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EVAPORATED, CONDENSED AND DRY MILK  
REPORT FOR NOVEMBER 1962

JAN 7 - 1963  
December 31, 1962

PRODUCTION

EVAPORATED AND CONDENSED MILK: Production of evaporated whole milk for November 1962 is estimated at 134 million pounds by the Crop Reporting Board. This is 14 percent above a year earlier, but 1 percent below the November 1956-60 average. For the first 11 months of 1962, production amounted to 1,780 million pounds, 11 percent less than in the corresponding period of 1961.

Output of canned sweetened condensed whole milk during November was 7.2 million pounds, 38 percent more than a year earlier, 53 percent greater than average and the largest November output since 1948. January-November production totaled 71 million pounds and exceeded the comparable 1961 period by 10 percent.

DRY MILK: Production of nonfat dry milk for human food (spray and roller process combined) for November is estimated at 140.5 million pounds by the Crop Reporting Board, 3 percent more than November 1961, 42 percent larger than average and the highest November production of record. January-November production totaled 2,004 million pounds, an increase of 9 percent over the comparable period of 1961.

November production of spray-dried nonfat milk was 135 million pounds, a gain of 5 percent from November last year, 46 percent above average and a record high for the month. For the first 11 months of 1962, production amounted to 1,896 million pounds, 10 percent greater than the same period last year.

The 5.5 million pounds of roller-dried nonfat milk produced during November was 27 percent below a year earlier, 19 percent below average, and the lowest November production since 1951. January-November production totaled 108 million pounds, 12 percent under the corresponding period of 1961.

November output of dry whole milk totaled 6.8 million pounds, 10 percent below a year earlier and 4 percent under the November 1956-60 average. The January-November production totaled 73.8 million pounds, down 1 percent from the corresponding period of a year ago.

Dry buttermilk output was 6.0 million pounds in November, 4 percent less than a year earlier, but 19 percent above average. During the first 11 months of 1962 production amounted to 81.9 million pounds, unchanged from the same period last year.

Production of dry skim milk for animal feed during November totaled 2.1 million pounds, 19 percent higher than a year earlier and 35 percent larger than average. The 23.3 million pounds produced during the first 11 months of 1962 was 8 percent smaller than the corresponding period of 1961.

## STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on November 30 totaled 174 million pounds. This is 38 percent smaller than a year earlier, 39 percent lower than the November 30 1956-60 average and the smallest holdings for the date since 1946. Holdings of condensed whole milk were 6.5 million pounds, 20 percent larger than on November 30 last year, but 2 percent smaller than average.

Prices paid producers by reporting condenseries during November averaged \$3.47 per hundredweight for milk testing 4.21 percent fat or an average of 82 cents per pound of milkfat. On the basis of milkfat, prices were 1 cent above the previous month but 4 cents below November 1961. By States, prices ranged from a high of 89 cents per pound in Wisconsin to a low of 76 cents in Kentucky and Mississippi.

Reporting condenseries for which historical data are available purchased 366 million pounds of milk in November from approximately 73,000 producers. Average daily purchases per producer were 167 pounds, record high for the month, 12 percent greater than a year earlier, and 37 percent above average.

Manufacturers' selling prices for evaporated whole milk during November averaged \$6.05 per case of 48 14½-oz. cans. This is unchanged from the previous month but a drop of 24 cents from November last year. Compared with the previous month, November prices increased 1 cent in the South Central Region, decreased 1 cent in the South Western Region and held steady in all other sections of the country.

DRY MILK: Stocks of nonfat dry milk for human consumption held by reporting manufacturers on November 30 totaled 83.6 million pounds, a reduction of 28 percent from November a year ago and 2 percent less than the 1956-60 average for the date. Holdings of spray-dried nonfat milk amounted to 79 million pounds, down 25 percent from a year earlier but up 6 percent from average. The 4 million pounds of roller-dried nonfat milk held on November 30 was 61 percent smaller than a year earlier, 59 percent under average and the lowest of record for the date. Stocks of dry whole milk totaled 5 million pounds, a decrease of 24 percent from November last year, 44 percent below average, and the smallest November 30 holdings since 1939. End-of-the-month stocks of dry buttermilk were 6 million pounds, a drop of 40 percent from a year earlier but a gain of 13 percent from the November average. Dry skim milk for animal feed amounted to 1 million pounds, down 23 percent from November 1961, but up 6 percent from average.

Shipments of nonfat dry milk for human food during November were reported at 107 million pounds, 14 percent less than the previous month and 13 percent below a year earlier. During November 103 million pounds of spray-dried nonfat milk were shipped. This was 12 percent under the previous month and 10 percent below a year earlier. Shipments of roller-dried nonfat milk amounted to 4 million pounds, 38 percent less than a month earlier, 47 percent smaller than a year ago and the lowest November shipments of record. Dry whole milk shipments

during November were 5.6 million pounds, up 44 percent from a month earlier but down 1 percent from November 1961. Total November shipments of dry buttermilk amounted to 4.8 million pounds, 3 percent above the previous month but 3 percent below a year earlier. Shipments of dry buttermilk for human food were 4 million pounds, a gain of 5 percent from the previous month, but a loss of 4 percent from a year earlier. Shipments of dry buttermilk for animal feed totaled 0.7 million pounds, 9 percent smaller than October, but 1 percent larger than a year earlier. During November, shipments of dry skim milk for animal feed amounted to 1.1 million pounds. This was 8 percent above a month earlier, but 13 percent under November 1961.

Manufacturers' selling prices of nonfat dry milk for human food (spray and roller process combined) averaged 14.40 cents per pound during November compared with 14.23 cents the previous month and 16.04 cents November a year ago. Prices of spray-dried nonfat milk were 14.44 cents, 0.2 cent above the month before, but 1.7 cents under November 1961. Roller-dried nonfat milk averaged 13.54 cents per pound, compared with 13.16 cents the previous month and 14.08 cents a year earlier.

Selling prices of dry whole milk in all sizes of packages during November averaged 34.31 cents per pound, 2.6 cents higher than the previous month but 0.2 cent smaller than a year earlier. In 1-2 $\frac{1}{2}$  pound packages, prices averaged 43.49 cents per pound, a decline of 2.8 cents from October but an increase of 2.7 cents from November last year. For 5-pound packages, prices were 41.18 cents per pound, 1.1 cents less than a month earlier and fractionally lower than November 1961. Dry whole milk in miscellaneous packages (mostly barrels and drums) averaged 29.43 cents per pound during November. This compares with 28.22 cents for October and 31.16 cents for November a year ago.

Manufacturers' selling prices of dry buttermilk, human food and animal feed combined, averaged 12.27 cents per pound, compared with 12.32 cents the previous month and 14.43 cents for November last year. During November, dry buttermilk for human food averaged 12.86 cents per pound, an increase of 0.2 cent from a month earlier but 2.2 cents under a year earlier. Dry buttermilk for animal feed averaged 10.00 cents per pound, compared with 10.40 cents the previous month and 10.44 cents a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during November were 79.5 million pounds. Total deliveries for the period April 1 through November 30 totaled 885.7 million pounds, compared with 767.4 million pounds for the corresponding period of 1961. On December 19, the Department held 507.9 million pounds of uncommitted supplies of nonfat dry milk.

Table 1.-Evaporated, condensed, and dry milk: Production, November 1962

Commodity	Nov. 1961 <u>1/</u>	Nov. 1962 <u>2/</u>		Jan.-Nov. 1962		
		Total	Change from--		Total	Change from Jan.-Nov. 1961
			Nov. 1956-60 average	Nov. 1961		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<u>Evaporated and condensed milk:</u>						
Evaporated whole (case goods) ...	117,236	134,000	- 1	+14	1,780,400	-11
Condensed whole (case goods) ....	5,232	7,200	+53	+38	70,970	+10
<u>Dry milk:</u>						
Dry whole milk .....	7,564	6,800	- 4	-10	73,800	- 1
Nonfat dry milk (human food):						
Spray process .....	128,755	135,000	+46	+ 5	1,895,600	+10
Roller process .....	7,573	5,500	-19	-27	108,300	-12
Total .....	136,328	140,500	+42	+ 3	2,003,900	+ 9
Dry skim milk (animal feed) .....	1,767	2,100	+35	+19	23,310	- 8
Dry buttermilk .....	6,264	6,000	+19	- 4	81,900	0

1/ Enumerations.

2/ Estimates.

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks November 30, 1962 1/

Commodity	Average Nov. 30, 1956-60	Nov. 30, 1962 <u>2/</u>	November 30, 1962		
			Total	Change from--	
				Nov. 30, 1956-60 av.	Nov. 30, 1961
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<u>Evaporated and condensed milk:</u>					
Evaporated whole (case goods) ...	284,022	282,605	174,215	-39	-38
Condensed whole (case goods) ....	6,599	5,377	6,479	- 2	+20
<u>Dry milk:</u>					
Dry whole milk .....	8,116	6,014	4,555	-44	-24
Nonfat dry milk (human food):					
Spray process .....	74,624	106,071	79,448	+ 6	-25
Roller process .....	10,306	10,869	4,192	-59	-61
Total .....	84,930	116,940	83,640	- 2	-28
Dry skim milk (animal feed) .....	916	1,257	972	+ 6	-23
Dry buttermilk .....	4,883	9,247	5,509	+13	-40

1/ Stocks held by manufacturers at all points, also those in transit and those contracted for sale but not delivered.

2/ Revised to include late reports.

Table 3.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, Nov. 1962 1/

Price per pound 2/	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk	
	Spray process 3/	Roller process		Human food	Animal feed
Cents	Pounds	Pounds	Pounds	Pounds	Pounds
6 -6½	-	-	2,931	-	-
6½-7	-	-	2,600	-	-
7 -7½	-	-	2,723	-	-
8 -8½	-	-	77,456	-	12,300
8½-9	-	-	1,190	-	1,190
9 -9½	-	-	21,425	-	21,420
9½-10	-	-	114,319	-	30,508
10 -10½	-	-	111,818	-	323,870
10½-11	-	-	29,895	-	189,645
11 -11½	-	11,560	203,799	-	53,450
11½-12	-	28,055	28,664	229,400	10,105
12 -12½	-	134,810	18,635	1,166,350	11,620
12½-13	333,931	52,202	342,451	380,491	14,960
13 -13½	1,386,168	1,293,319	10,211	657,450	-
13½-14	11,229,133	1,755,672	-	125,750	-
14 -14½	49,937,404	241,354	65,950	189,200	-
14½-15	11,476,245	503,368	-	359,447	-
15 -15½	8,226,275	7,000	-	-	-
15½-16	750,486	11,200	-	-	-
16 -16½	583,600	-	-	-	-
16½-17	5,059,881	-	-	-	-
17 -17½	91,110	-	-	-	-
Dry whole milk 4/					
	1-2½ lb. packages	5-lb. packages	All other packages including bbls. & drums	Total	
	Pounds	Pounds	Pounds	Pounds	
22½-23½	-	-	582,620	582,620	
23½-24½	-	-	142,700	142,700	
24½-25½	-	-	5,565	5,565	
25½-26½	-	-	270,000	270,000	
26½-27½	-	-	380,290	380,290	
27½-28½	-	-	318,800	318,800	
28½-29½	-	-	950,085	950,085	
29½-30½	-	-	286,706	286,706	
30½-31½	-	-	161,875	161,875	
31½-32½	-	-	-	-	
32½-33½	-	-	-	-	
33½-34½	-	-	-	-	
34½-35½	-	-	-	-	
35½-36½	-	114,040	-	114,040	
36½-37½	-	366,660	-	366,660	
37½-38½	-	-	-	-	
38½-39½	-	-	-	-	
39½-40½	801,312	-	-	801,312	
40½-41½	-	286,224	-	286,224	
41½-42½	-	-	-	-	
42½-43½	-	-	-	-	
43½-44½	-	-	-	-	
44½-45½	-	-	-	-	
45½-46½	-	-	-	-	
46½-47½	-	-	-	-	
47½-48½	-	-	-	-	
48½-49½	-	-	-	-	
49½-50½	353,643	-	-	353,643	

- 1/ Excludes shipments for which prices were not reported. For total reported see table 4.  
2/ Classified according to average monthly prices reported by firms.  
3/ Excludes spray-dried nonfat milk sold in packages of retail size.  
4/ Includes some dry whole milk in special packages for export.

Table 4.-Dry milk: Manufacturers' reported shipments, November 1962 <sup>1/</sup>

Commodity	Nov. 1961	Oct. 1962	November 1962		
			Total	Change from--	
				Nov. 1961	Oct. 1962
	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>1,000 pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk .....	5,652	3,876	5,570	- 1	+44
Nonfat dry milk (human food):					
Spray process <sup>2/</sup> .....	114,665	117,352	102,811	-10	-12
Roller process .....	7,930	6,754	4,211	-47	-38
Total .....	122,595	124,106	107,052	-13	-14
Dry skim milk (animal feed) .....	1,285	1,035	1,115	-13	+ 8
Dry buttermilk:					
For human food .....	4,204	3,868	4,056	- 4	+ 5
For animal feed .....	721	795	727	+ 1	- 9
Total .....	4,925	4,663	4,783	- 3	+ 3

<sup>1/</sup> Includes shipments for which prices were not reported.

<sup>2/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.

Table 5.-Dry milk: Manufacturers' average selling price per pound, f.o.b. plant, November 1962 <sup>1/</sup>

Commodity	November 1956-60	November 1961	October 1962	November 1962
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: <sup>2/</sup>				
Spray process <sup>3/</sup> .....	14.52	16.17	14.29	14.44
Roller process .....	13.28	14.08	13.16	13.54
Spray and roller .....	14.38	16.04	14.23	14.40
Dry skim animal feed .....	9.98	11.34	10.79	11.30
Nonfat and dry skim .....	14.34	15.99	14.20	14.37
Dry buttermilk:				
Human food .....	14.14	15.04	12.71	12.86
Animal feed .....	9.67	10.44	10.40	10.00
Human and animal .....	13.24	14.43	12.32	12.27
Dry whole milk:				
1-2½ lb. pkgs. ....	45.25	40.81	46.33	43.49
5-lb. pkgs. ....	40.58	41.22	42.28	41.18
Other pkgs. <sup>4/</sup> .....	32.32	31.16	28.22	29.43
Total .....	38.02	34.50	31.68	34.31

<sup>1/</sup> Prices reported by firms weighted by their shipments to derive averages and segments also weighted by shipments to derive combined prices.

<sup>2/</sup> Average of prices for shipments in bulk packages such as barrels, drums, and bags.

<sup>3/</sup> Excludes spray-dried nonfat milk sold in packages of retail size.

<sup>4/</sup> Includes barrels and drums.

Table 6.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1½-oz. cans, in carlots, by geographic divisions, November 1962 1/

Geographic division	November 1961	October 1962	November 1962
	Dollars	Dollars	Dollars
New England .....	6.19	5.97	5.97
Middle Atlantic .....	6.15	5.92	5.92
South Atlantic .....	6.24	6.00	6.00
East North Central .....	6.21	5.97	5.97
West North Central .....	6.42	6.16	6.16
South Central .....	6.40	6.14	6.15
North Western 2/.....	6.44	6.19	6.19
South Western 3/.....	6.50	6.17	6.16
United States .....	6.29	6.05	6.05

1/ Manufacturers' prices are based on the reports made by manufacturers covering actual sales of goods delivered at manufacturers' distributing points on the basis of cash or short-time credit.

2/ Includes Montana, Wyoming, Idaho, Washington and Oregon.

3/ Includes Colorado, New Mexico, Arizona, Nevada, Utah and California.

Table 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, November 1962 1/

State and division	November 1961			October 1962			November 1962		
	Milk price per 100 pounds	Milkfat		Milk price per 100 pounds	Milkfat		Milk price per 100 pounds	Milkfat	
		Test	Price per pound		Test	Price per pound		Test	Price per pound
	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars
Pa. ....	3.37	3.82	.88	3.23	3.83	.84	3.23	3.77	.86
M.Atl. ....	3.37	3.82	.88	3.23	3.83	.84	3.23	3.77	.86
Md. ....	3.62	4.30	.84	3.32	4.12	.81	3.43	4.21	.81
Va. ....	3.67	4.68	.78	3.50	4.54	.77	3.62	4.65	.78
S.Atl. 2/..	3.66	4.61	.79	3.47	4.49	.77	3.59	4.60	.78
Ohio .....	3.51	4.14	.85	3.23	4.00	.81	3.30	4.10	.80
Ind. ....	3.66	4.22	.87	3.33	4.08	.82	3.48	4.25	.82
Ill. ....	3.45	3.83	.90	3.20	3.79	.84	3.29	3.82	.86
Mich. ....	3.46	4.00	.86	3.17	3.91	.81	3.22	3.96	.81
Wis. ....	3.66	3.85	.95	3.40	3.87	.88	3.45	3.86	.89
E. N. C. ..	3.58	3.97	.90	3.29	3.93	.84	3.36	3.97	.85
Mo. ....	3.82	4.62	.83	3.54	4.44	.80	3.68	4.52	.81
Kans. ....	3.52	4.12	.85	3.28	4.00	.82	3.38	4.01	.84
W. N. C. 2/	3.70	4.18	.89	3.46	4.15	.83	3.56	4.17	.85
Ky. ....	3.73	4.78	.78	3.50	4.62	.76	3.60	4.72	.76
Tenn. ....	3.76	4.78	.79	3.55	4.66	.76	3.65	4.75	.77
Miss. ....	3.93	4.92	.80	3.71	4.88	.76	3.87	5.08	.76
Ark. ....	3.84	4.70	.82	3.60	4.58	.79	3.96	4.93	.80
S. Cent. 2/	3.78	4.79	.79	3.55	4.65	.76	3.68	4.79	.77
Idaho .....	3.49	3.85	.91	2.97	3.60	.82	3.13	3.69	.85
N. W. 2/...	3.60	4.02	.90	3.08	3.74	.82	3.21	3.81	.84
Utah .....	3.36	3.75	.90	3.06	3.58	.85	3.17	3.66	.87
Calif. ....	3.59	3.94	.91	3.30	3.86	.85	3.34	3.85	.87
S. W. 2/...	3.55	3.91	.91	3.26	3.82	.85	3.31	3.83	.86
U. S. 2/...	3.64	4.23	.86	3.39	4.20	.81	3.47	4.21	.82

1/ Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported.

2/ Includes data for some States not shown separately.

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Table 8.-Milk bought by condenseries: Quantity bought, and number of producers, November 1962 1/

Item	Average November 1956-60	November 1961	November 1962
Milk bought from producers ..... pounds	381,200,000	370,319,000	366,030,000
Producers ..... number	104,000	83,000	73,000
Average per producer per day .... pounds	122.2	148.7	167.1
Change in purchases per producer:			
1962 from 1961 ..... percent	XXXX	XXXX	+12.1
1962 from 5-year average ..... percent	XXXX	XXXX	+36.1

1/ Reported milk purchases at those plants (or their receiving stations) with canning equipment for which historical data are available. 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.