EVAPORATED, CONDENSED AND DRY MILK REPORT FOR DECEMBER 1963

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PRODUCTION B Production for the year 1963 A EVAPORATED AND CONDENSED MILK: is estimated at 1.9 billion pounds, according to the Crop Reporting Board. This is a decrease of 3 percent from 1962, 17 percent below the 1957-61 annual average and the smallest annual output since 1935. December production was 132 million pounds, 8 percent under a year earlier, and bercent less than the December 1957-61 average.

The 1963 output of canned sweetened condensed whole milk is estimated at 78.9 million pounds. This is 8 percent larger than the 1962 production, 25 percent above the annual average and the largest annual production since 1949. December 1963 production was 7.1 million pounds, 21 percent above a year earlier, and 60 percent above average.

Production of nonfat dry milk for human food (spray and roller process DRY MILK: combined) during 1963 totaled 2.1 billion pounds, down 4 percent from the record high level of 1962, but 20 percent above the 1957-61 average, according to the Crop Reporting Board. December production was 159 million pounds, 7 percent mder December a year ago, but 15 percent above the December average.

The total output of spray-dried nonfat milk in 1963 was 2.0 billion pounds, off 4 percent from 1962, but 24 percent larger than the 5-year average. Production in December totaled 153 million pounds, down 7 percent from December 1962, but 19 percent above average.

Production of roller-dried nonfat milk during 1963 amounted to 98.8 million pounds, 16 percent below the 1962 output, 31 percent under the 1957-61 average, and the smallest annual output of record. December 1963 production was 6.1 million pounds, 22 percent less than a year earlier and 34 percent smaller than the December average.

Dry whole milk production for 1963 is estimated at 78.7 million pounds, mchanged from 1962, but 15 percent below average. Production for December 1963 totaled 5.8 million pounds, down 13 percent from a year earlier and 23 percent below the December average.

Dry buttermilk production during 1963 totaled 87.3 million pounds. This is percent above the 1962 production and 8 percent greater than the 5-year average. The 7.1 million pounds produced in December 1963 were 13 percent above a year earlier and 8 percent above the December 1957-61 average.

Dry skim milk for animal feed totaled 28.0 million pounds for 1963, 7 percent under the previous year, but 17 percent above average. December 1963 production totaled 1.5 million pounds, 22 percent below a year earlier and 20 percent below the December average.

## STOCKS, SHIPMENTS, PURCHASES, AND PRICES

EVAPORATED AND CONDENSED MILK: Stocks of evaporated whole milk held by reporting manufacturers on December 31 totaled 132 million pounds, 7 percent below a year earlier, 39 percent under the December 31 1957-61 average and the smallest holdings for the date since 1946. Canned sweetened condensed whole milk stocks were 5.8 million pounds, 29 percent above December a year ago and 3 percent above average.

Prices paid producers by reporting condenseries during December averaged \$3.59 per hundredweight for milk testing 4.20 percent fat, or an average of 85 cents per pound of milkfat. On a milkfat basis, prices were unchanged from November but were 2 cents per pound above December a year ago. By States, prices ranged from a high of 93 cents per pound in Wisconsin to a low of 79 cents both in Kentucky and Tennessee.

Reporting condenseries for which historical data are available purchased 347 million pounds of milk during December from approximately 63,000 producers. Average daily purchases per producer were 178 pounds, 7 percent above December 1962, 32 percent above average, and record high for the month.

Manufacturers' selling prices for evaporated whole milk during December averaged \$6.00 per case of  $48\ 14\frac{1}{2}$ -oz. cans. Prices were 1 cent per case above the previous month but 5 cents below December a year ago. Prices increased from November in all regions except the South Atlantic where they declined 1 cent per case, and the West North Central, where they were unchanged.

DRY MILK: Stocks of total nonfat dry milk held by reporting manufacturers on December 31 were 81 million pounds, 18 percent under a year earlier, 20 percent below average and the smallest holdings for the date since 1956. Stocks of spray-dried nonfat milk were 76 million pounds on December 31, off 19 percent from a year earlier and 17 percent less than the 1957-61 average for the date. Manufacturers held 4.7 million pounds of roller-dried nonfat milk on December 31. This is 1 percent lower than a year earlier, 51 percent below average and the smallest December 31 holdings of record. Dry whole milk stocks were 5.3 million pounds, 3 percent above December 31,1962, but 26 percent under the 1957-61 average for the date. Holdings of dry buttermilk were 4.2 million pounds, a decline of 23 percent from a year earlier, and 29 percent below average. Stocks of dry skim milk for animal feed were 1.3 million pounds. This is an increase of 45 percent from December a year ago, and 37 percent larger than average.

Shipments of nonfat dry milk for human food during December totaled 118 million pounds. This is 19 percent higher than the previous month and exceeds December a year ago by 4 percent. Spray-dried nonfat milk shipments were 114 million pounds during December, up 19 percent from November and 5 percent larger than a year earlier. The 3.9 million pounds of roller-dried nonfat milk shipped in December were 20 percent greater than a month earlier, but 21 percent under December 1962, and the smallest December shipments of record. Shipments of dry

whole milk were 5.3 million pounds, unchanged from November, but 12 percent higher than December a year ago. December dry buttermilk shipments (human food and animal feed combined) totaled 4.4 million pounds, up 13 percent from the previous month and 2 percent larger than a year earlier. Shipments of dry buttermilk for human food were 3.7 million pounds. This is 15 percent above November and 4 percent greater than December 1962. Dry buttermilk for animal feed shipments amounted to 0.7 million pounds, up 4 percent from November, but off 9 percent from a year earlier. Shipments of dry skim milk for animal feed during December totaled 0.4 million pounds, down 31 percent from a month earlier and 65 percent below December 1962.

Manufacturers' selling prices of nonfat dry milk for human food during December averaged 14.61 cents per pound, compared with 14.42 cents the previous month, and 14.45 cents for December a year ago. Spray-dried nonfat milk averaged 14.62 per pound, 0.2 cent above November and 0.1 cent above a year earlier. Selling prices of roller-dried nonfat milk, at 14.28 cents, were 0.1 cent above November and 0.7 cent above December 1962.

Dry whole milk in all size containers averaged 34.52 cents per pound in December. This is 1.5 cents below November, but 0.3 cent above December a year ago. In  $1-2\frac{1}{2}$  pound packages dry whole milk averaged 44.84 cents per pound, up 1.2 cents from the previous month and 1.4 cents above December 1962. Dry whole milk in 5-pound packages averaged 41.25 cents per pound, which compares with 41.02 cents a month earlier and 42.62 cents for December a year ago. Dry whole milk in miscellaneous large packages (mostly barrels and drums) averaged 31.08 cents per pound, 2.2 cents under November, but 1.4 cents above December 1962.

Manufacturers' selling prices for dry buttermilk (human food and animal feed combined) during December averaged 13.34 cents per pound. This compares with 13.17 cents in November and 12.41 cents for December a year ago. Dry buttermilk for human food, at 13.92 cents a pound, was 0.2 cent above November and 1.1 cents above a year earlier. Dry buttermilk for animal feed averaged 10.30 cents per pound, compared with 10.48 cents a month earlier and 10.38 cents for December 1962. Dry skim milk for animal feed averaged 10.10 cents per pound, 0.1 cent under the previous month and 1.0 cent below December a year ago.

Deliveries of nonfat dry milk to the United States Department of Agriculture during December were 50.5 million pounds. Total deliveries for the period April 1 through December 31, 1963 totaled 693.4 million pounds, compared with 952.7 million pounds for the corresponding period of 1962. On January 17, the Department held 274.3 million pounds of uncommitted supplies of nonfat dry milk.

Table 1.-Evaporated, condensed, and dry milk: Production, December 1963

		Dec. 1963 <u>2</u> /			JanDec. 1963		
Commodity	Dec.	Total	Change from			Change from	
	1962 <u>1</u> /		Dec. 1957-61 average	Dec. 1962	Total	JanDec. 1962	
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent	
Evaporated and condensed milk:  Evaporated whole (case goods).  Condensed whole (case goods)	143,659 5,844	131,700 7,080	- 4 +60	- 8 +21	1,869,500 78,870		
Dry milk: Dry whole milk	6,637	5,800	-23	-13	78,700	0 0	
Nonfat dry milk (human food): Spray process Roller process	164,1 <b>8</b> 9 7,798	153,000 6,100	+19 -34	- 7 -22	2,032,000 98,800		
Total	171,987	159,100	+15	- 7	2,130,800	0 - 4	
Dry skim milk (animal feed)	1,929	1,500	-20	-22	28,000	7 - 7	
Dry buttermilk	6,296	7,100	+ 8	+13	87,300	+ 1	

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

Table 2.-Evaporated, condensed, and dry milk: Manufacturers' reported stocks December 31, 1963  $\underline{1}/$ 

		_				
i	Average		December 31, 1963			
Commodity	Dec. 31,	Dec. 31,	Total	Change from		
	1957-61	1962 <u>2</u> /		Dec. 31, 1957-61 av.	Dec. 31, 1962	
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent	
Evaporated and condensed milk:						
Evaporated whole (case goods) . Condensed whole (case goods)	215,500 5,584	141,381 4,479	131,659 5,768	-39 + 3	- 7 +29	
Dry milk:						
Dry whole milk	7,170	5,119	5,274	-26	+ 3	
Nonfat dry milk (human food): Spray process	91,482 9,598	94,256 4,697	76,212 4,661	-17 -51	-19 - 1	
Total	101,080	98,953	80,873	-20	-18	
Dry skim milk (animal feed)	956	903	1,312	+37	+45	
Dry buttermilk	5,916	5,463	4,213	-29	-23	

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

<sup>2/</sup> Revised to include late reports.

Table 3.-Dry milk: Manufacturers' reported shipments at specified price ranges, f.o.b. plant, December 1963  $\underline{1}/$ 

Price per	Nonfat dry milk (bulk god		Dry skim	Dry butte	ermilk
pound <u>2</u> /	Spray process 3/	Roller process	milk for animal feed	Human food	Animal feed
Cents	Pounds	Pounds	Pounds	Pounds	Pounds
$77\frac{1}{2}$	-	-	4,077	_	-
71/2-8	-	-	1,300	-	
8 <b>-</b> 8 <del>2</del> 8 <del>2</del> -9	-	-	29,683	-	7,740
9 <b>-</b> 93	_	-	4,700 12,900	<u>-</u>	- 83,600
9 <del>1</del> -10	_	-	124,300	-	54,381
10 <b>-</b> 10 <del>2</del>	-	-	45,089	-	161,550
102-11	-	-	27,043	-	189,731
$11^{-}11^{\frac{1}{2}}$	-	-	28,688	- 250	59,500
11 <del>2</del> -12 12 <b>-1</b> 23		-	13,204 23,145	20,850 107,600	- 11,400
$12\frac{1}{2}-13$	148,508	-	14,170	178,278	20,330
13 -13½	1,892,150	57,252	4,300	476,625	-
13½-14	4,970,490	325,700	-	826,300	-
14 <b>-</b> 14 <del>호</del> 14 <b>호-1</b> 5	40,502,962 22,905,163	2,268,195 761,162	<u>-</u>	699,450 493,460	<u>-</u>
15 <b>-</b> 15½	11,919,841	281,570	<u>-</u>	188,050	- -
15 <del>1</del> -16	1,982,565	71,340	-	-	-
$16$ , $-16\frac{1}{2}$	5,516,949	-	-	163, <b>3</b> 50	-
$16\frac{1}{2}$ -17	2,959,795 1,186,809	-	-	-	-
17 <b>-</b> 17 <del>2</del> 17 <del>2</del> -18	3,755	- -	-	- -	-
		Dry whole mi	lk <u>4</u> /		
	1-2½ lb. packages	5-1b. package:	All other p	-	Total
	Pounds	Pounds	Pound	<u>s</u>	Pounds
27 <del>1</del> -28 <del>1</del>	-	-	674,20		674,200
28 <del>2</del> -29 <del>2</del>	-	-	516,20		516,200
29 <del>2</del> -30 <del>2</del>	-	-	296,22 270,00		296,220 270,000
31=-35= 30 <u>5-315</u>		-	546,76		546,763
32 <del>3</del> -33 <del>2</del>	_	-	346,80		346,800
33 <del>2</del> -34 <del>2</del>	-	-	429,96		429,960
35 <del>2</del> -36 <del>2</del>	-	237,120	3.00.00	N.E.	237,120
36호 <b>-</b> 37호 271 <b>2</b> 81	2)18 075	-	173,72	<sup>(7)</sup>	173,725 248,975
715-70 <u>5</u> 715-705	248,975	<u>-</u> 230,070	-		230,070
50 <del>2</del> -51 <del>2</del>	270,612	-50,010	-		270,612

<sup>1/</sup> Excludes shipments for which prices were not reported. For total reported see table 4. 2/ Classified according to average monthly prices reported by firms.

Excludes spray-dried nonfat milk sold in packages of retail size. Includes some dry whole milk in special packages for export.

Table 4.-Dry milk: Manufacturers' reported shipments, December 1963 1/

Commodity	5		December 1963			
	Dec. 1962 3/	Nov. 1963	Total	Change from		
	, 2		TOTAL	Dec. 1962	Nov. 1963	
	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent	
Dry whole milk	4,780	5,341	5,337	+12	0	
Nonfat dry milk (human food): Spray process 2/ Roller process Total	108,127 4,914 113,041	95,619 3,255 98,874	113,985 3,902 117,887	+ 5 -21 + 4	+19 +20 +19	
Dry skim milk (animal feed)	1,003	515	355	-65	-31	
Dry buttermilk: For human food For animal feed Total	3,511 769 4,280	3,172 668 3,840	3,656 697 4,353	+ 4 - 9 + 2	+15 + 4 +13	

Includes shipments for which prices were not reported.

Table 5.-Dry milk: Manufacturers' average selling price per pound f.o.b. plant, December 1963  $\underline{1}/$ 

Commodity	Dec.	Dec.	Nov.	Dec.
	1957 <b>-</b> 61	1962	1963	1963
	Cents	Cents	Cents	Cents
Nonfat dry milk: 2/ Spray process 3/ Roller process Spray and roller Dry skim animal feed Nonfat and dry skim	14.67	14.49	14.43	14.62
	13.28	13.62	14.22	14.28
	14.56	14.45	14.42	14.61
	10.40	11.13	10.22	10.10
	14.53	14.42	14.40	14.60
Dry buttermilk: Human food Animal feed Human and animal	14.22	12.85	13.74	13.92
	10.01	10.38	10.48	10.30
	13.47	12.41	13.17	13.34
Dry whole milk:	45.67	43.49	43.65	44.84
$1-2\frac{1}{2}$ lb. pkgs.	41.97	42.62	41.02	41.25
5-lb. pkgs.	31.96	29.73	33.25	31.08
Other pkgs. $\frac{1}{4}$	38.26	34.27	35.98	34.52

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

Excludes spray-dried nonfat milk sold in packages of retail size. Revised.

Average of prices for shipments in bulk packages such as barrels, drums, and bags.

Excludes spray-dried nonfat milk sold in packages of retail size. Includes barrels and drums.

Table 6.-Evaporated whole milk: Manufacturers' average selling price per case of 48  $14\frac{1}{2}$ -oz. cans, in carlots, by geographic divisions, December 1963 1/

Geographic division	Dec. 1962	Nov. 1963	Dec. 1963	
	Dollars	Dollars	Dollars	
New England Middle Atlantic South Atlantic East North Central West North Central South Central North Western 2/ South Western 3/	5.98 5.94 6.00 5.98 6.17 6.16 6.20 6.16	5.91 5.90 5.95 5.93 6.10 6.13 6.10 6.02	5.95 5.91 5.94 5.95 6.10 6.14 6.12 6.03	
United States	6.05	5.99	6.00	

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.

Table 7.-Milk bought by condenseries primarily for evaporated milk: Average price and fat test, by States, December 1963  $\underline{1}/$ 

	Dec. 1962		Nov. 1963			Dec. 1963			
State and	Milk price	Mi	Lkfat	Milk price	Milkfat		Milk price	Mi	lkfat
division	per 100 pounds	Test	Price per pound	per 100 pounds	Test	Price per pound	per 100 pounds	Test	Price per pound
	Dollars 1	Percent	Dollars	Dollars	Percent	Dollars	Dollars 1	Percent	Percent
M.Atl. 2/Md Va S.Atl. 2/Ohio Ind Ill Mich Wis E.N.C Mo W.N.C 2/Ky Tenn Miss Ark S.Cent.2/ N.W. 2/ Calif S.W. 2/	3.18 3.45 3.67 3.61 3.33 3.51 3.52 3.45 3.45 3.45 3.65 3.65 3.66 3.36 3.36 3.36	3.69 3.69 4.57 4.57 4.57 5.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79 6.79	.86 .83 .79 .79 .80 .82 .87 .81 .91 .85 .84 .86 .78 .78 .78 .86 .85 .86	3.45 3.64 3.63 3.45 3.36 3.56 3.47 3.75 3.72 3.72 3.70 3.50 3.51	4.03 4.52 4.57 4.57 4.20 4.51 4.20 4.51 4.20 4.51 4.20 4.69 4.69 4.69 4.69 4.51 4.66 5.91	.86 .81 .80 .85 .86 .89 .88 .88 .79 .79 .82 .89 .90	3.42 3.571 3.69 3.742 3.48 3.54 3.55 3.669 3.788 3.569 3.788 3.569 3.57	4.01 4.23 4.60 4.57 4.16 4.32 3.84 3.98 4.58 4.12 4.67 4.74 4.88 4.57 4.78 4.99	.87 .88 .79 .79 .80 .83 .79 .88
Ŭ.S. <u>2</u> ∕	3.46	4.17	.83	3.56	4.18	.85	3.59	4.20	.85

<sup>1/</sup> Preliminary. Prices f.o.b. plant for milk of actual milkfat, as reported. 2/ Includes data for some States not shown separately.

<sup>2/</sup> Includes Montana, Wyoming, Idaho, Washington and Oregon.

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

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Table 8.-Milk bought by condenseries: Quantity bought, and number of producers, December 1963 1/

Item		Average Dec. 1957-61	Dec. 1962	Dec. 1963
Milk bought from producers Producers Average per producer per day	pounds number pounds	383,569,000 92,000 134.5	359,712,000 70,000 165.8	347,042,000 63,000 177.7
Change in purchases per producer: 1963 from 1962 1963 from 5-year average	percent percent	/ xxxx xxxx	XXXX	+ 7.2 +32.1

L/ 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.