## BUREAU OF AGRICULTURAL ECONOMICS WASHINGTON, D. C.

June 30, 1949

# EVAPORATED, CONDENSED, AND DRY MILK REPORT (May 1949)

#### DRY MILK

The production of nonfat dry milk solids in May set an all-time monthly high record, reports the Bureau of Agricultural Economics. Stocks of nonfat dry milk solids held by driers at the end of May were the second largest of record for that date. Prices received by driers averaged slightly higher than in April for nonfat dry milk solids and dry whole milk, but slightly less for dry skim milk for animal feed, and dry buttermilk. All prices, however, were considerably lower than in May last year.

'Production of nonfat dry milk solids — both spray and roller — in May continued to exceed that of a year earlier, although the margin of gain was slightly smaller than in April. Totaling 72,250,000 pounds, the May production of spray process exceeded that of a year earlier by 38 percent, and the 43-47 May average by 81 percent. Roller process, at 46,000,000 pounds, was 19 percent larger than in May last year and 6 percent larger than the five-year May average. Production of spray process for the first five months of 1949, estimated at 268,955,000 pounds, was 52 percent larger than the production of the same period last year. This year's roller output, at 131,785,000 pounds for the same period, was 22 percent larger. The combined production of spray and roller in May totaled 118,250,000 pounds and for the first five months 400,740,000 pounds, an increase of 30 percent and 41 percent, respectively, over the production of the corresponding periods last year.

Production of dry whole milk in May was smaller than that of a year earlier. Estimated at 14,100,000 pounds, spray-dried whole milk was 34 percent smaller than in May last year, and roller-dried, at 1,315,000 pounds, was 20 percent smaller. The combined spray and roller production of 15,415,000 pounds was 33 percent smaller than a year earlier, and the cumulative production of 59,590,000 pounds for the first five months was 21 percent smaller. May production of dried skim milk for animal feed totaled 2,900,000 pounds and for dried buttermilk 5,800,000 pounds, increases over a year earlier of 41 percent and 17 percent, respectively. Cumulative production of dried skim milk for animal feed at the end of ray was 77 percent larger than a year earlier; dried buttermilk was up 14 percent.

Stocks of dry whole milk held by driers at the end of May were smaller than on the same date last year. Driers reported 16,096,000 pounds on May 31, compared to 20,307,000 pounds a year earlier, a decrease of 21 percent. These stocks were also 17 percent smaller than the five-year May 31 average. Stocks of nonfat dry milk solids, however, at the end of May were much larger than a year earlier. Totaling 95,387,000 pounds — spray and roller combined — they were 52 percent larger than the stocks of May 31 last year and 31 percent larger than the corresponding five-year average. Stocks of dry skim milk for animal feed totaled 1,559,000 pounds at the end of May, an increase of 43 percent over the stocks of a year earlier, but a decrease of 5 percent from the stocks of the corresponding five-year average. Stocks of dry buttermilk at 8,023,000 pounds were 86 percent larger than a year earlier and 51 percent larger than the five-year average.

Manufacturers prices of nonfat dry milk solids and dry whole milk in May edged above the April level, but the prices of dry skim milk for animal feed and dry buttermilk dropped slightly. For all products, however, prices were considerably lower than in May last year. Prices of spray-dried nonfat milk solids in May averaged 12.24 cents per pound and roller-dried 10.82 cents. The combined average

(Continued on page 4)

3,240,719

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

GRAND TOTAL

	+	<b></b>	<b></b>						
			All other pkgs. in-	Total					
Price 1/	1-21 lb. packages	5 lb. packages	cluding bbls.& drums	reported shipments					
Cents	Pounds								
$22\frac{1}{2}-23\frac{1}{2}$			30,530	30,530					
26 <del>}</del> -27 <del>}</del>			31,600	31,600					
27 <del>-                                    </del>			837,771	837,771					
265~29 <del>5</del>			522,940	522,940					
2 <del>9 </del> ~ 30	34,982	1	101,270	136,252					
30 <del>5</del> -31 <del>2</del>	-		121,407	121,407					
31 <del>]</del> - 32 <del>]</del>	_		25,400	25,400					
32 <del>5-</del> 33 <del>5</del>	266,714		127,532	394,246					
335-345	_	580,190	82,525	662,715					
34 <del>5</del> -35 <del>5</del>	_	5,730	118,240	123,970					
36돌-37돐	86,904	-	-	86,904					
37 <del>1</del> ,-3∂3	292,572	18,300	_	310,872					
$39\frac{1}{2} - 40\frac{1}{2}$	212,148	-	134,354	346,502					
<b>心</b> 染-切着	12,000	-	820,780	832,780					
$41\frac{7}{5}$ $42\frac{7}{5}$	-	-	1,246,592	1,246,592					
$43_{2}^{7}-44_{3}^{7}$	560,264	-	•	560,264					
445-455	_	36,550		36,550					
46 <del>}</del> -47 <del>}</del>	-	366,025		366,025					
48 <del>5-49</del> }	3,262	-		8,262					
50 <b>-</b> 51 - 5	165,306	-		165,306					
531-531	1,735,884	745,794		2,481,658					
TOTAL	3,375,016	1,752,539	4,200,941	9,328,546					

Classified according to average monthly prices reported by firms.

Includes some dry whole in special packages for expert.

#### DURING MAY 1949 WITH COMPARISONS

-			-							_		
	-	nfat dr	•	:Dry :	N.F.	Dry	butterm	ilk		Dry who]	e milk	<b></b>
Month	: mil	k solid			solids			Human :		: 10	ther pkgs	3:
	: , :		Spray &	an.	& dry :	Human:	Animal:	and :	1-2½1b.	:5-1b-::	inclabble.	. : Total
<u> </u>	Spray	Rollere	roller						pkgs.	pkgs.	drums	shots.
		£ 1				per		<u>d</u>				1. 1
May 1949	12.24	10.82	11.78	8:64	11.72	10.22	8.21	8.92	46,99	45,09	35.71	41.55
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
May 1948	14.95	13.64	14.39	10.82		14.23	10.63	9.14	55.50	49.28	43.00	47.45
May 1943-47	1/	<u></u>	13.29	8.52	13.16	13.11	8.26	10.35	1/	1/	<u>1</u> /	37.08
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1/ Not avail	ahla.											

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

	Case goo	ods	 :	Bulk	goods	— — <u>— — — — —                         </u>
Geographic	Evaporated	Condensed		condensed		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Division .	$(48 \ 14\frac{1}{2} - \text{oz. cans})$	(48 14-oz. cans)	: (unsw	etoned)		ed cond
	per case	per case	Whole	Skimmed	Whole	: Skimmed
	Dolla	ers	Dol:	lars per h		
New England	5.06	9.10	-	4.07	13.93	8,19
Middle Atlantic	5.05	9.10	13.45	3,69	14.08	7.32
South Atlantic	5.05	9.10	´ <b>-</b>	3.32	15.83	8.27
East North Central	4.97	9.10	11.75	3.56	.13.01	7.73
West North Central	4.99		10.00	3.81	13.63	8.02
South Central	5.10	9.10	-	3.86	14.33	7.82
North Western	5.14	· <b>'-</b>	11.00	-		0.75
South Western	5.19	· -	-	3.80	13.83	8.15
U. S. MAY 1949	5,05	9.10	12.44	3.66	13.64	7.83
U. S. APR. 1949	5.18	9.10	12,65	3.82	13.80	7.91
U. S. MAY 1948	6.41	9,69	15.39	4.68	16.42	79.02
						3 5

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 MAY 1949 - 7 GEOGRAPHIC DIVISIONS  $\underline{1}/$ 

Geographic	: Number of plants or	Price per	cwt.
Division	: stations	Range	: Average
		Dollars	Dollars
Mid. Atlantic	7	2.64-3.55	3.01
South Atlantic	7	2.49-2.90	2.61
East North Central	87	2.41-3.13	2.69
West North Centrel	12	2.45-2.82	2.58
South Central	18	2.45-2.62	2,52
North Western	8 -	2.46-2.81	2.69
South Western	18	2.62-2.97	2.82
U. S. MAY 1949	157	2.41-3.55	2.69
Ū. s. ĀPĀ. 1949	<u>162</u>	2.41-3.72	2.72
U. S. MAY 1948	152	3.33-4.64	3.99
0. 3. mai 1040	or the New England Division		
I No prices available in	or one new migrand presson		

Prices raid at Midwest condensaries used in determining class prices under the New York and Chicago Milk Marketing Order for May

Chicago \$2.768

New York City \$2.742

		May 19	949	· <u>-</u>	pril 1949	<u>z/</u>	<u>M</u> a	y 1948	
State	Price	•	:Price per:		;	Price per:	Price	:	Price per
and	: paid	:Butter-	: 1b. of :	paid	:Butter-:	lb. of			lb. of
Div.	per 100		: butter- :			butter-			butter-
	lbs. mill	c: test			c: test :	fat	lbs. milk	: test	fat
	Dollars	Pct.	Dollars	Dollars	Pct.	Dollars	Dollars	Pot.	Dollars
N. Y.	2.80	3.62	.77	2.82	3.55	.80	4.32	3.61	1.20
M. Atl. 3/	2.84	3.65	.78	2.88	3.59	.80	4.37	3.65	1.20
Va	3.05	- <del>4</del> .20 -	73	3.09	4.22	73	4.35	4.26	1.02
W. Va.	3.12	4.21	.74	3.10	4.19	.74	4,52	4.25	1.06
s. Atl. 3/	3.13	4.21	.74	3.20	4.24	.75	4.47	4.21	1.06
Ohio	2.87	4.01	71	2.93	4,04	.72	4.51	4.01	1.12
Ind.	2.95	4.05	.73	3.01	4.13	.73	4.62	4.07	1.13
Ill.	2.75	3.58	.77	2.78	3.66	.76	4.25	3.60	1.18
Mich.	2.92	3.85	.76	2.91	3.79	.77	4.49	3.92	1.15
Wis.	2.95	3.65	.81	2.89	3.59	.80	4.33	3.62	1.20
E. N. C.	2.90	3.78	77	2,90_	_ 3.76	77	_ 4.40	_ 3372.	_ 1.17
Minn.	2.67	3.47	77	2.67	3.47	.77	4.00	3.62	1.11
Iowa	2.83	3.56	.79	2.89	3.61	.80	4.06	3.62	1.12
Mo.	2.95	4.15	.71	3.01	4.12	.73	4.58	4.22	1.09
Kans.	2.79	3.95	.71	2.85	3.95	.72	4.36	3.96	1.10
W. N. C.	2.88	3.96	73	_2.93_	_3.94	74	_ 4.40	_ 4.02_	1.09
Ky.	3.03	4.31	.70	3.07	4.32	.71	4.35	4.27	1.02
Tenn.	3.08	4.34	.71	3.15	4.41	.71	4.38	4.33	1.01
Miss.	2.99	4.24	.71	3.05	4.29	.71	4.28	4.20	1.02
Texas	3.12	4.24	.74	3.17	4.29	.74	4.28	4.29	1.00
S. Cent.3/_	3.05	4.31 _	71	_3.10_	_4.34	71	_ 4.36	_ 4.27	1.02
Ideho	3.00	3.84	.78	3.02	3.88	.78	4.38	3.91	1.12
Wash.	3.07	3.99	.77	3.50	3.99	.88	4.13	4.00	1.03
Cre.	3.38	4.30	.79	3.48	4.32	.80	4.48	4.36	1.03
<u>N</u> . W	3.07	<del>3.</del> 96 - 3.75 -	78	3.31	_3.98	83	4.26	4.00	1.06
Colo.	2.91	3.75	.77	2.94	3.79	.77	4.19	3.64	1.15
Utah	2.80	3.39	.83	2.85	3.39	.84	3.99	3.39	1.18
Calif.	3.06	3.75	.82	3.17	3 <b>.7</b> 9	.84	4.34	3.81	1.14
<u>s. w. 3/</u>	3.01	3.68	82	<u> </u>	_3.72	83	4.27	3.73	_ 1.14
<u>s. w. 3/</u> <u>u. s. 3/</u>	2.95	3,89	.76	2.99	3.88	27	4.38	_ 3,88_	1.13

Preliminary; subject to revision. Prices are for milk of actual butterfat test as reported. All prices are reported as f.e.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 COMDENSERIES MAY 1949, WITH COMPARISONS \*

		May	May average	
	Unit	1949	1948	1943-47
Purchases, reported total	Pounds	770,575,000	753,263,000	730,703,000
Producers	Numbers	161,000	154,000	152,000
Average daily purchases		•		
per producer	Pounds	154.4	157.8	155.1
Changes in purchases per		•		
producer 1949 from 1948	Percent	-2.2	XXXX	2020
1949 from 5-yr. average	ti	<b>-</b> 0.5	XXXXX	XXXX

<sup>\*</sup> 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.

was 11.78 cents compared to 11.72 cents in April and 14.39 cents in May last year. Dried skim milk for animal feed averaged 8.64 cents per pound and dried buttermilk 8.92 cents. The corresponding prices in April this year and May last year were 8.74 cents and 10.82 cents, and 9.36 cents and 12.57 cents, respectively.

Dry whole milk in  $1-2\frac{1}{2}$  pound packages brought an average of 46.99 cents in May. For five pound packages, the average was 45.09 cents and in bulk 35.71 cents. The average price for sales in  $1-2\frac{1}{2}$  pound packages was slightly over 2 cents higher

)		r <b>–</b> – – – 1	Chang	e in May				
			1949	from -	Cumulat	ive total		
COMMODITY	May	May		1943-47	Jan. May	Change from		
	1949 1/	1948 1/	1948	average	1949	Jan May 1948		
Evaporated and Condensed Milk	Thousand	pounds	Per	cent	Thous 1b.	Percent		
Evaporated (case goods)	362,850	450,200	<b>-19</b>	<b>-</b> 12	1,162,600	<b>-19</b>		
Condensed whole (case goods)	12,800	13,460	<b>-</b> 5	- 7	61,000	+ 5		
Plain condensed whole (bulk)	24,500	23,500	+ 4	+101	85,375	<b>- 2</b>		
Plain condensed skimmed (bulk)	43,500	34,500	+26	+24	162,650	0		
Sweetened Cond. Whole (bulk)	3,900	4,600	<b>-1</b> 5	<b>-64</b>	14,740	<b>-29</b>		
Sweetened Cond. Skimmed (bulk)	36,500	42,700	<i>⊷</i> 15	<b>-</b> 53	100,010	<b>-7</b>		
Dry Milk								
Dry whole				,		· · · · · · · · · ·		
Spray process	14,100	21,300	-34	2/	51,720	<b>-22</b>		
Roller process	1,315	1,650	<b>~</b> 20	2/	7,870	-16		
Total	15,415	22,950	33	-24	59,590	21		
Dry nonfat solids				,				
Human food - Spray process	72,250	52,250	+38	+81	268,955	+52		
Human food - Roller process	46,000	38,700	+19	+6	131,785	+22		
Total (Human food)	118,250	90,950	+30	+42	400,740			
Dry skim milk (animal feed)	2,900	2,050	_+41	+6	10,545	+77		
Dry buttermilk	5,800	4,965	_+17	]	21,395	+14		
1/ Estimated. Subject to revision when enumerations are available for 1948.								

MANUFACTURERS' STOCKS OF EVAPORATED, CONDENSED AND DRY-MILK MAY 31

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

COMMODITY -	1949	1948 1/	Average 1943-47	Change 1948	in 1949 from 1943-47 av.			
Evaporated and Condensed Milk	Thousa	nd pounds			ercent			
Evaporated (case goods)	298,661	178,654	225,886	+67	+32			
Condensed whole (case goods)	11,390	11,619	9,847	- 2	+16			
Dry Milk					,			
Dry whole	15,929	19,930	2/	-20	2/			
Spray process Roller process	167	377	2/	<b>-</b> 56	<u>3/</u> 2/			
Total	16,096	20,307	19,510	-21	-17			
Dry nonfat solids	†							
Human food - Spray process	57,547	35,108	37,368	+64	+54			
Human food - Roller process	37,840	27,840	35,607	+36	+ 6			
Total (human food)	95,387	62,948	72,975	+52	+31			
Dry skim milk (animal feed)	1,589	1,108	1,671	+43	- 5			
Dry buttermilk	8,023	4,306	-5,300	+86	+51			
1/ Revised to include late reports. 2/ Not reported separately prior to January 1945.								

than in April but in other packages the averages remained practically unchanged. Compared to May last year, however, the prices of  $1-2\frac{1}{2}$  pound packages averaged 8.51 cents lower, 5 pound packages. 4.19 cents lower, and in bulk 7.29 cents lower.

Sales of nonfat dry milk solids in May exceeded those of last year by around 26 percent. During May, the Federal Government continued to buy heavily under its prices support program. May purchases by the Government for all purposes totaled 45,054,162 pounds. From January 1 of this year through June 29, purchases by the Federal Government for all purposes totaled 232,958,585 pounds. At the end of May the Government had bought approximately 41 percent of the 1949 production up to that date.

### EVAPORATED AND CONDENSED MILK

With record high stocks of evaporated milk for the month and prices the lowest for any month since June 1946, production for May was the lowest for the month since 1941, the Bureau of Agricultural Economics reports. At 362,850,000 pounds

for May, output was 19 percent below a year earlier and 12 percent under the five-year average. During the first five months of 1949, a total of 1,162,600,000 pounds was produced, a decline of 19 percent from the same period in 1948.

Canned condensed milk production during May was 12,800,000 pounds, a decrease of 5 percent from a year earlier and 7 percent from the 1943-47 May average. The production for January through May totaled 61,000,000 pounds, a gain of 5 percent from the same months of 1948.

Production of plain condensed bulk goods items in May was higher than a year earlier while sweetened condensed items were lower. Plain condensed whole milk production at 24,500,000 pounds was the highest of record for the month. It was 4 percent above a year earlier and 101 percent above the five-year average. For the first five months of 1949, production totaled 85,375,000 pounds, a decline of 2 percent from the same period a year earlier. Production of plain condensed skim milk at 43,500,000 pounds, was up 26 percent from May last year, 24 percent from the five-year average, and the highest of record for the month. Totaling 162,650,000 pounds for the first five months of the year, production was unchanged from the same period in 1948. Output of sweetened condensed whole milk was 3,900,000 pounds for May, a decline of 15 percent from a year earlier and 64 percent from the five year average. So far in 1949, the cumulative total of 14,740,000 pounds was 29 percent under the first five months of 1948. Production of sweetened condensed skim milk at 36,500,000 pounds was 15 percent under a year earlier and 53 percent below the five-year average. During the first five months of the year, output totaled 100,010,000 pounds, a decrease of 7-percent from the same period in 1948.

Manufacturers' stocks of evaporated milk rose more than one hundred millien pounds during May, and at the end of the month were 298,661,000 pounds, an all-time record for the date. Present stocks are 67 percent above a year earlier and 32 percent above the five-year average. Stocks of canned condensed milk at 11,390,000 pounds were 2 percent under a year earlier, but 16 percent above the five-year average.

Manufacturers' selling prices during May averaged \$5.05 per case of 48 14½-oz. cans, a 13 cent drop from the previous month and \$1.36 less than a year earlier. This average is the lowest for any month since price ceilings were removed in July 1946. Prices of sweetened condensed whole milk were unchanged for the third consecutive month, and at \$9.10 per case of 48 14-oz. cans the average was 59 cents under the price a year earlier. Selling prices of all condensed bulk goods items were lower than the preceding month, as well as a year earlier. Prices of plain condensed whole milk averaged \$12.44 per hundredweight for May, a decline of 21 cents from the previous month and \$2.95 from the same month a year earlier. An average price of \$3.66 per hundredweight for plain condensed skim milk during May represents a decline from the previous month of 16 cents and from a year earlier of \$1.02. At \$13.64 per hundredweight, the price of sweetened condensed whole milk was 16 cents below the previous month and \$2.78 under the same month a year earlier. Prices of sweetened condensed skim milk averaged \$7.83 per hundredweight for May which is the lowest price for the month on record since 1941. The May price was 8 cents under April and \$1.19 under Ley 1948.

Prices paid producers by condenseries for milk of 3.5 percent butterfat during May averaged \$2.69 per hundredweight, a 3 cent decline from the previous month and \$1.30 from a year earlier. The present May price is the lowest shown for the month since 1945.

Based on actual butterfat test, prices paid producers by condenseries in May averaged \$2.95 per hundredweight for milk testing 3.89 percent butterfat. The May price per pound of butterfat was 76 cents, which is 1 cent less than the previous month and 37 cents under a year earlier. Purchases of milk by condenseries during May totaled 770,575,000 pounds from approximately 161,000 producers. Average daily purchases per producer for May was 154.4 pounds, a decrease of 2 percent from a year earlier and a fractional decrease from the five-year average.