USDA Agricultural Marketing Service

DAIRY MARKET NEWS

WEEK OF MAY 3 - 7, 2021
VOLUME 88, REPORT 18

DAIRY MARKET NEWS AT A GLANCE

CME GROUP CASH MARKETS (5/7)

BUTTER: Grade AA closed at $1.7700. The weekly average for Grade AA is $1.7500 (-0.0360).

CHEESE: Barrels closed at $1.7275 and 40# blocks at $1.7475. The weekly average for barrels is $1.7960 (-0.0150) and blocks, $1.7820 (-0.0190).

NONFAT DRY MILK: Grade A closed at $1.3225. The weekly average for Grade A is $1.3370 (+0.0260).

DRY WHEY: Extra grade dry whey closed at $0.6275. The weekly average for dry whey is $0.6455 (-0.0175).

CHEESE HIGHLIGHTS: Cheese market prices stumbled on Thursday, as both block and barrel prices slipped. Market undertones are less assured than they have been in previous weeks. Cheese availability is mixed. Contacts in the Midwest and West have said barrels have become slightly more available, despite fairly healthy demand. Reports on block availability have shown growth in the past month. Eastern cheesemakers report being in balance. Milk is and has been readily available during flush season. Spot milk prices in the Midwest were $4.50 under Class up to $.50 over Class, up slightly on both ends from last week. Still, most cheesemakers are reporting spot prices at $2 under Class or less.

BUTTER HIGHLIGHTS: Cream supplies are steady but tightening. Ice cream production is picking up and drawing more cream, but butter makers are receiving steady supplies of cream to meet production needs. Butter inventories are stable overall, although some plant managers are trying to add some extra bulk loads to coolers to insulate against uncertainties later this summer and fall. Retail sales are reportedly lackluster as retailers and grocers are placing smaller orders. Food service demand is healthy, with continued growth in the East but some leveling off in the Central and Western regions as pipelines have filled in recent weeks. Across the country this week, bulk prices range from flat to 8.0 cents above the market.

FLUID MILK: Milk production varies across the country this week, with output in the Midwest, reportedly, at peak levels. Strong milk production is present in the Southeast, Arizona, and the Pacific Northwest. In the Northeast and Florida, milk output is slowing. Class I demand is steady to strong across most of the country, contrasting with reports of slightly lower demand in New Mexico. Active cheese production schedules nationwide are keeping Class III demand steady. Condensed skim markets are steady, with some tanker/driver shortages keeping loads closer to the points of origin. Ice cream makers across the country have a strong demand for cream. Cream availability is mixed in the Midwest and tightening in the West.

DRY PRODUCTS: Prices for low/medium heat nonfat dry milk (NDM) have pushed higher this week in all regions, amid strong domestic/international demand. High heat NDM prices have also moved higher, as contacts across the country report tight markets. Dryers are active nationwide, with many focusing on low/medium heat NDM rather than high heat or dry buttermilk production. With limited production, dry buttermilk availability is tight for spot purchases. Dry buttermilk prices have increased this week. The dry whole milk price range widened this week as some contacts were able to find spot purchases at a value. Prices for dry whey have been stable to higher in the Central and Northeast, while declining in the West. Dry whey inventories are tight, with some contacts reporting availability in the Northeast. WPC 34% prices moved up at the bottom of both the range and mostly price series, while holding steady at the tops of each series. Inventories of WPC 34% intended for specific purposes, including infant formula, are tight. Lactose prices were mostly steady this week, with the bottom end of the range moving a few cents lower. Market demand for lactose is mixed. The rennet casein price range shifted higher this week. Acid casein prices moved higher at the bottom of the range, while staying steady at the top.

ORGANIC DAIRY MARKET NEWS: The National Organic Program (NOP) announced the creation of a new website with numerous resources for farmers and business owners seeking information about organic certification. Resources will include Spanish translation of the Organic Foods Production Act, along with several other fact sheets, videos and training resources. In the organic corn market, spot trading activities are moderate. Organic feed soybean trading activities are somewhat moderate. Trading activities are lighter for organic feed grade wheat. Current organic soybean meal markets are mostly light. In addition, trading activities and market trends are fairly limited on all other organic grains at this time.

NATIONAL RETAIL REPORT (DMN): Total dairy advertisement numbers decreased from last week. Conventional ads were 11 percent lower, while organic ad numbers shrunk by 32 percent. Conventional ice cream, in 48 to 64 ounce containers, was the most advertised dairy item, despite a two percent decline in ad numbers from week 17. The weighted average price for conventional half gallon milk was $2.73, while organic half gallon milk held a weighted average price of $3.82, resulting in an organic premium of $1.09.

CONTINUED ON PAGE 1A

TABLE OF CONTENTS

DAIRY MARKET NEWS PRICE SUMMARY FOR MAY 3 - 7, 2021
PRICES ($/LB) & CHANGES FROM PREVIOUS PUBLISHED PRICES

Commodity		Range		Mostly	
NDM					
Central Low/Med. Heat		1.2600	1.3600	1.3000	1.3400
	Change	0.0700	0.0100	0.0400	0.0400
Central High Heat		1.3500	1.5250		
	Change	0.0100	0.1250		
West Low/Med. Heat		1.2550	1.3875	1.3000	1.3400
	Change	0.0675	0.0400	0.0700	0.0700
West High Heat		1.4600	1.5250		
	Change	0.0900	0.0400		
DRY WHOLE MILK					
National		1.7000	1.7900		
	Change	-0.0400	0.0100		

Commodity		Range		Mostly	
BUTTERMILK					
Central/East		1.1350	1.2200		
	Change	0.0050	0.0525		
West		1.1400	1.2300	1.1500	1.1700
	Change	0.0300	0.0400	0.0200	0.0200
WHEY					
Central		0.5900	0.7000	0.6400	0.6600
	Change	0.0200	N.C.	0.0250	0.0150
West		0.6025	0.6850	0.6375	0.6625
	Change	-0.0050	-0.0250	-0.0050	-0.0050
Northeast		0.6100	0.6700		
	Change	N.C.	0.0025		

Commodity		Range		Mostly	
LACTOSE					
Central/West		0.3800	0.5600	0.4200	0.4800
	Change	-0.0200	N.C.	N.C.	N.C.
WPC 34%					
Central/West		1.0500	1.2700	1.0900	1.1600
	Change	0.0100	N.C.	0.0400	N.C.
CASEIN					
Rennet		3.7300	3.8200		
	Change	0.0200	0.0400		
Acid		4.2000	4.3200		
	Change	0.0200	N.C.		
ANIMAL FEED WHEY					
Central		0.5400	0.5925		
	Change	0.0200	N.C.		

CONTINUED FROM PAGE 1

MARCH AGRICULTURAL PRICES HIGHLIGHTS (NASS): The All Milk price received by farmers was $17.40 in March, down $.50 from March 2020. The alfalfa hay price was $181.00 in March, up $9.00 from March 2020. The corn price was $4.89 in March, up $1.21 from March 2020. The soybean price was $13.20 in March, up $4.73 from March 2020. The milk-feed price ratio was 1.75 in March, down 0.49 from March 2020. The index of prices received by farmers for dairy products during the month of March 2021 was up 1.5 to 86.6. Compared to March 2020, the index was down 2.5 points (-2.8 percent). The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in March 2021 was up 0.9 point to 111.7. Compared with March 2020, the index was up 2.1 points (1.9 percent).

MARCH DAIRY PRODUCTS HIGHLIGHTS (NASS): Butter production was 199 million pounds, 0.6 percent below March 2020, but 6.8 percent above February 2021. American type cheese production totaled 479 million pounds, 7.3 percent above March 2020, and 12.4 percent above February 2021. Total cheese output (excluding cottage cheese) was 1.18 billion pounds, 4.8 percent above March 2020, and 12.6 percent above February 2021. Nonfat dry milk production, for human food, totaled 198 million pounds, 14.1 percent above March 2020, and 8.0 percent above February 2021. Dry whey production, for human food, was 83 million pounds, 1.0 percent above March 2020, and 11.7 percent above February 2021. Ice cream, regular hard production, totaled 69.1 million gallons, 7.5 percent above March 2020, and 24.2 percent above February 2021.

APRIL FINAL CLASS PRICES HIGHLIGHTS (FMMO): The following are the April 2021 class prices under the Federal milk order pricing system and changes from the previous month: Class II: $15.56 ($+0.49), Class III: $17.67 ($+1.52), and Class IV: $15.42 ($+1.24). Under the Federal milk order pricing system, the butterfat price for April 2021 is $1.9496 per pound. Thus, the Class II butterfat price is $1.9566 per pound. The protein and other solids prices for April 2021 are $2.8136 and $0.4268 per pound, respectively. These component prices set the Class III skim milk price at $11.24 per cwt. The April 2021 Class IV skim milk price is $8.91, which is derived from the nonfat solids price of $0.9902 per pound. The product price averages for April 2021 are: butter $1.7814, nonfat dry milk $1.1680, cheese $1.7106, and dry whey $0.6135.

COMMODITY	MONDAY MAY 3	TUESDAY MAY 4	WEDNESDAY MAY 5	THURSDAY MAY 6	FRIDAY MAY 7	WEEKLY CHANGE	WEEKLY AVERAGE
CHEESE							
BARRELS	$1.8125 (-0.0225)	$1.8200 (+0.0075)	$1.8450 (+0.0250)	$1.7750 (-0.0700)	$1.7275 (-0.0475)	(-0.1075)	$1.7960 (-0.0150)
40 POUND BLOCKS	$1.8000 (N.C.)	$1.8000 (N.C.)	$1.8025 (+0.0025)	$1.7600 (-0.0425)	$1.7475 (-0.0125)	(-0.0525)	$1.7820 (-0.0190)
NONFAT DRY MILK							
GRADE A	$1.3200 (-0.0050)	$1.3400 (+0.0200)	$1.3575 (+0.0175)	$1.3450 (-0.0125)	$1.3225 (-0.0225)	(-0.0025)	$1.3370 (+0.0260)
BUTTER							
GRADE AA	$1.7525 (N.C.)	$1.7450 (-0.0075)	$1.7350 (-0.0100)	$1.7475 (+0.0125)	$1.7700 (+0.0225)	(+0.0175)	$1.7500 (-0.0360)
DRY WHEY							
EXTRA GRADE	$0.6600 (N.C.)	$0.6450 (-0.0150)	$0.6475 (+0.0025)	$0.6475 (N.C.)	$0.6275 (-0.0200)	(-0.0325)	$0.6455 (-0.0175)

Prices shown are in U.S. dollars per lb. in carlot quantities. Carlot unit weights: CHEESE, 40,000-44,000 lbs.; NONFAT DRY MILK, 41,000-45,000 lbs.; BUTTER, 40,000-43,000 lbs.;DRY WHEY, 41,000-45,000 lbs. Weekly Change is the sum of Daily Price Changes. Weekly Average is the simple average of the Daily Cash Close prices for the calendar week. Weekly Average Change is the difference between current and previous Weekly Average. Computed by Dairy Market News for informational purposes. This data is available on the Internet at WWW.AMS.USDA.GOV/MARKET-NEWS/DAIRY

NOTICE: Five days of trading information can be found at www.cmegroup.com/trading/agricultural/spot-call-data.html

BUTTER MARKETS

NORTHEAST

In the East region, butter operations are working through a steady supply of milk/cream loads for their production needs. Cream supplies are mostly available, although cream offers are priced at higher levels. Some butter makers relay their butter output is down compared to last year at this time. Butter inventories remain stable. Retail sales are currently lower with retailers/grocers ordering fewer supplies. Foodservice sales are reportedly stable and improving. Bulk butter prices range 3 – 8 cents over the CME, with various time frames and averages used. Butter markets are holding a fairly steady tone.

Prices for: Eastern U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat $/LB: +0.0300 - +0.0800

CENTRAL

Butter makers continue to report lackluster retail sales. Food service orders have picked up, but they have steadied in recent weeks as pipelines filled up. Cream is tightening, but not tight. Butter makers report clearing regional cream loads in the mid 1.20s again this week. That said, availability is reportedly more limited, particularly for churning, as ice cream production seasonally lifts. Butter plant managers say they putting some bulk loads away in preparation for the fall, but customers relay butter is available. Butter market tones are slightly softer in recent weeks.

Prices for: Central U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat $/LB: 0.0000 - +0.0500

WEST

Western cream is tightening a bit. Available supplies are still adequate to meet demand throughout the region, however. Ice cream makers are working through heavy volumes of cream, and butter operations are receiving steady supplies to maintain seasonally active production schedules. Overall, inventories are stable. Southwestern contacts relay concerns about cream outlook this summer; some creameries are working to grow butter inventories now to insulate against potential uncertainties later this year. Retail orders are steady to lower. Food service demand appears to be leveling off, for now, after weeks of growth. Dine-in restrictions continue to relax in many locales, but growing COVID case rates and hospitalizations are leading other areas to maintain or even strengthen current restrictions. These wide-ranging, and quickly changing, conditions pose a challenge to accurately forecasting bulk butter needs. Some contacts expect that food service demand will continue to come in waves.

Prices for: Western U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat $/LB: +0.0100 - +0.0750

DAIRY PRODUCTS REPORT – BUTTER SUMMARY

Released May 4, 2021, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Butter Production – States and United States: March 2020 and 2021

Region	Monthly Production (1000 pounds) MAR 2020	FEB 2021	MAR 2021	Percent Change from MAR 2020	FEB 2021
United States	200,040	186,304	198,935	- 0.6	6.8
Atlantic	21,739	17,438	18,624	-14.3	6.8
Central	76,979	75,166	76,459	- 0.7	1.7
West	101,322	93,700	103,852	2.5	10.8
California	61,009	57,003	62,606	2.6	9.8

Butter Production – Cumulative Production January - March

Report Month	Cumulative Production (1000 pounds) 2020	2021	Percent Change from 2020
MAR	599,723	594,869	-0.8

CONTINUED ON PAGE 2A

CONTINUED FROM PAGE 2

2021 U.S. BUTTER AND MILKFAT EXPORTS (USDA-FAS)

	2020 Exports (Million Lb.)	% Change From 1 Year Ago
TOTAL, MAR	10.0	+138
TOTAL, JAN-MAR	25.7	+110
Exports – Destination Country		
1 Canada	6.7	+ 28
2 Egypt	4.3	+259,345
3 Saudi Arabia	3.5	+601
4 Bahrain	1.9	+965
5 Denmark	1.9	...

2021 U.S. BUTTER AND MILKFAT IMPORTS (USDA-FAS)
(Imports for Consumption)

	2020 Imports (Million Lb.)	% Change From 1 Year Ago
March Imports		
Total Butter, Fats, Milk (H.S. Code 0405)	12.8	+ 47
Butter		
Quota (H.S. Code 405101000)	1.8	+125
Over Quota (H.S. Code 405102000)	8.4	+197
AMF		
Quota (H.S. Code 405901020)	0.3	- 69
Over Quota (H.S. Code 405902020)	0.4	- 86
Other Milk Fat	1.9	+ 51

	2020 Imports (Million Lb.)	% Change From 1 Year Ago
TOTAL, JAN-MAR	22.6	- 14
Imports – Country of Origin		
1 Ireland	12.5	+ 47
2 India	3.8	- 29
3 New Zealand	2.6	+ 97
4 France	1.0	- 30
5 United Kingdom	0.9	+ 25

CHEESE MARKETS

NORTHEAST

Cheese markets are portraying a stabled undertone. On various spot market exchanges, cheese prices are firm. Manufacturers are working through healthy milk volumes for strong cheese production in the East. Cheddar, mozzarella and provolone production rates are reportedly strong. Manufacturers' cheese supplies remain balanced for the near term. Buyers' cheese demands are fairly stable. Retail sales are mixed. Foodservice sales continue to display heightened numbers, compared to this time last year.

The DMN Northeast April 2021 monthly average price for cheddar blocks is $2.3760, compared to $2.3058 one month ago. Processed 5# sliced average price is $1.9631, compared to $1.8087 one month ago.

WHOLESALE SELLING PRICES: DELIVERED
DOLLARS PER POUND(MIXED LOTS (1000-5000 POUNDS))

Cheddar 40 pound Block	2.2550-2.5425
Muenster	2.2425-2.5925
Process American 5 pound Sliced	1.9100-2.3900
Swiss 10-14 pound Cuts	3.2525-3.5750

MIDWEST

Midwestern cheesemakers relay spot milk offers are lighter this week. Still, prices being reported by the midweek mark are mostly at sub-Class levels. Cheese production is busy. As flush season is near its peak, according to contacts, cheesemakers are taking advantage of available spot milk discounts before milk yields begin to decline with warming weather. Generally, orders are steady. Food service acquisitions are beginning to level off, but pizza cheese and process cheese producers continue to say loads are moving. Cheese producers are giving mixed notes regarding cheese availability. Some are saying they are nearly oversold, while others say inventories are slowly growing. Cheese contacts generally view the current price points to be in a healthy trading position.

WISCONSIN WHOLESALE SELLING PRICES: DELIVERED
DOLLARS PER POUND(MIXED LOTS (1000-5000 POUNDS))

Blue 5 pounds	2.4400-3.5075
Brick 5 pounds	2.1700-2.5950
Cheddar 40 pound Block	1.8925-2.2925
Monterey Jack 10 pounds	2.1450-2.3500
Mozzarella 5-6 pounds	1.9700-2.9150
Muenster 5 pounds	2.1700-2.5950
Process American 5 pound Loaf	1.8950-2.2550
Swiss 6-9 pound Cuts	2.7675-2.8850

WEST

Retail cheese demand is reported as slightly lighter in the region this week. Food service demand has been leveling as contacts report that buyers have been able to satisfy most near-term needs. Inventories of cheese remain mixed; blocks are available for purchase, but barrels are noted as somewhat firm, but some contacts suggest not as tight as in recent weeks. Cheese production continues to be strong, reflecting the high availability of milk in the region. Cheese market tones are firm. There is some consternation regarding the barrel price continuing to hover over the block price on the CME, however, cheese producers report market prices are in a somewhat healthy position right now. An increase in interest from Chinese importers has aided in some contacts viewing the market tones with a little more bullishness, as well.

WHOLESALE SELLING PRICES: DELIVERED
DOLLARS PER POUND(MIXED LOTS (1000-5000 POUNDS))

Cheddar 10 pound Cuts	2.1300-2.3300
Cheddar 40 pound Block	1.8825-2.3725
Monterey Jack 10 pounds	2.1175-2.3925
Process American 5 pound Loaf	1.9125-2.1675
Swiss 6-9 pound Cuts	3.0600-3.4900

FOREIGN TYPE

Cheese from Western Europe continues to be a primary source for U.S. cheese imports. Delivering Western European cheese to the U.S. has been more challenging recently. One reason has been the protracted slow start to Western European 2021 milk production, mostly due to weather. The continuing saga of shipping delays is another factor slowing exports to the U.S. Finally, more COVID restrictions linger in countries such as Germany and France, where vaccine completion rates lag those in the U.S. This results in more friction in production and shipment of cheese. Sources in Western Europe continue to project that 2021 cheese production will increase over 2020. That would ease one factor slowing exports to the U.S. Easing shipping complications once cheese production increases would go a long way toward increasing shipments to U.S. consumers. There remains strong buying interest in the U.S. for many Western European cheese varieties.

WHOLESALE SELLING PRICES: FOB DISTRIBUTORS DOCK
DOLLARS PER POUND (1000 - 5000 POUNDS, MIXED LOTS)

VARIETY	NEW YORK IMPORTED	DOMESTIC
Blue	2.6400-5.2300	2.2625-3.7500*
Gorgonzola	3.6900-5.7400	2.7700-3.4875*
Parmesan	-0-	3.6500-5.7400*
Romano	-0-	3.4525-5.6075*
Sardo Romano (Argentina)	2.8500-4.7800	-0-
Reggianito (Argentina)	3.2900-4.7800	-0-
Jarlsberg	2.9500-6.4500	-0-
Swiss	-0-	3.2875-3.6125
Swiss (Finland)	2.6700-2.9300	-0-

* = Price change.

COLD STORAGE

WEEKLY COLD STORAGE HOLDINGS - SELECTED STORAGE CENTERS
IN THOUSAND POUNDS - INCLUDING GOVERNMENT STOCKS

	BUTTER	CHEESE
05/03/2021	72512	78283
05/01/2021	72512	78283
CHANGE	0	0
% CHANGE	0	0

CONTINUED ON PAGE 3A

CHEESE MARKETS

CONTINUED FROM PAGE 3

2021 U.S. CHEESE AND CURD EXPORTS (USDA-FAS)

	2021 Exports (Million Lb.)	% Change From 1 Year Ago
TOTAL, MAR	81.4	+ 11
TOTAL, JAN-MAR 203.5	...	
Exports – Destination Country		
1 Mexico	49.9	- 16
2 South Korea	38.5	+ 14
3 Japan	20.5	+ 26
4 Australia	13.1	- 15
5 Chile	7.7	+ 16

2021 U.S. CHEESE AND CURD IMPORTS (USDA-FAS)

(Imports for Consumption)

March Imports	2021 Imports (Million Lb.)	% Change From 1 Year Ago
TOTAL Cheese and Curd (H.S. Code 0406)	32.2	+ 22
Cheese, Except Fresh (H.S. Code 040690)	27.6	+ 19
Fresh Cheese (H.S. Code 040610)	2.1	+ 61
Cheese, Processed (H.S. Code 040630)	1.6	+ 63
Cheese, Blue-Veined (H.S. Code 040640)	0.7	+ 3

	2021 Imports (Million Lb.)	% Change From 1 Year Ago
TOTAL, JAN-MAR	86.4	- 3
Imports - Country of Origin		
1 Italy	16.9	- 19
2 France	8.9	- 13
3 Netherlands	6.1	- 22
4 Switzerland	5.7	+ 3
5 Nicaragua	4.5	+ 2

EXPORT ASSISTANCE

This week, a cooperative export assistance program accepted requests for export assistance on contracts to sell 352,740 pounds (160 metric tons) of Cheddar and Monterey Jack cheese and 762,800 pounds (346 metric tons) of cream cheese. So far this year, the program has assisted member cooperatives who have contracts to sell 14.5 million pounds of American-type cheeses and 5.5 million pounds of cream cheese in export markets.

Dairy Products Report – Cheese Summary

Released on: May 4, 2021

by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Cheese Production – United States: March 2020 and 2021

Total Cheese [1]	Monthly Production (1000 pounds)			Percent Change from	
Region	MAR 2020	FEB 2021	MAR 2021	MAR 2020	FEB 2021
United States	1,121,446	1,043,505	1,175,369	4.8	12.6
Atlantic	139,928	128,322	145,224	3.8	13.2
Central	517,208	496,613	557,464	7.8	12.3
West	464,310	418,570	472,681	1.8	12.9

American Cheese [2]	Monthly Production (1000 pounds)			Percent Change from	
Region	MAR 2020	FEB 2021	MAR 2021	MAR 2020	FEB 2021
United States	446,423	426,094	478,874	7.3	12.4
Atlantic	28,604	27,384	28,949	1.2	5.7
Central	223,389	225,445	252,937	13.2	12.2
West	194,430	173,265	196,988	1.3	13.7

Italian Cheese	Monthly Production (1000 pounds)			Percent Change from	
Region	MAR 2020	FEB 2021	MAR 2021	MAR 2020	FEB 2021
United States	485,546	443,254	502,901	3.6	13.5
Atlantic	60,397	56,943	63,617	5.3	11.7
Central	198,781	184,718	210,099	5.7	13.7
West	226,368	201,593	229,185	1.2	13.7

Cheese Production – Cumulative Production January - March

	Cumulative Production (1000 pounds)		Percent Change from
Cheese Type	2020	2021	2020
Total Cheese [1]	3,279,121	3,354,441	2.3
American Cheese [2]	1,302,785	1,379,283	5.9
Italian Cheese	1,420,003	1,427,184	0.5

1/ Excludes cottage cheese.

2/ Includes cheddar, colby, washed curd, stirred curd, Monterey and jack.

FLUID MILK AND CREAM

EAST

Northeast milk is showing signs of slower output off farms. Market participants report milk supplies are fairly available for Class I/ balancing needs. Bottlers are receiving a steady supply of milk volumes for stable milk demands. Cheese operations are working through active production schedules. Several educational institutions are receiving a steady flow of milk supplies for the remainder of the school year. Throughout the East Coast, climate conditions have been suitable for farm fieldwork during the majority of the week. Mid-Atlantic milk production is somewhat mixed. Class I sales are steady. Southeast milk output is slightly higher. Wind and heavy rainstorms have hit parts of the Southeast region and have caused power outages this week. Milk managers are very busy working through milk cuts/ add-ons. Milk production in Florida is past its peak. Temps are reaching to the 90s. There are reports pastures are in fair condition, although there are signs of wilting pastures in parts of the southern portion of the state. Class I sales are stable. Cream markets are holding a firm tone. Some cream buyers have high demand for cream spot loads. Ice cream operations are receiving a healthy supply of cream loads at this time. Condensed skim markets are stable. Market participants are working through contract/spot demands.

The DMN April average for Northeast Class II cream was $2.4343, compared to $2.0956 a month ago.

The DMN April monthly average for Northeast Class II condensed skim was $0.9420, compared to $0.5663 a month ago.

Northeastern U.S., F.O.B. Condensed Skim	
Price Range - Class II; $/LB Solids:	0.90 - 1.05
Price Range - Class III; $/LB Solids:	0.95 - 1.10

Northeastern U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.3200 - 1.4100
Price Range - Class II; $/LB Butterfat:	2.3575 - 2.5183

MIDWEST

Milk production is reportedly at peak levels in the Midwest. Contacts expect to start seeing slightly lighter yields week over week in the near future. That said, dips in yields have been expected for a few weeks with either steady to continued upticks being reported. Class I orders were up this week throughout the region, at least slightly. Still, there is no shortage of milk for all end uses throughout the region. Producers are beginning to evaluate potential feed costs, as corn and bean prices push higher week to week on futures markets. Cheesemakers continue to report spot milk loads at discounts for the most part. However, some cheese producers reported overages of $.50 above Class III. Those same producers suggest $5 discounts have not been offered in weeks. Still, $3 and $4 discounts are being reported regularly in other areas of the region. Cream availability is mixed. Some loads bound for ice cream production were reported well above last week's premiums, but butter plant managers are still clearing an occasional load at multiples in the mid-1.20s. They say those are becoming fewer and further between, though. The dust has settled over Upper Midwestern corn fields, literally. As was expected during week 17, farmers used the previous weekend to get in the fields and there were multiple reports that strong winds created a dusty deluge in rural areas of the region. Farmer contacts in Wisconsin reported a Sunday evening rain could not have come at a more opportune time.

The DMN monthly average of the range price series for Upper Midwest Class II cream during April was $2.3695, compared to $2.0759 in March.

Price Range - Class III Milk; $/CWT; Spot Basis:	-4.50 - .50
Trade Activity: Active	

Midwestern U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.2400 - 1.3700
Price Range - Class II; $/LB Butterfat:	2.2861 - 2.4468
Multiples Range - Class II:	1.2800 - 1.3700

WEST

California milk production is steady. Class I orders are level. Class II is absorbing additional fluid milk due to seasonal production of ice cream and frozen desserts. In Arizona, milk output is strong, and so is Class I demand. Dairy processors with available bottling or drying capacity are bringing in additional milk from the mountain states. Hearty Class II and III orders are supporting active ice cream and cheese manufacturing. Milk supply is even in New Mexico. Balancing plants are working through large volumes of milk, and holdover numbers are decreasing. Contacts report that Class I demand is down slightly, Class II demand is flat, but Class III demand is growing due to increased cheese production. There is an abundance of milk in the Pacific Northwest. Milk output is strong, and regional dairy processors are also helping to clear milk that would have gone to the Oregon creamery that was recently damaged by fire. Class I demand is strong. Industry contacts say that the milk jug resin shortage appears to be resolved and is no longer a hindrance to bottling. Milk production is stable in the mountain states of Idaho, Utah, and Colorado. Class I orders are level. Contracted condensed skim is steady, but local spot load requests, and availability, are reported to be limited. Persistent tanker and driver shortages are a barrier to moving condensed skim into other regions. Western cream is tightening a little, but supply is adequate for current demand. While cream cheese and ice cream production is strong, and butter churns are seasonally active, there is not much excess cream coming into facilities. This week, cream multiples for all classes inched up one point at the top of the range.

Western U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.0500 - 1.2900

NONFAT DRY MILK, BUTTERMILK & WHOLE MILK

Prices represent carlot/trucklot quantities for domestic and export sales packaged in 25 kg. or 50 lb. bags, or totes, spray process, dollars per pound.

NONFAT DRY MILK - CENTRAL AND EAST

CENTRAL: Another week of bullish price movements were reported on the low/medium heat nonfat dry milk (NDM) spot market. Drying is active, but some plants are undergoing washes/maintenance this week within the region. Availability is noted as limited and demand is healthy, particularly from Mexican importers. Contacts report a strong pull from Midwestern manufacturing to the border. Regional end users are hesitant to take on loads at $1.30 or thereabouts, but even domestic trading was fairly active this week. High heat nonfat dry milk prices increased, as well. Trading of high heat NDM was light in the Central region, as spot availability is tight. In general, NDM market tones are notably bullish.
EAST: Low/medium heat nonfat dry milk (NDM) trading picked up in the Eastern region this week. End users, although hesitant at current prices, reported more spot purchases this week than in the past few weeks. Contacts continue to question the longevity of the current market status, but demand from export markets has yet to wane. In fact, it has gained steam this week. Production in the region is active, comparatively, but spot loads are scantly available. High heat NDM prices climbed higher on quiet trading on a market noted as very tight. NDM market tones are bullish. Some contacts have expectations of bullish markets continuing through the end of this quarter, if not longer.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk

Price Range - Low & Medium Heat; $/LB:	1.2600 - 1.3600
Mostly Range - Low & Medium Heat; $/LB:	1.3000 - 1.3400

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk

Price Range - High Heat; $/LB:	1.3500 - 1.5250

NONFAT DRY MILK - WEST

Low/medium heat nonfat dry milk (NDM) prices continue to climb higher, in the West, this week. The range and mostly price series are currently higher than they have been at any point since December of 2014. Low/medium heat NDM markets are bullish. Demand is steady in domestic markets, while continuing to be strong internationally. Exports of low/medium heat NDM to Mexico continue to be notably high. In the West, producers are running busy schedules as milk is readily available for drying. Inventories are available for spot purchasing. High heat NDM prices pushed higher this week, with the bottom of the range pushing into the $1.40s and the top crossing above $1.50. As with low/medium heat NDM, prices have not climbed this high since December of 2014. Demand for high heat is steady. Inventories continue to be limited, with manufacturers focusing on drying low/medium heat. The April 2021 Dairy Market News monthly average for the West low/medium heat nonfat dry milk mostly series is $1.2010 compared to $0.8789 a year ago. The average for Western high heat nonfat dry milk is $1.3496 compared to $1.0468 a year ago.

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk

Price Range - Low & Medium Heat; $/LB:	1.2550 - 1.3875
Mostly Range - Low & Medium Heat; $/LB:	1.3000 - 1.3400

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk

Price Range - High Heat; $/LB:	1.4600 - 1.5250

U.S. NDM Exports, H.S. Code 0402100000(FAS)

	2021 Exports (Million Lb.)	% Change From 1 Year Ago
MARCH Total	190.8	+ 39
TOTAL, JAN - MAR	487.2	+ 19
1 Mexico	169.9	+ 16
2 Philippines	61.9	+ 32
3 Vietnam	53.6	+ 61
4 Indonesia	46.5	- 17
5 China	21.4	+ 2,309

DRY BUTTERMILK - CENTRAL AND EAST

CENTRAL: Dry buttermilk prices firmed on solid buying demands. Offers are fairly limited on the spot market. Supplies continue to be tight for many operations. Some market participants have high demand for dry buttermilk in the near term. Domestic/international buyers are purchasing limited buttermilk powder supplies at heightened prices. There are reports global demands are strong. Outside of production to meet upcoming contracts, regional drying time is generally on lighter schedules. The buttermilk powder undertone is bullish.
EAST: Prices are higher in the East dry buttermilk market this week. Spots are very limited, as several operations do not have available loads to offer at this time. There are some market participants sourcing for any available loads/(LTL) in the region. In general, spot trading is somewhat quiet. Buyers' demands are fairly balanced with available supply. Drying time is mainly scheduled for nonfat dry milk production, keeping dry buttermilk production on lower schedules. The dry buttermilk market tone is stable. The DMN monthly average of the range price series for Central and East dry buttermilk during April was $1.1348, compared to $1.1113 in March.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk

Price Range ; $/LB:	1.1350 - 1.2200

DRY BUTTERMILK - WEST

Dry buttermilk prices, in the West, have moved up on both ends of the range and on the mostly price series. The top of the price range has moved above $1.20 for the first time since December of 2014. Bulk purchasing held the mostly close to the bottom of the price range. Contacts report a tightening of cream availability, in the region. Drying time is limited, with producers in the region focusing on drying condensed skim. Domestic demand for dry buttermilk has slowed, following seasonal trends. International demand is strong, particularly for export to Mexico and Asian markets. Market tones are bullish.

Prices for: Western U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk

Price Range ; $/LB:	1.1400 - 1.2300
Mostly Range - ; $/LB:	1.1500 - 1.1700

-CONTINUED ON PAGE 5A-

NONFAT DRY MILK, BUTTERMILK & WHOLE MILK

Prices represent carlot/trucklot quantities for domestic and export sales packaged in 25 kg. or 50 lb. bags, or totes, spray process, dollars per pound.

-CONTINUED FROM PAGE 5-

DRY WHOLE MILK - U.S.

The dry whole milk price range expanded on light trading activity. Customers found some spots at a value this week, but contacts do not view the lower prices as an indication of bearishness. Although producers are able to produce to meet contractual obligations, spot market availability is still viewed as tight. Less-than-load trades were reported at nearly $2/lb, as contacts view near term market tone as steady to bullish, based on supply.

The DMN average monthly price for dry whole milk in April was $1.7350, compared to $1.6883 in March.

Prices for: U.S., All First Sales, F.O.B., Conventional, and Edible Dry Whole Milk

Price Range - 26% Butterfat; $/LB:	1.7000 - 1.7900

WHEY, WPC 34%, LACTOSE & CASEIN

Prices represent carlot/trucklot quantities for domestic and export sales packaged in 25 kg. or 50 lb. bags, or totes, spray process, dollars per pound.

DRY WHEY- CENTRAL

Dry whey prices continued higher on the mostly and on the bottom of the price range. Late last week, some producers reported a little more spot availability in the Midwest. This week, however, those loads are reportedly moving quickly. Interestingly, a number of end users relay they were busier fielding offers this week. Customers are undoubtedly hesitant, but some are willing to pay $.60+ in order to secure loads in a tight market. Contacts question the longevity of current market bulls. However, export interest from Southeast Asia continues to move the goal posts on current market conditions. Animal feed whey prices moved higher on the bottom of the range, on quieter trading. As high protein blends such as WPC 80% instant and whey protein isolates reach $5+, the entire whey complex is resolutely bullish. The DMN monthly average of the mostly price series for Central dry whey during April was $.6209, compared to $.5827 in March. The monthly average of the range price series for Central animal feed whey during April was $.5469, compared to $.4752 in March.

Prices for: Central U.S., All First Sales, F.O.B., Conventional, % Non-Edible Dry Whey
Price Range - Animal Feed; $/LB: .5400 - .5925

Prices for: Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey
Price Range - Non-Hygroscopic; $/LB: .5900 - .7000
Mostly Range - Non-Hygroscopic; $/LB: .6400 - .6600

DRY WHEY– NORTHEAST

In the East, dry whey pricing is steady to slightly higher on fairly moderate trading activities. Buyers' demands are good for the near term. Some speculate if spot pricing has reached its peak. There are reports dry whey in the U.S. is priced higher than dry whey loads on various international markets. In the region, resellers have a few available loads for customers' immediate needs. Manufacturers are working through active dry whey production schedules. Inventory levels are mostly in line with buyers' demands at this time. The dry whey market undertone is stable this week. The April 2021 Dairy Market News monthly average for Northeast dry whey was $0.6228 compared to $0.5640 one month ago.

Prices for: Eastern U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey
Price Range - Non-Hygroscopic; $/LB: .6100 - .6700

DRY WHEY– WEST

This week, dry whey prices declined, in the West, across both the range and the mostly price series. In recent weeks, strong demand had been helping to drive the price of dry whey upwards. But now, with prices extending into the high 60s, contacts report that some purchasers have been hesitant to add loads to holdings. Current interest in discussing short-term variable contracts is light to nonexistent. Demand for dry whey intended for international markets is reportedly weaker. Cheese producers are running full schedules, with the current availability of milk. Despite this, dry whey production is mixed, as manufacturers are favoring the production of higher whey protein concentrates and permeate. Inventories remain tight in the region, as contacts report a limited availability for spot purchases. The DMN monthly average of the mostly price series for West dry whey during April was $.6341 compared to $.5755 one month ago and $.3635 a year ago.

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey
Price Range - Non-Hygroscopic; $/LB: .6025 - .6850
Mostly Range - Non-Hygroscopic; $/LB: .6375 - .6625

WHEY PROTEIN CONCENTRATE

Prices for whey protein concentrate 34% moved higher at the bottom of both the price range and the mostly price series, while holding steady at the top of each series. Inventories for WPC 34% are available but become scarcer for brands that meet infant formula requirements and other tight end user specifications. Some manufacturers say their stocks are heavily committed, kept lean by steady inquiries from buyers. End users seem intent to assure coverage for WPC34% into the near future. Some shoppers see WPC 34% as a good value for protein as prices for the higher whey proteins increase further. WPC 34% production is steady. The recent NASS Dairy Product report suggests that manufacturers increased the March production of WPC 34% and other higher whey protein concentrations in efforts to fill the appetite for protein in dairy markets. The April 2021 DMN average of the mostly price series for Central and West whey protein concentrate 34% is $1.0977, compared to $1.0487 in March and $1.0027 one year ago.

Prices for: Central and Western U.S., All First Sales, F.O.B., Extra Grade, Conventional, and Edible Whey Protein Concentrate
Price Range - 34% Protein; $/LB: 1.0500 - 1.2700

Dairy Products Report – Whey Summary

Released May 4, 2021, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Dry Whey (Human) Production – States and United States

State	Monthly Production (1000 pounds) FEB 2020	JAN 2021	FEB 2021	Percent Change from FEB 2020	JAN 2021
United States	82,082	74,245	82,896	1.0	11.7
Atlantic	21,543	21,229	22,557	4.7	6.3
Central	39,682	35,507	43,573	9.8	22.7
Wisconsin	25,703	25,992	33,198	29.2	27.7
West	20,857	17,509	16,766	-19.6	-4.2

Dry Whey – Cumulative Production January - February

Dry Whey	Cumulative Production (1000 pounds) 2020	2021	Percent Change from 2020
Total [1]	245,972	243,564	-1.0
Human [2]	240,798	240,029	-0.3

1. Excludes all modified dry whey products.
2. Values calculated from Dairy Products report data.

Manufacturers' stocks end of month [3]

Dry Whey	End of month stocks (1000 pounds) FEB 2020	JAN 2021	FEB 2021	Percent Change from FEB 2020	JAN 2021
Human	73,833	69,114	63,272	-14.3	-8.5
Animal	711	812	863	21.4	6.3
Total	74,544	69,926	64,135	-14.0	-8.3

3. Stocks held by manufacturers at all points and in transit.

Mostly Range - 34% Protein; $/LB: 1.0900 - 1.1600

CONTINUED ON PAGE 6A

WHEY, WPC 34%, LACTOSE & CASEIN

Prices represent carlot/trucklot quantities for domestic and export sales packaged in 25 kg. or 50 lb. bags, or totes, spray process, dollars per pound.

CONTINUED FROM PAGE 6

U.S. DRY WHEY EXPORTS. H.S. CODE 0404104000(FAS)

	2021 Exports (Million Lb.)	% Change From 1 Year Ago
MARCH TOTAL	52.7	+ 38
Total, JAN - MAR	133.8	+ 32
1 China	70.1	+ 130
2 South Korea	7.8	+ 219
3 Indonesia	7.1	- 24
4 Mexico	6.7	- 19
5 Thailand	5.8	+ 14

U.S. WPC < 80% EXPORTS, H.S. CODE 0404100500(FAS)

	2021 Exports (Million Lb.)	% Change From 1 Year Ago
MARCH TOTAL	29.6	+ 37
Total, JAN - MAR	83.4	+ 20
1 China	42.6	+ 96
2 Canada	10.6	+ 11
3 Mexico	10.2	- 13
4 Indonesia	4.0	+ 08
5 Philippines	3.2	- 50

LACTOSE

While lactose prices are mostly unchanged this week, a few lower spot sales pulled the bottom of the price range down several pennies. Industry contacts suggest market demand is a bit more mixed. Manufacturers report buyers are still making numerous inquiries, especially for lactose used in standardization, infant formula and applications that require added testing. However, demand for lactose that is more interchangeable with other carbohydrates has softened slightly. Some contacts think the ongoing shipping issues or concerns about the reemergence of African swine fever in China may be cooling the lactose market. As Q3 contract negotiations pick up the tempo, buyers and sellers are trying to get a read of market conditions. Lactose production is steady to higher, and inventories appear to be balanced to slightly snug. While concerns persist across the global lactose market, the current market tone is steady. The April 2021 Dairy Market News average of the mostly price series for Central and West lactose was $0.4495, compared to $0.4309 in March, and $.3467 one year ago.

Prices for: Central and Western U.S., Spot Sales And Up to 3 Month Contracts, F.O.B., Conventional, and Edible Lactose

Price Range - Non Pharmaceutical; $/LB:	.3800 - .5600
Mostly Range - Non Pharmaceutical; $/LB:	.4200 - .4800

CASEIN

The acid casein price range is mixed, stronger at the low end but steady at the top. Rennet casein prices increased at each end of the range. Casein manufacturers and buyers view the price strength as to be expected considering the wider strength of dairy powder prices. In the Western European market for rennet casein, Q3 contracting activity has continued to lock in substantial volumes of anticipated production. Q3 pricing is trending higher. New Zealand seasonal production is mostly committed. While the potential for prices moving higher is a matter of discussion, most participants expect pricing to at least maintain near current levels.

Prices for: Spot Sales And Up to 3 Month Contracts, Free on Board - Warehouse, Non-Restricted, All Mesh Sizes, Conventional, and Edible Casein

Acid; Price Range - $/LB:	4.2000-4.3200
Rennet; Price Range - $/LB:	3.7300-3.8200

Dairy Products Report – Whey Derivatives Summary

Released: May 4, 2021

by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Selected Whey Derivatives Production – United States

Product	Monthly Production (1000 pounds) MAR 2020	FEB 2021	MAR 2021	Percent Change from MAR 2020	FEB 2021
Whey Protein Concentrate, human and animal					
25.0-49.9 percent	15,942	13,908	15,651	-1.8	12.5
50.0-89.9 percent	24,152	23,604	30,345	25.6	28.6
Whey protein isolates, 90.0 percent or greater	10,276	9,877	13,323	29.7	34.9
Lactose, human and animal	94,831	79,123	101,240	6.8	28.0

Selected Whey Derivatives – Cumulative Production January - March

Product	Cumulative Production (1000 pounds) 2020	2021	Percent Change from 2020
Whey Protein Concentrate, human and animal [1]			
25.0-49.9 percent	45,752	46,350	1.3
50.0-89.9 percent	71,179	80,958	13.7
Whey protein isolates, 90.0 percent or greater [1`]	28,853	33,810	17.2
Lactose, human and animal	263,761	274,161	3.9

1. Values are calculated from Dairy Products report data.

Manufacturers' stocks end of month [2]

Product	End of month stocks (1000 pounds) MAR 2020	FEB 2021	MAR 2021	Percent Change from MAR 2020	FEB 2021
Whey Protein Concentrate, human and animal					
25.0-49.9 percent	26,814	26,591	25,006	-6.7	-6.0
50.0-89.9 percent	38,491	40,280	39,745	3.3	-1.3
Whey protein isolates, 90.0 percent or greater	15,233	14,584	14,458	-5.1	-0.9
Lactose, human and animal	100,557	132,062	125,525	24.8	-4.9

2. Stocks held by manufacturers at all points and in transit.

U.S. LACTOSE EXPORTS, H.S. CODE 1702110000(FAS)

	2021 Exports (Million Lb.)	%Change From 1 Year Ago
MARCH TOTAL	67.9	+ 20
Total, JAN - MAR	162.7	- 01
1 China	29.2	+ 34
2 New Zealand	25.1	+ 01
3 Japan	18.4	- 06
4 Mexico	15.7	- 18
5 Indonesia	12.6	+ 05

U.S. Dairy Cow Slaughter (1000 head) under Federal Inspection

WEEK ENDING	2021 WEEKLY DAIRY COWS	2021 CUMULATIVE DAIRY COWS	2020 WEEKLY DAIRY COWS	2020 CUMULATIVE DAIRY COWS
04/24/2021	59.1	1,097.1	63.0	1,112.0

WEBSITE: http://www.ams.usda.gov/mnreports/sj_ls714.txt
SOURCE: The slaughter data are gathered and tabulated in a cooperative effort by the Agricultural Marketing Service, the Food Safety and Inspection Service, and the National Agricultural Statistics Service, all of USDA

FEDERAL MILK ORDER CLASS III MILK PRICES (3.5% Butterfat)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2016	13.72	13.80	13.74	13.63	12.76	13.22	15.24	16.91	16.39	14.82	16.76	17.40
2017	16.77	16.88	15.81	15.22	15.57	16.44	15.45	16.57	16.36	16.69	16.88	15.44
2018	14.00	13.40	14.22	14.47	15.18	15.21	14.10	14.95	16.09	15.53	14.44	13.78
2019	13.96	13.89	15.04	15.96	16.38	16.27	17.55	17.60	18.31	18.72	20.45	19.37
2020	17.05	17.00	16.25	13.07	12.14	21.04	24.54	19.77	16.43	21.61	23.34	15.72

FEDERAL MILK ORDER CLASS IV MILK PRICES (3.5% Butterfat)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2016	13.31	13.49	12.74	12.68	13.09	13.77	14.84	14.65	14.25	13.66	13.76	14.97
2017	16.19	15.59	14.32	14.01	14.49	15.89	16.60	16.61	15.86	14.85	13.99	13.51
2018	13.13	12.87	13.04	13.48	14.57	14.91	14.14	14.63	14.81	15.01	15.06	15.09
2019	15.48	15.86	15.71	15.72	16.29	16.83	16.90	16.74	16.35	16.39	16.60	16.70
2020	16.65	16.20	14.87	11.40	10.67	12.90	13.76	12.53	12.75	13.47	13.30	13.36

FEDERAL MILK ORDER CLASS PRICES FOR 2021 (3.5% Butterfat)

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I (BASE)	15.14	15.54	15.20	15.51	17.10							
II	14.18	14.00	15.07	15.56								
III	16.04	15.75	16.15	17.67								
IV	13.75	13.19	14.18	15.42								

Further information may be found at: https://www.ams.usda.gov/rules-regulations/mmr/dmr

NATIONAL DAIRY PRODUCTS SALES REPORT
U.S. AVERAGES AND TOTAL POUNDS

WEEK ENDING	BUTTER	CHEESE 40# BLOCKS	CHEESE BARRELS 38% MOISTURE	DRY WHEY	NDM
05/01/2021	1.8062	1.8207	1.7566	.6284	1.1816
	3,015,432	12,963,396	13,412,487	4,946,315	22,714,923

Further data and revisions may be found on the internet at: http://www.ams.usda.gov/rules-regulations/mmr/dmr

CME GROUP, INC FUTURES
Selected settling prices

CLASS III MILK FUTURES (Pit-Traded) ($/cwt)

DATE	04/30	05/03	05/04	05/05	05/06
APR 21	17.64	17.64	17.64	17.67	
MAY 21	19.18	19.04	19.07	19.15	18.90
JUN 21	19.86	19.79	19.78	19.76	19.01

CLASS IV MILK FUTURES (Pit-Traded) ($/cwt)

DATE	04/30	05/03	05/04	05/05	05/06
APR 21	15.52	15.52	15.52	15.42	
MAY 21	16.21	16.21	16.21	16.20	16.07
JUN 21	17.02	16.97	16.99	16.99	16.79

CASH SETTLED BUTTER FUTURES (Electronic-Traded) (¢/lb)

DATE	04/30	05/03	05/04	05/05	05/06
APR 21	178.75	178.75	178.75	178.14	
MAY 21	179.00	178.00	177.00	176.00	176.00
JUN 21	179.75	178.38	177.00	176.50	177.25

NONFAT DRY MILK FUTURES (Pit-Traded) (¢/lb)

DATE	04/30	05/03	05/04	05/05	05/06
APR 21	117.23	117.23	117.00	116.80	
MAY 21	125.85	126.00	126.28	126.25	125.00
JUN 21	134.00	134.05	134.80	134.75	132.50

WHEY (Electronic-Traded) (¢/lb)

DATE	04/30	05/03	05/04	05/05	05/06
APR 21	61.60	61.60	61.30	61.35	
MAY 21	66.25	65.95	65.75	65.75	65.30
JUN 21	69.25	68.85	68.90	68.85	68.00

BLOCK CHEESE CSC (Electronic-Traded) ($/lb)

DATE	04/30	05/03	05/04	05/05	05/06
APR 21	1.80	1.80	1.80		
MAY 21	1.83	1.83	1.83	1.83	1.82
JUN 21	1.89	1.89	1.89	1.89	1.82

Further information may be found at: http://www.cmegroup.com/market-data/daily-bulletin.html

ORGANIC DAIRY MARKET NEWS
Information gathered April 26 - May 7, 2021

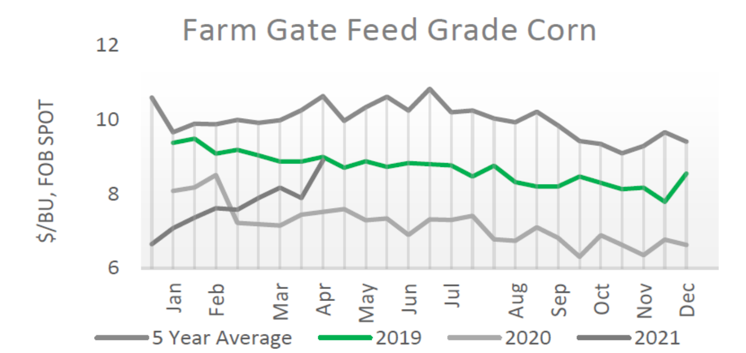
ORGANIC DAIRY FLUID OVERVIEW

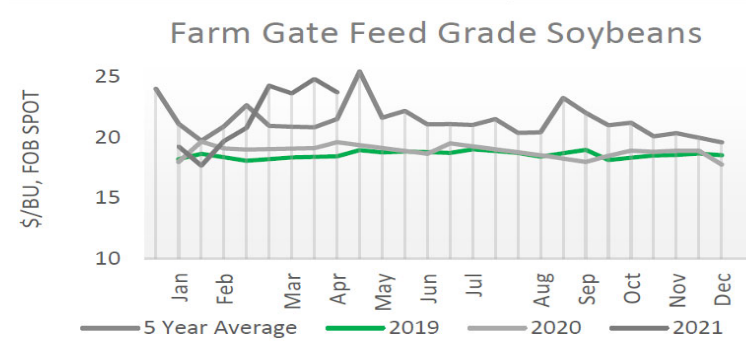
The National Organic Program (NOP) announced the creation of a new website with numerous resources for farmers and business owners seeking information about organic certification. Resources will include Spanish translation of the Organic Foods Production Act, along with several other fact sheets, videos and training resources. Website information: Spanish Language Resources for Organic Stakeholders | Agricultural Marketing Service (usda.gov)

U.S. creamery suffered intense damages caused by a fire. There are reportedly no employees who have been physically harmed. The dairy operation took in 500,000 pounds of milk a day from nearby farms. There have been numerous milk cuts. Some organic farmers are able to send their milk to conventional processors, although the farmers are receiving payment at conventional level. However, many conventional operations do not all have the ability to isolate the organic milk while still receiving milk from their own producers.

On an organic farm in the UK a robotic tractor is able to operate up to 24 hours a day through GPS technology. The robotic tractor completes weeding, planting, cultivating, and has front and rear cameras where the farmer is always able to watch progress without physically being in a tractor. There are reports the robotic tractor is light weight, with capabilities to reduce the risk of soil damage.

Dutch Organic Milk Pay Price. In the Netherlands, a large processor of organic milk announced the May 2021 pay price for organic milk is 48.75 EUR/100kg (currently $58.99 USD). The organic milk producer supplies an average of 550,000 kilograms of milk, containing a fat content of 4.42 percent, protein content of 3.57 percent and a lactose content of 4.53 percent, on an annual basis.





For more additional information, access the links: https://www.ams.usda.gov/mnreports/lsbnof.pdf

ORGANIC GRAIN FEEDSTUFF OVERVIEW

National Organic Grain and Feed Markets. In the organic corn market, spot trading activities are moderate. Organic corn traded $1.01 higher FOB. The demand for organic feed corn is reportedly good on forward contracts. Organic feed soybean trading activities are somewhat moderate. Organic feed soybeans traded $1.09 lower FOB this reporting period. Trading activities are lighter for organic feed grade wheat. Current organic soybean meal markets are mostly light. In addition, trading activities and market trends are fairly limited on all other organic grains at this time.

Grower FOB Farm Gate Organic Grain

		Spot Transactions				Forward Contracts		Cash Bids
Feed Grade	Unit	Price Range	Avg.	Change	Prior Year	Price Range	Delivery Period	Price Range
Yellow Corn	$/bu	7.00 - 9.00	8.90	1.01	7.59	7.80 - 10.00	May-21 - Jan-22	7.75 - 8.25
Soybeans	$/bu	22.53 - 27.00	23.69	-1.09	N/A	18.00 - 28.00	May-21 - Dec-21	24.00 - 24.00
Wheat	$/bu	N/A - N/A	N/A	N/A	N/A	11.50 - 11.50	May-21 - Jun-21	N/A - N/A

ORGANIC DAIRY RETAIL OVERVIEW

Total organic ads for surveyed retail stores decreased 32 percent. For the first week of May, organic milk, in half gallon containers, increased 17 percent in ad numbers. In addition, total organic milk ads heightened 33 percent. In the Midwest region, milk ads increased 61 percent and total organic advertisements in the region increased 61 percent this reporting survey. The price spread between the weighted average advertised price for organic half gallon milk, $3.82, compared to $2.73 for conventional half gallons, led to an organic premium of $1.09. The organic premium decreased $0.82 from the previous reporting period.

The national weighted average advertised price for organic 8 ounce block cheese is $3.69. Conventional 8 ounce block cheese has an average price of $2.44, resulting in an organic premium of $1.25. The national weighted average advertised price for organic sour cream, in 16 ounce containers, is $2.49. Conventional sour cream, in 16 ounce containers, has a national weighted average advertised price of $1.69, resulting in an organic premium of $0.80. The national weighted average advertised price for organic Greek yogurt, in 32-ounce containers, is $6.38. Conventional Greek yogurt, in 32 ounce containers, has a national weighted average advertised price of $3.98, yielding an organic premium of $2.40.

-CONTINUED ON PAGE 8A-

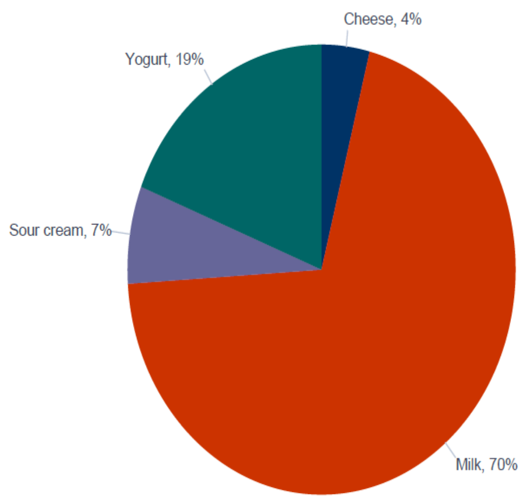
ORGANIC DAIRY MARKET NEWS

Information gathered April 26 - May 7, 2021

-CONTINUED FROM PAGE 8-

Each advertised organic dairy product and ad percentages, from the most recent Dairy Market News retail survey, are shown in the pie chart below.

Percentage of Total Organic Ads by Commodity



Advertising information presented is compiled from nearly 23,000 surveyed newspaper supermarket ads. Prices are valid from May 7 - 13, 2021. Retail survey ads reflect "advertised specials" and not the range of non-advertised supermarket cooler prices.

Product pricing information of selected organic dairy commodities, from the current weekly retail survey, is presented in the following table:

NATIONAL RETAIL ORGANIC DAIRY WEIGHTED AVERAGE ADVERTISED PRICE

COMMODITY	This Week	Last Week	Last Year
Cheese			
8 oz block	$3.69	n.a.	n.a.
Cottage Cheese			
16 oz.	n.a.	$4.29	n.a.
Cream Cheese			
8 oz	n.a.	$2.00	$2.50
Milk			
Half Gal.	$3.82	$4.10	$4.88
Gallon	$6.20	n.a.	$5.00
Sour Cream			
16 oz.	$2.49	n.a.	n.a.
Yogurt			
32 oz. Greek	$6.38	n.a.	$3.00
32 oz. Yogurt	$3.00	$3.25	n.a.

Data source: USDA Dairy Market News

DIRECT TO CONSUMER ORGANIC DAIRY PRODUCTS PRICES

The following tables identify U.S. price range results from a Dairy Market News national survey of publicly available prices of organic dairy products, available from farmstead outlets and online. There may be prices offered outside of the price range which were not identified by the survey. These are cows' milk products.

BUTTER

Commodity	Type	Pack Size	Organic Price Range $
Organic Butter		1 lb	3.50 - 5.50
Organic Butter		8 oz	2.75 - 10.00

CHEESE

Commodity	Type	Pack Size	Organic Price Range $
Organic Cheese	Cheddar - 2-4 year	8 oz	5.73 - 10.00
Organic Cheese	Cheddar - 5-9 year	8 oz	8.50 -
Organic Cheese	Cheddar - Medium	8 oz	4.50 - 5.50
Organic Cheese	Cheddar - Mild	8 oz	4.14 - 6.00
Organic Cheese	Cheddar - Sharp	8 oz	4.50 - 6.93
Organic Cheese	Colby	8 oz	4.50 - 6.29
Organic Cheese	Farmers	8 oz	4.00 - 6.00
Organic Cheese	Gouda	8 oz	4.50 - 12.00
Organic Cheese	Monterey Jack	8 oz	4.50 - 6.00
Organic Cheese	Mozzarella	8 oz	4.50 - 12.50
Organic Cheese	Muenster	8 oz	5.25 - 6.00
Organic Cheese	Pepper Jack	8 oz	12.50 -
Organic Cheese	Curds	per lb	12.00 -

MILK

Commodity	Type	Pack Size	Organic Price Range $
Organic Milk	All fat tests	Half Gallon	6.00

Information for the period April 26 - May 7 2021 , issued monthly.

2021 U.S. MONTHLY PRICE AVERAGES (US $/LB)

AREA and PRODUCT	JAN	FEB	MAR	APR
CME GROUP [1]				
BUTTER - DAILY TRADING				
GRADE AA	1.3496	1.3859	1.7153	1.8267
CHEESE - DAILY TRADING				
BARRELS	1.5141	1.4442	1.4811	1.7119
40 POUND BLOCKS	1.7470	1.5821	1.7362	1.7945
NONFAT DRY MILK - DAILY TRADING				
GRADE A	1.1808	1.1137	1.1676	1.2368
DRY WHEY - DAILY TRADING				
EXTRA GRADE	0.5128	0.5426	0.6027	0.6605
DAIRY MARKET NEWS [2]				
CHEESE				
WISCONSIN				
PROCESS AMERICAN 5 POUND LOAF	1.7983	1.7026	1.7337	1.8881
BRICK AND/OR MUENSTER 5 POUNDS	2.3280	2.1549	2.2896	2.3598
CHEDDAR 40 POUND BLOCK	2.0380	1.8649	1.9996	2.0698
MONTEREY JACK 10 POUNDS	2.1930	2.0199	2.1546	2.2248
BLUE 5 POUNDS	2.9180	2.7458	2.8808	2.9510
MOZZARELLA 5-6 POUNDS	2.3880	2.2149	2.3496	2.4198
SWISS 6-9 POUND CUTS	3.4463	3.5881	2.9755	2.8231
NORTHEAST				
CHEDDAR 40 POUND BLOCK	2.3443	2.1711	2.3058	2.3760
PROCESS AMERICAN 5 POUND SLICED	1.8733	1.7776	1.8087	1.9631
MUENSTER	2.3630	2.1899	2.3246	2.3948
SWISS 10-14 POUND CUTS	4.0338	4.1756	3.5630	3.4106
WEST				
PROCESS AMERICAN 5 POUND LOAF	1.7633	1.6676	1.6987	1.8531
CHEDDAR 40 POUND BLOCK	2.0730	1.8999	2.0346	2.1048
CHEDDAR 10 POUND CUTS	2.1755	2.0024	2.1371	2.2073
MONTEREY JACK 10 POUNDS	2.2005	2.0274	2.1621	2.2323
SWISS 6-9 POUND CUTS	3.8950	4.0368	3.4242	3.2718
FLUID PRODUCTS				
CLASS II CREAM				
NORTHEASTERN - F.O.B.	1.5974	1.5804	2.0956	2.4343
MIDWESTERN - F.O.B.	1.6620	1.6328	2.0759	2.3695
CONDENSED SKIM - NORTHEASTERN - F.O.B.				
CLASS II	0.5263	0.5000	0.5663	0.9420
CLASS III	0.6447	0.6250	0.6848	1.0057

1 Monthly averages are a simple average of all the closes during the month.
2 Monthly averages are based on weekly prices and are time-weighted according to the number of workdays in the month - Saturdays, Sundays and National Holidays excluded.

2021 U.S. MONTHLY PRICE AVERAGES (US $/LB)

AREA and PRODUCT	JAN	FEB	MAR	APR
DAIRY MARKET NEWS, CONTINUED [2]				
DRY PRODUCTS				
NONFAT DRY MILK				
EASTERN AND CENTRAL - LOW/MEDIUM HEAT	1.1674	1.1145	1.1680	1.2056
--MOSTLY	1.1674	1.1359	1.1568	1.2082
EASTERN AND CENTRAL - HIGH HEAT	1.2650	1.2326	1.3093	1.3277
WESTERN - LOW/MEDIUM HEAT	1.1701	1.1189	1.1564	1.2067
--MOSTLY	1.1632	1.1389	1.1572	1.2010
WESTERN - HIGH HEAT	1.2891	1.2900	1.3262	1.3496
DRY WHEY				
CENTRAL	0.4788	0.5167	0.5782	0.6200
--MOSTLY	0.4798	0.5128	0.5827	0.6209
WESTERN	0.4871	0.5222	0.5714	0.6407
--MOSTLY	0.4816	0.5199	0.5755	0.6341
NORTHEASTERN - EXTRA AND GRADE A	0.4680	0.5160	0.5640	0.6228
WHEY PROTEIN CONCENTRATE 34%				
CENTRAL AND WESTERN	1.0046	1.0593	1.0905	1.1525
--MOSTLY	0.9693	1.0134	1.0487	1.0977
ANIMAL FEED				
CENTRAL - MILK REPLACER	0.3784	0.3913	0.4752	0.5469
DRY BUTTERMILK				
EASTERN AND CENTRAL	1.0697	1.0768	1.1113	1.1348
WESTERN	1.0600	1.0874	1.0622	1.1145
--MOSTLY	1.0589	1.0787	1.0889	1.1195
DRY WHOLE MILK				
NATIONAL	1.5724	1.6447	1.6883	1.7350
LACTOSE				
CENTRAL AND WESTERN	0.4300	0.4313	0.4435	0.4852
--MOSTLY	0.4089	0.4145	0.4309	0.4495
CASEIN				
RENNET	3.5163	3.6486	3.6935	3.7227
ACID	3.6449	3.8533	4.1902	4.2386

2 Monthly averages are based on weekly prices and are time-weighted according to the number of workdays in the month - Saturdays, Sundays and National Holidays excluded.

2021 INTERNATIONAL MONTHLY PRICE AVERAGES (US $/MT)

AREA and PRODUCT	JAN	FEB	MAR	APR
DAIRY MARKET NEWS [3]				
BUTTER (82% BUTTERFAT)				
-- OCEANIA	4720	5138	5679	5753
-- WESTERN EUROPE	4130	4381	4796	4875
BUTTEROIL (99% BUTTERFAT)				
-- WESTERN EUROPE	4861	4997	5301	5549
CHEDDAR CHEESE (39% MAXIMUM MOISTURE)				
-- OCEANIA	4090	4269	4386	4428
SKIM MILK POWDER (1.25% BUTTERFAT)				
-- OCEANIA	3215	3238	3388	3418
-- SOUTH AMERICA	3217	3297	3311	3334
-- WESTERN EUROPE	2786	2888	2950	3058
WHEY POWDER (NONHYGROSCOPIC)				
-- WESTERN EUROPE	1052	1141	1213	1266
WHOLE MILK POWDER (26% BUTTERFAT)				
-- OCEANIA	3357	3653	4097	4086
-- SOUTH AMERICA	3414	3591	3770	3874
-- WESTERN EUROPE	3432	3572	3782	3882

3 Monthly averages are based on weekly prices and are time-weighted according to the number of workdays in the month - Saturdays, Sundays excluded.

March Agricultural Prices Highlights

The All Milk price received by farmers was $17.40 in March, down $.50 from March 2020. The alfalfa hay price was $181.00 in March, up $9.00 from March 2020. The corn price was $4.89 in March, up $1.21 from March 2020. The soybean price was $13.20 in March, up $4.73 from March 2020. The milk-feed price ratio was 1.75 in March, down 0.49 from March 2020.

The index of prices received by farmers for dairy products during the month of March 2021 was up 1.5 to 86.6. Compared to March 2020, the index was down 2.5 points (-2.8 percent). The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in March 2021 was up 0.9 point to 111.7. Compared with March 2020, the index was up 2.1 points (1.9 percent).

Selected Milk Prices, Milk Cows, and Feed Prices, Selected States and U.S., March 2021 with Comparisons

State	All-Milk price [1, 2] March 2020	All-Milk price [1, 2] March 2021	Alfalfa hay, baled March 2020	Alfalfa hay, baled March 2021	Corn for Grain March 2020	Corn for Grain March 2021	Soybeans March 2020	Soybeans March 2021
	(dollars per cwt)		*(dollars per ton)*		*(dollars per bushel)*		*(dollars per bushel)*	
AZ	17.10	15.80	200.00	195.00	---	---	---	---
CA	17.30	17.10	200.00	200.00	---	---	---	---
CO	18.60	17.50	225.00	215.00	3.74	4.95	---	---
GA	20.10	19.20	---	---	---	---	---	---
ID	17.30	17.60	150.00	165.00	---	---	---	---
IN	18.00	17.40	---	---	4.03	4.95	9.01	13.00
IA	18.80	18.10	116.00	125.00	3.64	4.89	8.43	13.30
MI	16.60	16.40	175.00	205.00	3.73	4.97	8.90	13.20
MN	18.20	18.60	139.00	131.00	3.49	4.73	7.46	13.60
NM	15.20	15.40	220.00	230.00	---	---	---	---
NY	18.50	17.90	243.00	209.00	---	---	---	---
OH	18.90	18.10	200.00	220.00	3.99	5.06	9.11	13.30
PA	18.90	17.90	265.00	245.00	4.11	5.86	---	---
TX	18.10	17.10	187.00	222.00	4.24	5.69	---	---
WA	18.00	17.10	200.00	180.00	---	---	---	---
WI	18.10	17.50	180.00	172.00	3.51	4.75	8.30	13.00
U.S.	17.90	17.40	172.00	181.00	3.68	4.89	8.47	13.20

NA = Not available. (D) = Withheld to avoid disclosing data for individual operations. (S) = Insufficient number of reports to establish an estimate. [1] Prices are shown at reported butterfat test. [2] Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
(D) Withheld to avoid disclosing data for individual operations
(S) Insufficient number of reports to establish an estimate.

Milk-Feed Price Ratio, Selected States and U.S., March 2021 with Comparisons

Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk [1]

State[2]	March 2020	February 2021	March 2021
IA	2.64	1.94	1.98
MI	2.07	1.38	1.51
MN	2.36	1.83	1.59
OH	2.11	1.72	1.67
WI	2.25	1.69	1.78
U.S.	2.24	1.78	1.75

[1] The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa hay. [2] Available states that provided all necessary data to compute milk-feed price ratios.

General Price Measures, U.S., March 2021 with Comparisons

Item	March 2020	February 2021	March 2021
Index Numbers (1990-92=100):			
Prices received by farmers for dairy production	89.1	85.1	86.6
Prices paid by farmers for commodities and services, interest taxes, and wage rates	109.6	110.8	111.7

Source: U.S. Department of Agriculture. National Agricultural Statistics Service. Agricultural Statistics Board. *Agricultural Prices, April 2021.*

March 2021 Dairy Products Highlights

Butter production was 199 million pounds, 0.6 percent below March 2020, but 6.8 percent above February 2021**. American type cheese** production totaled 479 million pounds, 7.3 percent above March 2020, and 12.4 percent above February 2021**. Total cheese** output (excluding cottage cheese) was 1.18 billion pounds, 4.8 percent above March 2020, and 12.6 percent above February 2021. **Nonfat dry milk** production, for human food, totaled 198 million pounds, 14.1 percent above March 2020, and 8.0 percent above February 2021. **Dry whey** production, for human food, was 83 million pounds, 1.0 percent above March 2020, and 11.7 percent above February 2021. **Ice cream, regular hard** production, totaled 69.1 million gallons, 7.5 percent above March 2020, and 24.2 percent above February 2021.

Production of Dairy Products

Product	March 2021	Change from March 2020	Change from February 2021	Change from Year to Date [1]	Product	March 2021	Change from March 2020	Change from February 2021	Change from Year to Date [1]
	(1,000 lbs)	*(percent)*				*(1,000 lbs)*	*(percent)*		
Butter	198,935	-0.6	6.8	-0.8	Yogurt (plain and flavored)	439,586	0.3	15.3	2.7
Cheese					Dry whey, human food	82,896	1.0	11.7	---
American types [2]	478,874	7.3	12.4	5.9	Dry whey, animal feed	1,357	-3.1	25.9	---
Cheddar	338,735	7.8	12.7	5.6	Dry whey, total [8]	84,253	0.9	11.9	-1.0
Other American	140,139	5.9	11.6	---	Reduced lactose & minerals				
Brick & Muenster	16,199	-2.9	10.7	---	Human food	2,891	23.3	72.1	---
Cream & Neufchatel	80,720	5.6	10.9	---	Animal feed	3,913	14.7	40.4	---
Hispanic	32,127	0.9	13.7	---	Lactose, human food & animal feed	101,240	6.8	28.0	3.9
Total Italian types	502,901	3.6	13.5	0.5	Whey protein concentrate				
Mozzarella	394,193	2.0	14.1	-0.8	Human food [9]	45,468	16.8	22.7	---
Other Italian	108,708	9.6	11.2	---	Animal feed [9]	528	-54.8	18.1	---
Swiss	25,901	-5.5	12.7	---	Total[9]	45,996	14.7	22.6	8.9
All other types	38,647	4.2	8.9	---	25.0-49.9 percent [10]	15,651	-1.8	12.5	---
Total	1,175,369	4.8	12.6	2.3	50.0-89.9 percent [10]	30,345	25.6	28.6	---
Cottage cheese, curd [3]	33,663	1.3	13.0	---	Whey protein isolates [11]	13,323	29.7	34.9	---
Cottage cheese, cream [4]	30,370	-3.3	10.6	-1.9					
Cottage cheese, lowfat [5]	28,176	0.7	16.1	-2.8		*(1,000 gal)*	*(percent)*		
Dry buttermilk	12,658	-5.9	6.9	---	Frozen products				
Dry whole milk	14,599	32.0	31.9	---	Ice cream, regular hard	69,090	7.5	24.2	4.4
Milk protein conc. (MPC), total [6]	16,582	13.6	-9.7	---	Ice cream, lowfat, hard	24,361	4.9	23.5	---
Nonfat dry milk (NDM), human	198,227	14.1	8.0	8.9	Ice cream, lowfat, soft	18,746	-4.6	36.0	---
Skim milk powders (SMP) [7]	38,301	-31.4	21.1	-22.0	Ice cream, lowfat, total	43,107	0.6	28.7	-6.2
Sour cream	128,429	11.2	12.9	5.1	Sherbet, hard	2,562	-5.8	-1.7	-1.4
					Frozen yogurt, total	3,175	-11.9	-22.6	14.9

Manufacturers' Stocks, End of Month [12]

Product	March 2021	March 2020	February 2021	Product	March 2021	March 2020	February 2021
	(1,000 lbs)	*(percent)*			*(1,000 lbs)*	*(percent)*	
				Whey protein concentrate			
Dry whey, human food	63,272	-14.3	-8.5	Human food [9]	63,261	-1.8	-2.9
Dry whey, animal feed	863	21.4	6.3	Animal feed [9]	1,490	73.3	-14.3
Reduced lactose & minerals—human & animal [13]	6,077	21.8	-4.7	Total[9]	64,751	-0.8	-3.2
Lactose, human food & animal feed	125,525	24.8	-4.9	25.0-49.9 percent [10]	25,006	-6.7	-6.0
Dry buttermilk	23,258	-6.8	-2.8	50.0-89.9 percent [10]	39,745	3.3	-1.3
Nonfat dry milk, human food	316,973	-9.8	-7.8	Whey protein isolates [11]	14,458	-5.1	-0.9

[1] 2021 cumulative as percent change compared to 2020 cumulative. [2] Includes Cheddar, Colby, Monterey and Jack. [3] Mostly used for processing into cream or lowfat cottage cheese. [4] Fat content 4 percent or more. [5] Fat content less than 4 percent. [6] Dry milk protein concentrate, 40-89.9 percent. [7] Includes protein standardized and blends. [8] Excludes all modified dry whey products. [9] Whey protein concentrate, 25.0 to 89.9 percent. [10] Whey protein concentrate, human and animal. [11] Whey protein isolates, 90.0 percent or greater. [12] Stocks held by manufacturers at all points and in transit. [13] Reduced lactose and minerals stocks combined to avoid disclosure of individual operations. **Source:** U.S. Department of Agriculture. National Agricultural Statistics Service. Agricultural Statistics Board. *Dairy Products, May 2021.*

Final Class Prices by Order, April 2021

April 2021 Highlights

Class Prices: The following are the April 2021 class prices under the Federal milk order pricing system and changes from the previous month: Class II: $15.56 ($+0.49), Class III: $17.67 ($+1.52), and Class IV: $15.42 ($+1.24).

Component Price Information: Under the Federal milk order pricing system, the butterfat price for April 2021 is $1.9496 per pound. Thus, the Class II butterfat price is $1.9566 per pound. The protein and other solids prices for April 2021 are $2.8136 and $0.4268 per pound, respectively. These component prices set the Class III skim milk price at $11.24 per cwt. The April 2021 Class IV skim milk price is $8.91, which is derived from the nonfat solids price of $0.9902 per pound.

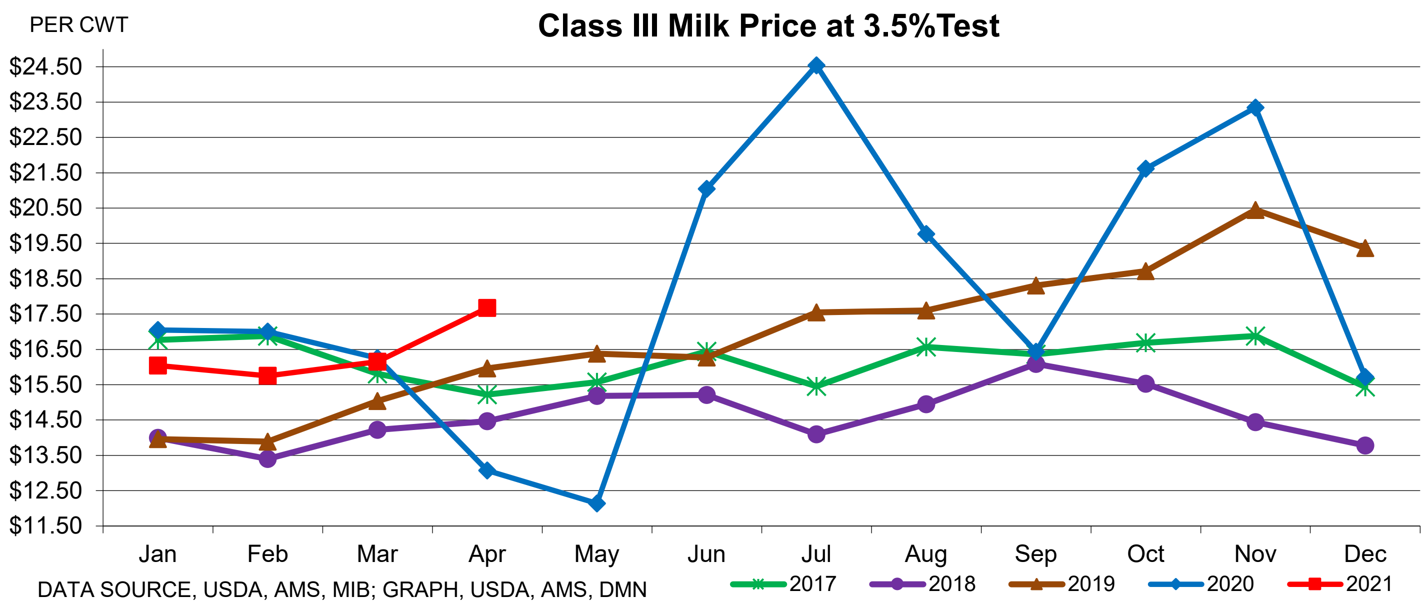
Product Price Averages: The product price averages for April 2021 are: butter $1.7814, nonfat dry milk $1.1680, cheese $1.7106, and dry whey $0.6135.

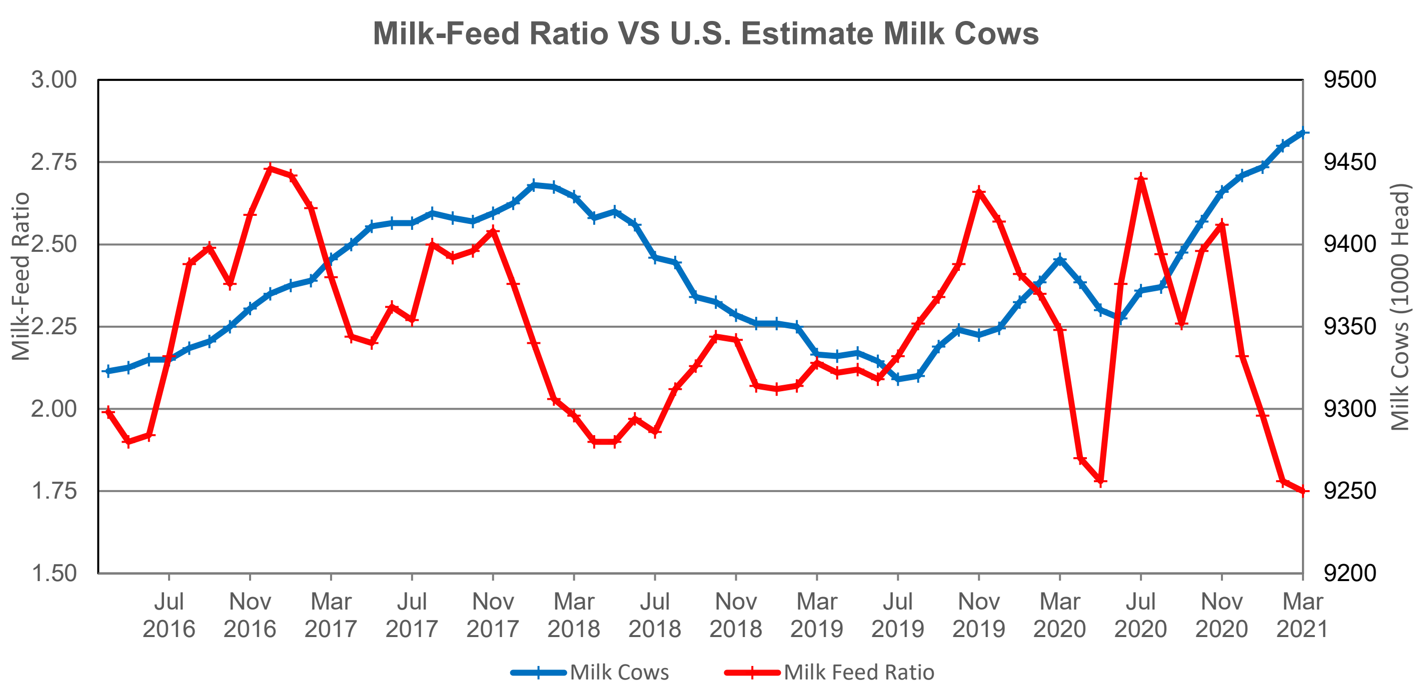
Final Class Prices by Order for April 2021

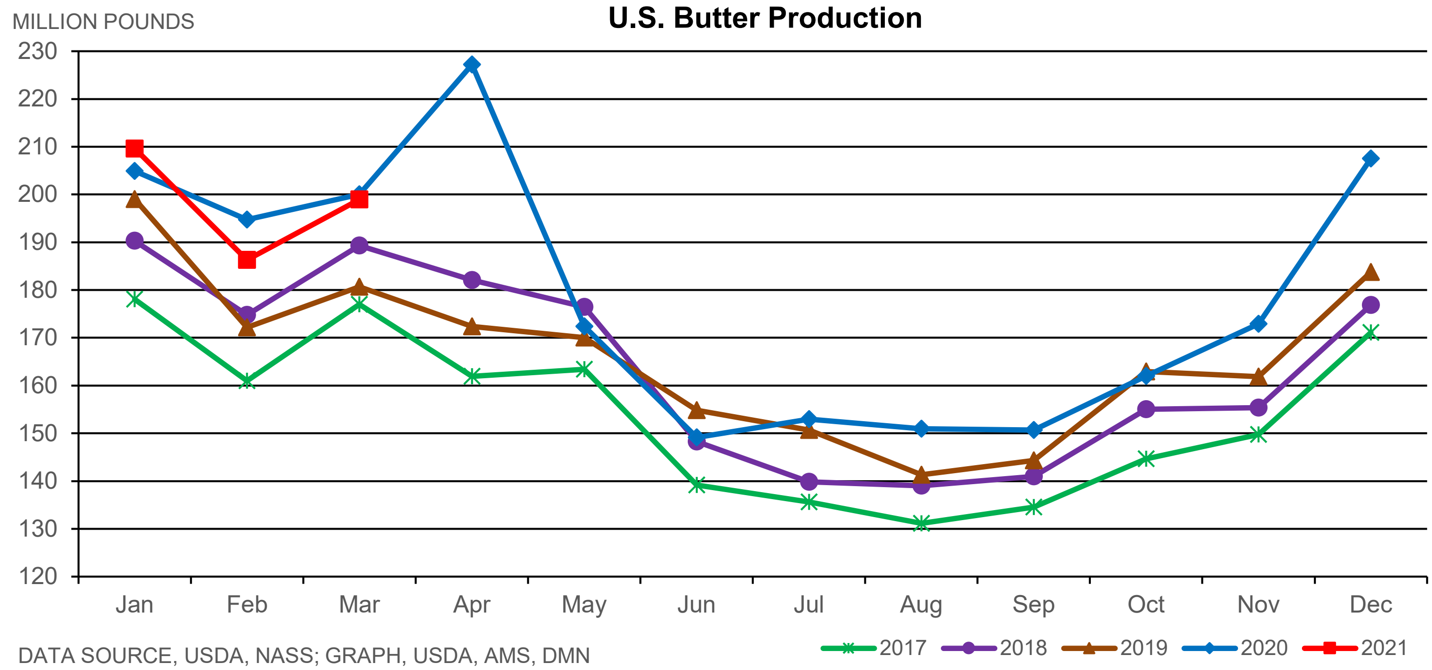
Federal Milk Order Minimum Class Prices for Milk of 3.5 Percent Butterfat [1, 2]

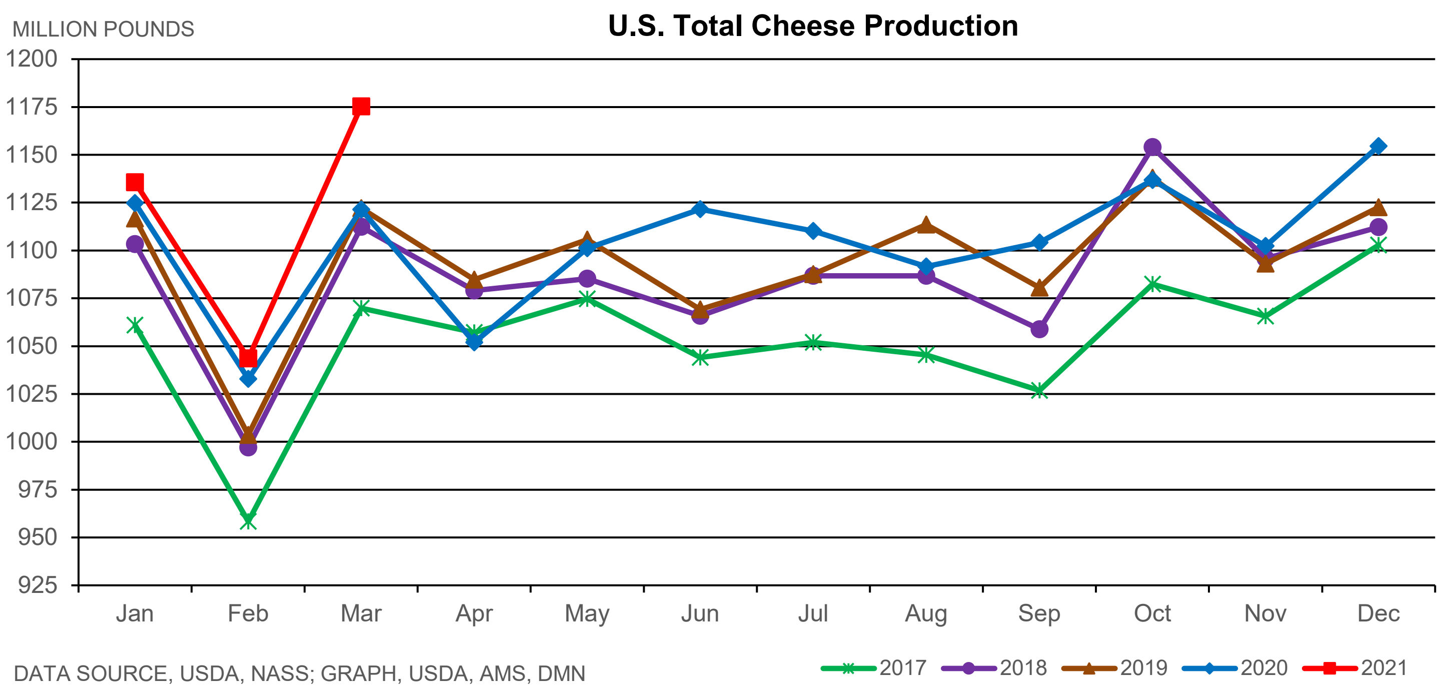
Federal Milk Order Marketing Area[3]	Order Number	Apr 2021				May 2021
		Class I	Class II	Class III	Class IV	Class I
		(dollars per cwt)				
Northeast (Boston)	001	18.76	15.56	17.67	15.42	20.35
Appalachian (Charlotte)	005	18.91	15.56	17.67	15.42	20.50
Florida (Tampa)	006	20.91	15.56	17.67	15.42	22.50
Southeast (Atlanta)	007	19.31	15.56	17.67	15.42	20.90
Upper Midwest (Chicago)	030	17.31	15.56	17.67	15.42	18.90
Central (Kansas City)	032	17.51	15.56	17.67	15.42	19.10
Mideast (Cleveland)	033	17.51	15.56	17.67	15.42	19.10
California (Los Angeles)	051	17.61	15.56	17.67	15.42	19.20
Pacific Northwest (Seattle)	124	17.41	15.56	17.67	15.42	19.00
Southwest (Dallas)	126	18.51	15.56	17.67	15.42	20.10
Arizona (Phoenix)	131	17.86	15.56	17.67	15.42	19.45
All-Market Average		18.33	15.56	17.67	15.42	19.92

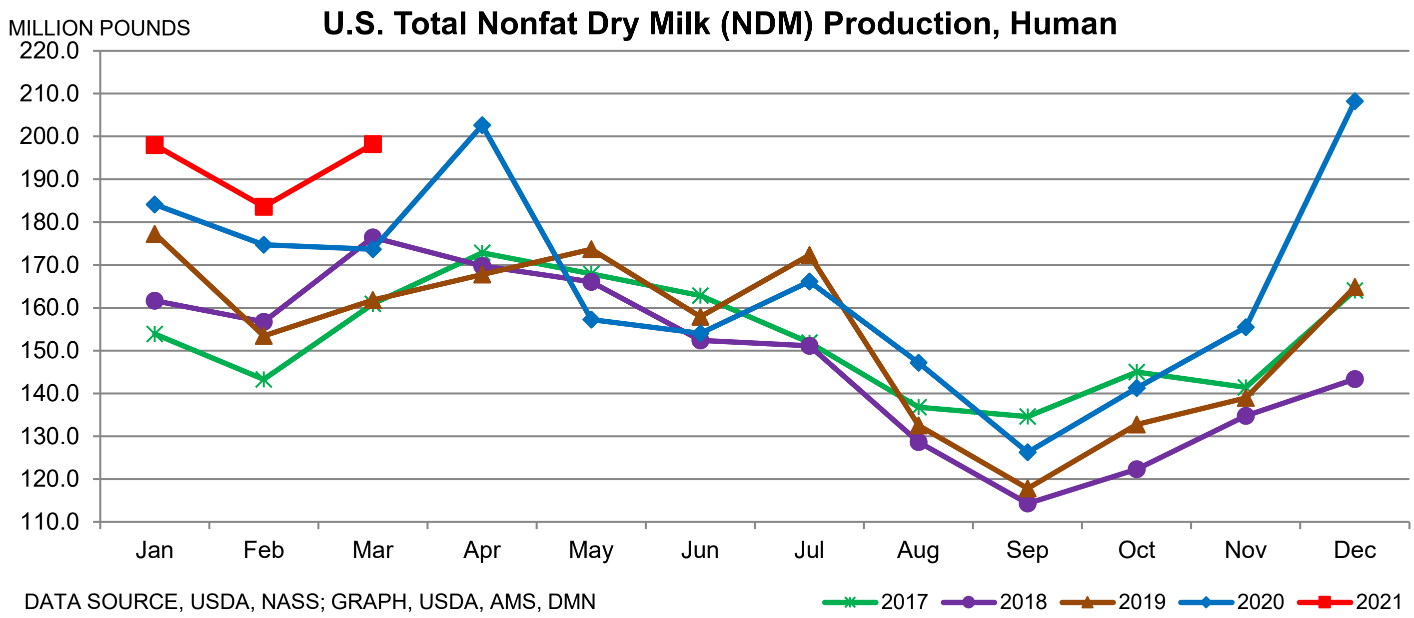
[1] To convert the Class I price per 100 pounds to the Class I price per gallon, divide by 11.63 - the approximate number of gallons in 100 pounds of milk. [2] The mandatory $0.20 per cwt processor assessment under the Fluid Milk Promotion Order is not included in the Class I prices shown on this table. [3] Names in parentheses are the major city in the principal pricing point of the markets. Class I prices at other cities are: Northeast (Boston): New York City, minus $0.10; Philadelphia, minus $0.20; Baltimore, minus $0.25, and Washington, DC, minus $0.25; Appalachian (Charlotte): Knoxville, minus $0.20; and Louisville, minus $1.10; Florida (Tampa): Orlando, same; Miami, plus $0.60; and Jacksonville, minus $0.40; Southeast (Atlanta): New Orleans, same; Memphis, minus $0.90; Nashville, minus $0.90; and Springfield, MO, minus $1.40; Upper Midwest (Chicago): Milwaukee, minus $0.05; and Minneapolis, minus $0.10; Central (Kansas City): Des Moines, minus $0.20; Omaha, minus $0.15; Oklahoma City, plus $0.60; St. Louis, same; and Denver, plus $0.55; Mideast (Cleveland): Indianapolis, same; Cincinnati, plus $0.20; Pittsburgh, plus $0.10; and Detroit, minus $0.20; California (Los Angeles); San Francisco, minus $0.30; Sacramento, minus $0.40; Tulare, minus $0.50. Pacific Northwest (Seattle): Portland, same; and Spokane, same; Southwest (Dallas): Houston, plus $0.60; San Antonio, plus $0.45; Albuquerque, minus $0.65; and El Paso, minus $0.75. Report Contact: Randal Stoker, randal.stoker@usda.gov

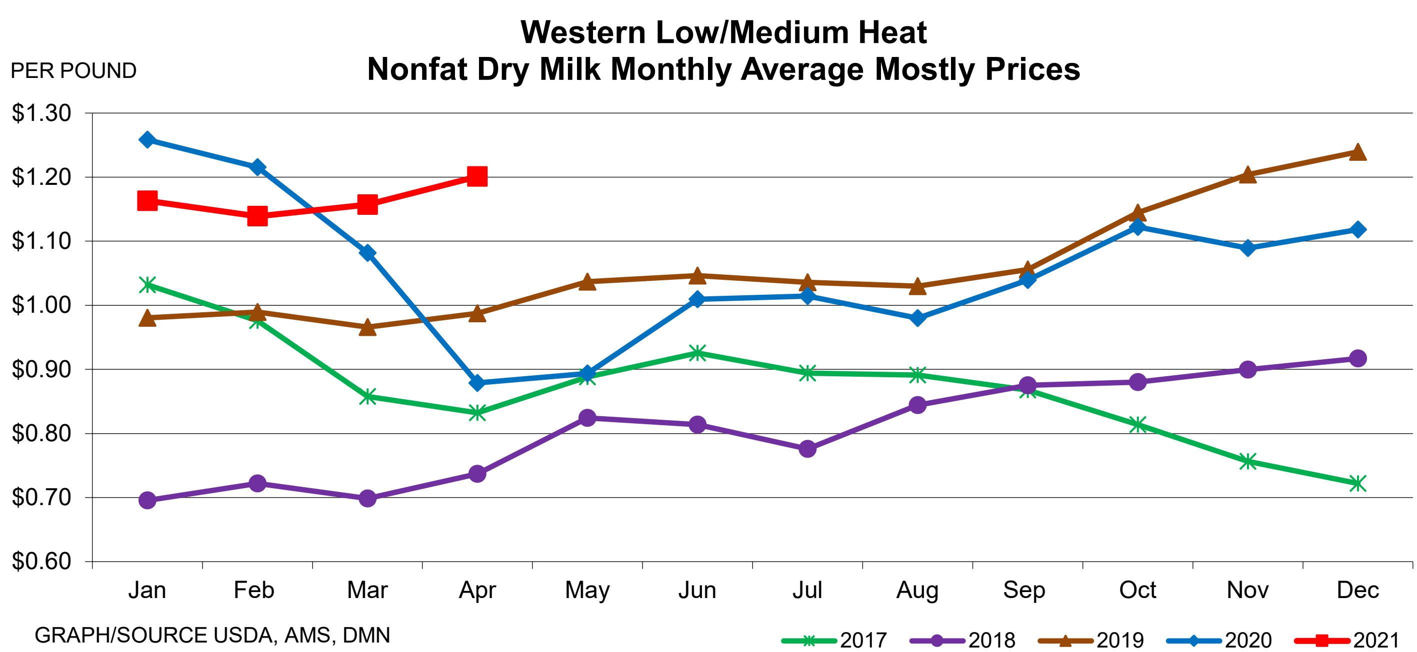

PER CWT
Class III Milk Price at 3.5%Test
$24.50
$23.50
$22.50
$21.50
$20.50
$19.50
$18.50
$17.50
$16.50
$15.50
$14.50
$13.50
$12.50
$11.50
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
DATA SOURCE, USDA, AMS, MIB; GRAPH, USDA, AMS, DMN
2017
2018
2019
2020
2021

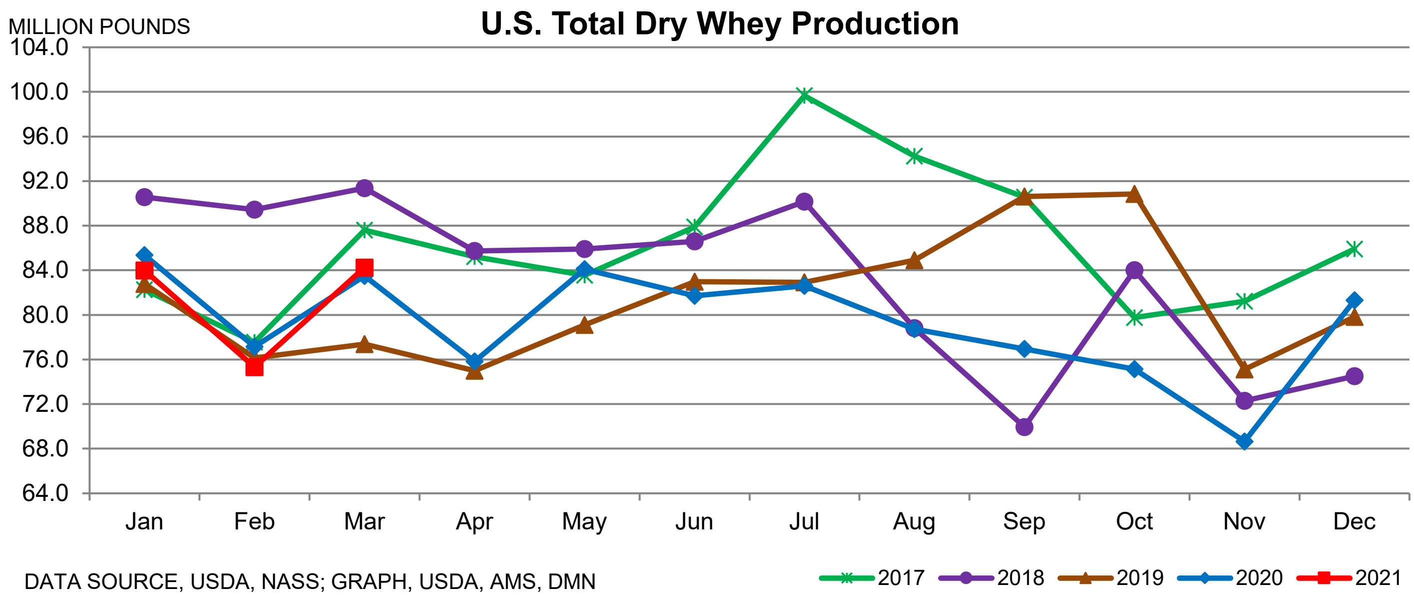

Milk-Feed Ratio VS U.S. Estimate Milk Cows
Milk-Feed Ratio
3.00
2.75
2.50
2.25
2.00
1.75
1.50
Milk Cows (1000 Head)
9500
9450
9400
9350
9300
9250
9200
Jul 2016
Nov 2016
Mar 2017
Jul 2017
Nov 2017
Mar 2018
Jul 2018
Nov 2018
Mar 2019
Jul 2019
Nov 2019
Mar 2020
Jul 2020
Nov 2020
Mar 2021
Milk Cows
Milk Feed Ratio

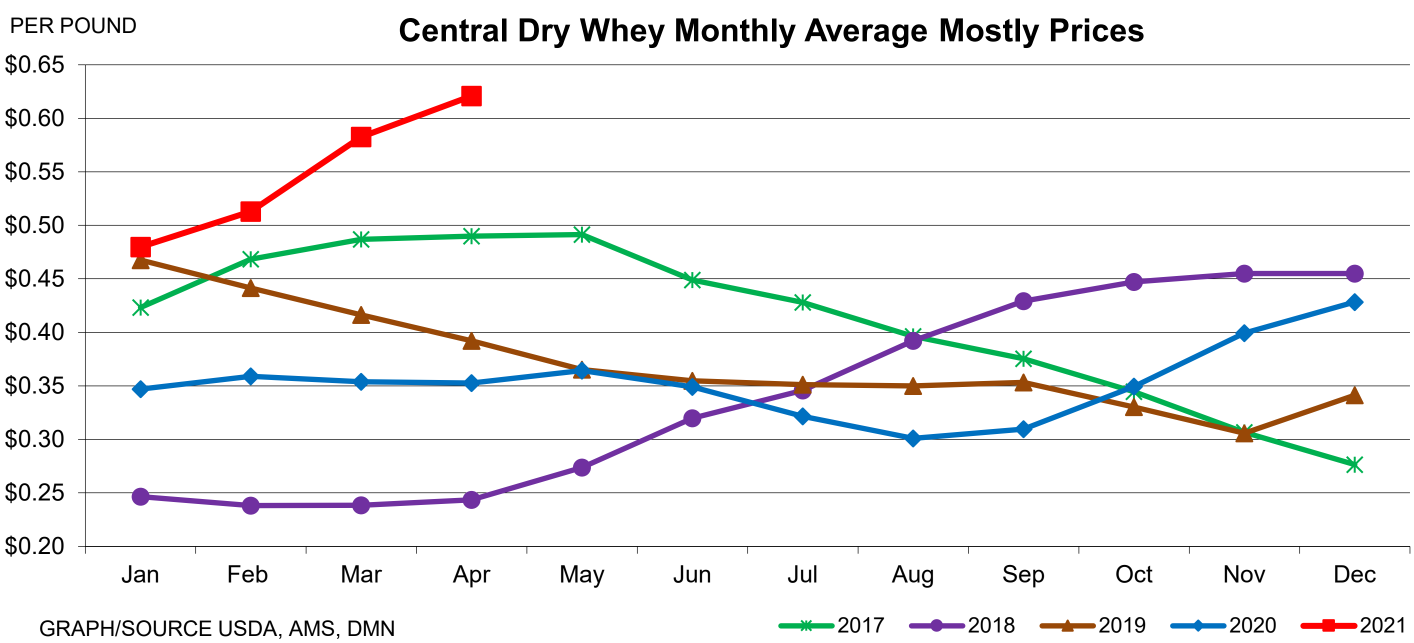

MILLION POUNDS
U.S. Butter Production
230
220
210
200
190
180
170
160
150
140
130
120
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
DATA SOURCE, USDA, NASS; GRAPH, USDA, AMS, DMN
2017 2018 2019 2020 2021


MILLION POUNDS
U.S. Total Cheese Production
1200
1175
1150
1125
1100
1075
1050
1025
1000
975
950
925
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
DATA SOURCE, USDA, NASS; GRAPH, USDA, AMS, DMN
2017 2018 2019 2020 2021


MILLION POUNDS
U.S. Total Nonfat Dry Milk (NDM) Production, Human
220.0
210.0
200.0
190.0
180.0
170.0
160.0
150.0
140.0
130.0
120.0
110.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
DATA SOURCE, USDA, NASS; GRAPH, USDA, AMS, DMN
2017
2018
2019
2020
2021


Western Low/Medium Heat
Nonfat Dry Milk Monthly Average Mostly Prices
PER POUND
$1.30
$1.20
$1.10
$1.00
$0.90
$0.80
$0.70
$0.60
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
GRAPH/SOURCE USDA, AMS, DMN
2017
2018
2019
2020
2021


U.S. Total Dry Whey Production
MILLION POUNDS
104.0
100.0
96.0
92.0
88.0
84.0
80.0
76.0
72.0
68.0
64.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
DATA SOURCE, USDA, NASS; GRAPH, USDA, AMS, DMN
2017
2018
2019
2020
2021


Central Dry Whey Monthly Average Mostly Prices
PER POUND
$0.65
$0.60
$0.55
$0.50
$0.45
$0.40
$0.35
$0.30
$0.25
$0.20
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
GRAPH/SOURCE USDA, AMS, DMN
2017
2018
2019
2020
2021

Agricultural
Marketing
Service

Dairy Market News Branch

National Retail Report-Dairy

Websites: http://www.marketnews.usda.gov/mnp/da-home **and** http://www.ams.usda.gov/mnreports/dybretail.pdf

Volume 88- Number 18 | Issued Weekly | Friday, May 7, 2021

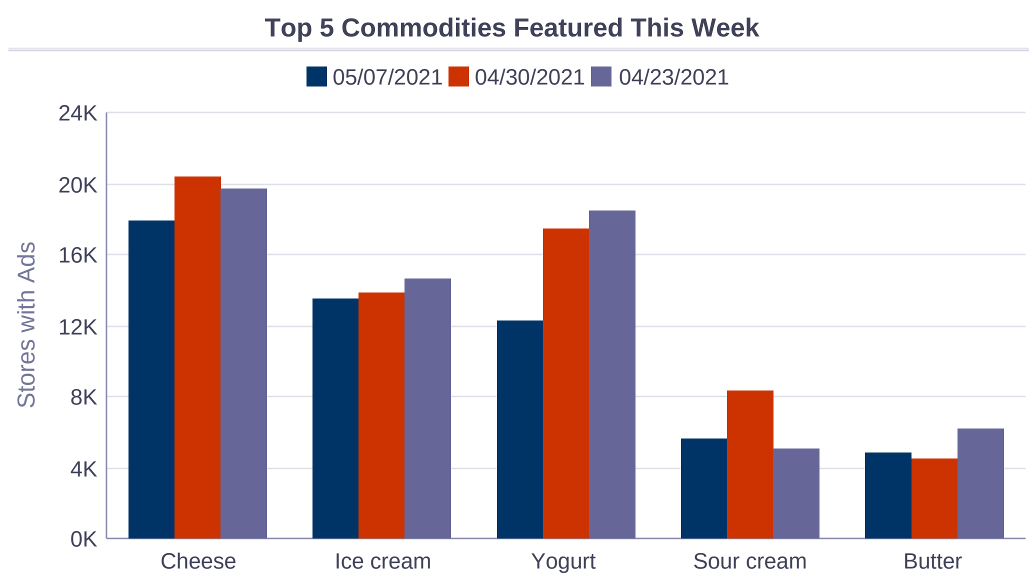
Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 05/07/2021 to 05/13/2021

Total dairy advertisement numbers decreased from last week. Conventional ads were 11 percent lower, while organic ad numbers shrunk by 32 percent. Conventional ice cream, in 48 to 64 ounce containers, was the most advertised dairy item, despite a two percent decline in ad numbers from week 17.

The weighted average price for conventional half gallon milk was $2.73, while organic half gallon milk held a weighted average price of $3.82, resulting in an organic premium of $1.09. Bottled conventional gallon milk held a weighted average price of $2.97, $.41 up from the previous week.

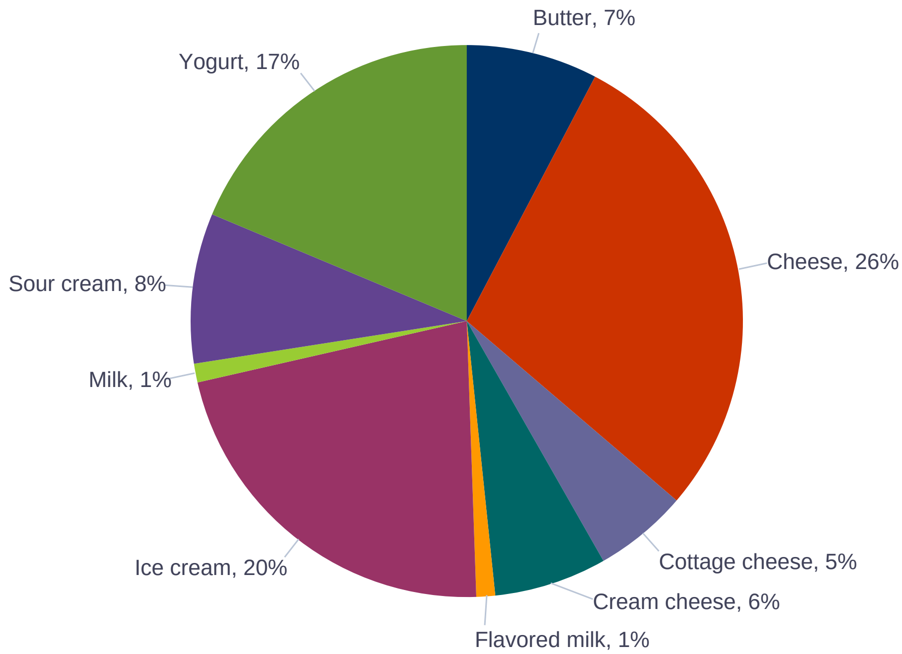
Total organic yogurt ad numbers decreased 63 percent this week, while conventional yogurt ad numbers decreased 26 percent. Conventional 32 ounce Greek yogurt ad numbers slipped 22 percent week to week. The weighted average price for that item decreased from $4.45 last week to $3.98 during week 18.

Total conventional cheese advertisement numbers declined 13 percent. Conventional cheese in 8 ounce blocks have a weighted average price of $2.44, $.23 lower than last week. Conventional cheese in 8 ounce shreds held a weighted average price of $2.47, down $.07 from the previous week.

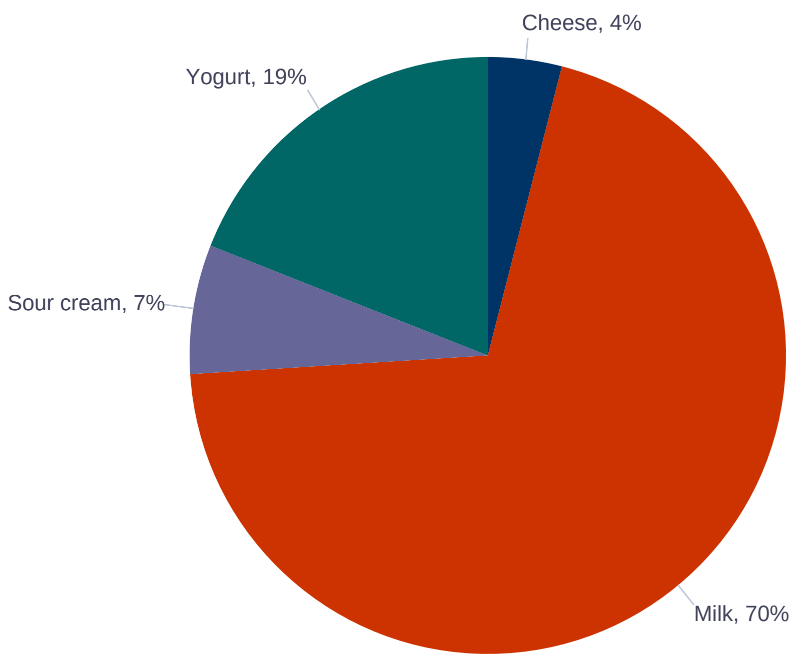


1 -- Dairy Market News surveys nearly 150 retailers, comprising over 23,000 individual stores, with online weekly advertised features.

Percentage of Total Conventional Ads by Commodity



Percentage of Total Organic Ads by Commodity



Wtd Avg - Simple weighted average

NATIONAL -- CONVENTIONAL DAIRY PRODUCTS

Commodity	Type	Pack Size	THIS PERIOD		LAST WEEK		LAST YEAR	
			Stores With Ads	Wtd Avg Price	Stores With Ads	Wtd Avg Price	Stores With Ads	Wtd Avg Price
Butter		1 #	4886	2.87	4482	3.37	1697	3.19
Cheese	Natural Varieties	8 oz block	5282	2.44	7606	2.67	5626	2.80
Cheese	Natural Varieties	1 # block	1379	4.29	753	4.33	1604	4.73
Cheese	Natural Varieties	2 # block	1483	5.86	924	6.25	1491	6.25
Cheese	Natural Varieties	8 oz shred	8903	2.47	11056	2.54	7373	2.86
Cheese	Natural Varieties	1 # shred	767	3.53	62	3.50	1289	4.38
Cottage cheese		16 oz	3389	2.00	5125	2.10	2570	2.05
Cream cheese		8 oz	4441	1.88	1861	1.82	1362	1.91
Flavored milk	All fat tests	half gallon	821	1.67	214	2.50	427	2.25
Flavored milk	All fat tests	gallon	120	2.99	249	3.99	285	3.88
Ice cream		48-64oz	13529	3.20	13830	3.23	7369	2.93
Milk	All fat tests	half gallon	545	2.73	659	2.19	1164	1.40
Milk	All fat tests	gallon	337	2.97	165	2.56	561	2.29
Sour cream		16 oz	5469	1.69	8345	1.84	3783	1.70
Yogurt	Greek	4-6 oz	6099	.96	6965	.97	5388	.96
Yogurt	Greek	32 oz	2514	3.98	3216	4.45	1197	3.96
Yogurt	Yogurt	4-6 oz	2105	.48	4805	.52	3742	.55
Yogurt	Yogurt	32 oz	952	2.66	871	3.06	511	2.79

REGIONAL -- CONVENTIONAL DAIRY PRODUCTS

Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.88-3.99	992	3.21	2.50-3.49	1254	2.82	2.29-3.49	897	2.74
Cheese	Natural Varieties	8 oz block	1.50-3.00	1934	2.33	2.00-3.00	1680	2.54	1.99-2.99	626	2.54
Cheese	Natural Varieties	1 # block	2.99-5.99	400	4.45	2.98-4.29	462	3.60	2.99	106	2.99
Cheese	Natural Varieties	2 # block							4.99	331	4.99
Cheese	Natural Varieties	8 oz shred	1.66-3.50	2528	2.22	1.88-3.49	3267	2.66	1.99-2.99	908	2.43
Cheese	Natural Varieties	1 # shred	2.99-3.79	247	3.35	2.98-4.29	248	3.26	2.99	106	2.99
Cottage cheese		16 oz	1.79-2.50	1316	2.22	1.50-2.50	930	2.16	1.25-2.49	540	1.66
Cream cheese		8 oz	0.99-2.00	1455	1.59	1.25-3.00	786	2.20	1.79-1.99	655	1.97
Flavored milk	All fat tests	half gallon				1.66	114	1.66	1.66-1.67	497	1.66
Ice cream		48-64oz	1.99-3.99	2837	2.92	2.29-5.99	3354	3.47	2.29-4.99	3184	2.95
Milk	All fat tests	half gallon	1.99-2.50	293	2.12						
Sour cream		16 oz	0.99-2.00	2309	1.70	1.25-2.50	1015	1.72	1.25-2.39	1031	1.69
Yogurt	Greek	4-6 oz	0.59-1.00	2274	.92	0.80-1.00	1235	.96	1.00	393	1.00
Yogurt	Greek	32 oz	2.99-4.99	994	4.31				3.47	180	3.47
Yogurt	Yogurt	4-6 oz	0.32-0.60	840	.51	0.49-0.60	151	.53	0.30-0.60	466	.44
Yogurt	Yogurt	32 oz	2.50	118	2.50	2.49	64	2.49	2.50	69	2.50

Wtd Avg - Simple weighted average

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.49-4.49	386	3.18	1.87-2.50	811	2.28	2.49-3.50	524	3.26
Cheese	Natural Varieties	8 oz block	2.00-2.99	330	2.58	1.99-2.99	664	2.35			
Cheese	Natural Varieties	1 # block				4.99-6.49	306	5.66	3.99	105	3.99
Cheese	Natural Varieties	2 # block	4.99-5.99	199	5.60	4.99-6.99	873	6.23	5.99	69	5.99
Cheese	Natural Varieties	8 oz shred	2.00-2.99	719	2.64	1.99-2.99	1422	2.42			
Cheese	Natural Varieties	1 # shred							3.99-5.48	166	4.54
Cottage cheese		16 oz	2.50	72	2.50	1.25-1.67	451	1.47	0.99	69	.99
Cream cheese		8 oz	1.99	169	1.99	1.67-3.49	668	2.17	0.99-3.00	708	1.72
Flavored milk	All fat tests	half gallon				1.67	210	1.67			
Flavored milk	All fat tests	gallon				2.99	120	2.99			
Ice cream		48-64oz	2.29-5.98	1277	4.17	1.99-3.99	2349	2.83	2.88-3.89	427	3.58
Milk	All fat tests	half gallon				3.49	241	3.49			
Milk	All fat tests	gallon	2.99-3.99	232	3.42				1.99	105	1.99
Sour cream		16 oz	1.69-2.50	249	2.18	1.25-1.67	697	1.54	0.99-1.50	130	1.23
Yogurt	Greek	4-6 oz	0.89-1.25	642	1.00	0.99-1.00	974	1.00	0.88-1.00	581	.98
Yogurt	Greek	32 oz	3.49-4.99	448	4.37	3.99-4.99	446	4.44	2.19-2.99	419	2.44
Yogurt	Yogurt	4-6 oz	0.33-0.50	185	.45				0.33-0.50	463	.46
Yogurt	Yogurt	32 oz				2.49-2.99	629	2.68	3.00	61	3.00

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.99-3.00	22	3.00			
Cheese	Natural Varieties	8 oz block	2.50	21	2.50	2.99	27	2.99
Cheese	Natural Varieties	2 # block	6.99	11	6.99			
Cheese	Natural Varieties	8 oz shred	2.50-2.69	32	2.57	2.99	27	2.99
Cottage cheese		16 oz	1.50	11	1.50			
Ice cream		48-64oz	3.99-8.99	50	6.79	3.29-4.29	51	3.76
Milk	All fat tests	half gallon	2.69	11	2.69			
Sour cream		16 oz	1.50	11	1.50	1.67	27	1.67
Yogurt	Greek	32 oz				4.99	27	4.99
Yogurt	Yogurt	32 oz	2.99	11	2.99			

NATIONAL -- ORGANIC DAIRY PRODUCTS

Commodity	Type	Pack Size	THIS PERIOD		LAST WEEK		LAST YEAR	
			Stores With Ads	Wtd Avg Price	Stores With Ads	Wtd Avg Price	Stores With Ads	Wtd Avg Price

Wtd Avg - Simple weighted average

Cheese	Natural Varieties	8 oz block	121	3.69				
Cottage cheese		16 oz			214	4.29		
Cream cheese		8 oz			1112	2.00	214	2.50
Milk	All fat tests	half gallon	1844	3.82	1582	4.10	148	4.88
Milk	All fat tests	gallon	266	6.20			105	5.00
Sour cream		16 oz	214	2.49				
Yogurt	Greek	32 oz	349	6.38			214	3.00
Yogurt	Yogurt	32 oz	214	3.00	1541	3.25		

REGIONAL -- ORGANIC DAIRY PRODUCTS

Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	half gallon	3.99-4.49	414	4.18	2.98-3.99	496	3.59	2.99-4.98	581	4.06
Milk	All fat tests	gallon	6.99	161	6.99						
Sour cream		16 oz				2.49	214	2.49			
Yogurt	Greek	32 oz	6.99	135	6.99	5.99	214	5.99			
Yogurt	Yogurt	32 oz				3.00	214	3.00			

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Cheese	Natural Varieties	8 oz block	3.69	121	3.69						
Milk	All fat tests	half gallon	2.99-4.99	132	3.81	2.99	210	2.99			
Milk	All fat tests	gallon							5.00	105	5.00

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	half gallon	3.49	11	3.49			

REGIONAL DEFINITIONS

As used in this report, regions include the following states:

NORTHEAST U.S.	Connecticut, Delaware, Massachusetts, Maryland, Maine, New Hampshire, New jersey, New York, Pennsylvania, Rhode Island and Vermont
SOUTHEAST U.S.	Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia
MIDWEST U.S.	Iowa, Illinois, Indiana, Kentucky, Michigan, Minnesota, North Dakota, Nebraska, Ohio, South Dakota and Wisconsin
SOUTH CENTRAL U.S.	Arkansas, Colorado, Kansas, Louisiana, Missouri, New Mexico, Oklahoma, and Texas
SOUTHWEST U.S.	Arizona, California, Nevada and Utah

Wtd Avg - Simple weighted average

NORTHWEST U.S.	Idaho, Montana, Oregon, Washington, and Wyoming
ALASKA	Alaska
HAWAII	Hawaii
NATIONAL	Continental United States

Wtd Avg - Simple weighted average

Dairy Market News

United States Department of Agriculture

Agricultural Marketing Service | Dairy Programs | Market Information Branch
Volume 88, Report 18 | May 3 - 7, 2021

GENERAL NUMBER
(608) 422-8587

Elizabeth Frederick
(608) 422-8591
Elizabeth.Frederick@USDA.GOV

WEST
Mike Bandli
(608) 422-8592
Mike.Bandli@USDA.GOV

WEST
Roman Caraman
(608) 422-8593
Roman.Caraman@USDA.GOV

WEST
Chelsea Rochelle
(608) 422-8594
Chelsea.Rochelle@USDA.GOV

EAST/SOUTH AMERICA
Jessica Mueller
(608) 422-8589
Jessica.Mueller@USDA.GOV

ORGANIC/ EAST
Daniel Johnson
(608) 422-8605
Daniel.Johnson4@USDA.GOV

EUROPE/OCEANIA
Eric Graf
(608) 422-8590
Eric.Graf@USDA.GOV

CENTRAL
Israel Weber
(608) 422-8601
Israel.Weber@USDA.GOV

DEPUTY DIRECTOR, DAIRY MARKET NEWS
Janet Linder
(608) 422-8588
Janet.Linder@USDA.GOV

DIRECTOR, DAIRY MARKET NEWS
Butch Speth
(608) 422-8586
Butch.Speth@USDA.GOV

RECORDED INFORMATION SYSTEM
(608) 422-8602

FAX
(608) 240-6689

USDA, Dairy Market News
4600 American Parkway, STE 106
Madison, WI 53718-8334

Additional Dairy Market News Information:
DMN Website: https://www.ams.usda.gov/market-news/dairy
DMN MARS (My Market News): https://mymarketnews.ams.usda.gov/