

## DAIRY MARKET NEWS AT A GLANCE

### CME GROUP CASH MARKETS (4/5)

**BUTTER:** Grade AA closed at \$2.2700. The weekly average for Grade AA is \$2.2555 (-.0115).

**CHEESE:** Barrels closed at \$1.5750 and 40# blocks at \$1.6600. The weekly average for barrels is \$1.5790 (-.0100) and blocks, \$1.6540 (-.0305).

**NONFAT DRY MILK:** Grade A closed at \$.9875. The weekly average for Grade A is \$.9770 (+.0165).

**DRY WHEY:** Extra grade dry whey closed at \$0.3450. The weekly average for dry whey is \$.3390 (+.0165).

**BUTTER HIGHLIGHTS:** Demand for butter is described as robust in all regions of the country as the spring holidays and baking season are right around the corner. Cream supplies moving into churns are mixed as requests for butterfat, particularly from Class II, are becoming more frequent and stronger. Thus, butter output has backed up a little bit in some regions. Bulk inventories continue moving into cold storage for near future utilization. Bulk butter pricing varies among the regions: East, 5.0 cents to 8.0 cents over the market; Central, 5.0 cents to 7.0 cents above the market; West, 1.5 cents below market to 7.5 cents over the market, with various periods and averages used.

**CHEESE HIGHLIGHTS:** Cheese production is going strong as spring temperatures have begun to appear in all parts of the nation. Contacts are stating spring flush has begun in the West and South, and it is moving north. Milk, however, is still moving at Class prices in some cases, although reported discounts reached \$1.25 under Class as well. Western contacts report cheesemakers who are using condensed skim to fortify. Supplies, already long, are expected to grow. Demand is stable to picking up across the country. Undoubtedly, spring holidays and spring related outdoor activities are putting some upward pressure on cheese markets. All said, the cheese market tone has been relatively steady in recent weeks.

**FLUID MILK:** Spring flush is occurring in parts of the West and Southern Central regions. Upper Midwestern farmers are reporting milk yield increases month-over-month in 2019. Eastern area contacts report mixed production, varying by location. Class I demand is generally steady to solid. Many schools are returning from spring break, and some regional contacts note short-term bottling intakes have improved. Cheesemakers reported spot milk intakes from Class to \$1.25 under. Cream availability is stiffening up in many areas of the country, but still supplying most needs. Butter producers report fewer options on cream loads, as cream cheese and ice cream production are seasonally stronger. Crop conditions vary across the United States.

Areas along the rivers impacted by the floods are undergoing cleanup and planning for the spring planting season. Released March 29, 2019, The NASS *Prospective Planting* publication reported corn planted area for all purposes in 2019 is estimated at 92.8 million acres, up 4 percent or 3.66 million acres from last year. Compared with last year, planted acreage is expected to be up or unchanged in 34 of the 48 estimating States. F.O.B. cream multiples are **1.15-1.27** in the East, **1.18-1.26** in the Midwest, and **1.06-1.2350** in the West.

**DRY PRODUCTS:** Low/medium NDM prices are steady to a bit increased in parts of the United States. The demand is stable to weaker. Some Central buyers are hesitant to make purchases. However, in parts of the West, the demand is improving from bakers and the confectionary sector. Market conditions are steady to moderate. High heat NDM prices are mostly steady to a bit lower. Spot trading is steady to light. Market tone is steady to balanced. Dry buttermilk prices are steady to higher. Buyers' demands have improved in some areas of the U.S. At this time, buttermilk powder is showing more market strength than low/medium NDM. Dry whole milk prices are unchanged this trading period. Domestic demand is fair to good ahead of the spring festivities. Market conditions are stable. Dry whey prices are mostly unchanged. The Central's bottom of the mostly price range shifted lower this week. Interest is stable to lower in the country. Some buyers are backing off from trading to reanalyze the market. The tone is unsettled. Whey protein concentrate 34% prices are currently steady. Spot market activity varies by brand and market segments. Lactose prices are steady to higher. Market conditions are somewhat mixed and unsettled. There are reports the demand is keeping inventories fairly stable. Rennet and acid casein prices are heightened. At this time, many buyers are open to securing commitments.

**ORGANIC DAIRY MARKET NEWS:** The April 2019 farm gate organic milk pay price reported by a national organic dairy cooperator is \$29.24 per cwt., with a twelve-month average price of \$31.30, based on a 12.9 percent representation of total solids. Organic retail advertisement shows a hike in ads compared to the most recent retail survey report, a 70 percent change. Of all regions surveyed in the report, only the Northeast reported a drop, 15 percent, in organic ads. The weighted average price of organic butter increased \$1.12 from last week, as the holiday baking progresses. Organic milk in half gallon containers posted the largest volume of ads, over three times more than organic milk in the gallon package. In general, organic milk ads were up 84 percent, but yogurt ads declined 2 percent. The milk price spread

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### DAIRY MARKET NEWS PRICE SUMMARY FOR APRIL 1 - 5, 2019 PRICES (\$/LB) & CHANGES FROM PREVIOUS PUBLISHED PRICES

Commodity	Range	Mostly	Commodity	Range	Mostly	Commodity	Range	Mostly
<b>NDM</b>			<b>BUTTERMILK</b>			<b>LACTOSE</b>		
Central Low/Med. Heat	0.9300 0.9950	0.9600 0.9800	Central/East	0.9800 1.0500		Central/West	0.2250 0.4800	0.3100 0.4200
Change	0.0100 N.C.	N.C. N.C.	Change	0.0200 0.0100		Change	N.C. 0.0200	N.C. N.C.
Central High Heat	1.0500 1.1100		West	0.8800 0.9800	0.9500 0.9700	<b>WPC 34%</b>		
Change	N.C. -0.0050		Change	N.C. N.C.	N.C. N.C.	Central/West	0.7300 1.0600	0.8300 0.9750
West Low/Med. Heat	0.9150 1.0300	0.9600 0.9800	<b>WHEY</b>			Change	N.C. N.C.	N.C. N.C.
Change	0.0100 0.0300	0.0200 N.C.	Central	0.3125 0.4600	0.3500 0.4450	<b>CASEIN</b>		
West High Heat	1.0500 1.1400		Change	N.C. N.C.	-0.0200 N.C.	Rennet	2.8675 3.2925	
Change	N.C. N.C.		West	0.2575 0.4750	0.3300 0.4375	Change	0.1825 0.1750	
<b>DRY WHOLE MILK</b>			Change	N.C. N.C.	N.C. N.C.	Acid	3.0950 3.2300	
National	1.6000 1.6500		Northeast	0.3400 0.4475		Change	0.0350 0.0350	
Change	N.C. N.C.		Change	N.C. N.C.		<b>ANIMAL FEED WHEY</b>		
						Central	0.2700 0.3300	

DAIRY MARKET NEWS AT A GLANCE**-CONTINUED FROM PAGE 1-**

between organic and conventional half gallon milk represents an organic premium of \$2.17, down 61 cents from last week.

**NATIONAL RETAIL REPORT (DMN):** The most advertised product/category this week is conventional ice cream in 48-64 oz. containers. There are over four times more ads for organic half gallons than conventional half gallons this survey period. The weighted average price for 8 oz. block cheese is \$2.26, up 17 cents. Organic 8 oz. block cheese averages \$4.99, a \$2.73 organic price premium. The weighted average advertised price for conventional yogurt in 4 to 6 oz. containers is \$0.51, down 1 cent from last week.

**FEBRUARY 2019 DAIRY PRODUCTS HIGHLIGHTS (NASS):** Butter production was 165 million pounds, 2.9 percent below February 2018, and 12.9 percent below January 2019. American type cheese production totaled 394 million pounds, 0.9 percent below February 2018, and 10.4 percent below January 2019. Total cheese output (excluding cottage cheese) was 991 million pounds, 0.5 percent above February 2018, but 9.7 percent below January 2019. Nonfat dry milk production, for human food, totaled 154 million pounds, 2.6 percent below February 2018, and 11.0 percent below January 2019. Dry whey production, for human food, was 74 million pounds, 17.1 percent below February 2018, and 7.6 percent below January 2019. Ice cream, regular hard production totaled 51.1 million gallons, 7.7 percent below February 2018, and 4.5 percent below January 2019.

**MARCH CLASS AND COMPONENT PRICES (USDA, FMMO):** The following are the March 2019 class prices under the Federal milk order pricing system and changes from the previous month: Class II: \$16.61 (+\$0.48), Class III: \$15.04 (+\$1.15), and Class IV: \$15.71 (-\$0.15). Under the Federal milk order pricing system, the butterfat price for March 2019 is \$2.5461 per pound. Thus, the Class II butterfat price is \$2.5531 per pound. The protein and other solids prices for March 2019 are \$1.6303 and \$0.2200 per pound, respectively. These component prices set the Class III skim milk price at \$6.35 per cwt. The March 2019 Class IV skim milk price is \$7.05, which is derived from the nonfat solids price of \$0.7832 per pound. The product price averages for March 2019 are: butter: \$2.2740, nonfat dry milk: \$0.9589, cheese: \$1.5383 and dry whey: \$0.4127.

**DECEMBER MAILBOX PRICES (USDA, FMMO, CDFA):** In December 2018, mailbox milk prices for selected reporting areas in Federal milk orders averaged \$16.01 per cwt, down \$0.56 from the November 2018 average, but up \$0.67 from the December 2017 average. When compared to the previous month, the December mailbox prices decreased in all 19 Federal milk order reporting. Decreases from the previous month ranged from \$0.23 per cwt in the New England States region to \$1.14 per cwt in the Southern Missouri reporting area, averaging \$0.58 per cwt over all Federal milk order reporting areas. Mailbox prices in December 2018 ranged from \$13.69 in New Mexico to \$17.90 in Florida. The component tests of producer milk in December 2018 were: butterfat, 4.03%; protein, 3.25%; and other solids, 5.75%. Mailbox statistics do not yet include the new California Order

**NOTICE -USDA CLARIFIES EFFECTIVE DATE OF CLASS I SKIM MILK PRICE FORMULA:** The U.S. Department of Agriculture (USDA) today published in the Federal Register a clarification and a correction to a final rule published on March 11, 2019, and effective May 1, 2019, announcing an amendment to the Class I skim milk price formula in accordance with the Agriculture Improvement Act of 2018 (2018 Farm Bill). The notice clarifies that the final rule amending the Class I skim milk price formula will apply to milk pooled on and after May 1, 2019. The amended price formula will be reflected in the May Advanced Class I skim milk price to be announced April 17, 2019. The notice also includes a rounding instruction in the price calculation. The Federal Register notice is available at:

<https://www.federalregister.gov/documents/2019/04/02/2019-06335/federal-milk-marketing-orders-amending-the-class-i-skim-milk-price-formula-correction>

COMMODITY	MONDAY APR 1	TUESDAY APR 2	WEDNESDAY APR 3	THURSDAY APR 4	FRIDAY APR 5	::	WEEKLY CHANGE	::	WEEKLY AVERAGE
CHEESE									
BARRELS	\$1.5900 (-0.0125)	\$1.5900 (N.C.)	\$1.5700 (-0.0200)	\$1.5700 (N.C.)	\$1.5750 (+0.0050)	::	(-0.0275)	::	\$1.5790 (-0.0100)
40 POUND BLOCKS	\$1.6400 (-0.0050)	\$1.6500 (+0.0100)	\$1.6600 (+0.0100)	\$1.6600 (N.C.)	\$1.6600 (N.C.)	::	(+0.0150)	::	\$1.6540 (-0.0305)
NONFAT DRY MILK									
GRADE A	\$0.9600 (-0.0025)	\$0.9750 (+0.0150)	\$0.9750 (N.C.)	\$0.9875 (+0.0125)	\$0.9875 (N.C.)	::	(+0.0250)	::	\$0.9770 (+0.0165)
BUTTER									
GRADE AA	\$2.2500 (-0.0050)	\$2.2500 (N.C.)	\$2.2525 (+0.0025)	\$2.2550 (+0.0025)	\$2.2700 (+0.0150)	::	(+0.0150)	::	\$2.2555 (-0.0115)
DRY WHEY									
EXTRA GRADE	\$0.3300 (+0.0075)	\$0.3325 (+0.0025)	\$0.3450 (+0.0125)	\$0.3425 (-0.0025)	\$0.3450 (+0.0025)	::	(+0.0225)	::	\$0.3390 (+0.0165)

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](http://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](http://www.cmegroup.com/trading/agricultural/spot-call-data.html)

## BUTTER MARKETS

### NORTHEAST

Northeast butter suggests a transiting marketplace, ahead of the latest GDT report of an upward shift in prices. Meanwhile, behind increases in Class II cream utilization, manufacturers' churning rates are moving to more moderate levels. Sources point out that balancing facilities are prioritizing their contracted cream requirements, as limited churning occurs. Retail outlets, in general, have concluded their holiday butter purchases. Overall, East butter advertisements moved south of the previous week's volumes. Bulk butter prices for domestic sales are reported 5-8 cent over the market based on the CME Group, and various time frames and averages. In general, the market tone is mixed, as butter eludes an established trend this week. The CME Group March 2019 monthly average price for Grade AA butter, \$2.2773, is up from the February 2019 monthly average of \$2.2659. One year ago, the CME Group monthly average was \$2.2011.

Prices for: Eastern U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter  
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0500 - +0.0800

Prices for: Central U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter  
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0500 - +0.0700

#### Secondary Sourced Information:

This week, a cooperative export assistance program accepted requests for 39,683 pounds of butter (18 metric tons). So far this year, the program has assisted member cooperatives who have contracts to sell 2.804 million pounds of butter (82% milkfat) in export markets.

The CME Group March 2019 monthly average price for AA butter, \$2.2773, is up from the February 2019 monthly average of \$2.2659. One year ago the CME Group monthly average was \$2.2011.

#### 2019 U.S. Butter and Milkfat Exports (USDA-FAS)

	2019 Exports (Million Lb.)	% Change From 1 Year Ago
January	5.1	...
Exports – Destination Country		
1 Canada	2.0	+ 10
2 Saudi Arabia	1.1	+137
3 Columbia	0.7	...
4 Mexico	0.3	- 67
5 South Korea	0.3	- 2

### CENTRAL

Regionally, butter plant managers suggest variances on cream access. Some report cream availability has tapered down noticeably, while others continue to report sufficient to plentiful amounts for the churns. Cream multiples moving into Class II and III production are coming in higher than in recent weeks. Naturally, production schedules vary, too. Some producers have pumped the brakes on schedules, while others continue to bolster their spring/fall inventories. Some Central butter contacts relay increasing their organic production, as they receive organic cream from outside the region. Butter demand is strong, ahead of the spring holidays. Butter markets remain interminably steady.

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### NATIONAL DAIRY PRODUCTS SALES REPORT

U.S. AVERAGES AND TOTAL POUNDS

WEEK ENDING	BUTTER	CHEESE 40# BLOCKS	CHEESE BARRELS 38% MOISTURE	DRY WHEY	NDM
03/30/2019	2.2956 3,150,773	1.5957 10,509,114	1.5029 11,385,590	.4020 5,871,738	.9515 28,005,546

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2019 U.S. Butter and Milkfat Imports (USDA-FAS)  
(Imports for Consumption)

	2019 Imports (Million Lb.)	% Change From 1 Year Ago
January Imports		
Total Butter, Fats, Milk (H.S. Code 0405)	7.1	+ 18
Butter		
Quota (H.S. Code 405101000)	0.4	- 62
Over Quota (H.S. Code 405102000)	4.4	+ 28
AMF		
Quota (H.S. Code 405901020)	0.2	- 45
Over Quota (H.S. Code 405902020)	1.9	+ 73
Other Milk Fat	0.3	+ 65

	2019 Imports (Million Lb.)	% Change From 1 Year Ago
Imports – Country of Origin		
1 Ireland	3.8	+ 9
2 Mexico	1.3	+23
3 Chile	0.7	...
4 France	0.3	- 57
5 United Kingdom	0.3	+1918

## WEST

Western butter demand is strong as spring baking and holidays are right around the corner. Interest in bulk butter is also considerable. Some end users see value in assuring coverage and placing a part of their future needs into warehouses. However, bulk butter prices are a bit mixed. A few industry contacts suggest there were some situational discounts available for bulk butter, while others say manufacturers had to increase premiums for butter overages. Butter makers are actively churning available cream. But a few industry contacts suggest cream has tightened greatly over the last couple weeks. Class II dairy processors seem to have started ramping up production and soaked up the extra loads of cream. Butter inventories are growing.

Prices for: Western U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter  
Bulk Basis Pricing - 80% Butterfat \$/LB: -0.0150 - +0.0750

## Secondary Sourced Information:

This week, a cooperative export assistance program accepted requests for 39,683 pounds of butter (18 metric tons). So far this year, the program has assisted member cooperatives who have contracts to sell 2.804 million pounds of butter (82% milkfat) in export markets.

When combined with cheese and whole milk powder, the program has assisted members with sales of 459.6 million pounds of milk on a milkfat basis.

The CME Group March 2019 monthly average price for AA butter, \$2.2773, is up from the February 2019 monthly average of \$2.2659. One year ago the CME Group monthly average was \$2.2011.

The Grade AA butter price at the CME Group on Wednesday closed at \$2.2525, compared to the weekly average price of \$2.2670 from last week.

## National Retail Report Dairy – Butter Summary

Advertised Prices at Major Retail Supermarket Outlets ending  
period of 3/29/2019 to 4/4/2019

Butter 1# National	Weighted Average Price		
	This Period	Last Week	Last Year
Organic	\$5.37	\$5.29	\$4.77
Conventional	\$3.34	\$3.57	\$2.74

Regional (Conventional)	Prices This Period		
	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	\$3.69	\$3.69	\$3.69
Midwest	\$3.68	\$3.68	\$3.68
Northeast	\$3.51	\$2.99	\$4.49
Northwest	\$2.99	\$2.99	\$2.99
South Central	\$2.31	\$1.99	\$2.99
Southeast	n.a.	n.a.	n.a.
Southwest	\$3.31	\$2.99	\$3.50

Regional (Organic)	Prices This Period		
	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	\$5.49	\$5.49	\$5.49
Northeast	\$4.79	\$4.79	\$4.79
Northwest	n.a.	n.a.	n.a.
South Central	n.a.	n.a.	n.a.
Southeast	\$5.49	\$5.49	\$5.49
Southwest	n.a.	n.a.	n.a.

## Dairy Products Report – Butter Summary

Released April 3, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Butter Production – States and United States: February 2018 and 2019

Region	Monthly Production (1000 pounds)		Percent Change from		
	Feb. 2018	Jan. 2019	Feb. 2019	Feb. 2018	Jan. 2019
United States	170,116	189,642	165,220	-2.9	-12.9
Atlantic	18,513	20,908	17,604	-4.9	-15.8
Pennsylvania	8,506	8,842	7,310	-14.1	-17.3
Central	73,362	82,889	69,837	-4.8	-15.7
West	78,241	85,845	77,779	-0.6	-9.4
California	51,769	52,754	48,445	-6.4	-8.2

## Butter Production – Cumulative Production January - February

Report Month	Cumulative Production (1000 pounds)		Percent Change from
	2018	2019	2018
February	352,204	354,862	0.8



## CHEESE MARKETS

## NORTHEAST

Northeast milk production is seasonally coming up, and the weather in some areas is getting pleasantly warmer. Cheese production is strong currently. Available milk loads are keeping Class III intakes fairly full. Cheddar and Italian supplies are balanced to growing at a steady rate. Manufacturers are putting finishing touches to their customers' spring holiday commitments. Domestic cheese demand is positively stable as pizzerias currently have solid, regular orders and grilling season is approaching. Spot market trading is stable currently. Cheddar cheese spot prices are steady to increasing on various pricing indices. The DMN Northeast March 2019 monthly average price for cheddar blocks is \$2.1705, compared to \$2.1133 one month ago. Processed 5# sliced average price is \$1.8208, compared to \$1.7176 one month ago. Northeast wholesale cheese prices for cheddar and Muenster shifted higher by \$0.1100, additionally, the process cheese prices increased by \$0.0525. The Grade A Swiss price is unchanged at this time.

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

Cheddar 40 pound Block	2.1425-2.4275
Muenster	2.1275-2.4775
Process American 5 pound Sliced	1.7200-2.2000
Swiss 10-14 pound Cuts	2.9825-3.3050

## Secondary Sourced Information:

The CME Group March 2019 monthly average price for barrels was \$1.4910, compared to \$1.3867 a month ago; blocks' average price was \$1.5908, up from \$1.5589 a month ago. This week, a cooperative export assistance program accepted requests for export assistance to sell 575,407 pounds (261 metric tons) of cheese.

## MIDWEST

Cheesemakers say demand is edging up due to seasonal shifts, along with some aid from the upcoming holidays. Some have said winter buying was particularly dismal in recent months. Winter weather in the Midwest and Northeast has been far from complementary to retail/restaurant cheese buying. Spot milk market activity was somewhat quiet this week. Reported spot loads ranged from Class to \$1.25 under Class. Cheese production reports range from steady to increasing, meeting newly increasing demand needs. There is plenty of cheese in the country, but a number of Midwestern contacts suggest their inventories have been held in check with lower production during fall and winter. Although some minor stumbles have kept cheese markets in check, cheese contacts view the current state of the cheese markets with a somewhat bullish lens. Midwestern wholesale prices are unchanged for Swiss cuts, up \$.0525 for process and up \$.1100 for all other types.

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

Blue 5 pounds	2.3175-3.3875
Brick 5 pounds	2.0500-2.4750
Cheddar 40 pound Block	1.7725-2.1725
Monterey Jack 10 pounds	2.0250-2.2300
Mozzarella 5-6 pounds	1.8500-2.7900
Muenster 5 pounds	2.0500-2.4750
Process American 5 pound Loaf	1.6750-2.0350
Swiss 6-9 pound Cuts	2.4975-2.6150

## WEST

In the West, cheese offers are abundant as manufacturers have a lot in stocks. The processing of cheese is stable to increasing due to strong milk output. However, it seems like there have been some shifts in the types of cheese produced. A few manufacturers are also refraining from making too much cheese as they try to control their supplies. Some cheese plants are using more condensed skim for fortification purpose. Export and domestic sales are a bit higher. Industry contacts say that in some parts of the West, spot block orders are stronger this week as buyers try to take advantage of the market. Barrel cheese demand is active. Wholesale prices are up \$.0525 for process, and up \$.1100 for cheddar block, cuts and Monterey Jack. Swiss cut wholesale prices are unchanged from the previous week.

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

Cheddar 10 pound Cuts	1.9900-2.2100
Cheddar 40 pound Block	1.8100-2.2525
Monterey Jack 10 pounds	2.0000-2.1600
Process American 5 pound Loaf	1.6625-1.9175
Swiss 6-9 pound Cuts	2.5800-3.0100

## FOREIGN TYPE

In Germany, cheese demand from retailers and large consumers is extensive and in line with the expectations of processors. Requests for cheese within and outside the European Union are strong. At the start of the year, cheese export sales shifted up; however, they declined a bit in February. On average, in Germany, cheese inventories and orders are in good balance. Nevertheless, there are very limited loads available for spot sales. Production remains active, but not enough for a big increase in supplies. Prices have developed unevenly in Q1 and the same condition persists currently. In the U.S., the prices for wholesale blue, gorgonzola, parmesan Italy, and Romano increased \$.1100. All other prices remain unchanged from the previous week.

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

VARIETY	NEW YORK	
	IMPORTED	DOMESTIC
Blue	2.6400-5.2300	2.1950-3.6825*
Gorgonzola	3.6900-5.7400	2.7025-3.4200*
Parmesan	-0-	3.5850-5.6750*
Romano	-0-	3.3850-5.5400*
Sardo Romano (Argentina)	2.8500-4.7800	-0-
Reggianito (Argentina)	3.2900-4.7800	-0-
Jarlsberg	2.9500-6.4500	-0-
Swiss	-0-	3.0200-3.3425
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	
04/01/2019	38360	:	93362	:
04/01/2019	38360	:	93361	:
CHANGE	0	:	1	:
% CHANGE	0	:	0	:

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## CHEESE MARKETS

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## National Retail Report Dairy – Cheese Summary

Advertised Prices at Major Retail Supermarket Outlets ending during the period of 3/29/2019 to 4/4/2019

Cheese 8 oz. Blocks	Weighted Average Price		
	This Period	Last Week	Last Year
National			
Organic	n.a.	n.a.	n.a.
Conventional	\$2.09	\$2.33	\$2.02
Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	\$1.99	\$1.99	\$1.99
Hawaii	n.a.	n.a.	n.a.
Midwest	\$1.91	\$1.88	\$2.00
Northeast	\$2.28	\$1.77	\$2.99
Northwest	\$2.04	\$1.50	\$2.99
South Central	\$2.00	\$1.67	\$2.50
Southeast	\$2.45	\$1.88	\$2.99
Southwest	\$2.05	\$1.49	\$2.50

Cheese 8 oz. Shred	Weighted Average Price		
	This Period	Last Week	Last Year
National			
Organic	n.a.	n.a.	\$3.00
Conventional	\$2.14	\$2.22	\$2.06
Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	\$1.99	\$1.99	\$1.99
Hawaii	n.a.	n.a.	n.a.
Midwest	\$2.10	\$1.67	\$2.50
Northeast	\$2.19	\$1.77	\$3.49
Northwest	\$1.93	\$1.50	\$2.22
South Central	\$2.02	\$1.67	\$3.49
Southeast	\$2.50	\$1.88	\$3.00
Southwest	\$2.08	\$1.49	\$2.50

2019 U.S. Cheese and Curd Imports (USDA-FAS)  
(Imports for Consumption)

	2019 Imports (Million Lb.)	% Change From 1 Year Ago
January Imports		
TOTAL Cheese and Curd (H.S. Code 0406)	27.7	- 10
Cheese, Except Fresh (H.S. Code 040690)	24.2	- 12
Fresh Cheese (H.S. Code 040610)	1.1	- 27
Cheese, Processed (H.S. Code 040630)	1.5	+82
Cheese, Blue-Veined (H.S. Code 040640)	0.8	- 20

Imports - Country of Origin	2019 Imports (Million Lb.)	% Change From 1 Year Ago
1 Italy	5.2	- 12
2 France	3.5	...
3 Netherlands	2.2	+ 65
4 Spain	1.7	+ 8
5 Switzerland	1.5	- 15

## 2019 U.S. Cheese and Curd Exports (USDA-FAS)

	2019 Exports (Million Lb.)	% Change From 1 Year Ago
January	61.5	+ 3
Exports – Destination Country		
1 Mexico	15.6	- 20
2 South Korea	10.6	+29
3 Japan	5.7	- 2
4 Australia	4.9	+14
5 Guatemala	2.4	+76

## Dairy Products Report – Cheese Summary

Released April 3, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Cheese Production – United States: February 2018 and 2019

Total Cheese <sup>1</sup>	Monthly Production (1000 pounds)		Percent Change from	
	Feb. 2018	Jan. 2019	Feb. 2019	Jan. 2019
Region				
United States	985,969	1,098,353	991,369	0.5
Atlantic	122,510	138,079	117,574	-4.0
Central	452,101	490,982	449,976	-0.5
West	411,358	469,292	423,819	3.0

American Cheese <sup>2</sup>	Monthly Production (1000 pounds)		Percent Change from	
	Feb. 2018	Jan. 2019	Feb. 2019	Jan. 2019
Region				
United States	397,364	439,283	393,606	-0.9
Atlantic	25,929	29,792	25,569	-1.4
Central	197,092	216,554	197,447	0.2
West	174,343	192,937	170,590	-2.2

Italian Cheese	Monthly Production (1000 pounds)		Percent Change from	
	Feb. 2018	Jan. 2019	Feb. 2019	Jan. 2019
Region				
United States	426,472	480,134	440,459	3.3
Atlantic	54,430	60,000	53,211	-2.2
Central	175,853	189,475	175,763	-0.1
West	196,189	230,659	211,485	7.8

## Cheese Production – Cumulative Production January - February

Cheese Type	Cumulative Production (1000 pounds)		Percent Change from
	2018	2019	2018
Total cheese <sup>1</sup>	2,082,489	2,089,722	0.3
American Cheese <sup>2</sup>	831,034	832,889	0.2
Italian Cheese	900,820	920,593	2.2

1/ Excludes cottage cheese.

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

## EAST

**Northeast** milk production is moving up on some farms, but slightly lower on other farms in the region. Temperatures are rising and having an effect on cow comfort. Class I sales have increased this week. Class III operations are at or near plant capacity. Some balancing operations are receiving lower milk loads currently. There is some evidence the spring flush is anticipated to arrive earlier this year than in 2018. **Mid-Atlantic** milk output is steady this week. Operations are receiving milk loads, yet plants are not at capacity. **Southeast** milk production is slightly up. Weather conditions are pleasantly improving in parts of the area. Class I sales are steady to higher. Some manufacturers are below capacity. Some milk loads from other parts of the United States are being transported into the Southeast for processing needs. **Florida** milk output is fairly steady compared to recent weeks. Class I sales have increased. Many educational institutions are back in session. Cream demand is steady to improving. There are available cream loads in the region. **Cream** cheese production is strong currently. Additionally, butter churns are running on stable to active schedules. Cream multiples range 1.15-1.28. Condensed skim market conditions are fairly stable. Market participants are seeing increased trading activities. Some manufacturers report tighter **condensed skim** supplies at this time. The DMN March average for Northeast Class II cream was \$2.6702, compared to \$2.5644 a month ago. The DMN March monthly average for Northeast Class II condensed skim was \$0.7679, compared to \$0.7342 a month ago.

Northeastern U.S., F.O.B. Condensed Skim	
Price Range - Class II; \$/LB Solids:	0.75 - 0.90
Price Range - Class III; \$/LB Solids:	0.65 - 0.75

Northeastern U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.1500 - 1.2700
Price Range - Class II; \$/LB Butterfat:	2.6071 - 2.8791

## MIDWEST

Spring flush has already begun in the **Southern Central** area, while **upper Midwestern** farmers are reporting milk yield percentages have been higher month over month, in each month of 2019. Small to mid-sized dairy farmers report this trifecta of factors are pushing their counterparts out of business at a rapid clip: sub-\$16 Class prices, low cull cow prices and high feed costs. Flood-affected farmers from the late March disasters are undoubtedly facing extreme hardships, namely livestock and feed/hay loss. Bottling this week was steady, yet underwhelming. Again, contacts suggest more sales focus is being put on dairy products such as cheese, butter and powders as bottled milk demand continues to decrease nationwide. Alternative plant-based beverage markets and lessening bottled milk purchases are putting a crunch on bottlers in the region and throughout the rest of the country. Cheesemakers continue to find spot milk discounts in most areas. The reported spot milk load price range was \$1.25 under to Class III. **Cream** prices are firming somewhat, as cream cheese producers continue to produce ahead of spring holidays and ice cream makers have begun to enter the fray. Butter production is mixed, as some butter producers reported clearing some organic cream from other regions to add to their organic butter inventories. Cleanup and planning for this planting season, for those able, are being reported regularly. Warming temperatures in the upper Midwest forecast this weekend and early next week are giving some farmers hope they will be able to get into the fields and begin planting/preparation. South Central farm reports are generally positive, as winter wheat is greening up. Winter wheat yield expectations are strong, but price expectations are in flux.

The DMN monthly average of the range price series for Upper Midwest Class II cream during March 2019 was \$2.7342, compared to \$2.6582 in February.

Midwestern U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.1800 - 1.2600
Price Range - Class II; \$/LB Butterfat:	2.7204 - 2.8564
Multiples Range - Class II:	1.2000 - 1.2600

## WEST

In **California**, farm milk production has been so far strong this spring. This week, outputs are mostly steady to up. There remains a good balance between supplies and orders of milk. Class I sales are a bit higher. Manufacturing facilities are running at full schedules. Some are even running seven day shifts according to industry players. Fluid milk requests are steady in **Arizona**. Milk yield is higher with the spring flush. Weather conditions remain favorable for cows' welfare and improved milk productivity. Handlers are preparing for the peak of the spring flush, but do not foresee anything they haven't seen in the past. Currently, intakes into Class IV are consistent with scheduled plans. There are a few maintenance/repair workloads that are disrupting normal schedules, but all the milk is being handled as soon as possible. In **New Mexico**, milk production increased substantially throughout the week. Processing plant intakes are good, and they are able to absorb most of the supplies of milk. Nonetheless, holdovers were a bit up as repair and maintenance take place and slow down processing schedules a bit at some localities. Class I orders are down while Class II and III demands are trending up. **Pacific Northwest** milk production is increasing, but not quite as much as expected for the time of year. Class I demand is solid. Milk intakes are in good balance with processing needs and manufacturers have plenty of milk to run through their facilities. Wet weather is eliminating some of the pockets of lingering dryness and farmers expect plenty of water for spring irrigation needs. Milk production in the mountain states of **Idaho, Utah and Colorado** is strong. Production is slowly increasing as the weather turns to spring. Intakes are in good balance with processing needs. Some industry contacts say manufacturers taking in a few extra loads of milk and some added processing capacity have helped reduce the number of excess loads getting pushed across the region. Farmers indicate they do not have many water concerns going into the spring planting season. Western **condensed skim** is available to whomever wants to buy it. Intakes into Class IV are steady, but a few more loads are moving to cheese vats. Some condensed skim is moving among western states. **Cream** cheese production is picking up. Churns are actively being run. However, cream supplies are starting to tight up. Aside from a few processors who couldn't find the volume of cream they needed, cream loads are enough to fill most needs. However, prices are firm and increasing. Cream multipliers for all usages are 1.0600-1.2350.

Western U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.0600 - 1.2350

## CONTINUED FROM PAGE 4

**National Retail Report Dairy – Fluid Milk Summary**

Advertised Prices at Major Retail Supermarket Outlets ending during the period of 3/29/2019 to 4/4/2019

Half Gallon, All Fat Tests	<u>Weighted Average Price</u>		
	This Period	Last Week	Last Year
National			
Organic	\$4.33	\$4.35	\$4.14
Conventional	\$1.55	\$1.85	\$2.52

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	n.a.	n.a.	n.a.
Northeast	n.a.	n.a.	n.a.
Northwest	\$0.99	\$0.99	\$0.99
South Central	n.a.	n.a.	n.a.
Southeast	n.a.	n.a.	n.a.
Southwest	\$2.50	\$2.50	\$2.50

Regional (Organic)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	\$6.99	\$6.99	\$6.99
Midwest	n.a.	n.a.	n.a.
Northeast	\$4.37	\$3.99	\$4.99
Northwest	n.a.	n.a.	n.a.
South Central	n.a.	n.a.	n.a.
Southeast	\$4.78	\$4.78	\$4.78
Southwest	\$3.52	\$2.99	\$3.98

Gallon, All Fat Tests	<u>Weighted Average Price</u>		
	This Period	Last Week	Last Year
National			
Organic	\$6.99	\$6.62	\$6.18
Conventional	\$2.46	\$2.88	\$3.49

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	\$1.98	\$1.98	\$1.99
Northeast	\$2.99	\$2.99	\$2.99
Northwest	n.a.	n.a.	n.a.
South Central	\$2.52	\$1.99	\$2.99
Southeast	n.a.	n.a.	n.a.
Southwest	\$2.49	\$2.49	\$2.49

Regional (Organic)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	n.a.	n.a.	n.a.
Northeast	\$6.99	\$6.99	\$6.99
Northwest	n.a.	n.a.	n.a.
South Central	n.a.	n.a.	n.a.
Southeast	n.a.	n.a.	n.a.
Southwest	n.a.	n.a.	n.a.

**Dairy Products Report - Ice Cream, Regular, Hard**

Released April 3, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

**Ice Cream, Regular (Hard) Production – States and United States:**

Region	<u>Feb 2018 and 2019</u>			<u>Percent Change from</u>	
	<u>Monthly Production (1000 lbs)</u>			<u>Feb. Jan.</u>	
	Feb. 2018	Jan. 2019	Feb. 2019	Feb. 2018	Jan. 2019
United States	55,411	53,551	51,142	-7.7	-4.5
Atlantic	12,315	12,815	11,725	-4.8	-8.5
Pennsylvania	2,032	2,697	2,127	4.7	-21.1
Central	33,140	31,749	29,750	-10.2	-6.3
Missouri	3,443	1,852	2,965	-13.9	60.1
Ohio	2,039	2,138	1,721	-15.6	-19.5
West	9,956	8,987	9,667	-2.9	7.6
California	4,762	4,390	4,346	-8.7	-1.0
Oregon	944	1,258	980	3.8	-22.1
Utah	2,390	1,478	2,294	-4.0	55.2

**Ice Cream, Regular (Hard) – Cumulative Production Jan - Feb**

Report Month	<u>Cumulative Production</u>		<u>Percent Change</u>
	<u>(1000 lbs)</u>		<u>from</u>
	2018	2019	2018
Feb.	110,129	104,693	-4.9



## NONFAT DRY MILK, BUTTERMILK &amp; 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:** Low/medium heat nonfat dry milk (NDM) prices saw a slight increase on the bottom of the range but held steady elsewhere. Buyers have been hesitant to jump into the spot market. They say they sense some blood in the water, but producers are not flexing as much as some end users expected. Manufacturers continue to report offers are steadfastly in the high \$.90s and have had some beneficial reports this week, including the GDT announcement regarding skim milk powder. All said, the markets are far from steady, and contacts are offering varying expectations. Undoubtedly, US/Mexican border disruptions and/or blockages are a potentially huge bearish factor. High heat NDM trading was quiet, with most trades moving via contract. High heat prices are unchanged.

**EAST:** Low/medium heat nonfat dry milk (NDM) prices are mostly unchanged this week. The price on the bottom of the range shifted up to reflect an uptick on the price floor. Many market participants are purchasing around the mid to high \$.90's at this time. NDM manufacturers are drying on steady to full schedules. Some suppliers communicate inventories are somewhat outweighing demand. Market conditions are steady to moderate. High heat nonfat dry milk prices are steady to a bit lower. Manufacturers' drying time and supplies are limited. The market tone is steady to balanced. The DMN monthly average of the range price series for Central and East low/medium heat NDM during March 2019 was \$0.9766, compared to \$0.9922 a month ago. The March 2019 monthly average of the range price series for Central and East high heat NDM was \$1.0899 compared to \$1.0995 a month ago.

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: .9300 - .9950  
Mostly Range - Low & Medium Heat; \$/LB: .9600 - .9800

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: 1.0500 - 1.1100

## Secondary Sourced Information:

The March 2019 NDM monthly average price, at the CME Group, is \$0.9671 compared to \$0.9916 a month ago.

## NONFAT DRY MILK - WEST

Western free on board (f.o.b.) spot prices for low/medium heat nonfat dry milk (NDM) moved slightly up on the range, in line with recent uptick SMP pricing movements at some actions abroad. Most NDM cash prices are mixed as a few trades pushed up the bottom value of the mostly series. According to some market participants, particularly manufacturers, the NDM market tone is improving as demands from cheese makers, bakers, and confectioners are robust ahead of the upcoming holiday needs. Conversely, some customers are still confused about the contradictory economic relation between improved NDM prices and large NDM stocks currently available in the spot market. According to them, prices should dip soon, especially during the spring flush farm milk production peak. NDM interest from Mexico is reported as fair, while offers from U.S. western manufacturers are competitive compared to their international counterparts. Rumors about the U.S./Mexico border closure are not making considerable impact to the NDM market, at least for now. Back to western U.S., most balancing plants are busy clearing heavy volumes of condensed skim milk into NDM/SMP, while stock levels are generally steady to building. Meanwhile, high heat nonfat dry milk cash prices are unchanged on light trading. Manufacturers report slow sales activity outside of contract requirements. Production is

irregular while stocks vary from plant to plant. The March 2019 Dairy Market News monthly average for the West low/medium heat nonfat dry milk mostly series is \$0.9660 and \$1.1060 for high heat nonfat dry milk.

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: .9150 - 1.0300

Mostly Range - Low & Medium Heat; \$/LB: .9600 - 0.9800

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: 1.0500 - 1.1400

## Dairy Products Report – Nonfat Dry Milk, Human Summary

Released April 3, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

**Nonfat Dry Milk, Human Production – States & United States:  
Feb 2018 and 2019**

Region	Monthly Production (1000 pounds)		Percent Change from		
	Feb. 2018	Jan. 2019	Feb. 2019	Feb. 2018	Jan. 2019
United States	157,833	172,690	153,715	-2.6	-11.0
Atlantic	26,949	27,010	27,506	2.1	1.8
Pennsylvania	14,551	14,255	14,119	-3.0	-1.0
Central	29,547	35,989	30,418	2.9	-15.5
West	101,337	109,691	95,791	-5.5	-12.7
California	54,644	65,802	61,538	12.6	-6.5
Other States	88,638	92,633	78,058	-11.9	-15.7

1/ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Nonfat Dry Milk, Human Production – Cumulative Production Jan - Feb

Report Month	Cumulative Production		Percent Change	
	(1000 pounds)		from	
February	2018	2019	2018	
February	318,134	326,405	2.6	

## Manufacturers' stocks end-of-month 3/

Product	End of month stocks (1000 pounds)		Percent Change from		
	Feb. 2018	Jan. 2019	Feb. 2019	Feb. 2018	Jan. 2019
Nonfat Dry Milk, Human	298,413	286,374	308,934	3.5	7.9

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

## Manufacturers' shipments 4/

Product	Feb. 2018		Jan. 2019		Feb. 2019	
	2018	2019	2019	2018	2019	2019
Nonfat dry milk, human	146,587	154,575	125,686	-14.3	-18.7	

4/ For dry products, shipments of bulk goods.

-CONTINUED ON PAGE 5A-

## NONFAT DRY MILK, BUTTERMILK &amp; 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-

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

	2019 Exports (Million Lb.)	% Change From 1 Year Ago
JANUARY Total	108.9	---
TOTAL, JAN	108.9	---
1 Mexico	62.1	+ 38
2 Philippines	15.0	+ 39
3 Indonesia	5.5	- 57
4 Colombia	4.7	+ 69
5 Vietnam	3.8	- 46

## DRY BUTTERMILK - CENTRAL AND EAST

**CENTRAL:** Buttermilk powder prices have increased while other powder markets, namely nonfat dry milk, are facing more downward pressure in recent weeks. Inventory limitations have been reported from multiple Central region producers. Buyers, therefore, are having to crunch the numbers on freight cost differentials, as more affordable loads are available in the Western region. Nonfat dry milk drying has kept buttermilk production limited and has also helped to maintain a steady to slightly bullish market tone.

**EAST:** Dry buttermilk spot prices have increased. Production is intermittent, as low/medium nonfat dry milk is receiving the majority of drying time. Many manufacturers' dry buttermilk inventories are tight in the East. Customers' demands have improved currently. Some traders purchased resales at premium prices due to time and need. Right now, buttermilk powder is showing more market strength than low/medium heat nonfat dry milk. The March 2019 Dairy Market News monthly average price for the Central and East dry buttermilk is \$0.9990, compared to \$0.9986 a month ago.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk  
Price Range ; \$/LB: .9800 - 1.0500

## DRY BUTTERMILK - WEST

In the West, free on board (f.o.b.) spot prices for dry buttermilk are unchanged. The spot sales activity outside contracts is reported as light to moderate. At this point, the market undertone is mostly in balance for most industry contacts as demand is even with supply. Albeit some condensed buttermilk volumes are clearing into regional Class II facilities, volumes are still enough to produce dry buttermilk. Dry buttermilk inventories are mostly in balance with spot and contractual needs. The March 2019 Dairy Market News monthly average for the West dry buttermilk mostly series is \$0.9600.

Prices for: Western U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk  
Price Range ; \$/LB: .8800 - .9800  
Mostly Range - ; \$/LB: .9500 - .9700

## Dairy Products Report – Dry Buttermilk Summary

Released April 3, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Dry Buttermilk – United States: February 2018 and 2019

Region	Monthly Production (1000 pounds)		Percent Change from	
	Feb. 2018	Jan. 2019	Feb. 2018	Jan. 2019
United States	11,511	13,189	9,335	-18.9 -29.2

Manufacturers' stocks end-of-month 3/

Product	End of month stocks (1000 pounds)		Percent Change from	
	Feb. 2018	Jan. 2019	Feb. 2018	Jan. 2019
Dry butter-milk, total	25,453	20,713	20,097	-21.0 -3.0

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

## DRY WHOLE MILK - NATIONAL

This week, national dry whole milk free on board (f.o.b.) spot prices are steady. The market undertone remains stable throughout the country. In general, the domestic demand for dry whole milk is fair to good ahead of the upcoming spring festivities. Some manufacturers anticipate an uptick in sales very soon, particularly during the upcoming confectionery season. Dry whole production is intermittent, mostly dictated by contractual needs. However, dry whole milk inventories are reported as balanced across all regions of the country. The March 2019 Dairy Market News monthly average for the National price series for dry whole milk is \$1.6221.

Prices for: U.S., All First Sales, F.O.B., Conventional, and Edible Dry Whole Milk  
Price Range - 26% Butterfat; \$/LB: 1.6000 - 1.6500

**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 market tones remain unsteady, as mostly prices saw a decline this week. Centrally, however, the market is holding a little steadier than the Western region, where supplies are widely available. Trading, in general within the region, was somewhat quiet. Inventories, however, are expected to build shortly as cheese markets and thus cheese production have begun to show more signs of life. Contacts suggest, for the first time since early/mid 2018, higher protein blends are starting to become more available. This, they suggest, may be yet another bear in an already crowded den. Animal feed whey market tones were understated this week, as prices remained steady. The DMN monthly average of the mostly price series for Central dry whey during March was \$0.4163, compared to \$0.4416 in February. The monthly average of the range price series for Central animal feed whey during March was \$0.3105, compared to \$0.3376 in February.

Prices for: Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey  
Price Range - Animal Feed; \$/LB: .2700 - .3300

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: .3125 - .4600  
Mostly Range - Non-Hygroscopic; \$/LB: .3500 - .4450

**DRY WHEY- NORTHEAST**

Dry whey prices are unchanged this trading period. Buyers are purchasing at current price levels. There is some downward pressure on pricing in the East at this time. Whey powder production is fairly steady. Manufacturers' supplies are adequate for contract and spot sale needs. The demand is steady to weaker currently. Some market participants continue to bid for lower spot prices before making commitments. The market undertone is steady and soft. The March 2019 Dairy Market News monthly average for Northeast dry whey was \$0.4042 compared to \$0.4501 a 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: .3400 - .4475

**DRY WHEY- WEST**

In the West, dry whey prices are steady on the range and the mostly price series. Generally, interest from the global market is lower, while domestic customers seem to be taking mostly stable to fewer load numbers. The African Swine fever continues to affect Chinese buying decisions as they have lost a significant portion of their hog population recently and do not need as much dry whey. Although some domestic buyers are backing off from the market as they await to see how low of a price they can pay in the future, supplies of dry whey are reported in balance with demand in some areas while in others they are increasing. Dry whey output remains active; however, some manufacturers are shifting to higher whey protein concentrations to better manage their inventories. The DMN monthly average of the mostly price series for West dry whey during March was \$0.3976 compared to \$0.4405 one month ago and \$0.2543 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: .2575 - .4750  
Mostly Range - Non-Hygroscopic; \$/LB: .3300 - .4375

**Dairy Products Report – Whey Summary**

Released April 3, 2019, 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)		Percent Change from		
	Feb. 2018	Jan. 2019	Feb. 2019	Feb. 2018	Jan. 2019
United States	88,836	79,703	73,675	-17.1	-7.6
Atlantic	19,310	21,706	18,735	-3.0	-13.7
Central Wisconsin	39,990	31,347	29,528	-26.2	-5.8
	28,782	21,735	20,481	-28.8	-5.8
West	29,536	26,650	25,412	-14.0	-4.6

**Dry Whey – Cumulative Production January - February**

Dry Whey	Cumulative Production (1000 pounds)		Percent Change from
	2018	2019	2018
Total <sup>1</sup>	179,918	156,150	-13.2
Human <sup>2</sup>	176,923	153,378	-13.3

1. Excludes all modified dry whey products.

2. Values are calculated from Dairy Products report data.

**Manufacturers' stocks end of month<sup>3</sup>**

Dry Whey	End of month stocks (1000 pounds)		Percent Change from		
	Feb. 2018	Jan. 2019	Feb. 2019	Feb. 2018	Jan. 2019
Human	86,894	78,721	85,948	-1.1	9.2
Animal	1,443	706	707	-51.0	0.1
Total	88,337	79,427	86,655	-1.9	9.1

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

**U.S. Dry Whey Exports. H.S. Code 0404104000(FAS)**

	2019 Exports (Million Lb.)		% Change From 1 Year Ago
JANUARY Total	31.9		- 28
TOTAL, JAN	31.9		- 28
1 China	11.3		- 31
2 Japan	4.0		- 8
3 Vietnam	3.0		+ 37
4 Canada	2.1		- 27
5 Mexico	1.9		- 49

**-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-****WHEY PROTEIN CONCENTRATE**

Whey protein concentrate 34% prices are unchanged. In general, demand is steady. Buyers are taking regular contract shipments without much concern. Spot market activity varies by brand and market segment. WPC34% production is in relatively good balance with demand, and inventories are generally comfortable. Buyers can find WPC34% as needed, but processors are not making a lot of offers. Buyers and sellers seem content, at least at the moment, to maintain the status quo. The March 2019 Dairy Market News average of the mostly price series for Central and West whey protein concentrate 34% was \$0.9025, compared to \$0.8995 one month ago and \$0.6960 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: .7300 - 1.0600  
 Mostly Range - 34% Protein; \$/LB: .8300 - .9750

**U.S. Lactose Exports, H.S. Code 1702110000(FAS)**

	2019 Exports (Million Lb.)	% Change From 1 Year Ago
JANUARY Total	47.5	- 4
TOTAL, JAN	47.5	- 4
1 Mexico	8.6	- 8
2 China	7.1	- 19
3 Japan	6.3	+ 21
4 New Zealand	5.4	- 2
5 Singapore	3.9	+ 166

**U.S. WPC < 80% Exports, H.S. Code 0404100500(FAS)**

	2019 Exports (Million Lb.)	% Change From 1 Year Ago
JANUARY Total	14.9	- 56
TOTAL, JAN	14.9	- 56
1 Mexico	3.7	- 13
2 Canada	2.8	- 20
3 China	2.2	- 86
4 Philippines	1.5	+ 215
5 Indonesia	1.3	- 21

**LACTOSE**

Lactose prices are unchanged on the mostly price series and the bottom of the range, but moved higher at the top of the range. As quarter 2 contracts go into effect, some brands and higher mesh lactose have stronger prices. However, there is a lot of concern over potential impacts the African swine fever may have on dairy markets. Some manufacturers report edible lactose moving into Southeast Asia for infant pig formula is under increasing pressure from eroding demand and heavy stocks in those markets. Prices for whey permeate have fallen precipitously, and there is a fear that will put more strain on other dairy carbohydrates such as lactose. Some U.S. manufacturers say inventories are starting to back up, while others say stocks are comfortable and mostly committed. Lactose production is steady to higher. As some manufacturers push to make higher protein concentrations, there is more lactose available on the market. Domestic demand has, so far, been able to keep industry lactose inventories relatively stable. The market tone for lactose is somewhere between unsettled and stable, and depends greatly on the perspective and market segment of the respondent. The March 2019 Dairy Market News average of the mostly price series for Central and West lactose was \$0.3650, compared to \$0.3639 one month ago and \$0.2200 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: .2250 - .4800  
 Mostly Range - Non Pharmaceutical; \$/LB: .3100 - .4200

**CASEIN**

Prices for rennet casein and acid casein firmed this week. Some buyers who had been holding back following recent price increases are now more open to closing sales because they expect there will be less potential for any abrupt price decline in the near term. Price levels have been moving higher. Current rennet casein pricing compared with one year ago, showing the change in the low end of the price range, then in the top end, is \$0.5175-\$0.5925 higher. Acid casein is \$0.1450-\$0.0300 higher comparing the low end, then the high end. Seasonal factors in New Zealand and the EU are holding global casein production lower. The milk production season in New Zealand is declining from the December peak month, moving closer to June, typically the low month. This generally leads to lower casein production. EU milk production is seasonally increasing, but still recovering from the unexpected decline during January. All of this suggests that casein production in coming months will not boost available stocks too much beyond what is already committed. Buyers who know they will need casein, and have not locked in contracts, are securing commitments now. Wait and see is not much in play.

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: 3.0950-3.2300  
 Rennet; Price Range - \$/LB: 2.8675-3.2925

**Secondary Sourced Information:**

At GDT event 233 on April 2, 2019, the all contracts price for rennet casein, \$3.0405 increased 7.5 percent. The May contract price, \$3.2908, increased 5.6 percent.



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

WEEK ENDING	2019 WEEKLY DAIRY COWS	2019 CUMULATIVE DAIRY COWS	2018 WEEKLY DAIRY COWS	2018 CUMULATIVE DAIRY COWS
03/16/2019	71.1	748.0	67.1	715.2

WEBSITE: [http://www.ams.usda.gov/mnreports/sj\\_ls714.txt](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

**CLASS III MILK PRICES (3.5% Butterfat)**

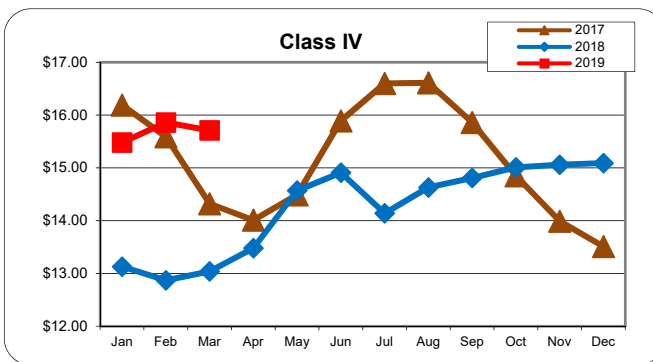
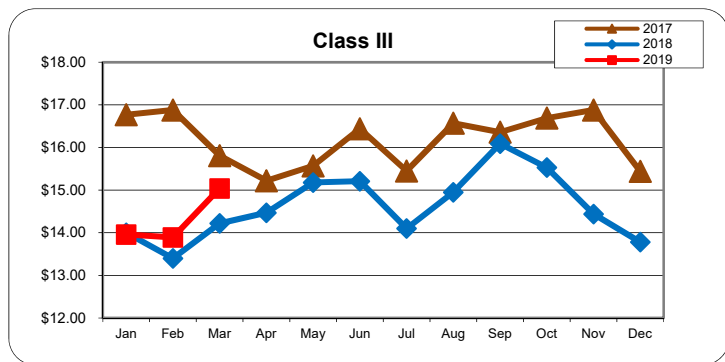
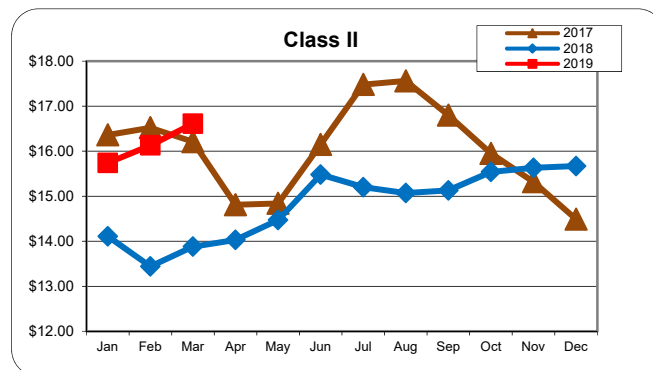
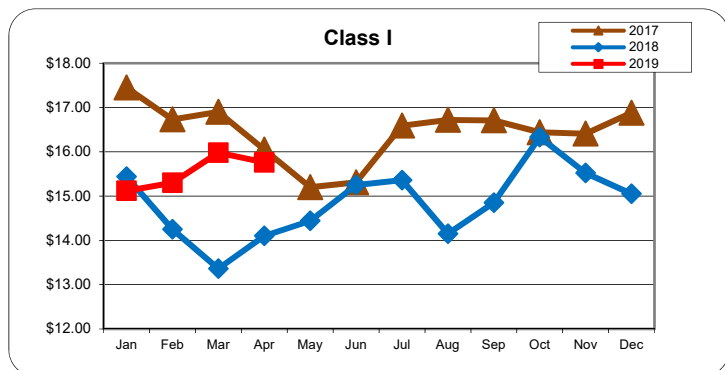
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	21.15	23.35	23.33	24.31	22.57	21.36	21.60	22.25	24.60	23.82	21.94	17.82
2015	16.18	15.46	15.56	15.81	16.19	16.72	16.33	16.27	15.82	15.46	15.30	14.44
2016	13.72	13.80	13.74	13.63	12.76	13.22	15.24	16.91	16.39	14.82	16.76	17.40
2017	16.77	16.88	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

**CLASS IV MILK PRICES (3.5% Butterfat)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	22.29	23.46	23.66	23.34	22.65	23.13	23.78	23.89	22.58	21.35	18.21	16.70
2015	13.23	13.82	13.80	13.51	13.91	13.90	13.15	12.90	15.08	16.43	16.89	15.52
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

**FEDERAL MILK ORDER CLASS PRICES FOR 2019 (3.5% Butterfat)**

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I 1/	15.12	15.30	15.98	15.76								
II	15.74	16.13	16.61									
III	13.96	13.89	15.04									
IV	15.48	15.86	15.71									

1/ Specific order differentials to be added to this base price can be found by going to: [www.ams.usda.gov/DairyMarketingStatistics](http://www.ams.usda.gov/DairyMarketingStatistics); then select "Prices"; and then select "Principal Pricing Points."

## ORGANIC DAIRY MARKET NEWS

Information gathered March 25 - April 5, 2019

## ORGANIC DAIRY FLUID OVERVIEW

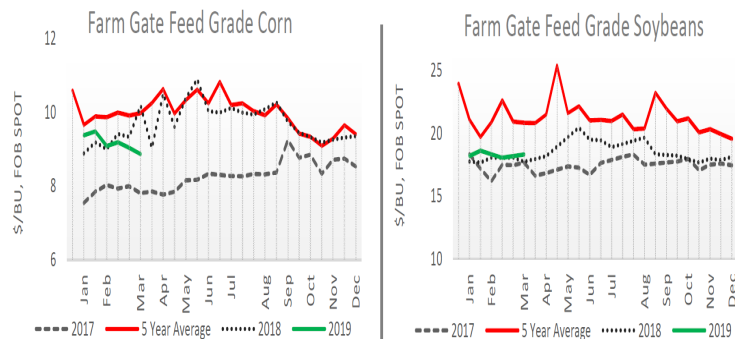
**U.S. Organic Milk Pay Price.** The April 2019 farm gate organic milk pay price reported by a national organic dairy cooperator is \$29.24 per cwt., with a twelve-month average price of \$31.30, based on a 12.9 percent representation of total solids. The organic pay price is the amount accepted by those organic dairy producers who contract with a large national organic cooperative, while based on the geographic area where the organic milk is produced and whether it is grass milk.

**Organic Whole Milk Powder.** Demand for organic whole milk powder has steadily improved, with significant sale increases reported in both domestic and foreign markets. Processing applications that target organic whole milk powder's utilization in fermented milk foods, yogurt, UHT milk, confectionary, bakery, ice cream and infant formulas are being assembled by many organic dairy manufacturers. Important factors that contribute to active demand are lower transportation costs and extended shelf life. As well, strong consumer preference for natural and organic food products that benefit quality, along with nutrition and health, have helped raise the demand. As milk production continues to increase, manufacturers in the organic milk powder market are investing heavily in pioneering the development of innovative drying technologies that center on organic powder production.

## ORGANIC GRAIN FEEDSTUFF OVERVIEW

**Organic Grain and Feed Market Trend.** Compared to two weeks ago, trading is moderate on light demand for feed grade corn. Buyers have begun to contract new crop at lower prices than a year ago. Trade and demand is moderate for feed grade soybeans. Regions that received flooding could potentially delay planting. All other organic grains transactions were slow.

For more additional information, access the link:



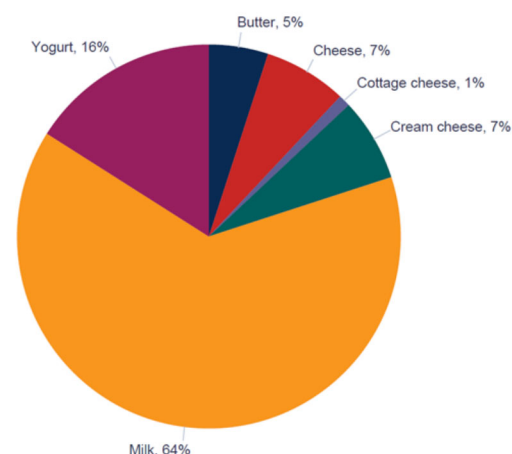
<https://www.ams.usda.gov/mnreports/lbfnof.pdf>

## ORGANIC DAIRY RETAIL OVERVIEW

Organic retail advertisement shows a hike in ads compared to the most recent retail survey report, a 70 percent change. Of all regions surveyed in the report, only the Northeast reported a drop, 15 percent, in organic ads. Several organic dairy items that did not appear as ads in the last survey, but were featured this period included 1 pound shredded cheese, 8 ounce cheese blocks, 8 ounce cream cheese, and 16 ounce cottage cheese. The weighted average price of organic butter increased \$1.12 from last week, as the holiday baking progresses. Organic milk in half gallon containers posted the largest volume of ads, over three times more than organic milk in the gallon package. In general, organic milk ads were up 84 percent, but yogurt ads declined 2 percent. The milk price spread between

organic and conventional half gallon milk represents an organic premium of \$2.17, down 61 cents from last week. All organic dairy commodities featured in this week survey, as a total of organic ads, are shown in the detailed pie chart below.

Percentage of Total Organic Ads by Commodity



Data source: USDA Dairy Market News

Complete results of this bi-weekly survey providing additional graphs, tables, can be accessed at: <https://www.ams.usda.gov/mnreports/dybdairyorganic.pdf> Advertising information presented is compiled from nearly 23,000 surveyed newspaper supermarket ads.

Prices are valid from March 22-28, 2019. 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 (Dollars)

Commodity	This Week	Last Week	Last Year
Butter	6.49	5.37	4.83
Milk			
Half Gal.	4.20	4.33	3.54
Gal.	6.41	6.99	7.10
8 oz.	0.94	0.83	n.a
Yogurt			
4-6 oz. Greek	n.a.	n.a.	1.23
32 oz. Greek	5.08	5.99	6.38
4-6 oz. Yogurt	1.00	0.87	0.81
32 oz. Yogurt	3.50	3.50	3.5

Complete results of the "National Retail Report-Dairy" and "Weekly National Organic Summary" are accessible using the following links:

1 <https://www.ams.usda.gov/mnreports/dybretail.pdf>

2 <https://www.ams.usda.gov/mnreports/lswnos.pdf>

-CONTINUED ON PAGE 8A-

**ORGANIC DAIRY MARKET NEWS**  
Information gathered March 25 - April 5, 2019

**-CONTINUED FROM PAGE 8-**

**DIRECT TO CONSUMER ORGANIC DAIRY PRODUCTS PRICES**

The following table identifies 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	: 13.45 -
Organic Butter		8 oz	: 4.75 - 10.00

**CHEESE**

Commodity	Type	Pack Size	: Organic : Price Range\$
Organic Cheese	Cheddar - 10 year	8 oz	: 11.00 -
Organic Cheese	Cheddar - 11-14 year	8 oz	: 14.00 -
Organic Cheese	Cheddar - 2-4 year	8 oz	: 5.73 - 6.93
Organic Cheese	Cheddar - 5-9 year	8 oz	: 8.50 -
Organic Cheese	Cheddar - Medium	8 oz	: 4.52 - 8.00
Organic Cheese	Cheddar - Mild	8 oz	: 4.14 - 8.50
Organic Cheese	Cheddar - Sharp	8 oz	: 4.95 - 12.00
Organic Cheese	Colby	8 oz	: 5.25 - 8.00
Organic Cheese	Farmers	8 oz	: 4.00 - 6.00
Organic Cheese	Gouda	8 oz	: 12.00 -
Organic Cheese	Monterey Jack	8 oz	: 5.25 - 8.00
Organic Cheese	Mozzarella	8 oz	: 4.50 - 12.50
Organic Cheese	Muenster	8 oz	: 6.00 -
Organic Cheese	Pepper Jack	8 oz	: 12.50 -
Organic Cheese	Curds	Per Lb	: 6.80 - 12.00

Information for the period March 25 - April 5, 2019, issued monthly.

AREA and PRODUCT	2019 MONTHLY AVERAGES		
	: JAN	: FEB	: MAR
CME Group <sup>1</sup>			
BUTTER - DAILY TRADING			
GRADE AA	2.2481	2.2659	2.2773
CHEESE - DAILY TRADING			
BARRELS	1.2379	1.3867	1.4910
40 POUND BLOCKS	1.4087	1.5589	1.5908
NONFAT DRY MILK - DAILY TRADING			
GRADE A	1.0075	0.9916	0.9671
WHEY - DAILY TRADING			
EXTRA GRADE	0.4640	0.3559	0.3304
DAIRY MARKET NEWS <sup>2</sup>			
CHEESE			
WISCONSIN			
PROCESS AMERICAN 5 POUND LOAF	1.5164	1.6126	1.7158
BRICK AND/OR MUENSTER 5 POUNDS	1.9720	2.0908	2.1480
CHEDDAR 40 POUND BLOCK	1.6845	1.8016	1.8580
MONTEREY JACK 10 POUNDS	1.8370	1.9558	2.0130
BLUE 5 POUNDS	2.5620	2.6808	2.7380
MOZZARELLA 5-6 POUNDS	2.0295	2.1483	2.2055
SWISS 6-9 POUND CUTS	2.7577	2.6351	2.5597
NORTHEAST			
CHEDDAR 40 POUND BLOCK	1.9945	2.1133	2.1705
PROCESS AMERICAN 5 POUND SLICED	1.6214	1.7176	1.8208
MUENSTER	2.0120	2.1308	2.1880
SWISS 10-14 POUND CUTS	3.3452	3.2226	3.1472
WEST			
PROCESS AMERICAN 5 POUND LOAF	1.4514	1.5476	1.6508
CHEDDAR 40 POUND BLOCK	1.7408	1.8595	1.9167
CHEDDAR 10 POUND CUTS	1.8095	1.9283	1.9855
MONTEREY JACK 10 POUNDS	1.7895	1.9083	1.9655
SWISS 6-9 POUND CUTS	2.9964	2.8738	2.7985
FLUID PRODUCTS			
CLASS II CREAM			
NORTHEAST - F.O.B.	2.4925	2.5644	2.6702
UPPER MIDWEST - F.O.B.	2.6433	2.6582	2.7342
CONDENSED SKIM - NORTHEAST - F.O.B.			
CLASS II	0.7567	0.7342	0.7679
CLASS III	0.7357	0.7250	0.7060

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.



## 2019 MONTHLY AVERAGES

AREA and PRODUCT	: JAN	: FEB	: MAR
DAIRY MARKET NEWS, CONTINUED <sup>2</sup>			
DRY PRODUCTS			
NONFAT DRY MILK			
CENTRAL/EAST - LOW/MEDIUM HEAT	0.9669	0.9922	0.9766
--MOSTLY	0.9821	0.9976	0.9849
CENTRAL/EAST - HIGH HEAT	1.0769	1.0995	1.0899
WEST - LOW/MEDIUM HEAT	0.9848	0.9841	0.9680
--MOSTLY	0.9807	0.9892	0.9660
WEST - HIGH HEAT	1.1199	1.1320	1.1060
WHEY POWDER			
CENTRAL -	0.4488	0.4271	0.4027
--MOSTLY	0.4676	0.4416	0.4163
WEST -	0.4645	0.4136	0.3830
--MOSTLY	0.4689	0.4405	0.3976
NORTHEAST - EXTRA AND GRADE A	0.4924	0.4501	0.4042
WHEY PROTEIN CONCENTRATE 34%			
CENTRAL AND WEST	0.9293	0.9101	0.8993
-- MOSTLY	0.8929	0.8995	0.9025
ANIMAL FEED			
CENTRAL - MILK REPLACER	0.3655	0.3376	0.3105
DRY BUTTERMILK			
CENTRAL/EAST	0.9780	0.9986	0.9990
WEST	0.9250	0.9592	0.9481
--MOSTLY	0.9286	0.9592	0.9600
DRY WHOLE MILK			
NATIONAL	1.5750	1.6018	1.6221
LACTOSE			
CENTRAL AND WEST	0.3652	0.3250	0.3345
-- MOSTLY	0.3700	0.3639	0.3650
CASEIN			
RENNET	2.4540	2.5699	2.7336
ACID	3.0651	3.0835	3.1051

<sup>2</sup> 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.

## 2019 INTERNATIONAL MONTHLY AVERAGES

AREA and PRODUCT	: JAN	: FEB	: MAR
DAIRY MARKET NEWS <sup>3</sup>			
BUTTER (82% BUTTERFAT)			
-- OCEANIA	4215	4442	4919
-- WEST EUROPE	5060	4998	4761
BUTTEROIL (99% BUTTERFAT)			
-- WEST EUROPE	6842	6347	6098
CHEDDAR CHEESE (39% MAXIMUM MOISTURE)			
-- OCEANIA	3484	3660	4008
SKIM MILK POWDER (1.25% BUTTERFAT)			
-- OCEANIA	2451	2612	2578
-- SOUTH AMERICA	2651	2514	2493
-- WEST EUROPE	2125	2254	2208
WHEY POWDER (NONHYGROSCOPIC)			
-- WEST EUROPE	1006	1032	1007
WHOLE MILK POWDER (26% BUTTERFAT)			
-- OCEANIA	2768	3020	3257
-- SOUTH AMERICA	2842	2941	3217
-- WEST EUROPE	3199	3293	3276

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

## February 2019 Dairy Products Highlights

**Butter** production was 165 million pounds, 2.9 percent below February 2018, and 12.9 percent below January 2019. **American type cheese** production totaled 394 million pounds, 0.9 percent below February 2018, and 10.4 percent below January 2019. **Total cheese** output (excluding cottage cheese) was 991 million pounds, 0.5 percent above February 2018, but 9.7 percent below January 2019. **Nonfat dry milk** production, for human food, totaled 154 million pounds, 2.6 percent below February 2018, and 11.0 percent below January 2019. **Dry whey** production, for human food, was 74 million pounds, 17.1 percent below February 2018, and 7.6 percent below January 2019. **Ice cream, regular hard** production totaled 51.1 million gallons, 7.7 percent below February 2018, and 4.5 percent below January 2019.

Production of Dairy Products									
Product	February 2019	Change from			Product	February 2019	Change from		
		Feb 2018	Jan 2019	Year to Date <sup>1</sup>			Feb 2018	Jan 2019	Year to Date <sup>1</sup>
	(1,000 lbs)	(percent)				(1,000 lbs)	(percent)		
Butter	165,220	-2.9	-12.9	0.8	Yogurt (plain and flavored)	359,243	-4.4	-0.2	-2.9
Cheese					Dry whey, human food	73,675	-17.1	-7.6	---
American types <sup>2</sup>	393,606	-0.9	-10.4	0.2	Dry whey, animal feed	1,273	66.8	-15.1	---
Cheddar	280,624	-4.3	-13.2	-1.3	Dry whey, total <sup>8</sup>	74,948	-16.4	-7.7	-13.2
Other American	112,982	8.5	-2.7	---	Reduced lactose & minerals				
Brick & Muenster	13,840	-1.9	-23.1	---	Human food	1,494	5.7	-18.7	---
Cream & Neufchatel	60,196	-9.3	-17.4	---	Animal feed	2,998	13.9	-9.7	---
Hispanic	27,104	29.4	15.7	---	Lactose, human food & animal feed	98,800	14.5	-11.5	16.2
Total Italian types	440,459	3.3	-8.3	2.2	Whey protein concentrate				
Mozzarella	348,117	6.3	-8.3	4.8	Human food <sup>9</sup>	38,111	-2.4	-8.6	---
Other Italian	92,342	-6.8	-8.1	---	Animal feed <sup>9</sup>	939	178.6	-37.2	---
Swiss	26,584	2.1	-11.1	---	Total <sup>9</sup>	39,050	-0.9	-9.5	-0.8
All other types	29,580	-14.6	-14.9	---	25.0-49.9 percent <sup>10</sup>	14,658	8.3	-18.3	---
Total	991,369	0.5	-9.7	0.3	50.0-89.9 percent <sup>10</sup>	24,392	-5.7	-3.3	---
Cottage cheese, curd <sup>3</sup>	30,268	7.9	-7.1	---	Whey protein isolates <sup>11</sup>	9,121	7.3	-22.3	---
Cottage cheese, cream <sup>4</sup>	26,094	-3.1	-7.9	3.7					
Cottage cheese, lowfat <sup>5</sup>	25,377	-7.9	-9.8	-1.7					
Dry buttermilk	9,335	-18.9	-29.2	---	Frozen products				
Dry whole milk	9,335	-52.0	-25.3	---	Ice cream, regular hard	51,142	-7.7	-4.5	-4.9
Milk protein conc. (MPC), total <sup>6</sup>	14,068	37.8	17.0	---	Ice cream, lowfat, hard	17,915	-5.3	12.0	---
Nonfat dry milk (NDM), human	153,715	-2.6	-11.0	2.6	Ice cream, lowfat, soft	14,355	-3.9	-7.7	---
Skim milk powders (SMP) <sup>7</sup>	35,849	-4.8	-9.9	-9.3	Ice cream, lowfat, total	32,270	-4.7	2.3	-1.9
Sour cream	100,892	1.9	-16.6	2.0	Sherbet, hard	2,591	-13.5	1.6	-13.9
					Frozen yogurt, total	4,552	-1.6	-11.5	4.9

Manufacturers' Stocks, End of Month <sup>12</sup>							
Product	February 2019	February 2018	January 2019	Product	February 2019	February 2018	January 2019
	(1,000 lbs)	(percent)			(1,000 lbs)	(percent)	
Dry whey, human food	85,948	-1.1	9.2	Whey protein concentrate			
Dry whey, animal feed	707	-51.0	0.1	Human food <sup>9</sup>	61,396	-23.3	0.1
Reduced lactose & minerals—human & animal <sup>13</sup>	4,657	5.8	5.1	Animal feed <sup>9</sup>	973	31.0	-27.1
Lactose, human food & animal feed	105,706	-9.8	-1.8	Total <sup>9</sup>	62,369	-22.8	-0.4
Dry buttermilk	20,097	-21.0	-3.0	25.0-49.9 percent <sup>10</sup>	26,590	3.2	-3.6
Nonfat dry milk, human food	308,934	3.5	7.9	50.0-89.9 percent <sup>10</sup>	35,779	-35.0	2.0
				Whey protein isolates <sup>11</sup>	21,510	-22.9	-5.5

<sup>1</sup> 2018 cumulative as percent change of 2017 cumulative. <sup>2</sup> Includes Cheddar, Colby, Monterey and Jack. <sup>3</sup> Mostly used for processing into cream or lowfat cottage cheese. <sup>4</sup> Fat content 4 percent or more. <sup>5</sup> Fat content less than 4 percent. <sup>6</sup> Dry milk protein concentrate, 40-89.9 percent. <sup>7</sup> Includes protein standardized and blends. <sup>8</sup> Excludes all modified dry whey products. <sup>9</sup> Whey protein concentrate, 25.0 to 89.9 percent. <sup>10</sup> Whey protein concentrate, human and animal. <sup>11</sup> Whey protein isolates, 90.0 percent or greater. <sup>12</sup> Stocks held by manufacturers at all points and in transit. <sup>13</sup> 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*, April 2019.

## Final Class Prices by Order, March 2019

### March 2019 Highlights

**Class Prices:** The following are the March 2019 class prices under the Federal milk order pricing system and changes from the previous month: Class II: \$16.61 (+\$0.48), Class III: \$15.04 (+\$1.15), and Class IV: \$15.71 (-\$0.15).

**Component Price Information:** Under the Federal milk order pricing system, the butterfat price for March 2019 is \$2.5461 per pound. Thus, the Class II butterfat price is \$2.5531 per pound. The protein and other solids prices for March 2019 are \$1.6303 and \$0.2200 per pound, respectively. These component prices set the Class III skim milk price at \$6.35 per cwt. The March 2019 Class IV skim milk price is \$7.05, which is derived from the nonfat solids price of \$0.7832 per pound.

**Product Price Averages:** The product price averages for March 2019 are: butter: \$2.2740, nonfat dry milk: \$0.9589, cheese: \$1.5383 and dry whey: \$0.4127.

## Final Class Prices for March 2019

### Federal Milk Order Minimum Class Prices for Milk of 3.5 Percent Butterfat <sup>1, 2</sup>

Federal Milk Order Marketing Area <sup>3</sup>	Order Number	Mar 2019				Apr 2019
		Class I	Class II	Class III	Class IV	Class I
		<i>(dollars per cwt)</i>				
Northeast (Boston) *	001	19.23	16.61	15.04	15.71	19.01
Appalachian (Charlotte) *	005	19.38	16.61	15.04	15.71	19.16
Florida (Tampa) *	006	21.38	16.61	15.04	15.71	21.16
Southeast (Atlanta) *	007	19.78	16.61	15.04	15.71	19.56
Upper Midwest (Chicago) *	030	17.78	16.61	15.04	15.71	17.56
Central (Kansas City) *	032	17.98	16.61	15.04	15.71	17.76
Mideast (Cleveland) *	033	17.98	16.61	15.04	15.71	17.76
California (Los Angeles) *	051	18.08	16.61	15.04	15.71	17.86
Pacific Northwest (Seattle) *	124	17.88	16.61	15.04	15.71	17.66
Southwest (Dallas) *	126	18.98	16.61	15.04	15.71	18.76
Arizona (Phoenix)	131	18.33	16.61	15.04	15.71	18.11
All-Market Average		18.80	16.61	15.04	15.71	18.58

<sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> Names in parentheses are the major city in the principal pricing point of the markets.

\* Marketing Area footnotes: 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](mailto:randal.stoker@usda.gov)

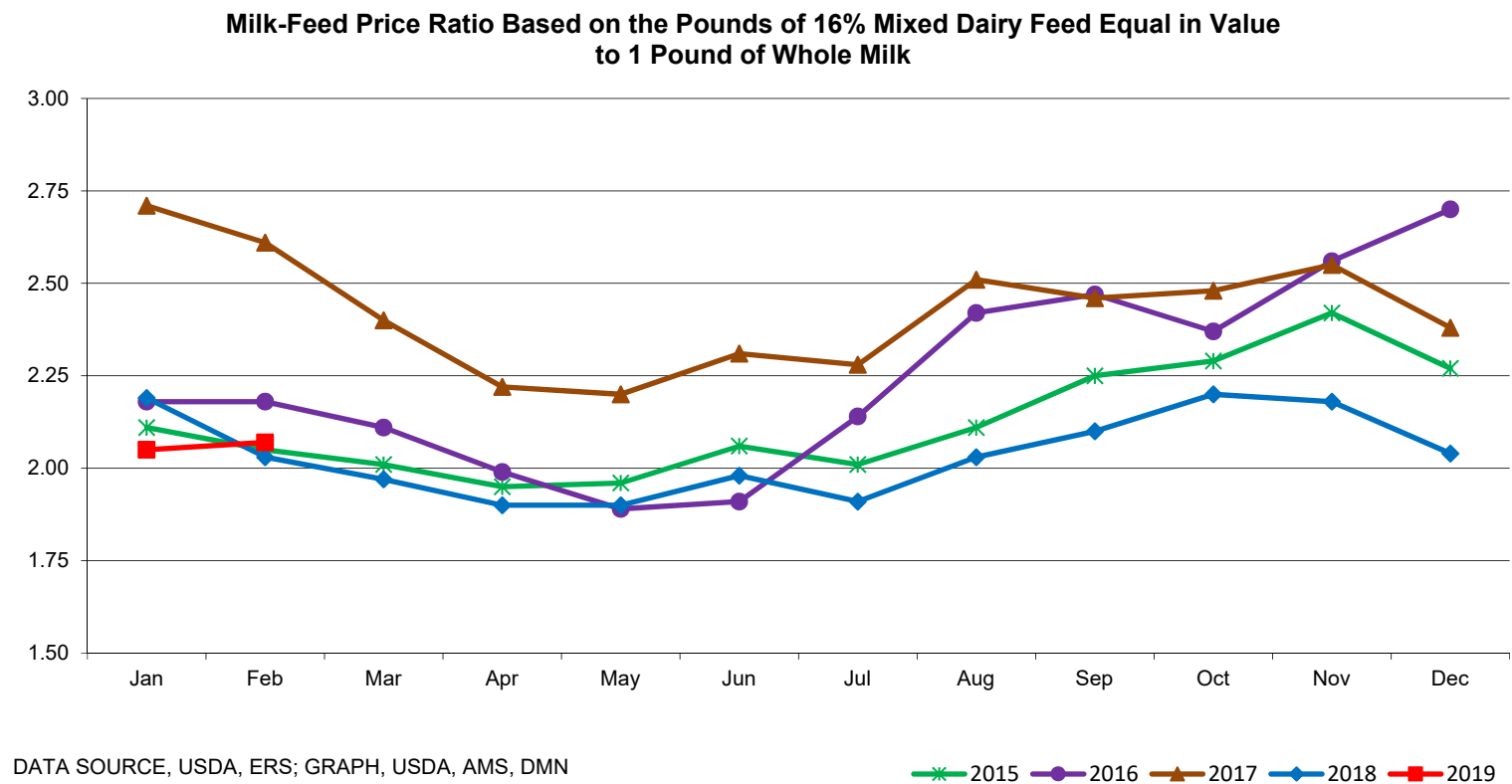
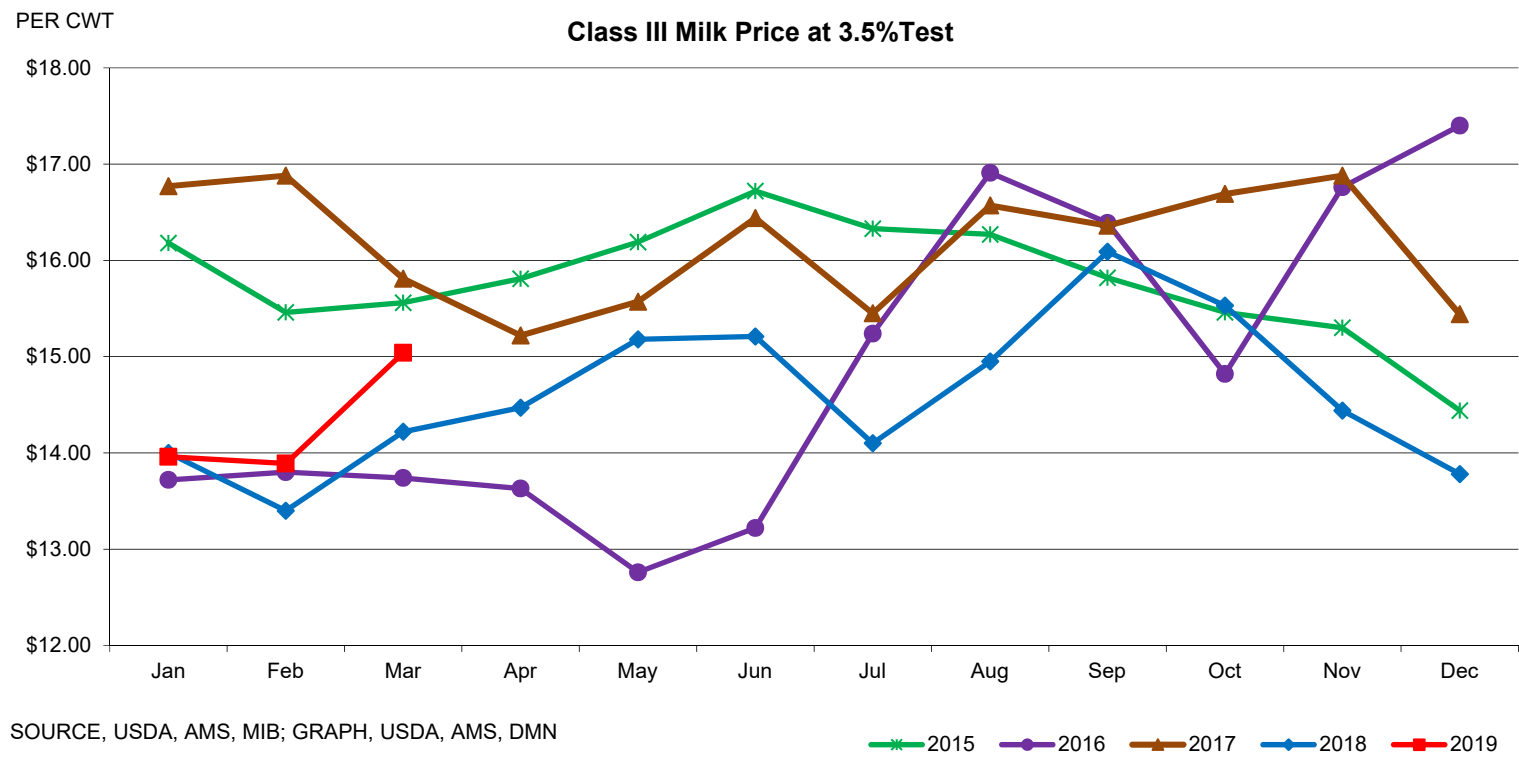


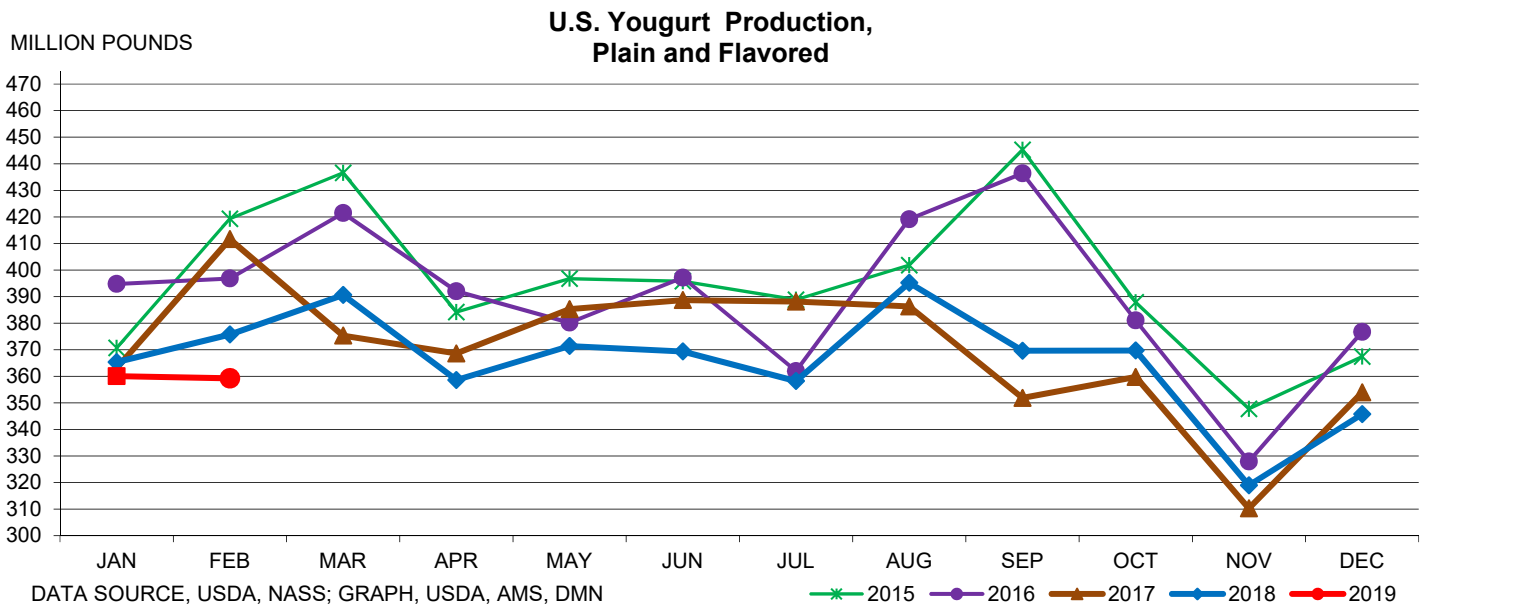
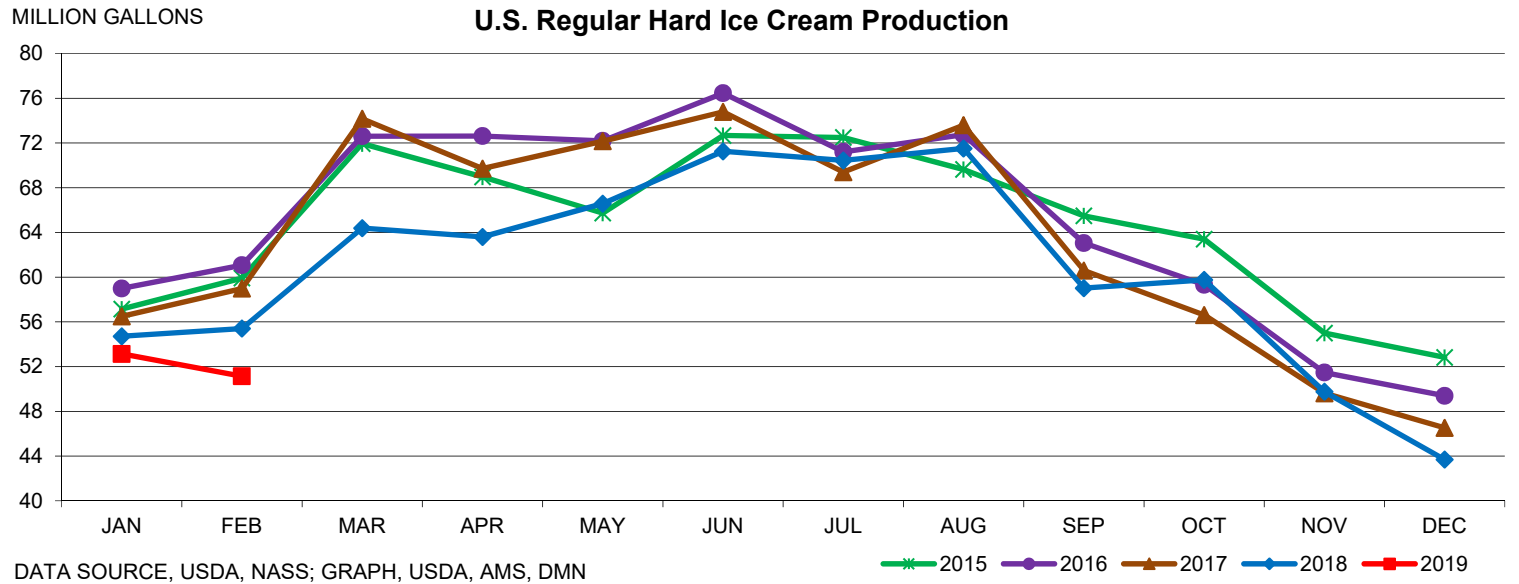
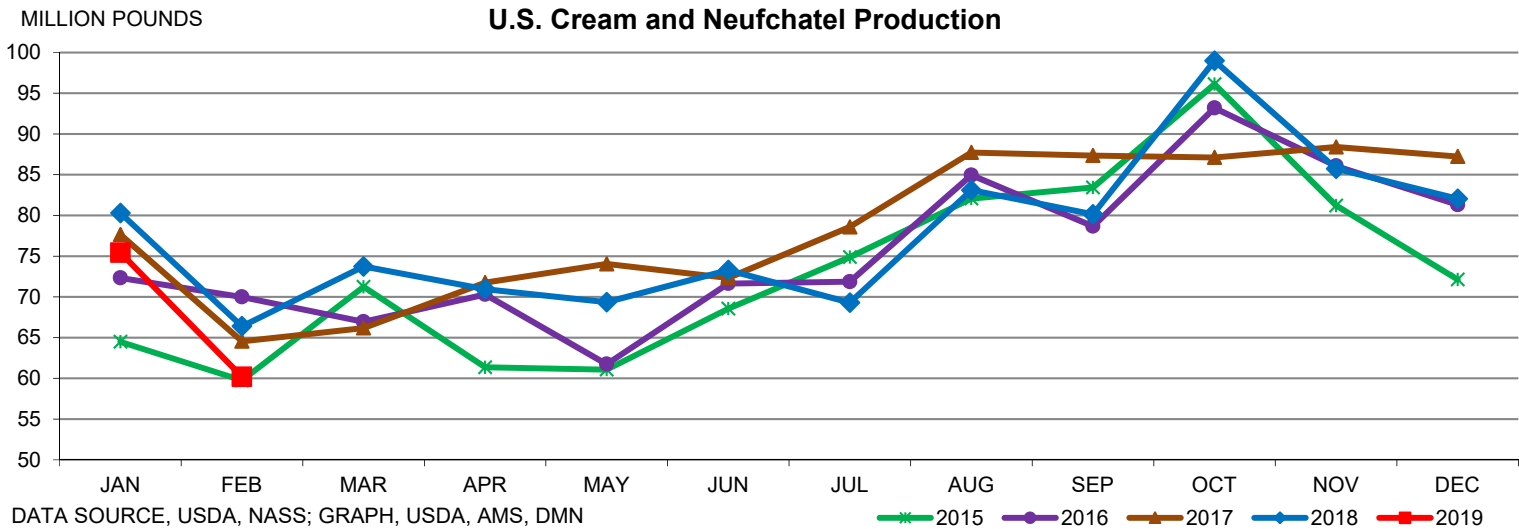
## Mailbox Milk Prices for Selected Reporting Areas in Federal Milk Orders, December 2018, With Comparisons

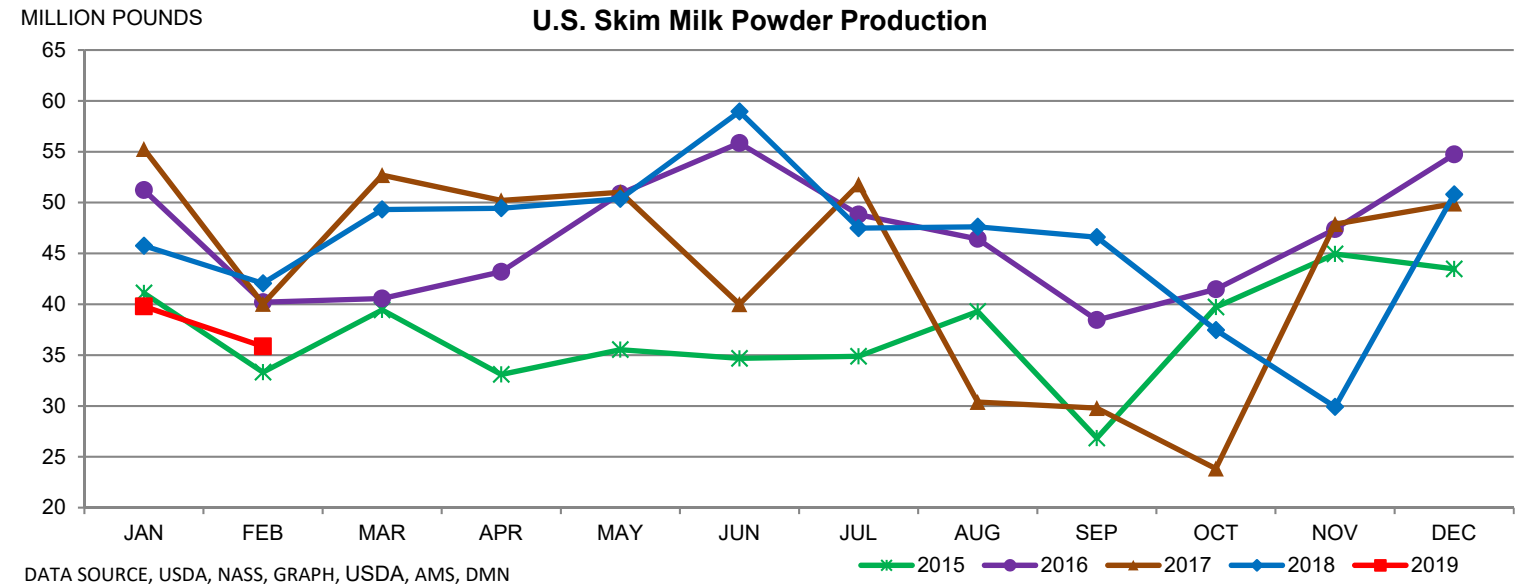
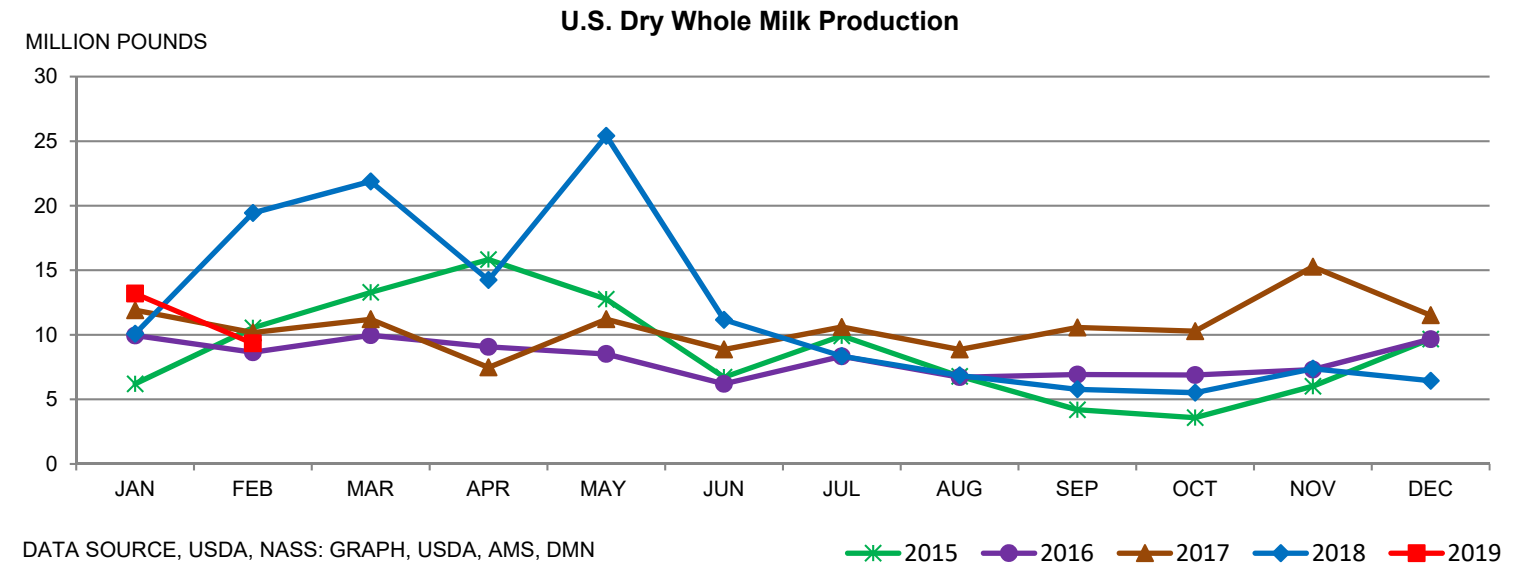
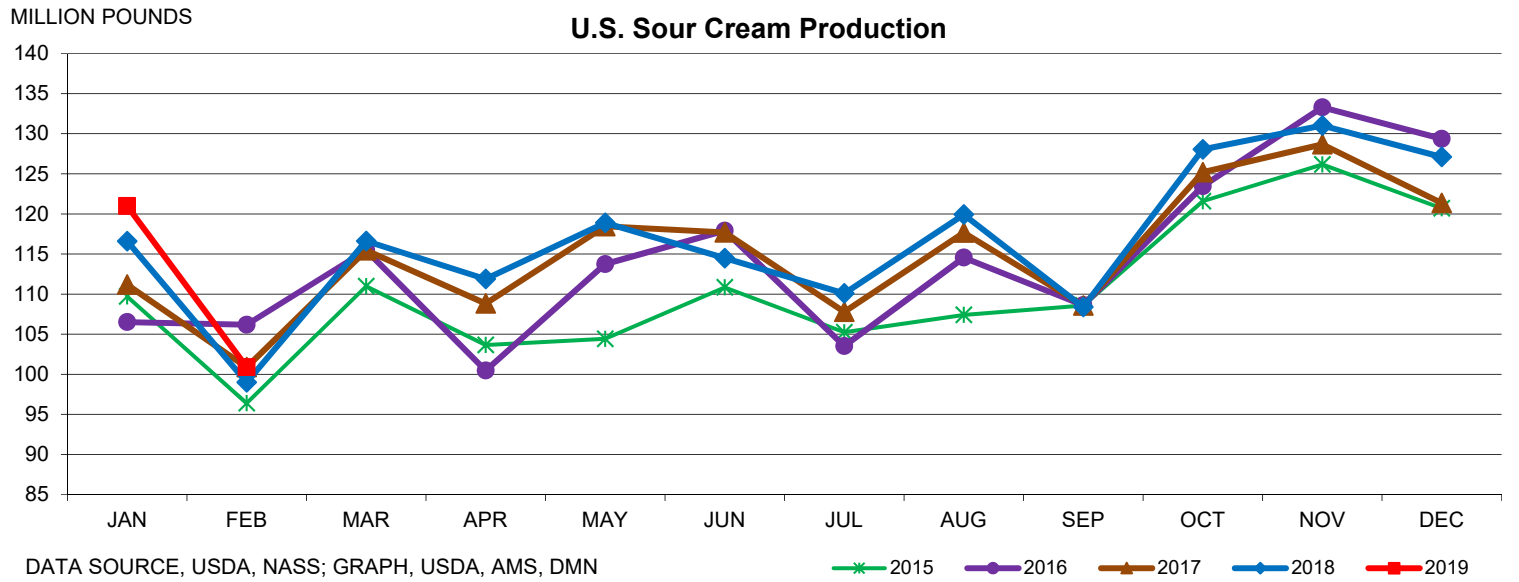
In December 2018, mailbox milk prices for selected reporting areas in Federal milk orders averaged \$16.01 per cwt, down \$0.56 from the November 2018 average, but up \$0.67 from the December 2017 average. When compared to the previous month, the December mailbox prices decreased in all 19 Federal milk order reporting. Decreases from the previous month ranged from \$0.23 per cwt in the New England States region to \$1.14 per cwt in the Southern Missouri reporting area, averaging \$0.58 per cwt over all Federal milk order reporting areas. Mailbox prices in December 2018 ranged from \$13.69 in New Mexico to \$17.90 in Florida. The component tests of producer milk in December 2018 were: butterfat, 4.03%; protein, 3.25%; and other solids, 5.75%. Mailbox statistics do not yet include the new California Order (see footnote 12).

Reporting Area <sup>1</sup>	Mailbox Milk Price <sup>2</sup>		
	Dec 2017	Nov 2018	Dec 2018
	<i>(dollars per hundredweight)</i>		
New England States <sup>3</sup>	18.25	18.12	17.89
New York	16.99	16.95	16.53
Eastern Pennsylvania <sup>4</sup>	16.83	16.78	16.46
Appalachian States <sup>5</sup>	17.90	17.59	16.82
Southeast States <sup>6</sup>	17.82	17.52	16.68
Southern Missouri <sup>7</sup>	18.50	17.97	16.83
Florida	19.27	18.87	17.90
Western Pennsylvania <sup>8</sup>	17.25	16.92	16.57
Ohio	17.26	16.80	16.34
Indiana	16.30	16.75	16.15
Michigan	15.22	15.30	14.80
Wisconsin	17.67	16.78	16.07
Minnesota	17.14	16.65	16.16
Iowa	17.46	16.68	16.24
Illinois	17.80	17.41	16.65
Corn Belt States <sup>9</sup>	16.24	15.44	14.69
Western Texas <sup>10</sup>	16.78	16.00	15.19
New Mexico	15.27	14.34	13.69
Northwest States <sup>11</sup>	17.22	17.05	16.69
California <sup>12</sup>	17.02	NA	NA
All Federal Order Areas <sup>13</sup>	15.34	16.57	16.01

<sup>1</sup> Areas for which prices are reported for at least 75% of the milk marketed under Federal milk orders. <sup>2</sup> Net pay prices received by dairy farmers for milk. Prices reflect all payments received for milk sold and all costs associated with marketing the milk. Prices are weighted averages of the prices reported for all orders receiving milk from the reporting area and are reported at the average butterfat tests. Prices include, for the most part, the assessment under the Cooperatives Working Together (CWT) program. <sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont. <sup>4</sup> Includes all counties to the east of those listed in <sup>8</sup>. <sup>5</sup> Includes Kentucky, North Carolina, South Carolina, Tennessee, and Virginia. <sup>6</sup> Includes Alabama, Arkansas, Georgia, Louisiana, and Mississippi. <sup>7</sup> Includes the counties Vernon, Cedar, Polk, Dallas, Laclede, Texas, Dent, Crawford, Washington, St. Francois, and Perry, and all those to the south of these. <sup>8</sup> Includes the counties of Warren, Elk, Clearfield, Indiana, Westmoreland, and Fayette, and all those counties to the west of these. <sup>9</sup> Includes Kansas, Nebraska, and the Missouri counties to the north of those listed in <sup>7</sup>. <sup>10</sup> Includes all counties to the west of Fanin, Hunt, Van Zandt, Henderson, Houston, Cherokee, Nacogdoches, and Shelby. <sup>11</sup> Includes Oregon and Washington. <sup>12</sup> The California Federal Milk Marketing Order became effective on November 1, 2018. Prior to November 2018, the CA mailbox price was calculated by the California Department of Food and Agriculture. Mailbox price data for November and December 2018 are not yet available. <sup>13</sup> Weighted average of prices for all reporting areas (excluding California in November and December 2018).











## Dairy Market News Branch

Agricultural  
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# National Retail Report-Dairy

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

Volume 86- Number 14

Issued Weekly

Friday, April 5, 2019

### Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 04/05/2019 to 04/11/2019

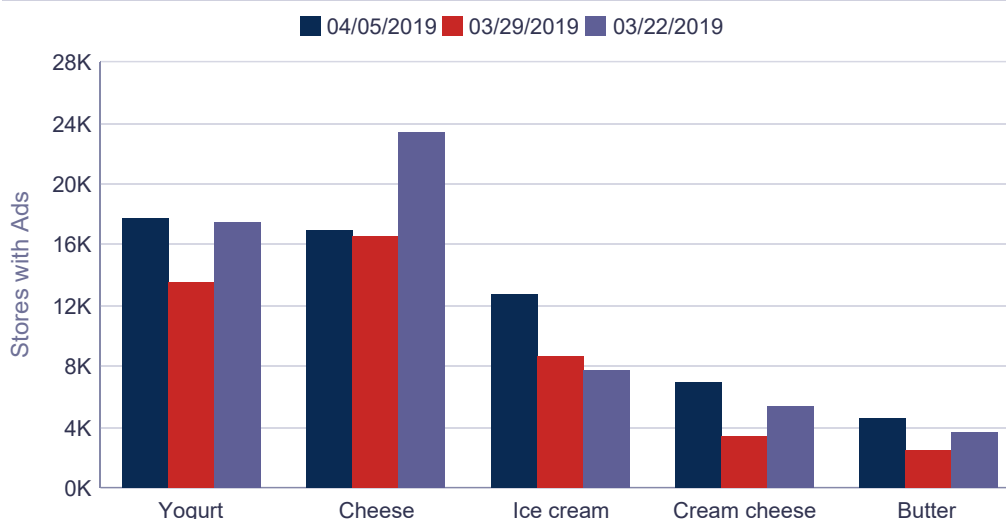
The most advertised product/category this week is conventional ice cream in 48-64 oz. containers. Ad numbers increased 46 percent. The weighted average advertised price, \$2.86, decreased 22 cents from last week. Ad numbers for conventional cream cheese in 8 oz. packages nearly doubled. The weighted average advertised price, \$1.52, is down 8 cents. Organic 8 oz. cream cheese averages 2.62, a \$1.10 organic price premium.

The national weighted average advertised price for conventional milk half gallons is \$2.03, compared to \$4.20 for organic milk half gallons, an organic price premium of \$2.17. Conventional half gallon milk ad numbers increased 162 percent. Organic half gallon milk ad numbers increased 53 percent. There are over four times more ads for organic half gallons than conventional half gallons.

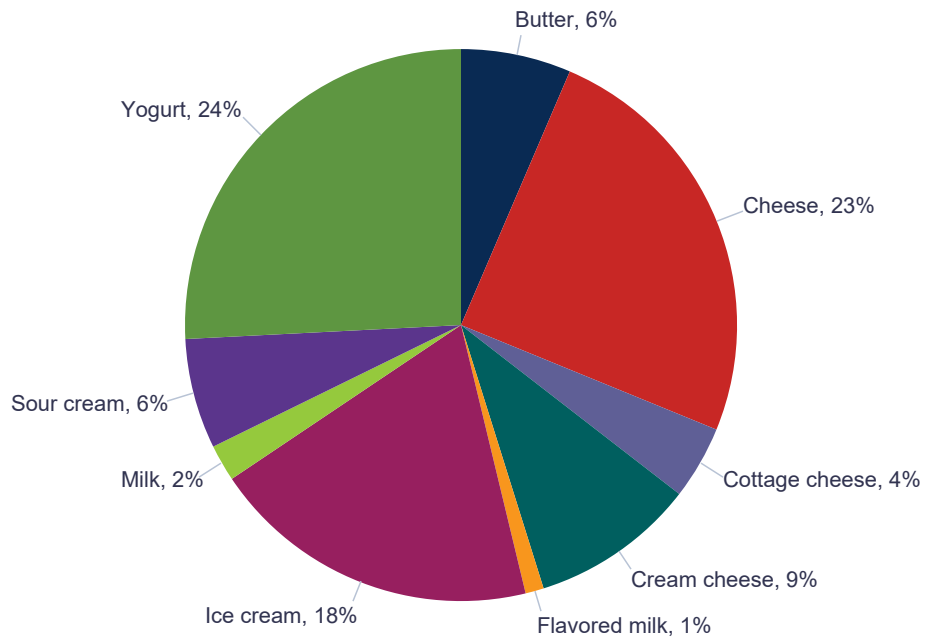
Conventional cheese ad numbers are steady. The weighted average price for conventional 8 oz. shred cheese is \$2.27, up 13 cents from last week. The weighted average price for 8 oz. block cheese is \$2.26, up 17 cents. Organic 8 oz. block cheese averages \$4.99, a \$2.73 organic price premium.

Conventional yogurt ad numbers increased 33 percent. Organic yogurt ads decreased 2 percent. The weighted average advertised price for conventional yogurt in 4 to 6 oz. containers is \$0.51, down 1 cent from last week. The weighted average price for organic yogurt in 4 to 6 oz. containers, \$1.00, results in a 49-cent organic price premium.

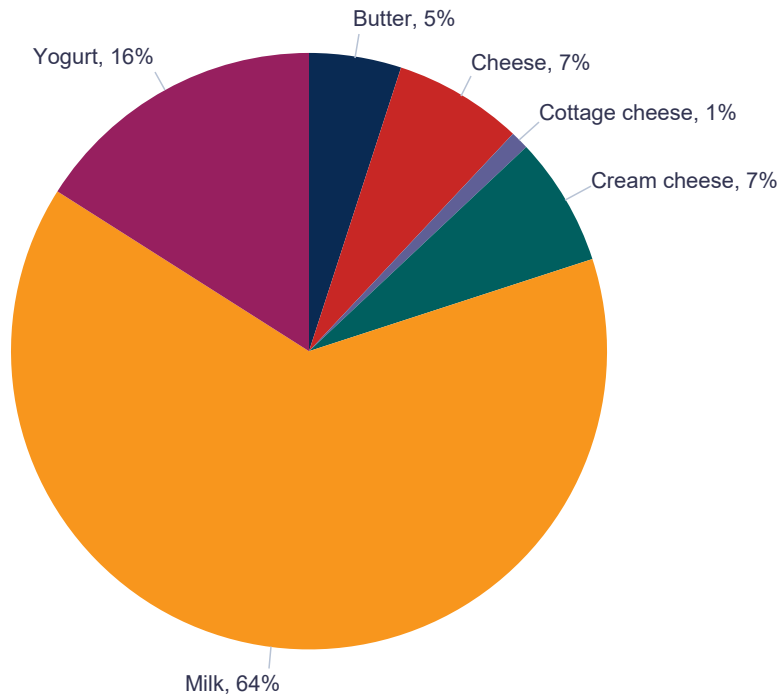
Top 5 Commodities Featured This Week



### Percentage of Total Conventional Ads by Commodity



### Percentage of Total Organic Ads by Commodity





## 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 #	4435	3.31	2142	3.34	3588	3.37
Cheese	Natural Varieties	8 oz block	5802	2.26	4679	2.09	5955	1.87
Cheese	Natural Varieties	1 # block	1652	3.18	2418	3.61	1762	3.73
Cheese	Natural Varieties	2 # block	1271	6.17	260	6.26	1472	5.47
Cheese	Natural Varieties	8 oz shred	6371	2.27	7347	2.14	6264	1.93
Cheese	Natural Varieties	1 # shred	1480	3.65	1816	3.40	1024	4.16
Cottage cheese		16 oz	3071	2.02	2490	2.12	3091	1.89
Cream cheese		8 oz	6659	1.52	3478	1.60	5114	1.94
Flavored milk	All fat tests	half gallon	214	2.50	895	2.32	803	2.16
Flavored milk	All fat tests	gallon	432	2.58	57	2.99	137	2.22
Ice cream		48-64oz	12694	2.86	8679	3.08	11148	3.19
Milk	All fat tests	half gallon	438	2.03	167	1.55	1165	2.39
Milk	All fat tests	gallon	931	2.40	669	2.46	1724	2.67
Sour cream		16 oz	4555	1.79	3919	1.76	9908	1.74
Yogurt	Greek	4-6 oz	8198	.97	5850	.94	10276	.96
Yogurt	Greek	32 oz	3460	4.32	1135	4.49	3309	4.34
Yogurt	Yogurt	4-6 oz	4626	.51	4857	.52	5296	.48
Yogurt	Yogurt	32 oz	786	2.79	1010	2.60	1632	2.06

## 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 #	1.99-2.99	837	2.61	2.50-3.50	1920	3.21	2.99-4.39	355	3.77
Cheese	Natural Varieties	8 oz block	1.49-3.50	1955	2.03	1.49-2.54	2087	2.38	2.00-3.50	361	2.77
Cheese	Natural Varieties	1 # block	1.99-2.99	364	2.15	3.50-3.99	788	3.96	2.99	233	2.99
Cheese	Natural Varieties	2 # block	5.99	108	5.99						
Cheese	Natural Varieties	8 oz shred	1.88-3.00	2252	2.28	1.49-2.50	1742	2.18	2.00-3.00	505	2.14
Cheese	Natural Varieties	1 # shred				3.50-4.99	875	4.06	1.77-3.99	527	3.06
Cottage cheese		16 oz	1.66-2.69	1492	1.99	1.99-2.00	1013	2.00	1.66-1.79	329	1.74
Cream cheese		8 oz	0.69-2.50	1946	1.56	1.00-3.00	2133	1.54	1.00-2.00	1476	1.41
Flavored milk	All fat tests	half gallon				2.50	214	2.50			
Flavored milk	All fat tests	gallon							3.19	213	3.19
Ice cream		48-64oz	2.50-3.99	2750	2.89	1.98-3.50	3936	2.55	1.99-4.50	2557	3.04
Milk	All fat tests	half gallon	2.50	245	2.50				0.99	69	.99
Milk	All fat tests	gallon	3.25	60	3.25				1.99-2.50	159	2.16
Sour cream		16 oz	1.50-2.00	1613	1.89	1.50-2.00	2138	1.70	1.49	69	1.49
Yogurt	Greek	4-6 oz	0.75-1.19	2406	.98	1.00	1526	1.00	0.89-1.00	1335	.98
Yogurt	Greek	32 oz	2.99-5.49	1497	4.51	2.99-4.99	1263	4.29	4.99	180	4.99

Wtd Avg - Simple weighted average



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
Yogurt	Yogurt	4-6 oz	0.40-0.60	2001	.51	0.50	1002	.50	0.48-0.60	522	.53
Yogurt	Yogurt	32 oz	2.50-2.99	700	2.78						

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 #	3.99	175	3.99	2.50-4.49	922	3.57	3.99-4.49	174	4.29
Cheese	Natural Varieties	8 oz block	1.49-2.00	466	1.89	2.00-2.99	554	2.72	1.69-1.99	358	1.93
Cheese	Natural Varieties	1 # block	1.49-3.50	206	2.03				3.99	61	3.99
Cheese	Natural Varieties	2 # block	6.99	114	6.99	5.00-7.49	822	6.40	3.99-5.99	227	4.99
Cheese	Natural Varieties	8 oz shred	1.49-2.50	645	2.07	2.00-3.00	869	2.78	1.69-1.99	358	1.93
Cheese	Natural Varieties	1 # shred	2.99	78	2.99						
Cottage cheese		16 oz	2.00	55	2.00	3.00	137	3.00			
Cream cheese		8 oz	0.69-2.29	785	1.34	2.00	178	2.00	2.00	130	2.00
Flavored milk	All fat tests	gallon				1.99	114	1.99	1.99	105	1.99
Ice cream		48-64oz	2.50-3.99	1361	3.11	2.49-4.88	1291	3.00	2.97-3.25	764	3.01
Milk	All fat tests	half gallon	2.50	55	2.50				1.00	69	1.00
Milk	All fat tests	gallon	1.99-3.49	314	2.70	1.99-2.49	293	2.19	1.99	105	1.99
Sour cream		16 oz	1.66-2.00	186	1.86	1.99	383	1.99	1.25-1.89	166	1.49
Yogurt	Greek	4-6 oz	0.78-1.00	916	.94	0.75-1.00	1896	.92	0.80	69	.80
Yogurt	Greek	32 oz	2.99-4.99	320	3.69	3.49	200	3.49			
Yogurt	Yogurt	4-6 oz	0.40-0.77	429	.51	0.38-0.54	506	.47	0.50	166	.50
Yogurt	Yogurt	32 oz				2.50	62	2.50			

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 #	5.29	28	5.29	3.99	24	3.99
Cheese	Natural Varieties	8 oz block	3.50	21	3.50			
Cottage cheese		16 oz	2.29	21	2.29	2.69	24	2.69
Cream cheese		8 oz	1.99	11	1.99			
Ice cream		48-64oz	4.00	11	4.00	4.00	24	4.00
Yogurt	Greek	4-6 oz	1.00-2.00	50	1.62			
Yogurt	Yogurt	32 oz				3.99	24	3.99

## 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
Butter		1 #	214	6.49	343	5.37	383	4.83
Cheese	Natural Varieties	8 oz block	178	4.99			84	3.87
Cheese	Natural Varieties	1 # shred	127	3.49				
Cottage cheese		16 oz	51	3.49			378	4.12
Cream cheese		8 oz	294	2.62			189	2.85
Flavored milk	All fat tests	half gallon					180	2.50
Ice cream		48-64oz					216	6.37
Milk	All fat tests	half gallon	1912	4.20	1247	4.33	2919	3.54
Milk	All fat tests	gallon	599	6.41	147	6.99	266	7.10
Milk	All fat tests	8 oz UHT	166	.94	61	.83		
Yogurt	Greek	4-6 oz					1155	1.23
Yogurt	Greek	32 oz	170	5.08	322	5.99	308	6.38
Yogurt	Yogurt	4-6 oz	246	1.00	108	.87	852	.81
Yogurt	Yogurt	32 oz	243	3.50	241	3.50	1144	3.57

## 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
Butter		1 #				6.49	214	6.49			
Cheese	Natural Varieties	1 # shred							3.49	127	3.49
Cream cheese		8 oz							2.50	116	2.50
Milk	All fat tests	half gallon	2.50-4.49	599	4.09	3.50-4.99	710	4.09	3.99	329	3.99
Milk	All fat tests	gallon	7.99	147	7.99						
Milk	All fat tests	8 oz UHT				0.83	61	.83			
Yogurt	Greek	32 oz	3.50-5.99	170	5.08						
Yogurt	Yogurt	32 oz	3.50	243	3.50						

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				4.99	178	4.99			
Cottage cheese		16 oz	3.49	51	3.49						
Cream cheese		8 oz				2.69	178	2.69			
Milk	All fat tests	half gallon				4.99	274	4.99			

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
Milk	All fat tests	gallon	5.99	118	5.99	5.99-6.99	229	6.26	5.00	105	5.00
Milk	All fat tests	8 oz UHT							1.00	105	1.00
Yogurt	Yogurt	4-6 oz				1.00	246	1.00			

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

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



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