

# EVAPORATED, CONDENSED AND DRY MILK

## NOVEMBER 1968

Release:  
December 31, 1968  
3:00 p.m. (EST)

### PRODUCTION

EVAPORATED AND CONDENSED MILK: Estimated production of evaporated whole milk in November was 91 million pounds, according to the Crop Reporting Board. This is 9 percent above a year earlier, but 22 percent less than the 1962-66 average. Except for November 1967, production was the lowest for the month since 1935. Production in the first eleven months this year totaled 1.3 billion pounds, 11 percent below the same period last year and 26 percent below average.

November production of canned sweetened condensed whole milk was 6.9 million pounds, 20 percent more than a year earlier, but 9 percent less than average. January-November output, at 82 million pounds, was 45 percent above the corresponding period in 1967.

DRY MILK: Spray and roller process nonfat dry milk production was 90.9 million pounds, down 7 percent from a year earlier and 25 percent below average. The January-November total of 1.5 billion pounds was 4 percent below the same period last year and 20 percent below average.

Dry whole milk production was 5.1 million pounds, 11 percent below November 1967 and 28 percent below average. Cumulative output for the first eleven months was 71 million pounds, up 4 percent from a year earlier.

November production of dry buttermilk totaled 5.3 million pounds--7 percent more than a year earlier, but 4 percent less than average. Cumulative 1968 output through November, at 69 million pounds, was up 2 percent from this period of 1967.

### STOCKS, SHIPMENTS, PURCHASES AND PRICES

EVAPORATED AND CONDENSED MILK: Manufacturers' stocks of evaporated whole milk on November 30 totaled 124 million pounds--43 percent less than a year earlier and 34 percent below average. Canned sweetened condensed whole milk stocks were 2.6 million pounds--down 70 percent from November 30, 1967 and 63 percent below average.

During November, prices paid by condenseries to producers averaged \$4.43 per hundredweight for milk having an average milkfat content of 4.09 percent. This is equivalent to \$1.08 per pound of milkfat--unchanged from October, but 5 cents above November 1967.

Effective January 1, 1969, the Statistical Reporting Service plans to discontinue calculation and publication of 5-year averages that appear in this report. The report will contain data for the current and the two preceding years. It is believed that changes in agriculture have decreased the value of the five-year averages for making comparisons.

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Condenseries reported 181 million pounds of whole milk purchased in November from about 27,000 producers. The average daily purchase per producer was 227 pounds compared with 187 pounds for November 1967.

Evaporated whole milk selling prices reported by manufacturers for November averaged \$7.36 per case of forty-eight 14½ oz. cans--unchanged from a month earlier, but 30 cents above November 1967.

DRY MILK: Stocks of nonfat dry milk for human consumption held by manufacturers on November 30 totaled 76 million pounds--down 24 percent from a year earlier and 8 percent below average. Dry whole milk stocks, at 7.9 million pounds, were up 21 percent from a year earlier and 39 percent more than average. Dry buttermilk stocks were 2.7 million pounds, 53 percent less than November 30, 1967 and 44 percent less than average.

November shipments of spray and roller process nonfat dry milk for human food totaled 88.3 million pounds, 11 percent less than in October and 12 percent less than a year earlier. Movement of spray-dried nonfat was 87.3 million pounds. Dry whole milk shipments totaled 4.6 million pounds--a decrease of 7 percent from October and 19 percent below November 1967. Shipments of dry buttermilk in November were 3.1 million pounds, 6 percent less than a month earlier and 19 percent less than a year earlier.

Selling prices of spray and roller process (combined) nonfat dry milk averaged 23.34 cents per pound in November, down 0.1 cent from October, but 3.4 cents above a year earlier and 7.6 cents more than the November average. Prices for dry buttermilk (human food and animal feed combined) averaged 23.15 cents per pound in November, up 0.4 cent from the preceding month and 5.4 cents above a year earlier. Dry whole milk prices for all package and container sizes averaged 43.61 cents per pound, 0.1 cent more than a month earlier and 0.9 cent more than in November 1967.

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Table 1.-Production of evaporated whole milk, United States

Month	1962-66 Average	1967	1968 <u>1/</u>	Change from --	
				1962-66 Av.	1967
	<u>Million pounds</u>			<u>Percent</u>	
January .....	127.0	104.6	86.2	-32	-18
February .....	124.3	103.6	85.6	-31	-17
March .....	145.6	120.8	96.4	-34	-20
April .....	166.9	148.6	125.4	-25	-16
May .....	205.2	170.3	146.7	-29	-14
June .....	200.4	172.0	138.4	-31	-20
July .....	175.1	152.6	138.0	-21	-10
August .....	165.7	139.6	134.5	-19	- 4
September .....	138.8	110.6	107.5	-23	- 3
October .....	130.3	95.6	101.5	-22	+ 6
November.....	116.8	83.7	91.0	-22	+ 9
Eleven-month total.....	1,696.1	1,402.0	1,251.2	-26	-11
December .....	127.1	91.0			
Annual total ....	1,823.2	1,493.0			

1/ Preliminary.

Table 2.-Production of nonfat dry milk (human food, total), United States

Month	1962-66 Average	1967	1968 <u>1/</u>	Change from --	
				1962-66 Av.	1967
	<u>Million pounds</u>			<u>Percent</u>	
January .....	172.0	134.4	128.0	-26	- 5
February .....	166.7	129.3	128.8	-23	0
March .....	191.5	145.8	145.5	-24	0
April .....	206.3	174.5	169.8	-18	- 3
May .....	238.0	192.6	189.2	-21	- 2
June .....	227.5	203.3	188.2	-17	- 7
July .....	171.6	159.9	152.1	-11	- 5
August .....	139.4	122.8	120.3	-14	- 2
September .....	112.2	97.5	91.0	-19	- 7
October.....	117.1	98.5	91.0	-22	- 8
November .....	121.5	97.4	90.9	-25	- 7
Eleven-month total .....	1,863.8	1,556.0	1,494.8	-20	- 4
December .....	152.5	118.9			
Annual total ....	2,016.3	1,674.9			

1/ Preliminary.

Table 3.-Evaporated, condensed, and dry milk: Production, November 1968, with comparisons

Commodity	November 1967 <sup>1/</sup>	November 1968 <sup>2/</sup>			Jan.-Nov. 1968 <sup>2/</sup>	
		Total	Change from--		Total	Change from Jan.-Nov. 1967
			November 1962-66 average	November 1967		
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent
<b>Evaporated and condensed milk:</b>						
Evaporated whole (case goods)..	83,733	91,000	-22	+ 9	1,251,200	-11
Sweetened condensed whole (case goods)..	5,734	6,900	- 9	+20	82,275	+45
<b>Dry milk:</b>						
Dry whole milk.....	5,701	5,100	-28	-11	71,200	+ 4
<b>Nonfat dry milk (human food):</b>						
Spray process.....	96,032	89,500	-23	- 7	1,472,000	- 3
Roller process.....	1,350	1,400	-71	+ 4	22,800	-29
Total.....	97,382	90,900	-25	- 7	1,494,800	- 4
Dry skim milk (animal feed)....	2,123	2,000	+ 9	- 6	24,400	-13
Dry buttermilk.....	4,939	5,300	- 4	+ 7	68,800	+ 2

<sup>1/</sup> Enumerations.      <sup>2/</sup> Estimates.

Table 4.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks November 30, 1968, with comparisons <sup>1/</sup>

Commodity	Average Nov. 30, 1962-66	Nov. 30, 1967 <sup>2/</sup>	November 30, 1968		
			Total	Change from---	
				November 30, 1962-66 av.	November 30, 1967
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
<b>Evaporated and condensed milk:</b>					
Evaporated whole (case goods)..	187,572	219,182	124,415	-34	-43
Sweetened condensed whole (case goods)..	7,190	8,934	2,647	-63	-70
<b>Dry milk:</b>					
Dry whole milk.....	5,703	6,568	7,933	+39	+21
<b>Nonfat dry milk (human food):</b>					
Spray process.....	78,823	97,577	74,823	- 5	-23
Roller process.....	3,414	2,287	1,227	-64	-46
Total.....	82,237	99,864	76,050	- 8	-24
Dry skim milk (animal feed)....	994	2,057	965	- 3	-53
Dry buttermilk.....	4,844	5,818	2,726	-44	-53

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

<sup>2/</sup> Revised.

Table 5.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, November 1968 <sup>1/</sup>

Price per pound <sup>2/</sup>	Nonfat dry milk, human food (bulk goods)		Dry skim milk for animal feed	Dry buttermilk		Dry whole milk <sup>4/</sup>
	Spray process <sup>3/</sup>	Roller process		Human food	Animal feed	
Cents	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
7½-8	---	---	19,725	---	---	---
10-10½	---	---	20,135	---	---	---
12-12½	---	---	11,400	---	---	---
14-14½	---	---	2,000	---	---	---
15-15½	---	---	35,987	---	---	---
15½-16	---	---	---	---	58,900	---
16-16½	---	---	---	---	32,500	---
16½-17	---	---	2,565	---	51,123	---
17-17½	---	---	7,870	---	58,515	---
17½-18	---	---	---	---	17,140	---
18-18½	---	---	90,479	---	---	---
19-19½	916,550	---	65,948	---	9,050	---
19½-20	1,809,600	---	188,427	---	---	---
20-20½	1,591,204	236,318	110,457	29,000	---	---
20½-21	382,300	---	41,000	---	---	---
21-21½	968,370	3,800	10,000	45,600	---	---
22-22½	1,618,740	13,000	---	173,400	---	---
22½-23	22,239,076	264,903	---	73,600	---	---
23-23½	10,503,219	290,950	---	703,900	---	---
23½-24	6,678,765	---	---	323,600	---	---
24-24½	11,000,863	---	---	210,700	---	---
24½-25	1,159,300	---	---	238,870	---	---
25-25½	4,789,085	26,200	---	219,350	---	---
25½-26	5,625,155	---	---	37,000	---	---
26-26½	50,990	7,000	---	101,950	---	---
26½-27	49,200	2,400	---	55,100	---	---
27-27½	1,606	---	---	---	---	---
35½-36	15,650	---	---	---	---	---
38½-39½	---	---	---	---	---	163,200
39½-40½	---	---	---	---	---	1,453,550
40½-41½	---	---	---	---	---	798,450
41½-42½	---	---	---	---	---	1,101,448
45½-46½	---	---	---	---	---	7,675
46½-47½	---	---	---	---	---	174,086
48½-49½	---	---	---	---	---	135,000
49½-50½	---	---	---	---	---	139,150
51½-52½	---	---	---	---	---	12,833
65½-66½	---	---	---	---	---	141,240
70½-71½	---	---	---	---	---	191,127

- 1/ Excludes shipments for which prices were not reported. For total reported see table 6.  
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 6.-Dry milk: Manufacturers' reported shipments, November 1968, with comparisons <sup>1/</sup>

Commodity	November 1967 <sup>2/</sup>	October 1968	November 1968		
			Total	Change from --	
				Nov. 1967	Oct. 1968
	1,000 <u>pounds</u>	1,000 <u>pounds</u>	1,000 <u>pounds</u>	<u>Percent</u>	<u>Percent</u>
Dry whole milk .....	5,653	4,950	4,587	-19	- 7
Nonfat dry milk (human food):					
Spray process <sup>3/</sup> .....	99,003	97,877	87,328	-12	-11
Roller process .....	1,377	1,224	993	-28	-19
Total .....	100,380	99,101	88,321	-12	-11
Dry skim milk (animal feed) ....	962	1,040	739	-23	-29
Dry buttermilk:					
For human food .....	3,448	2,981	2,858	-17	- 4
For animal feed .....	378	318	249	-34	-22
Total .....	3,826	3,299	3,107	-19	- 6

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

<sup>2/</sup> Revised.

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

Table 7.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, November 1968, with comparisons <sup>1/</sup>

Commodity	November 1962-66	November 1967	October 1968	November 1968
	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>	<u>Cents</u>
Nonfat dry milk: <sup>2/</sup>				
Spray process <sup>3/</sup> .....	15.77	19.93	23.47	23.35
Roller process .....	15.43	19.79	22.44	22.20
Spray and roller .....	15.76	19.93	23.46	23.34
Dry skim animal feed .....	11.98	13.98	17.99	18.30
Nonfat and dry skim .....	15.73	19.87	23.40	23.30
Dry buttermilk:				
Human food .....	15.26	18.25	23.38	23.72
Animal feed .....	12.51	13.62	16.96	16.59
Human and animal .....	14.84	17.79	22.76	23.15
Dry whole milk:				
Pkgs. over 5 lbs. <sup>4/</sup> .....	33.40	39.63	41.40	41.63
Total <sup>5/</sup> .....	36.39	42.72	43.47	43.61

<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.

<sup>5/</sup> All size packages, including 1-2½ lb. pkgs. and 5 lb. pkgs.

Table 8.-Evaporated whole milk: Manufacturers' average selling price per case of 48 1½-oz. cans, in carlots, by geographic divisions, November 1968, with comparisons 1/

Geographic division	November 1967	October 1968	November 1968
	Dollars	Dollars	Dollars
New England.....	7.18	7.44	7.44
Middle Atlantic.....	6.97	7.25	7.24
South Atlantic.....	7.08	7.38	7.38
East North Central.....	6.98	7.25	7.25
West North Central.....	7.01	7.27	7.27
South Central.....	7.12	7.42	7.42
North Western 2/.....	7.35	7.78	7.79
South Western 3/.....	6.98	7.29	7.29
United States.....	7.06	7.36	7.36

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 9.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, November 1968, with comparisons 1/

State and division	November 1967 2/			October 1968 3/			November 1968 3/		
	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
Md. ....	4.44	4.25	1.04	4.46	4.12	1.08	4.55	4.26	1.07
Va. ....	4.25	4.39	.97	4.32	4.31	1.00	4.40	4.41	1.00
S.Atl. 4/	4.39	4.44	.99	4.44	4.32	1.03	4.51	4.45	1.01
Ohio.....	4.28	4.08	1.05	4.26	3.91	1.09	4.35	4.02	1.08
Ind. ....	4.45	4.16	1.07	4.51	3.91	1.15	4.64	4.13	1.12
Mich. ....	4.22	3.93	1.07	4.32	3.76	1.15	4.39	3.89	1.13
Wis. ....	4.36	3.83	1.14	4.61	3.77	1.22	4.66	3.82	1.22
E.N.C. 4/	4.30	3.96	1.09	4.40	3.82	1.15	4.49	3.92	1.15
Mo. ....	4.21	4.13	1.02	4.31	4.11	1.05	4.41	4.16	1.06
Kans. ....	4.13	3.88	1.06	4.25	3.93	1.08	4.34	3.97	1.09
W.N.C.	4.19	4.06	1.03	4.30	4.09	1.05	4.41	4.14	1.07
Ky. ....	4.28	4.41	.97	4.32	4.25	1.02	4.37	4.31	1.01
Tenn. ....	4.29	4.44	.97	4.39	4.38	1.00	4.44	4.44	1.00
Miss. ....	4.45	4.62	.96	4.44	4.49	.99	4.57	4.65	.98
Ark. ....	4.21	4.21	1.00	4.31	4.04	1.07	4.36	4.07	1.07
S.Cent.	4.28	4.41	.97	4.35	4.28	1.02	4.40	4.34	1.01
Calif. ...	4.14	3.81	1.09	4.33	3.75	1.15	4.40	3.82	1.15
S.W. 4/..	4.20	3.79	1.11	4.32	3.75	1.15	4.39	3.83	1.15
U.S. 4/..	4.26	4.12	1.03	4.37	4.03	1.08	4.43	4.09	1.08

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

2/ Revised.

3/ Preliminary.

4/ Includes data for some regions and/or States not shown separately.

OFFICIAL BUSINESS

Table 10.-Milk bought by condenseries: Quantity bought, and number of producers, November 1968, With Comparisons <sup>1/</sup>

Item	Average November 1962-66	November <sup>2/</sup> 1967	November 1968
Milk bought from producers..... pounds	281,988,000	206,067,000	180,866,000
Producers..... number	57,000	37,000	27,000
Average per producer per day... pounds	164.9	187.4	227.1
Change in purchases per producer:			
1968 from 1967..... percent	xxxxx	xxxxx	+21.2
1968 from 5-year average..... percent	xxxxx	xxxxx	+37.7

<sup>1/</sup> 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.

<sup>2/</sup> Revised.

Table 11.-USDA Nonfat Dry Milk Purchases as Reported by ASCS  
 - Delivery basis -

Nonfat dry milk	November 1968	Cumulative	
		April 1, 1967- November 30, 1967	April 1, 1968- November 30, 1968
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>
Purchases .....	20.9	458.7	384.6

Uncommitted inventories on December 13, 1968 totaled 251.8 million pounds.