}$			3,775	8 $\frac{1}{2}$ - 9		20,602
7 - 7 $\frac{1}{2}$			1,050	9 - 9 $\frac{1}{2}$		39,060
8 - 8 $\frac{1}{2}$			21,169	9 $\frac{1}{2}$ - 10		75,060
9 - 9 $\frac{1}{2}$			3,419	10 - 10 $\frac{1}{2}$	11,100	168,897
9 $\frac{1}{2}$ - 10			113,125	10 $\frac{1}{2}$ - 11	39,625	318,019
10 - 10 $\frac{1}{2}$			69,764	11 - 11 $\frac{1}{2}$	5,000	135,460
10 $\frac{1}{2}$ - 11		21,225	136,352	11 $\frac{1}{2}$ - 12	46,575	121,232
11 - 11 $\frac{1}{2}$		297,400	114,373	12 - 12 $\frac{1}{2}$	6,993	96,928
11 $\frac{1}{2}$ - 12		94,400	92,165	12 $\frac{1}{2}$ - 13	--	3,600
12 - 12 $\frac{1}{2}$	1,156,075	544,025	95,712	13 - 13 $\frac{1}{2}$	6,200	3,900
12 $\frac{1}{2}$ - 13	--	73,420	171,288	13 $\frac{1}{2}$ - 14	58,465	
13 - 13 $\frac{1}{2}$	1,981,967	1,431,651	26,470	14 - 14 $\frac{1}{2}$	80,850	
13 $\frac{1}{2}$ - 14	1,689,121	3,730,175	--	14 $\frac{1}{2}$ - 15	3,600	
14 - 14 $\frac{1}{2}$	7,622,416	4,147,781	--	15 - 16		
14 $\frac{1}{2}$ - 15	1,932,852	2,376,353	--	16 $\frac{1}{2}$ - 17	304,752	
15 - 15 $\frac{1}{2}$	5,961,150	450,217	97,100	17 $\frac{1}{2}$ - 18		
15 $\frac{1}{2}$ - 16	3,679,403	1,411,188		18 $\frac{1}{2}$ - 19		
16 - 16 $\frac{1}{2}$	2,425,637	104,600				
16 $\frac{1}{2}$ - 17	6,016,486	85,436				
17 - 17 $\frac{1}{2}$	6,666,574					
17 $\frac{1}{2}$ - 18	265,969					
18 $\frac{1}{2}$ - 19	25,400					
TOTAL	39,423,050	14,767,871	945,762		688,570	982,758
AV. PRICE	15.48 $\frac{c}{l}$	14.12 $\frac{c}{l}$	11.57 $\frac{c}{l}$		15.71 $\frac{c}{l}$	10.72 $\frac{c}{l}$
TOTAL HUMAN	54,190,921					
AV. PRICE	15.11 $\frac{c}{l}$					
GRAND TOTAL		55,136,683				1,671,328
GRAND AV. PRICE DEC. 1948		15.05 $\frac{c}{l}$				12.78 $\frac{c}{l}$
GRAND AV. PRICE NOV. 1948		15.81 $\frac{c}{l}$				13.73 $\frac{c}{l}$
GRAND AV. PRICE DEC. 1947		13.99 $\frac{c}{l}$				11.72 $\frac{c}{l}$

MANUFACTURERS' SELLING PRICES OF DRY WHOLE MILK DURING DECEMBER 1948 2/  
Reported shipments (F.O.B. plant)  
(Pounds)

Price $\frac{c}{l}$	1-2 $\frac{1}{2}$ lb. packages	5 lb. package	All other pkgs. including bbls. & drums	Total reported shipments
24 $\frac{1}{2}$ - 25 $\frac{1}{2}$			4,253	4,253
29 $\frac{1}{2}$ - 30 $\frac{1}{2}$			450,049	450,049
30 $\frac{1}{2}$ - 31 $\frac{1}{2}$			181,550	181,550
31 $\frac{1}{2}$ - 32 $\frac{1}{2}$			271,211	271,211
33 $\frac{1}{2}$ - 33 $\frac{1}{2}$			390,350	390,350
35 $\frac{1}{2}$ - 36 $\frac{1}{2}$			57,721	57,721
36 $\frac{1}{2}$ - 37 $\frac{1}{2}$		40,539	108,873	149,462
37 $\frac{1}{2}$ - 38 $\frac{1}{2}$	1,496	825,735	10,000	837,231
38 $\frac{1}{2}$ - 39 $\frac{1}{2}$	--	--	46,400	46,400
40 $\frac{1}{2}$ - 41 $\frac{1}{2}$	--	--	216,000	216,000
41 $\frac{1}{2}$ - 42 $\frac{1}{2}$	1,315,100	42,345	--	1,357,445
42 $\frac{1}{2}$ - 43 $\frac{1}{2}$	859,569	--	122,927	982,496
44 $\frac{1}{2}$ - 45 $\frac{1}{2}$	388,504	65,975	4,022,375	4,476,854
45 $\frac{1}{2}$ - 46 $\frac{1}{2}$	--	--	235,742	235,742
48 $\frac{1}{2}$ - 49 $\frac{1}{2}$	--	--	3,614	3,614
49 $\frac{1}{2}$ - 50 $\frac{1}{2}$	--	47,550	68,614	115,564
51 $\frac{1}{2}$ - 52 $\frac{1}{2}$	420,046	--	--	420,046
53 $\frac{1}{2}$ - 53 $\frac{1}{2}$	321,074	--	--	321,074
54 $\frac{1}{2}$ - 55 $\frac{1}{2}$	--	971,824	--	971,824
57 $\frac{1}{2}$ - 58 $\frac{1}{2}$	2,498,390	--	--	2,498,390
TOTAL	5,804,179	1,994,018	5,139,289	13,987,486
AV. PRICE DEC. 1948	50.57 $\frac{c}{l}$	46.67 $\frac{c}{l}$	41.83 $\frac{c}{l}$	45.17 $\frac{c}{l}$
AV. PRICE NOV. 1948	44.34 $\frac{c}{l}$	45.05 $\frac{c}{l}$	41.20 $\frac{c}{l}$	42.87 $\frac{c}{l}$
AV. PRICE DEC. 1947	49.52 $\frac{c}{l}$	44.19 $\frac{c}{l}$	42.98 $\frac{c}{l}$	44.97 $\frac{c}{l}$

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

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

	Unit	December		December average 1942-46
		1948	1947	
Purchases, reported total	Pounds	408,010,000	364,298,000	389,728,000
Producers	Numbers	161,000	141,000	142,000
Average daily purchases per producer	Pounds	81.7	83.4	88.5
Changes in purchases per producer 1948 from 1947	Percent	-2.0	XXXX	XXXX
1948 from 5-yr. average	"	-7.7	XXXX	XXXX

\* These figures represent milk purchases primarily for the manufacture of evaporated and condensed milk (case goods) by a large group of selected condenseries.

AVERAGE MANUFACTURERS' CARLOT SELLING PRICES OF EVAPORATED AND CONDENSED MILK  
BY GEOGRAPHIC DIVISIONS DECEMBER 1948 \*

Geographic Division	Case goods		Bulk goods			
	Evaporated (48 14 $\frac{1}{2}$ -oz. cans) per case	Condensed (48 14-oz. cans) per case	Plain condensed (unsweetened)		Sweetened Cond.	
	Dollars		Whole	Skimmed	Whole	Skimmed
	Dollars per hundredweight					
New England	5.96	9.60	-	5.32	18.15	9.57
Middle Atlantic	5.89	9.60	15.38	5.15	17.30	8.86
South Atlantic	5.99	9.60	-	4.56	18.53	9.39
East North Central	5.78	9.60	14.41	4.71	15.50	8.84
West North Central	5.93	-	12.00	5.18	16.14	8.99
South Central	5.98	9.60	-	4.91	17.80	8.65
North Western	6.15	-	-	-	-	-
South Western	6.21	-	-	4.94	15.48	8.88
U. S. DEC. 1948	5.95	9.60	14.76	4.90	16.48	8.95
U. S. NOV. 1948	5.94	9.60	15.03	5.06	16.66	9.11
U. S. DEC. 1947	5.70	8.80	14.86	4.72	15.57	8.82

\* 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 DECEMBER 1948  
7 GEOGRAPHIC DIVISIONS 1/

Geographic Division	Number of plants of stations	Price per cwt.	
		Range Dollars	Average Dollars
Middle Atlantic	4	3.55-4.85	4.36
South Atlantic	7	3.06-3.95	3.29
East North Central	86	3.10-3.94	3.33
West North Central	11	2.80-3.20	3.05
South Central	17	2.90-3.41	3.06
North Western	9	3.22-3.50	3.37
South Western	18	3.20-4.05	3.48
U. S. DEC. 1948	152	2.80-4.85	3.33
U. S. NOV. 1948	154	2.90-4.85	3.34
U. S. DEC. 1947	151	3.32-5.33	4.04

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 December

New York City \$3.348

Chicago \$3.349

FOR CANNING DURING DECEMBER 1948 1/ WITH CORRECTIONS

State and Div.	December 1948			November 1948 2/			December 1947		
	Price paid	Butter-: lb. of	Price per: lb. of	Price paid	Butter-: lb. of	Price per: lb. of	Price paid	Butter-: lb. of	Price per: lb. of
	per 100 lbs. milk	fat test	Dollars	per 100 lbs. milk	fat test	Dollars	per 100 lbs. milk	fat test	Dollars
N. Y.	5.04	4.07	1.24	5.06	4.08	1.24	5.14	4.07	1.26
M. Atl. 3/	5.10	4.17	1.22	5.12	4.18	1.23	5.22	4.16	1.25
Va.	3.90	4.54	.86	4.33	5.03	.86	5.07	5.08	1.00
W. Va.	4.20	4.87	.86	4.24	4.92	.86	5.33	5.01	1.06
S. Atl. 3/	4.20	4.78	.88	4.34	4.96	.88	5.12	5.05	1.02
Ohio	4.20	4.46	.94	4.17	4.49	.93	5.18	4.63	1.12
Ind.	4.04	4.63	.87	4.04	4.63	.87	5.33	4.73	1.13
Ill.	3.57	3.83	.93	3.66	3.94	.93	4.62	3.88	1.19
Mich.	3.84	4.16	.92	3.88	4.21	.92	4.81	4.26	1.13
Wis.	3.68	3.80	.97	3.71	3.91	.95	4.53	3.82	1.19
E. N. C.	3.82	4.06	.94	3.86	4.16	.93	4.75	4.09	1.16
Minn.	3.12	3.58	.87	3.18	3.66	.87	4.35	3.73	1.16
Iowa	3.40	3.87	.88	3.41	3.88	.88	4.48	3.85	1.16
Mo.	3.89	4.87	.80	3.99	4.94	.81	5.06	4.84	1.05
Kans.	3.82	4.46	.86	3.76	4.56	.82	4.94	4.56	1.08
W. N. C.	3.68	4.42	.83	3.77	4.56	.83	4.80	4.40	1.09
Ky.	4.17	5.03	.83	4.20	5.05	.83	5.17	5.05	1.03
Tenn.	4.23	5.08	.83	4.28	5.15	.83	5.08	5.11	.99
Miss.	4.39	5.34	.82	4.64	5.46	.85	5.31	5.36	.99
Texas	4.60	5.22	.88	4.93	5.44	.91	5.21	5.25	.99
S. Cent. 3/	4.26	5.10	.83	4.34	5.17	.84	5.18	5.13	1.01
Idaho	4.14	4.50	.92	4.06	4.41	.92	5.03	4.47	1.12
Wash.	4.59	4.35	1.06	4.86	4.41	1.10	4.92	4.54	1.08
Ore.	4.69	4.94	.95	4.74	5.00	.95	4.80	4.87	.99
N. W.	4.34	4.50	.96	4.41	4.47	.99	4.95	4.55	1.09
Colo.	4.13	4.13	1.00	4.13	4.03	1.02	4.73	4.02	1.18
Utah	3.64	3.70	.98	3.60	3.67	.98	4.33	3.63	1.19
Calif.	4.27	4.28	1.00	4.21	4.20	1.00	4.66	4.22	1.10
S. W. 3/	4.14	4.15	1.00	4.10	4.09	1.00	4.60	4.11	1.12
U. S. 3/	3.97	4.30	.92	4.03	4.40	.92	4.81	4.28	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.

For the third successive month total sales of nonfat dry milk solids held within a range of from 54 to 58 million pounds. Purchases by the United States Department of Agriculture during December varied only slightly in quantity from those of November. During December, the total of all sales reported was 54,191,000 pounds. However, as a result of the sharp increase in total production of nonfat dry milk solids in December, manufacturers' stocks at the end of the year showed a further increase in comparison with those of a year earlier. On December 31, reported stocks were 44,030,000 pounds, 196 percent larger than a year earlier, compared with a gain of 149 percent at the end of November. The greater part of this gain was contributed by the 206 percent increase in stocks of spray process relative to holdings on December 31, 1947. Stocks of roller process increased 175 percent above the holding reported at the end of 1947. Reported holdings of all nonfat dry milk solids on December 31 were down 14 percent from November 30, however,

Sales of dry whole milk during December amounted to 13,987,000 pounds, 21 percent greater than those reported for December 1947 and 36 percent greater than those of November 1948. Reported stocks of dry whole milk in manufacturers' hands on December 31, chiefly spray process, totaled 18,491,000 pounds. This was 48 percent larger than at the close of 1947 and 84 percent larger than the 5-year average for the date.

Sales of dry skim milk for animal feed during December were 946,000 pounds, 51 percent larger than in December 1947 and 23 percent larger than in November 1948. Stocks of dry skim milk on December 31 were 708,000 pounds, 90 percent larger than at the close of 1947 but 37 percent smaller than the 5-year average for the date.

COMMODITY	Dec. 1948 1/	Dec. 1947 2/	Change in Dec. 1948 from		Cumulative total	
			1947 3/	1942-46 average	Jan.-Dec. 1948	Change from Jan.-Dec. 1947
	Thousand pounds		Percent		Thous. lb.	Percent
<b>Evaporated and Condensed Milk</b>						
Evaporated (case goods)	147,000	160,727	-9	-20	3,434,700	+7
Condensed (case goods)	10,000	11,391	-12	+25	132,050	-20
Plain Condensed Whole (bulk)	9,700	10,022	-3	+31	211,325	+21
Plain Condensed Skimmed (bulk)	31,000	30,375	+2	+8	431,605	+7
Sweetened Cond. Whole (bulk)	2,350	3,791	-38	-36	52,160	-37
Sweetened Cond. Skimmed (bulk)	10,445	10,381	+1	-54	253,645	-53
<b>Dry Milk</b>						
<b>Dry Whole</b>						
Spray process	7,950	8,027	-1	3/	154,120	+5
Roller process	1,215	1,550	-22	3/	18,860	+1
<b>Total</b>	9,165	9,577	-4	-16	172,980	+5
<b>Dry Nonfat Solids</b>						
Human Food - Spray process	37,100	21,626	+72	4/+102	426,265	+2
Human Food - Roller process	12,600	10,423	+21	4/-6	232,250	-10
<b>Total (Human food)</b>	49,700	32,049	+55	+56	658,515	-3
Dry skim milk (animal feed)	720	592	+22	-31	14,020	-37
Dry buttermilk	3,090	2,626	+18	-15	41,720	-8

1/ Estimated. Subject to revision

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

4/ Spray and roller nonfat dry milk solids not reported separately prior to 1943, but estimated for 1942.

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

COMMODITY	1948	1947 1/	Average 1942-46	Change in 1948 from	
				1947	1942-46 av.
	Thousand pounds			Percent	
<b>Evaporated and Condensed Milk</b>					
Evaporated (case goods)	424,619	158,551	122,170	+168	+248
Condensed (case goods)	12,576	9,362	5,593	+34	+125
<b>Dry Milk</b>					
<b>Dry Whole</b>					
Spray process	18,312	12,436	2/	+47	2/
Roller process	179	60	2/	+198	2/
<b>Total</b>	18,491	12,496	10,025	+49	+84
<b>Dry Nonfat Solids</b>					
Human food - Spray process	30,437	9,932	3/	+206	3/
Human food - Roller process	13,533	4,939	3/	+175	3/
<b>Total (Human food)</b>	44,000	14,871	23,953	+196	+84
Dry skim milk (animal feed)	708	372	1,122	+90	-37
Dry buttermilk	5,366	4,573	4,792	+30	+24

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

3/ Not reported separately prior to January 1943.

Reported stocks were 24 percent smaller than the total reported for November 30, 1948. Dry buttermilk sales during December totaled 1,671,000 pounds, down 22 percent from December 1947 and down 6 percent from November 1948. Reported stocks of dry buttermilk held by manufacturers on December 31 totaled 5,986,000 pounds, 30 percent greater than at the close of 1947 and 24 percent greater than the 5-year average for the date.

Reported selling prices for spray process nonfat dry milk solids averaged 15.48 cents per pound for the month of December. This average price, while representative of sales made during the month as a whole, reflects only a portion of the general decline in selling prices for both spray and roller process nonfat dry milk solids which occurred late in December. The December average price for spray process was 0.88 cent per pound less than the November average price, but 1.27 cents per pound more than the average price reported for December 1947. Selling prices for roller process averaged 14.12 cents per pound in December, 0.59 cent less than in November, but 0.3 cent more than the average for December 1947.

Manufacturers' selling prices for dry whole milk in packages during December increased from the averages reported in November. The largest increase, 6.33 cents per pound, was for the 1-2½ pound package. The average price for all shipments during December was 3.3 cents higher than the November average and 1.2 cents higher than the average for December 1947. The reported average price for dry skim milk for animal feed during December at 11.57 cents per pound was 0.21 cent less than in November, but 2.39 cents per pound more than the average for December 1947. The average selling price for dry buttermilk for human use during December was 15.71 cents per pound, 0.56 cent less than in November. The average price for dry buttermilk for animal feed was 10.72 cents per pound in December, down 0.26 cent from November.

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DRY NONFAT SOLIDS - Spray Process

DRY NONFAT SOLIDS - Roller Process

Month	1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from		1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from	
	Thousand pounds			1947	Av.1942-46	Thousand pounds			1947	Av.1942-46
				Percent					Percent	
Jan.	25,300	28,013	18,703	-10	+35	12,500	16,761	16,699	-25	-25
Feb.	25,700	32,229	19,451	-20	+32	12,400	17,414	17,829	-29	-30
Mar.	33,200	42,229	25,850	-21	+28	19,450	24,286	26,534	-20	-27
Apr.	39,925	46,271	29,839	-14	+34	24,900	28,070	33,124	-11	-25
May	52,250	51,657	36,408	+1	+44	38,700	37,254	43,655	+4	-11
June	52,290	54,017	35,145	-3	+49	38,750	41,455	43,623	-7	-11
July	44,050	49,563	30,489	-11	+44	26,625	31,759	34,469	-16	-23
Aug.	35,530	32,402	25,532	+10	+39	16,985	19,483	25,630	-13	-34
Sept.	26,020	26,579	21,028	-2	+24	12,000	14,707	18,366	-18	-35
Oct.	27,000	20,085	17,448	+34	+55	9,790	11,072	13,910	-12	-30
Nov.	27,900	14,033	14,456	+99	+93	7,550	6,553	10,756	+15	-30
Dec.	37,100	21,626	18,377	+72	+102	12,600	10,423	13,470	+21	-6
TOTAL	426,265	418,704	292,726	+2	+46	232,250	259,237	298,065	-10	-22

TOTAL DRY NONFAT SOLIDS

SKIM MILK-ANIMAL FED

Month	1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from		1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from	
	Thousand pounds			1947	Av.1942-46	Thousand pounds			1947	Av.1942-46
				Percent					Percent	
Jan.	37,800	44,774	35,402	-16	+7	750	676	1,802	+11	-58
Feb.	38,100	49,643	37,280	-23	+2	625	857	1,743	-27	-64
Mar.	52,650	66,515	52,384	-21	+1	975	1,701	2,448	-43	-60
Apr.	64,825	74,341	62,963	-13	+3	1,550	2,351	2,939	-34	-47
May	90,950	88,911	80,063	+2	+14	2,050	3,182	3,735	-36	-45
June	91,040	95,472	78,768	-5	+16	2,000	3,935	3,880	-49	-48
July	70,675	81,322	64,958	-13	+9	1,400	3,636	2,979	-61	-53
Aug.	52,515	51,885	51,162	+1	+3	1,100	2,438	2,300	-55	-52
Sept.	38,020	41,286	39,394	-8	-3	1,000	1,432	1,598	-30	-37
Oct.	36,790	31,157	31,358	+18	+17	1,100	825	1,222	+33	-10
Nov.	35,450	20,586	25,212	+72	+41	750	524	927	+43	-19
Dec.	49,700	32,049	31,847	+55	+56	720	592	1,036	+22	-31
TOTAL	658,515	677,941	590,791	-3	+11	14,020	22,149	26,609	-37	-47

DRY WHOLE MILK - Spray Process

DRY WHOLE MILK - Roller Process

Month	1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from		1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from	
	Thousand pounds			1947	Av.1942-46	Thousand pounds			1947	Av.1942-46
				Percent					Percent	
Jan.	10,950	13,001		-16		1,710	900		+90	
Feb.	10,500	10,818		-3		2,350	1,480		+59	
Mar.	10,600	9,896		+7		1,600	1,400		+14	
Apr.	13,050	10,023		+30		2,020	1,750		+15	
May	21,300	14,915	Not avail-	+43	Not avail-	1,650	1,800	Not avail-	-8	Not avail-
June	18,700	16,050	able	+17	able	900	1,400	able	-36	able
July	18,000	16,373		+10		1,675	1,450		+16	
Aug.	15,570	14,076		+11		1,275	1,580		-19	
Sept.	11,850	12,671		-6		1,250	1,750		-29	
Oct.	9,900	12,411		-20		1,615	1,950		-17	
Nov.	5,750	7,892		-27		1,600	1,725		-7	
Dec.	7,950	8,027		-1		1,215	1,550		-22	
TOTAL	154,120	146,153		+5		18,660	18,735		+1	

TOTAL DRY WHOLE MILK

DRY BUTTERMILK

Month	1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from		1948 1/ 1947 2/		5-yr.av. 1942-46	Change in 1948 from	
	Thousand pounds			1947	Av.1942-46	Thousand pounds			1947	Av.1942-46
				Percent					Percent	
Jan.	12,660	13,901	11,032	-9	+15	2,925	3,606	4,310	-21	-32
Feb.	12,850	13,298	10,819	+4	+19	2,935	3,795	4,343	-23	-32
Mar.	12,300	11,296	12,901	+8	-5	3,650	4,570	4,984	-20	-27
Apr.	15,070	11,773	14,606	+28	+3	4,260	4,689	5,109	-9	-17
May	22,950	16,715	17,812	+37	+29	4,905	5,384	6,168	-8	-20
June	19,600	17,150	18,929	+12	+4	4,800	5,199	6,433	-8	-25
July	19,675	17,823	15,852	+10	+24	4,150	4,765	5,524	-13	-25
Aug.	16,845	15,656	13,508	+8	+25	3,125	3,189	3,686	-2	-33
Sept.	13,100	14,421	11,255	-9	+16	2,575	2,858	3,641	-10	-29
Oct.	11,515	14,361	10,350	-20	+11	2,675	2,592	3,349	+3	-20
Nov.	7,350	9,617	8,650	-24	-15	2,570	2,074	2,946	+24	-13
Dec.	9,165	9,577	10,960	-4	-16	3,090	2,626	3,634	+18	-15
TOTAL	172,980	164,898	155,674	+5	+10	41,720	45,437	55,127	-8	-24

1/ Revised estimates.

2/ Final enumerations.

CASE GOODS

Month	EVAPORATED MILK			SWEETENED CONDENSED MILK						
	1948 1/	1947 2/	5-yr. av. 1942-46	Change in 1948 from		1948 1/	1947 2/	5-yr. av. 1942-46	Change in 1948 from	
				1947	1942-46 av.				1947	1942-46 av.
	Thousand pounds			Percent		Thousand pounds			Percent	
January	176,250	203,556	227,192	-13	-22	9,750	9,047	7,644	+8	+28
February	194,000	210,879	230,736	-8	-16	9,550	7,857	7,712	+22	+24
March	270,800	269,412	283,505	+1	+4	11,400	9,581	9,539	+19	+20
April	335,400	323,953	329,363	+4	+2	13,700	11,623	11,006	+18	+24
May	450,200	416,348	416,095	+8	+8	13,500	12,952	12,172	+4	+11
June	450,000	415,841	409,544	+8	+10	12,600	13,031	12,612	-3	0
July	387,200	354,491	354,552	+9	+9	11,800	16,428	11,152	-28	+6
August	330,100	264,611	301,000	+36	+20	12,600	19,441	10,877	-35	+16
September	282,600	221,850	248,060	+26	+14	10,300	21,790	9,336	-55	+10
October	226,250	206,249	208,280	+10	+9	8,600	18,988	8,792	-55	-2
November	154,900	157,110	173,100	-1	-11	8,250	12,847	7,615	-36	+8
December	147,000	160,727	184,752	-9	-20	10,000	11,391	7,986	-12	+25
TOTAL	3,434,700	3,208,027	3,366,179	+7	+2	132,050	164,976	116,443	-20	+13

BULK GOODS  
Unsweetened Condensed Milk (plain condensed)

Month	WHOLE			SKIMMED						
	1948 1/	1947 2/	5-yr. av. 1942-46	Change in 1948 from		1948 1/	1947 2/	5-yr. av. 1942-46	Change in 1948 from	
				1947	1942-46 av.				1947	1942-46 av.
	Thousand pounds			Percent		Thousand pounds			Percent	
January	13,000	11,591	7,308	+12	+78	30,000	29,802	28,000	+1	+7
February	13,800	10,795	6,817	+28	+102	31,400	28,901	27,669	+9	+13
March	17,500	12,861	9,236	+36	+89	32,500	33,039	31,946	-2	+2
April	19,400	12,884	11,065	+51	+75	33,700	29,379	32,547	+15	+4
May	23,500	16,066	11,981	+46	+96	34,500	29,452	35,425	+17	-3
June	24,000	17,001	12,702	+41	+89	41,600	33,735	37,011	+23	+12
July	26,100	19,106	13,186	+37	+98	48,000	39,684	37,206	+21	+29
August	22,300	21,886	11,277	+2	+98	44,500	41,670	36,044	+7	+23
September	19,200	18,283	9,889	0	+94	39,075	40,601	33,121	-4	+18
October	13,100	13,955	9,032	-6	+45	33,400	34,446	31,428	-3	+6
November	9,725	9,503	7,734	+2	+26	31,930	31,083	30,524	+3	+5
December	9,700	10,022	7,381	-3	+31	31,000	30,375	28,806	+2	+8
TOTAL	211,325	174,953	117,608	+21	+80	431,605	402,167	389,727	+7	+11

Sweetened Condensed Milk

Month	WHOLE			SKIMMED						
	1948 1/	1947 2/	5-yr. av. 1942-46	Change in 1948 from		1948 1/	1947 2/	5-yr. av. 1942-46	Change in 1948 from	
				1947	1942-46 av.				1947	1942-46 av.
	Thousand pounds			Percent		Thousand pounds			Percent	
January	3,480	3,516	5,022	-1	-31	11,850	34,280	21,752	-65	-46
February	3,360	3,297	5,106	-16	-34	12,300	33,986	23,961	-87	-49
March	4,725	5,216	6,268	-10	-25	16,550	56,840	33,932	-71	-51
April	4,500	6,167	7,376	-27	-39	23,800	84,107	45,563	-72	-48
May	4,600	11,731	10,426	-61	-53	42,700	103,054	63,233	-59	-32
June	4,630	13,276	9,329	-65	-50	43,600	98,176	66,065	-56	-34
July	5,550	9,811	6,172	-43	-10	34,700	61,355	54,341	-43	-36
August	5,500	8,798	5,419	-37	+1	23,200	21,929	44,185	+8	-47
September	5,000	6,370	4,502	-20	+11	14,500	15,292	32,648	-5	-56
October	4,915	5,162	4,029	-5	+22	10,500	11,732	25,487	-11	-59
November	3,550	4,337	3,159	-22	+12	9,500	8,794	18,491	+8	-49
December	2,350	3,791	3,654	-38	-36	10,445	10,381	22,709	+1	-54
TOTAL	52,160	82,662	70,452	-37	-23	233,645	542,936	452,367	-53	-44

1/ Revised estimates. 2/ Final enumeration



#### EVAPORATED AND CONDENSED MILK

While production of evaporated milk for December was the lowest for the month since 1939, both manufacturers' stocks and prices were the highest on record, the Bureau of Agricultural Economics reports. December production was estimated at 147 million pounds, down 9 percent from a year earlier and 20 percent from the 5-year average. Revised estimates of production for 1948 give 3,434,700,000 pounds for the year, up 7 percent from 1947 and the third highest annual output on record.

December production of canned condensed milk was 10 million pounds, the highest for the month, except for a year earlier, since 1928. Production in December was 12 percent lower than a year earlier but 25 percent higher than the 1942-46 December average. The 1948 output totaled 132,050,000 pounds, a 20 percent decline from 1947.

Output of plain condensed bulk goods for December showed varied changes from a year earlier. Skim milk products were higher than a year earlier while whole milk products were lower. Plain condensed whole milk production was 9,700,000 pounds, 3 percent down from a year earlier and 31 percent up from the 5-year average. The annual production for 1948 totaled 211,325,000 pounds, a gain of 21 percent over 1947 and the highest annual production on record. Output of plain condensed skim milk was 31 million pounds for December, up 2 percent from a year earlier and up 8 percent from the 5-year average. At 431,605,000 pounds for 1948, the annual production was the third highest ever recorded. Sweetened condensed whole milk production was 2,350,000 pounds in December, down 38 percent from a year earlier and 36 percent from the 1942-46 average. For 1948, production totaled 52,160,000 pounds, down 37 percent from 1947 and the lowest for any year since 1938. Production of sweetened condensed skim milk, at 10,445,000 pounds, was up 1 percent from December 1947 but down 54 percent from the 5-year average. The 1948 total output was 253,645,000 pounds, or less than one-half of the 1947 output, and the lowest annual production on record since 1942.

Manufacturers' stocks of evaporated milk at the end of December were 424,619,000 pounds, up 168 percent from a year earlier and 248 percent from the 5-year average. These stocks are the highest on record for the date. Holdings of wholesale grocers on December 31 were lower than a year earlier. However, when wholesale grocers' stocks were combined with manufacturers' stocks, the total was 140 percent above a year earlier. Manufacturers' stocks of canned condensed milk at 12,576,000 pounds on December 31 were up 34 percent from a year earlier and 125 percent from the 5-year average. These stocks are the highest for the date since 1931.

Manufacturers' selling prices of both evaporated and condensed milk case goods showed the highest December price on record. The price of evaporated milk at \$5.95 per case of 48 14 $\frac{1}{2}$ -oz. cans was only 1 cent above November but 25 cents above a year earlier. Sweetened condensed milk averaged \$9.60 per case of 48 14-oz. cans for December, unchanged from November but 80 cents higher than a year earlier. Lower prices than a month earlier were shown by all bulk goods products. Prices of plain condensed whole milk averaged \$14.76 per hundredweight for December, a decline of 27 cents from November and 10 cents from a year earlier. Selling prices of plain condensed skim milk averaged \$4.90 per hundredweight, down 16 cents from November but up 18 cents from a year earlier. The average selling price of sweetened condensed whole milk was \$16.48, down 18 cents from November and 9 cents lower than a year earlier. Sales of sweetened condensed skim milk averaged \$8.95 per hundredweight, down 16 cents from November but 13 cents up from a year earlier. For milk of 3.5 percent butterfat, average prices paid producers during December were \$3.33 per hundredweight, down 1 cent from November and 71 cents from a year earlier. The December price was lower than both in December 1947 and 1946, but higher than any other December on record. On the basis of actual butterfat content, prices paid producers by condenseries averaged \$3.97 per hundredweight for milk testing 4.30 percent butterfat. Butterfat in this milk averaged 92 cents per pound which was unchanged from November but 20 cents below a year earlier.

Purchases of milk by reporting condenseries totaled 408,010,000 pounds during December from approximately 161 thousand producers. Each producer averaged 81.7 pounds of milk delivered daily, a decline of 3 percent from a year earlier and 8 percent from the December 5-year average.

NOTE: Attention is called to the revisions on the production of condensed, evaporated and dry milk products in 1948 on pages 6 and 7.