

## DAIRY MARKET NEWS AT A GLANCE

### CME GROUP CASH MARKETS (2/22)

**BUTTER:** Grade AA closed at \$2.2600. The weekly average for Grade AA is \$2.2544 (+.0019).

**CHEESE:** Barrels closed at \$1.4050 and 40# blocks at \$1.5950. The weekly average for barrels is \$1.4150 (-.0090) and blocks, \$1.5950 (+.0205).

**NONFAT DRY MILK:** Grade A closed at \$.9975. The weekly average for Grade A is \$.9925 (N.C.).

**DRY WHEY:** Extra grade dry whey closed at \$0.3475. The weekly average for dry whey is \$0.3538 (+.0083).

**BUTTER HIGHLIGHTS:** The wintry weather has not slowed butter production across the nation, at least for this week. Print/bulk butter output remains active in all regions. Inventories are building into cold storage for later usage, especially in the summer season when butterfat is usually scarce. At this point, cream supplies remain readily available for butter churning and most Class II processing needs. Butter demands from retailers, wholesalers, and food service vary in every region from fair to good. 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, 2.0 cents to 7.5 cents over the market, with various periods and averages used.

**CHEESE HIGHLIGHTS:** Cheese production is going strong in most of the country. Some curd/barrel producers in the Midwest relay they have ebbled production recently in order to manage inventories, and they are awaiting spring/summer related demand upticks before they increase production. However, with readily available and discounted milk, most cheese plant managers report maintaining an active workweek. Spot milk prices were typically discounted, but the overall range was at Class to \$2 under. Demand is mixed intra-regionally in the Midwest and West. Western contacts say domestic demand is healthy, and some Middle Eastern buyers have increased ordering. Cheese markets have maintained some of their momentum from the past two weeks. Barrel prices have slipped a little this week, but there is some strength in the market tone.

**FLUID MILK:** Bottled milk intakes are steady to declining in the East due to the closing of some schools for the spring break and the preparation of other schools to close soon. In the Midwest, and most of the West, Class I demand is stable. Bottling milk sales are back to pre-storms' levels in the Pacific Northwest. Farm milk output is stable to increasing across the nation. Weather outcomes are not great in the Northeast, but right now, they are not affecting milk production volumes, whereas in the Pacific Northwest, the dairy industry is slowly recovering from last week storms. Currently, milk volumes are

adequate to meet processing needs in all the regions of the U.S. However, in the Pacific Northwest, inconsistency in milk deliveries are affecting the functioning of some plants. Cream is plentiful in the country, and all requests can be satisfied without any issue. Churning is ongoing. Cream multiples for all Classes are **1.07-1.20** in the East, **1.10-1.21** in the Midwest, and **1.00-1.15** in the West.

**DRY PRODUCTS:** Low/medium heat nonfat dry milk prices narrowed in the West, whereas they widened in the Central and the East. Trading is flat to lower as the wait and see approach seems best suited for many market players. Inventories are stable to increasing while production remains active. High heat nonfat dry milk prices are unchanged in the East and Central, but moved up at the bottom of the range in the West. Drying schedules are irregular. Dry buttermilk values are the same as last week in all the regions. Demand is good in the Central, while it is lighter in the West and the East. The market undertone is generally firm. Production is irregular, but it is becoming more active in the Central and the East. Dry whole milk prices are steady with domestic prices above global market values. Stocks are sufficient to satisfy all demand. Spot market activities are light. In the Central and East, dry whey prices decreased a tad, while maintaining their stability in the West. Inventories go from light to more available depending on the region. Export sales are slower than usual. There has been some production shift from whey permeate to dry whey in the West. WPC 34% spot demand is slower. Supplies are plentiful in the market, except for prestigious varieties which are not always available. Lactose prices and sales are level. The substitutable types of lactose are undergoing pricing pressures. U.S. lactose is largely contracted, so spot availability is limited. The competition between U.S. and E.U. lactose is increasing as the E.U. enter more markets. Rennet casein prices remained flat while acid casein prices increased at the bottom of the range. Ukraine is planning to increase acid casein output in the hope of expanding exports to the U.S.

**ORGANIC DAIRY MARKET NEWS:** Organic Milk Product Sales. The Agricultural Market Service (AMS) reports total organic milk products sales, for December 2018 were 219 million pounds, up 2.0 percent from December 2017 and up 0.6 percent, January-December 2018, compared with the same period in 2017. Total organic whole milk sales for December 2018 are 94 million pounds, up 5.8 percent compared with December last year and up 5.0 percent compared with the same period in 2017.

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### DAIRY MARKET NEWS PRICE SUMMARY FOR FEBRUARY 18 - 22, 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	0.9600	1.0275	0.9800 1.0100	Central/East	0.9600	1.0375		Central/West	0.2000	0.4500	0.3100 0.4200
Change	N.C.	0.0075	-0.0050 N.C.	Change	N.C.	N.C.		Change	N.C.	N.C.	N.C.
Central High Heat	1.0700	1.1300		West	0.9200	1.0000	0.9500 0.9700	<b>WPC 34%</b>			
Change	N.C.	N.C.		Change	N.C.	N.C.	N.C. N.C.	Central/West	0.7600	1.0575	0.8350 0.9625
West Low/Med. Heat	0.9500	1.0300	0.9700 1.0200	<b>WHEY</b>				Change	N.C.	N.C.	N.C.
Change	0.0500	N.C.	0.0300 N.C.	Central	0.3600	0.4900	0.3800 0.4800	<b>CASEIN</b>			
West High Heat	1.1000	1.1650		Change	N.C.	N.C.	-0.0200 N.C.	Rennet	2.5675	2.6175	
Change	0.0300	N.C.		West	0.2900	0.5300	0.4000 0.4700	Change	0.0425	0.0150	
<b>DRY WHOLE MILK</b>				Change	N.C.	N.C.	N.C. N.C.	Acid	3.0250	3.1400	
National	1.5500	1.6500		Northeast	0.3700	0.5025		Change	0.0100	N.C.	
Change	N.C.	N.C.		Change	-0.0500	N.C.		<b>ANIMAL FEED WHEY</b>			
								Central	0.3000	0.3800	
								Change	N.C.	N.C.	

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

In the current survey, organic retail advertisements improved by 34 percent. Organic cheese in 8 oz block packages reported the largest percentage shift in ads, at 178 percent. The Southeast region has the biggest percentage change for milk promotions this ad period, at 88 percent. For organic milk, half gallon packages posted the biggest number of ads this week. For organic milk in half gallon packages, prices increased 10 cents compared to the last survey period. The current retail milk price spread between organic and conventional half gallon milk is an organic premium of \$2.18. The price spread moved up \$0.47 compared to the prior retail survey.

**NATIONAL RETAIL REPORT (DMN):** The total number of conventional dairy advertisements decreased by 1 percent, but organic dairy ads increased by 34 percent. Conventional yogurt in 32 ounce containers is \$2.66, while organic yogurt in 32 ounce containers held a premium of \$1.10 and has a weighted average price of \$3.76. The total number of conventional milk ads dropped 72 percent, while the total number of organic milk advertisements increased 52 percent. Conventional cheese ad numbers increased 11 percent and organic cheese ads increased 39 percent.

**DECEMBER MILK PRODUCTION (NASS):** Milk production in the 23 major States during December totaled 17.1 billion pounds, up 0.9 percent from December 2017. November revised production at 16.4 billion pounds, was up 0.8 percent from November 2017. The November revision represented a decrease of 3 million pounds or 0.1 percent from last month's preliminary production estimate. Production per cow in the 23 major States averaged 1,966 pounds for December, 23 pounds above December 2017. This is the highest production per cow for the month of September since the 23 State series began in 2003. The number of milk cows on farms in the 23 major States was 8.72 million head, 21,000 head less than December 2017, and 2,000 head less than November 2018. Milk production in the United States during the October - December quarter totaled 53.3 billion pounds, up 0.5 percent from the October - December quarter last year. The average number of milk cows in the United States during the quarter was 9.36 million head, 18,000 head less than the July - September quarter, and 41,000 head less than the same period last year.

**DECEMBER AGRICULTURAL PRICES HIGHLIGHTS (NASS):** The All Milk price received by farmers was \$16.40 in December, down \$0.80 from December 2017. The alfalfa hay price was \$180.00 in December, up \$31.00 from December 2017. The corn price was \$3.54 in December, up \$0.31 from December 2017. The soybean price was \$8.57 in December, down \$0.73 from December 2017. The milk-feed price ratio was 2.04 in December, down 0.34 from December 2017. The index of prices received by farmers for dairy products during the month of December 2018 was down 3 to 81.6. Compared to December 2017, the index was down 4 points (-4.7 percent). The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in December 2018 was up 0.2 points to 109.2. Compared with December 2017, the index was up 1.8 points (1.7 percent).

**JANUARY MARKET AND UTILIZATION SUMMARY (USDA):** During January 13.9 billion pounds of milk were received from Federally pooled producers. This volume of milk is 14.3 percent higher than the January 2018 volume. Regulated handlers pooled 4.1 billion pounds of producer milk as Class I products, up 11.9 percent when compared to the previous year primarily due to the additional Class I milk pooled by the new California Federal Milk Marketing area. Class I utilization decreased from last year in 7 of the 11 Federal Milk Order Marketing areas. The all-market average Class utilization percentages were: Class I = 29 percent, Class II = 9 percent, Class III = 52 percent, and Class IV = 10 percent. The weighted average statistical uniform price was \$15.50 per cwt, up \$0.19 from last month and up \$0.32 from January 2018.

**MARCH FEDERAL MILK ORDER ADVANCED PRICES (FMMO):** Under the Federal milk order pricing system, the base Class I price for March 2019 is \$15.98 per cwt. This price is derived from the advanced Class IV skim milk pricing factor of \$7.25 and the advanced butterfat pricing factor of \$2.5670. A Class I differential for each order's principle pricing point (county) is added to the base price to determine the Class I Price. The advanced Class IV skim milk pricing factor is \$7.25. Thus, the Class II skim milk price for March 2019 is \$7.95 per cwt, and the Class II nonfat solids price is \$0.8833. The two-week product price averages for March 2019 are: butter \$2.2912, nonfat dry milk \$0.9811, cheese \$1.3769 and dry whey \$0.4616.

**NOVEMBER MAILBOX PRICES (USDA, FMMO, CDFA):** In November 2018, mailbox milk prices for selected reporting areas in Federal milk orders (not yet including the new California Order, see footnote 12) averaged \$16.57 per cwt, down \$0.46 from the October 2018 average and down \$1.23 per cwt from the November 2017 average. The component tests of producer milk in November 2018 were: butterfat, 4.03 percent; protein, 3.28 percent; and other solids, 5.75 percent. When compared to the previous month, the November mailbox prices increased in 4 and decreased in 15 of the 19 Federal milk order reporting areas (See footnote 12). The Southern Missouri reporting area reported the largest increase of \$0.86 per cwt from the previous month while the Iowa reporting area reported the largest decrease of \$1.02 per cwt from the previous month. Averaged over all Federal milk order reporting areas (See footnote 12), the November 2018 mailbox milk price decreased an average of \$1.08 per cwt. Mailbox prices in November 2018 ranged from \$18.87 in the Florida reporting area to \$14.34 in the New Mexico reporting area.

**RETAIL PRICES FOR CONVENTIONAL AND ORGANIC MILK, FEBRUARY 2019 (FMMO):** A survey of retail prices conducted by the Federal Milk Market Order administrators found conventional whole milk prices for February 2019 average \$3.26 per gallon. February organic whole milk prices average \$4.06 per half gallon. In February, conventional reduced fat (2%) milk gallons average \$3.19 and organic reduced fat (2%) milk half gallons average \$4.06.

COMMODITY	MONDAY FEB 18	TUESDAY FEB 19	WEDNESDAY FEB 20	THURSDAY FEB 21	FRIDAY FEB 22	::	WEEKLY CHANGE	::	WEEKLY AVERAGE
CHEESE									
BARRELS	No Trading	\$1.4325 (-0.0025)	\$1.4175 (-0.0150)	\$1.4050 (-0.0125)	\$1.4050 (N.C.)	::	(-0.0300)	::	\$1.4150 (-0.0090)
40 POUND BLOCKS	No Trading	\$1.5950 (+0.0150)	\$1.5950 (N.C.)	\$1.5950 (N.C.)	\$1.5950 (N.C.)	::	(+0.0150)	::	\$1.5950 (+0.0205)
NONFAT DRY MILK									
GRADE A	No Trading	\$0.9875 (N.C.)	\$0.9875 (N.C.)	\$0.9975 (+0.0100)	\$0.9975 (N.C.)	::	(+0.0100)	::	\$0.9925 (N.C.)
BUTTER									
GRADE AA	No Trading	\$2.2500 (N.C.)	\$2.2575 (+0.0075)	\$2.2500 (-0.0075)	\$2.2600 (+0.0100)	::	(+0.0100)	::	\$2.2544 (+0.0019)
DRY WHEY									
EXTRA GRADE	No Trading	\$0.3550 (+0.0025)	\$0.3600 (+0.0050)	\$0.3525 (-0.0075)	\$0.3475 (-0.0050)	::	(-0.0050)	::	\$0.3538 (+0.0083)

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

Hazardous weather conditions are hitting the Northeast this week. There are little to no reports of operational issues, yet market participants are prepared for disruptions in the region. Cream availability is unchanged, as supplies are accessible for production needs. The cream demand is steady to soft. Some butter manufacturers are not purchasing on the spot market, as heavy milk volumes are clearing into their intakes. Butter churns are active in the region at this time. Manufacturers are making both salted and unsalted butter. Inventories are balanced to growing a bit. Market activity is steady to a bit higher. Spot prices are fairly unchanged. Some industry contacts report that current spot prices are reasonably positive. Market conditions are fairly steady this week. The bulk butter price is reported 5 cents to 8 cents over the market of the CME Group, with various time frames and averages used.

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

Secondary Sourced Information:

Tuesday's CME Group butter price closed the day at \$2.2500, down \$.0050 from the previous Tuesday's closing price.

### CENTRAL

Butter analysts continue to point out the range-bound nature of the butter markets since, and throughout much of, 2018. They suggest it is difficult to anticipate any nuanced market dynamics until butter markets drop below \$2.1750 or rise above \$2.32. Furthermore, they think spring holidays could be a potential catalyst for a market shift. Butter producers also suggest similar situations week over week. Demand is steady, while production

continues actively in order to pack away inventories. Cream accessibility is unchanged, as butter churners are clearing plentiful cream supplies. Butter producers also report little to no difficulty in securing cream at reasonable prices.

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

### WEST

Butter production is solid despite the cold temperatures reported last week and partly this week in some parts of the West. Milkfats and other milk components have decreased in the affected zones, whereas in other areas, they have remained strong. Cream cheese production is becoming more active ahead of the upcoming holiday. However, throughout the West, cream is still readily available for the making of butter. Both print and bulk butter markets are in good standing. Bulk butter inventories continue to build up, but according to manufacturers, they are not overwhelming. On the other hand, there was a seasonal slowdown in butter requests from the food service market as trips to eateries decline due to the weather, but demand from the retail sector has maintained its strength. Bulk butter prices are firm, upholding a range of 2 to 7.5 cents over the market.

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

Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0200 - +0.0750

Secondary Sourced Information:

The Grade AA butter price at the CME Group on Wednesday closed at \$2.2575, compared to last week's weekly average price of \$2.2525

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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
02/16/2019	2.2977 4,689,415	1.4662 10,997,388	1.2969 13,199,079	.4537 7,157,123	.9809 17,861,504

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**National Retail Report Dairy – Butter Summary**

Advertised Prices at Major Retail Supermarket Outlets ending  
period of 2/15/2019 to 2/21/2019

Butter 1# National	<u>Weighted Average Price</u>		
	This Period	Last Week	Last Year
Organic	\$5.29	\$5.18	\$5.25
Conventional	\$3.75	\$3.58	\$3.51

Regional (Conventional)	<u>Prices This Period</u>		
	Wtd. Ave.	Low	High
Alaska	\$4.50	\$4.50	\$4.50
Hawaii	\$3.99	\$3.99	\$3.99
Midwest	\$2.99	\$2.99	\$2.99
Northeast	\$3.60	\$2.99	\$4.99
Northwest	\$3.74	\$3.49	\$3.99
South Central	\$3.36	\$2.50	\$4.00
Southeast	\$3.98	\$3.98	\$3.98
Southwest	\$4.00	\$2.99	\$4.99

## CHEESE MARKETS

## NORTHEAST

A snow storm is making its way to the Northeast. Some market participants are anticipating potential transportation disruptions. Milk production is picking up in parts of the Northeast. Milk loads are keeping manufacturers' intakes fairly full. Cheese makers are clearing all the milk they need to run full production schedules. Cheddar, mozzarella and provolone cheese production is active in the region. Inventories are stable to growing. A few operations have decreased their supplies currently. Cheddar cheese block and barrel spot prices have somewhat strengthened. Spot trading activity is steady to a bit increased. Also, cheddar cheese prices on the GDT event are showing signs of strength. Northeast wholesale cheese prices for cheddar and Muenster shifted higher by \$.0875, also the process cheese prices moved up by \$.0975. The Grade A Swiss price is unchanged this week.

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

Cheddar 40 pound Block	2.0300-2.3150
Muenster	2.0150-2.3650
Process American 5 pound Sliced	1.5575-2.0375
Swiss 10-14 pound Cuts	3.0550-3.3775

## MIDWEST

Midwestern cheesemakers' demand reports run the gamut this week. Some pizza cheesemakers relayed sales were a little ahead of expectations, while curd and barrel cheese producers are hopeful for some summer demand increases before production increases will be scheduled. Milk remains plentiful, and nearly all Class III spot loads were reported at discounted prices: flat to \$2 under Class. Cheesemakers in rural areas of the upper Midwest remain concerned about smaller dairy farms shuttering. They relay closures are not a matter of if, but when, for a growing number of sub-100 cow herds. Cheese market tones are displaying positivity after a somewhat bleak fall 2018/winter 2019. Midwestern wholesale prices are unchanged for Swiss Cuts, up \$.0975 for barrels and up \$.0875 for other types.

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

Blue 5 pounds	2.2050-3.2750
Brick 5 pounds	1.9375-2.3625
Cheddar 40 pound Block	1.6600-2.0600
Monterey Jack 10 pounds	1.9125-2.1175
Mozzarella 5-6 pounds	1.7375-2.6775
Muenster 5 pounds	1.9375-2.3625
Process American 5 pound Loaf	1.5125-1.8725
Swiss 6-9 pound Cuts	2.5700-2.6875

## WEST

Western cheesemakers report mixed demand. Some contacts suggest there is strong cheese demand domestically and in select international markets, in particular, some parts of the Middle East. Others imply cheese interest to be adequate, ok, but not great, and any new business is generally hard to get. Contacts say contracted cheese orders are steady. There is plenty of milk to be made into cheese, and vats are running at or near full capacity. However, as stocks are already heavy, cheese manufacturers are careful to not build inventory. In the West, wholesale prices were up \$.0975 for process, and up \$.0875 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	1.8775-2.0975
Cheddar 40 pound Block	1.6975-2.1400
Monterey Jack 10 pounds	1.8875-2.0475
Process American 5 pound Loaf	1.5000-1.7550
Swiss 6-9 pound Cuts	2.6525-3.0825

## FOREIGN TYPE

German cheese sales remain good, with tight inventories handy at processing facilities for the fulfillment of current orders. Spot demand on short notice can hardly be satisfied, but contractual sales are ongoing and prioritized. In fact, second quarter negotiations have already started. There is currently a modest increase in EU cheese interest from the international market. Altogether, cheese production is unchanged from last week. In the past weeks, cheese prices have been mainly stable in the EU. On the other hand, in Germany, the price tendency is firmer for the forthcoming month. In the U.S., domestic prices for wholesale blue, gorgonzola, parmesan Italy, and Romano increased \$.0875 whereas the prices of other cheese types are steady.

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

VARIETY	NEW YORK	
	IMPORTED	DOMESTIC
Blue	2.6400-5.2300	2.0825-3.5700*
Gorgonzola	3.6900-5.7400	2.5900-3.3075*
Parmesan	-0-	3.4725-5.5625*
Romano	-0-	3.2725-5.4225*
Sardo Romano (Argentina)	2.8500-4.7800	-0-
Reggianito (Argentina)	3.2900-4.7800	-0-
Jarlsberg	2.9500-6.4500	-0-
Swiss	-0-	3.0925-3.4150
Swiss (Finland)	2.6700-2.9300	-0-

\* = Price change.

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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 2/15/2019 to 2/21/2019

Cheese 8 oz. Blocks		<u>Weighted Average Price</u>	
National	This Period	Last Week	Last Year
Organic	\$4.99	\$5.42	\$3.49
Conventional	\$2.17	\$2.32	\$2.34
Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	\$2.50	\$2.50	\$2.50
Hawaii	n.a.	n.a.	n.a.
Midwest	\$2.13	\$1.88	\$2.50
Northeast	\$2.15	\$1.67	\$2.50
Northwest	\$2.29	\$1.88	\$2.99
South Central	\$2.04	\$1.50	\$2.99
Southeast	\$2.27	\$1.50	\$2.99
Southwest	\$1.99	\$1.99	\$1.99

Cheese 8 oz. Shred		<u>Weighted Average Price</u>	
National	This Period	Last Week	Last Year
Organic	\$4.49	n.a.	n.a.
Conventional	\$2.26	\$2.51	\$2.31
Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	\$2.99	\$2.49	\$3.50
Hawaii	n.a.	n.a.	n.a.
Midwest	\$2.16	\$1.88	\$2.50
Northeast	\$2.23	\$1.77	\$3.00
Northwest	\$2.30	\$1.88	\$2.50
South Central	\$2.21	\$1.50	\$3.49
Southeast	\$2.26	\$1.49	\$2.99
Southwest	\$2.38	\$1.99	\$3.00

## FLUID MILK AND CREAM

## EAST

Milk production is picking up in parts of the **Northeast**. Hazardous snowy and icy weather conditions are hitting the region. There are little to no reports of operational difficulties, yet market participants are prepared for disruptions. Milk volumes are readily available for production needs. Manufacturers are receiving adequate milk loads for full production schedules. Class I sales are slightly down this week. Bottlers' milk orders are lower this week as some educational institutions are closed for spring break. **Mid-Atlantic** milk output is level to increasing. Balancing operations continue to have available capacity. **Southeast** milk production is moving up. Class I sales are steady to a bit lower at this time. More milk is moving into manufacturing plants this week compared to last week. Some operations are planning their production schedules accordingly, as more schools will be on spring break in the near future. **Florida** milk output is starting to level off. Class I sales are steady to a bit lower. **Cream** supplies continue to be readily available on the spot market. Multiples currently range 1.07-1.20 in the East. Some manufacturers are not purchasing additional cream loads. Some plants' cream needs are met due to heavy milk volumes clearing into their intakes. The cream market is somewhat soft right now. **Condensed skim** sales are steady to strong. Some manufacturers are focused on condensed skim for contract and spot requests.

Northeastern U.S., F.O.B. Condensed Skim

Price Range - Class II; \$/LB Solids: 0.70 - 0.76

Price Range - Class III; \$/LB Solids: 0.70 - 0.75

Northeastern U.S., F.O.B. Cream

Multiples Range - All Classes: 1.0700 - 1.2000

Price Range - Class II; \$/LB Butterfat: 2.4102 - 2.7030

## MIDWEST

Milk and cream availability continues to inch up week by week. Bottlers report steady, lackluster intakes. Cheesemakers relay milk is available, but there were some flat Class prices reported, although more are coming in at around \$1 under Class III. All said, the range this week was flat to \$2 under Class. Campestral cheesemakers in the Midwest say a number of smaller farm milk suppliers are set to close when the weather warms some and feed rations are depleted. **Cream** is readily available for all uses. Butter makers are churning plentiful cream intakes, while ice cream production has yet to take off. Ice cream contacts are hopeful early spring popular items at large chain restaurants should pick up ice cream production near-term. Fluid milk and cream contacts find the current situation of increasing milk and cream availability, while farms close at a clip, to be disheartening.

Midwestern U.S., F.O.B. Cream

Multiples Range - All Classes: 1.1000 - 1.2100

Price Range - Class II; \$/LB Butterfat: 2.5904 - 2.7255

Multiples Range - Class II: 1.1500 - 1.2100

## WEST

In **California**, milk output is following seasonally strong tendency. However, with the recent heavy and consistent rains, some industry participants are suggesting that milk output might curve as weeks go by if weather conditions don't change. Meanwhile, balancing schedules remain full. Fluid milk demand has been steady for several

weeks. **Arizona** fluid milk demand is stable along cyclical lines. Class IV sales are stable, compared to the previous week. Some producers are opting to churn their cream in lieu of selling it. Milk production is within expectations and handlers are managing their milk supplies within the state. Processing facilities are running at or close to full capacities. In **New Mexico**, more milk is moving into cheese vats. Class I orders have improved this week, but Class II requests have come down a bit. Minor repair and maintenance works continue to derail milk processing schedules. However, handlers have set up back up hauling capacities to move the excess of milk to facilities that can take on extra loads. This week, milk production is mostly stable. Milk production and hauling in the **Pacific Northwest** are slowly getting back to normal following the large winter storms last week. Industry contacts say irregular load deliveries are still creating challenges for some manufacturing. Milk handlers are trying to best resume normalcy in order to balance out the milk intakes. Some road conditions in the Cascades are slowing shipments of milk. Bottling demand has returned to seasonal levels, but milk processors are working to catch up and refill the bottled milk pipelines. A large dairy farm held a liquidation sale this week. Dairy contacts say favorable replacement cow prices were not always enough to entice dairy farmers, cautious from years of low milk prices, to make purchases. Significant portions of the liquidated herd were sent to slaughter or sold at beef market prices. Milk production in the mountain states of **Idaho**, **Utah** and **Colorado** is seasonally steady. Industry contacts suggest that because cull cow prices are not attractive, some dairy farmers are choosing to hang onto cows and not moving them out. However, industry contacts also report that a few farmers purchased cattle at a recent herd dispersal sale in order to clean up their own herd or cycle cows through the end of their lactations. Manufacturers report plenty of milk available for processing and many facilities are running at or near full capacity. Milk intakes are in relatively good balance with only a few loads being discounted and looking for processing homes. The snow pack is building and dairy farmers are growing more confident that water for irrigation will be readily available come spring. **Condensed skim** is still actively flowing into Class III and ice cream production. Influx of condensed skim from other states to California continues. **Cream** usage for Class II production needs has started to increase in preparation for the upcoming holiday. Nonetheless, many loads of cream continue to find their way to the churns. Cream multiples for all Classes remains at 1.00-1.15.

Western U.S., F.O.B. Cream

Multiples Range - All Classes: 1.0000 - 1.1500

## Secondary Sourced Information:

Milk pooled on the Pacific Northwest Order 124 totaled 769.9 million pounds in January 2019. Class I utilization accounted for 20.4 percent of producer milk. The uniform price was \$15.15, up \$0.19 from last month, and \$0.83 above the same month a year ago.

Milk pooled on the Arizona Order 131 totaled 445.9 million pounds in January 2019. Class I utilization accounted for about 24.6 percent of producer milk. The uniform price was \$15.60, up \$0.30 from last month, and \$1.04 above the same month a year ago.

The NASS Milk Production report noted December 2018 milk production in the 23 selected states was 17.1 billion pounds, 0.9 percent above a year ago. Milk cows in the 23 selected states totaled 8.72 million head, 21,000 head less than a year ago. The following table shows western states included in the report and the monthly milk production changes compared to a year ago:

CONTINUED ON PAGE 4A

## FLUID MILK AND CREAM

## CONTINUED FROM PAGE 4

December 2018 Milk Production, (USDA-NASS)

	(Million Lb.)	% Change From 1 Year Ago
Arizona	422	- 1.4
California	3425	+ 1.7
Colorado	391	+ 6.0
Idaho	1265	+ 4.9
New Mexico	670	- 2.8
Oregon	217	+ 4.3
Utah	192	+ 2.1
Washington	567	+ 4.8

## National Retail Report Dairy – Fluid Milk Summary

Advertised Prices at Major Retail Supermarket Outlets ending during the period of 2/15/2019 to 2/21/2019

Half Gallon, All Fat Tests		<u>Weighted Average Price</u>		
National		This Period	Last Week	Last Year
Organic		\$3.97	\$3.98	\$4.19
Conventional		\$2.26	\$1.54	\$2.56

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	\$2.40	\$1.67	\$3.00
Northeast	\$2.17	\$1.99	\$2.50
Northwest	\$2.59	\$2.59	\$2.59
South Central	\$1.79	\$1.67	\$1.89
Southeast	n.a.	n.a.	n.a.
Southwest	\$2.31	\$1.99	\$2.50

Regional (Organic)	Wtd. Ave.	Low	High
Alaska	\$3.39	\$3.39	\$3.39
Hawaii	n.a.	n.a.	n.a.
Midwest	\$3.99	\$3.99	\$3.99
Northeast	\$4.34	\$2.99	\$5.49
Northwest	\$3.59	\$2.50	\$3.99
South Central	\$3.99	\$3.99	\$3.99
Southeast	\$3.65	\$2.99	\$4.28
Southwest	\$3.99	\$3.99	\$3.99

Gallon, All Fat Tests		<u>Weighted Average Price</u>		
National		This Period	Last Week	Last Year
Organic		\$4.70	\$5.62	\$6.26
Conventional		\$3.40	\$2.60	\$2.96

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	\$2.78	\$2.50	\$3.00
Northeast	\$4.12	\$3.99	\$4.29
Northwest	\$2.75	\$2.50	\$2.99
South Central	n.a.	n.a.	n.a.
Southeast	\$3.98	\$3.98	\$3.98
Southwest	n.a.	n.a.	n.a.

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	n.a.	n.a.	n.a.
Northwest	n.a.	n.a.	n.a.
South Central	n.a.	n.a.	n.a.
Southeast	\$4.70	\$4.00	\$4.99
Southwest	n.a.	n.a.	n.a.



## 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 were mixed this week, as markets were somewhat quiescent. As Central region prices in recent weeks have made their above \$1, this week, \$.98 and \$.99 trades were more heavily reported. Production is expected to increase as a number of contacts relay condensed skim markets are about to open up. Producers say demand has backed off slightly. Although a number of contacts suggest Mexican buying has slowed, some sellers suggest they are still sending block volumes to the border. High heat NDM markets remained slower in the Central region. High heat demand is present, but spot inventories remain light. NDM market tones lack certainty.

**EAST:** The low/medium heat nonfat dry milk price range and mostly price series both widened a bit, deciphering a mixed market condition. The manufacturing of low/med heat NDM is ongoing, but focuses on the fulfillment of current needs. Spot transactions are lower as buyers wait to see the direction of the market. Supplies of low/med heat NDM are stable to increasing, and processors are looking for additional sale opportunities wherever they can find them. High heat NDM spot prices are stable, but inventories are very tight. Demand is also weaker, keeping a good balance between sales and offerings. Production of high heat NDM is intermittent and based on contractual orders.

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: .9600 - 1.0275  
Mostly Range - Low & Medium Heat; \$/LB: .9800 - 1.0100

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: 1.0700 - 1.1300

## Secondary Sourced Information:

Wednesday at the CME Group, Grade A NDM closed at \$0.9875, down from last week's weekly average price of \$0.9925.

## NONFAT DRY MILK - WEST

This week, the Western low/medium heat nonfat dry milk (NDM) market has been very quiet in terms of commercial activity. Compared to the previous week, NDM spot values are mixed as some sales pulled up the bottom price of the range and mostly series, following upward SMP pricing movements in some auctions abroad and an increase in the domestic NDM futures values for Q1 and Q2. Albeit the market has been described as silent, ambiguity prevails among several buyers/end users as their market expectations differ from most NDM processors. On the one hand, some buyers are adopting a wait-and-see approach, since, according to them, NDM inventory levels are readily available, above their immediate needs, thus, prices should decrease very soon. In addition, the supply of NDM should continue to increase, especially during spring flush, while demand is expected to remain relatively stagnant. On the other hand, in the short term, some NDM processors anticipate a general improvement in NDM demand and prices ahead of the upcoming spring baking season needs. For several NDM manufacturers, the market is in economic equilibrium and will be strengthened in Q2. Meanwhile, the production of low/medium heat is ongoing encouraged by large regional farm milk intakes. In the case of high heat NDM, prices are also mixed on very light trading. High heat NDM production is sporadic as most processors are focusing on low/medium heat NDM manufacturing.

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: .9500 - 1.0300  
Mostly Range - Low & Medium Heat; \$/LB: .9700 - 1.0200

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: 1.1000 - 1.1650

## DRY BUTTERMILK - CENTRAL AND EAST

**CENTRAL:** Buttermilk powder prices remain steady on somewhat active markets in the region. Dry buttermilk demand is healthy, but spot availabilities are limited. As more churning takes place, condensed buttermilk is easier to locate, and more heavily traded. That said, buttermilk dryers are more active seasonally. When more condensed skim milk begins to enter the market, as contacts suggest will happen near-term, drying time is expected to ebb. Buttermilk powder market tones are firm.

**EAST:** The dry buttermilk spot offerings are tight and market players are saying that they can't always get the number of loads they desire. Drying schedules for buttermilk, although sporadic, have started to increase a bit due to the churning of more butter. However, manufacturers are doing the best they can to fit dry buttermilk processing into their timetables with the intention to mainly fulfill contractual obligations. Spot buying interest is at a low point, and strong prices are not helping. In sum, scheduled demands are in good balanced with supplies.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk  
Price Range ; \$/LB: .9600 - 1.0375

## DRY BUTTERMILK - WEST

In the West region, free on board spot prices for dry buttermilk are steady, compared to the previous week. Spot trading activity has been very light throughout the week as the bulk of sales is driven by contractual needs. The market undertone looks to be in balance, at least for this week. Demands from bakers and salad dressing manufacturers are reported as seasonally fair to good. Drying schedules for condensed buttermilk are sporadic as most balancing plant operators are placing emphasis on converting condensed skim intakes into NDM and SMP. Nevertheless, dry buttermilk inventories are enough to cover most spot/contract needs.

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

Price Range ; \$/LB: .9200 - 1.0000  
Mostly Range - ; \$/LB: .9500 - 0.9700

## DRY WHOLE MILK - NATIONAL

During the past couples of weeks, the national dry whole milk spot prices have remained stationary and the current week is no exception. National prices for dry whole milk are steady and well above WMP international values, limiting competitiveness of several manufacturers when exporting. The domestic market seems to be in balance as the current dry whole milk supply is even with its demand. In this way, inventories are adequate to cover most contractual or spot needs. Meanwhile, the trading activity in the cash market is reported as slow as most sales are based on contracts. For some processors, the market should get better soon as requests from the bakery and confectionery sectors are expected to improve ahead of the spring holidays. Dry whole milk production is stable with expectations to improve as the spring flush approaches.

Prices for: U.S., All First Sales, F.O.B., Conventional, and Edible Dry Whole Milk  
Price Range - 26% Butterfat; \$/LB: 1.5500 - 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 prices shifted lower on the bottom of the mostly price series, while remaining steady elsewhere. Dry whey markets continue in two different directions. Some buyers are finding deals in the upper \$.30s, while reported prices near \$.50 remain in the picture. Producers have suggested inventories continue to flow through contracts, while spot availability is tight. End users have reported there are fewer offers being made this week. That said, markets have wavered nationally and slower exports are affecting the markets bearishly. Feed whey trading was slow this week, as prices went unchanged.

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: .3000 - .3800

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: .3600 - .4900  
Mostly Range - Non-Hygroscopic; \$/LB: .3800 - .4800

**DRY WHEY- NORTHEAST**

In the East, dry whey supplies are more accessible this week. Despite the present lower price trend, several buyers of dry whey are choosing to wait on making any major purchase as they reanalyze market conditions, hoping for further decrease in prices. In addition, the cold weather seems to be influencing ice cream sales which in turn are affecting the demand for dry whey. On the other hand, a few purchasers are taking advantage of lower dry whey prices to increase their holdings. International demand for dry whey has slowed down a bit, raising some concerns about how current trade issues might impact the market.

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: .3700 - .5025

**DRY WHEY- WEST**

Western whey prices held steady this week. While some manufacturers report strong demand, others say buyer interest is quiet. Some industry contacts suggest that as market prices have fallen, inquiries from some domestic and international shoppers have picked up. Buyers are mostly searching out availability and prices for the next few months. Shoppers have been price sensitive and are, in some cases, unwilling to pay above published indices. Whey inventories are tight for some brands, but generally available. Some contacts expect stocks to grow a bit as a few manufacturers opt to make dry whey instead of whey permeate.

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: .2900 - .5300  
Mostly Range - Non-Hygroscopic; \$/LB: .4000 - .4700

**WHEY PROTEIN CONCENTRATE**

Whey protein concentrate 34% prices are unchanged this week. WPC 34% continues to move well through current contracts, but spot activity is slower. While WPC 34% is generally available, more prestigious varieties are in tight supply. End users who need specific brands are eager to assure coverage through the upcoming months. In some cases, they are willing to take on additional shipments as available. Production is steady. However, some manufacturers are

eyeing the improving markets for higher protein concentrates as an opportunity to shift some production away from WPC 34%.

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: .7600 - 1.0575  
Mostly Range - 34% Protein; \$/LB: .8350 - .9625

**LACTOSE**

Prices and demand for lactose are generally steady. Manufacturers report some Q2 contract prices are getting settled at levels comparable to or slightly higher than Q1. However, some industry contacts suggest current spot prices are struggling a bit. Lower mesh lactose that is interchangeable with other carbohydrates is under pricing pressures. Lactose exports from the EU were higher in Q4, creating added competition for U.S. lactose in some markets. Industry contacts say food lactose in the EU is selling at higher prices than infant formula lactose due to tight stocks. U.S. lactose inventories are generally tight, or at least, committed. Manufacturers suggest that because stocks are tight in U.S., and in Europe, the market should continue to be firm. However, the lingering trade issues, African Swine Fever and perceived cooling Chinese economy are creating concerns for lactose manufacturers.

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: .2000 - .4500  
Mostly Range - Non Pharmaceutical; \$/LB: .3100 - .4200

**Secondary Sourced Information:**

At the GDT Event 230 on February 19, the lactose price for the April contract period was \$0.4527 per pound, down 2.9 percent.

**CASEIN**

Rennet casein prices firmed. Acid casein prices firmed at the low end of the price range, but remained steady at the top. Ukraine is in the process of increasing acid casein production for export. Primary export destinations currently are in the EU. However, the United States is planned as a new destination for the expanded casein production.

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: 3.0250-3.1400  
Rennet; Price Range - \$/LB: 2.5675-2.6175

**Secondary Sourced Information:**

Production of casein in Ukraine January-November 2018 was up 10.2 percent from 2017, according to CLAL. Casein and caseinate exports from the EU during 2018, 76,888 MT, are -14.2 percent from 2017, according to Eucolait. EU casein exports each month of 2018 have been down from the same month of 2017. The three primary destinations, percent of 2018 EU casein and caseinate exports, and quantity, are shown in the following table.

Country	% of Total	Quantity MT
United States	+29.4	22,587
Mexico	+13.7	10,507
Russia	+ 7.1	5,456

At GDT event 230 on February 19, 2019, the all contracts rennet casein price, \$2.6036, increased 2.7 percent. The March contract, \$2.5878, increased 1.6 percent.

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

<u>WEEK ENDING</u>	<u>2019 WEEKLY DAIRY COWS</u>	<u>2019 CUMULATIVE DAIRY COWS</u>	<u>2018 WEEKLY DAIRY COWS</u>	<u>2018 CUMULATIVE DAIRY COWS</u>
01/12/2019	69.8	123.0	65.6	119.3
01/19/2019	70.8	193.8	68.1	187.4

**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)

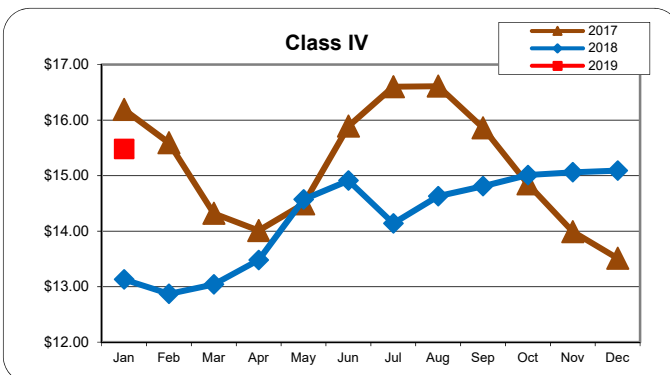
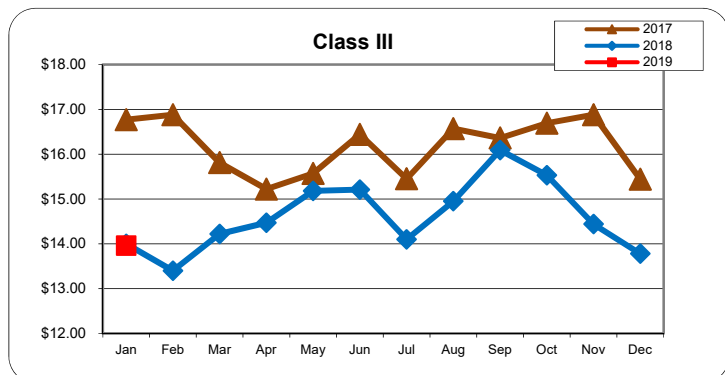
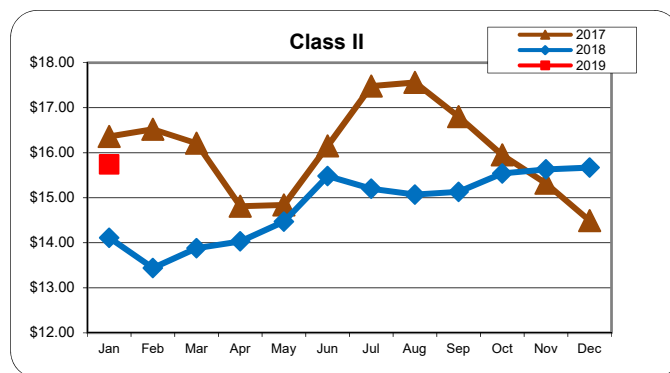
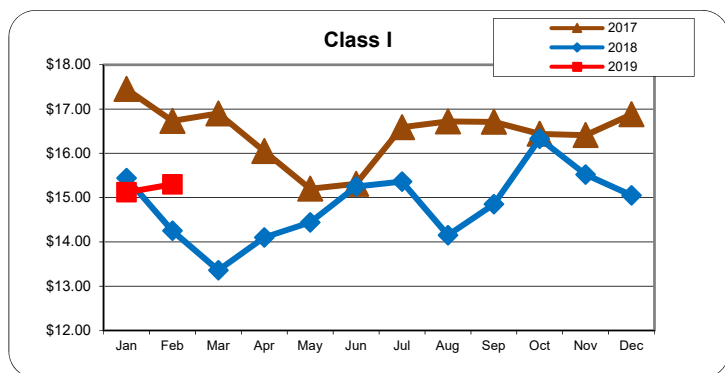
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	21.15	23.35	23.33	24.31	22.57	21.36	21.60	22.25	24.60	23.82	21.94	17.82
2015	16.18	15.46	15.56	15.81	16.19	16.72	16.33	16.27	15.82	15.46	15.30	14.44
2016	13.72	13.80	13.74	13.63	12.76	13.22	15.24	16.91	16.39	14.82	16.76	17.40
2017	16.77	16.88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

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 February 11 - 22, 2019

## ORGANIC DAIRY FLUID OVERVIEW

**Organic Milk Product Sales.** The Agricultural Market Service (AMS) reports total organic milk products sales, for December 2018 were 219 million pounds, up 2.0 percent from December 2017 and up 0.6 percent, January-December 2018, compared with the same period in 2017. Total organic whole milk sales for December 2018 are 94 million pounds, up 5.8 percent compared with December last year and up 5.0 percent compared with the same period in 2017.

ESTIMATED TOTAL U.S. SALES OF FLUID MILK PRODUCTS, DECEMBER 2018, WITH COMPARISONS<sup>1/</sup>

Product Name	Sales		Change <sup>2/</sup>	
	DEC. Mil.	Y-T-D Lbs.	Prev Yr. Percent	Y-T-D Percent

## ORGANIC PRODUCTION PRACTICE

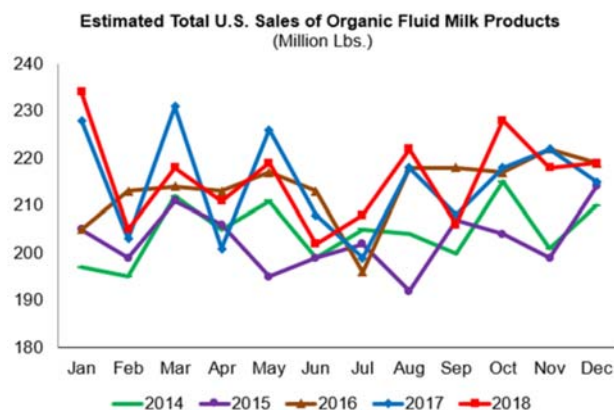
Whole Milk	94	1,061	5.8	5.0
Reduced Fat Milk (2%)	70	827	6.8	4.9
Low Fat Milk (1%)	30	375	-6.1	-3.5
Fat-Free Milk (Skim)	19	228	-7.5	-14.8
Flavored Fat-Reduced Milk	6	100	-27.4	16.0
Other Fluid Milk Products	0	1	1,166.7	-18.1
Total Fat-Reduced Milk 3/	125	1,531	-1.0	-2.2
Tot. Organic Milk Products	219	2,593	2.0	0.6

<sup>1/</sup> These figures are representative of the consumption of fluid milk products in Federal milk order marketing areas, which account for approximately 92 percent of total fluid milk sales in the United States. An estimate of total U.S. fluid milk sales is derived by interpolating the remaining 8 percent of sales from the Federal milk order data.

<sup>2/</sup> Percent changes, as well as sales volumes, unless otherwise noted, are shown on an unadjusted basis.

<sup>3/</sup> Organic fat-reduced milk categories are total of reduced fat, low-fat, skim, and flavored fat reduced milk composition.

<sup>4</sup> Year to Date Sales, Change from Previous Year, and Change in Year to Date figures are influenced by the shift of California from being administered by the California Department of Food and Agriculture (CDFA) to a Federal order (i.e., changes in product classification, etc.). The California Federal Milk Marketing Order became effective on November 1, 2018.



Graph data from Federal Milk Market Administrators, graph by Dairy Market News

**U.S. Organic Market:** Throughout the United States, several organic conferences are taking place. Thousands of organic farmers and individuals in the industry will gather to meet at various locations. At the conferences, there will be numerous education courses and workshops about farming practices and advocating national policies. Furthermore, dozens of market participants will speak about managing organic projects to support and empower the industry.

**Retail Organic Milk Prices for Selected U.S. Cities.** The February 2019 in-store surveys of selected supermarkets in twenty-nine U.S. cities reveal that the price of organic whole milk, in half gallon containers, ranges from \$3.14 in Houston, TX to \$5.54 in St. Louis, MO. The U.S. simple average price for February is \$4.06. The biggest price decreases, over the previous month, occurred in Milwaukee, WI and Syracuse, NY, currently down \$0.80 and \$0.17, respectively.

Below is a table displaying the December 2018 price per half gallon of organic whole milk, for each of the 29 cities surveyed.



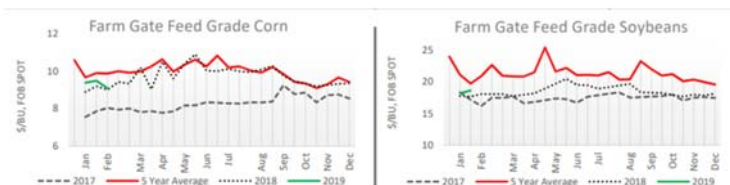
As collected by Federal milk order market administrators, based on a survey conducted one day between the 1st and 10th of each month (excluding Fridays and weekends) in selected cities or metropolitan areas. One outlet of the largest and second largest food store chains and the largest convenience store chain are surveyed. The price represents the most common brand in nonreturnable containers.

The U.S. Department of Agriculture published a proposed rule to amend the National List of Allowed and Prohibited Substances for crops and handling based on propositions in 2018 from the National Organic Standards Board. The proposed rule would allow and/or reclassify several substances including: elemental sulfur, Polyoxin D zinc salt, and magnesium chloride from sea water. The USDA welcomes comments. The comment period will close on April 16, 2019.

For more information, visit <https://www.federalregister.gov/documents/2019/02/15/2019-02518/national-organic-program-proposed-amendments-to-the-national-list-of-allowed-and-prohibited>.

## ORGANIC GRAIN FEEDSTUFF OVERVIEW

**Organic Grain and Feed Market Trend.** Suppliers of feed grade corn and soybeans are seeing light to moderate demand from buyers in the spot market. Feed grade corn sales are trading at lower prices. However, forward contracting for feed corn is active. Transactions are slower for all other organic grains at this time.



Organic Grain				
Commodity	Specifications	Units	Price Range	Average Price
Yellow Corn	Feed Grade #2	\$/bushel	8.75 - 10.50	9.09
	Food Grade #2	\$/bushel	NA - NA	NA
Yellow Soybeans	Feed Grade #1	\$/bushel	NA - NA	18.20
	Food Grade #1	\$/bushel	NA - NA	NA

## ORGANIC DAIRY RETAIL OVERVIEW

In the current survey, organic retail advertisements improved by 34 percent. Organic cheese in 8 oz block packages reported the largest percentage shift in ads, at 178 percent. The Southeast region has the biggest percentage change for milk promotions this ad period, at 88 percent. For organic milk, half gallon packages posted the biggest number of ads this week.

-CONTINUED ON PAGE 8A-



## ORGANIC DAIRY MARKET NEWS

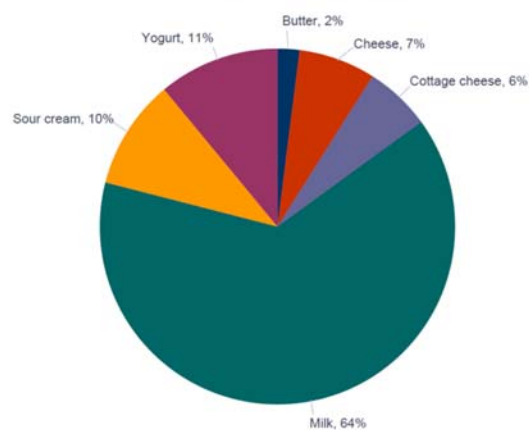
Information gathered February 11 - 22, 2019

**-CONTINUED FROM PAGE 8-**

For organic milk in half gallon packages, prices increased 10 cents compared to the last survey period. The current retail milk price spread between organic and conventional half gallon milk is an organic premium of \$2.18. The price spread moved up \$0.47 compared to the prior retail survey.

Organic milk, as a percentage of the total ads of organic dairy products, published 64 percent, followed by organic yogurt at 11 percent. At the end of February, organic butter and cottage cheese recorded the lowest percentages of total ads, exhibiting 2 and 6 percent this week. The pie chart below displays percentages of all organic dairy commodities detailed in the ad survey.

Percentage of Total Organic Ads by Commodity



Data source: USDA Dairy Market News

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	4.99	5.29	4.88
Milk			
Half Gal.	4.07	3.97	4.15
Gal.	5.31	4.70	6.57
8 oz.	n.a.	n.a.	0.83
Yogurt			
4-6 oz. Greek	n.a.	1.25	n.a.
32 oz. Greek	n.a.	3.00	n.a.
4-6 oz. Yogurt	0.79	1.00	1.22
32 oz. Yogurt	3.76	4.05	3.40

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/dybretil.pdf>

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



## December Milk Production

Milk production in the 23 major States during December totaled 17.1 billion pounds, up 0.9 percent from December 2017. November revised production at 16.4 billion pounds, was up 0.8 percent from November 2017. The November revision represented a decrease of 3 million pounds or 0.1 percent from last month's preliminary production estimate. Production per cow in the 23 major States averaged 1,966 pounds for December, 23 pounds above December 2017. This is the highest production per cow for the month of December since the 23 State series began in 2003. The number of milk cows on farms in the 23 major States was 8.72 million head, 21,000 head less than December 2017, and 2,000 head less than November 2018. Milk production in the United States during the October - December quarter totaled 53.3 billion pounds, up 0.5 percent from the October - December quarter last year. The average number of milk cows in the United States during the quarter was 9.36 million head, 18,000 head less than the July - September quarter, and 41,000 head less than the same period last year.

State	Milk Cows <sup>1,2</sup>				Milk Production <sup>1,3</sup>			
	December		Oct - Dec		December		Oct - Dec	
	2017	2018	2017	2018	2018	Percent change from 2017	2018	Percent change from 2017
	<i>(thousands)</i>				<i>(million lbs)</i>		<i>(percent)</i>	
AL	--	--	6.0	5.0	--	--	16.0	-15.8
AK	--	--	0.3	0.2	--	--	0.6	-14.3
AZ	203	205	204.0	204.0	422	-1.4	1,208.0	-1.0
AR	--	--	6.0	5.0	--	--	16.0	-11.1
CA	1,741	1,730	1,742.0	1,731.0	3,425	1.7	10,014.0	2.1
CO	166	178	164.0	178.0	391	6.0	1,148.0	6.9
CT	--	--	19.0	19.5	--	--	105.0	-2.8
DE	--	--	5.0	4.5	--	--	20.1	-10.7
FL	124	116	124.0	117.0	193	-7.2	545.0	-5.5
GA	--	--	85.0	81.0	--	--	422.0	-2.8
HI	--	--	2.1	1.7	--	--	5.3	-41.1
ID	600	614	600.0	612.0	1,265	4.9	3,767.0	4.5
IL	93	85	93.0	87.0	149	-9.7	437.0	-8.2
IN	187	181	187.0	181.0	342	-3.7	1,010.0	-4.6
IA	220	220	219.0	220.0	441	-0.2	1,297.0	-0.5
KS	153	161	153.0	160.0	317	5.3	927.0	5.0
KY	--	--	56.0	53.0	--	--	233.0	-9.3
LA	--	--	12.0	11.0	--	--	32.0	-13.5
ME	--	--	30.0	29.0	--	--	151.0	-1.3
MD	--	--	47.0	44.0	--	--	215.0	-7.7
MA	--	--	11.5	10.5	--	--	48.0	-4.0
MI	428	422	428.0	422.0	931	-0.2	2,752.0	-0.8
MN	456	450	456.0	451.0	833	1.0	2,438.0	0.3
MS	--	--	9.0	8.0	--	--	28.0	-6.7
MO	--	--	84.0	81.0	--	--	270.0	-7.5
MT	--	--	13.0	12.0	--	--	65.0	-8.5
NE	--	--	60.0	59.0	--	--	354.0	-3.3
NV	--	--	32.0	33.0	--	--	184.0	1.7
NH	--	--	12.5	12.0	--	--	60.0	-6.3
NJ	--	--	6.0	5.5	--	--	25.0	-13.8
NM	332	325	330.0	326.0	670	-2.8	1,965.0	-1.8
NY	625	625	625.0	623.0	1,244	2.1	3,692.0	1.5
NC	--	--	45.0	43.0	--	--	224.0	-4.3
ND	--	--	15.5	15.0	--	--	82.0	-3.5
OH	264	253	264.0	253.0	440	-4.1	1,300.0	-4.6
OK	--	--	39.0	40.0	--	--	180.0	1.1
OR	124	125	124.0	125.0	217	4.3	638.0	3.2
PA	525	505	525.0	510.0	856	-6.0	2,527.0	-5.6
RI	--	--	0.8	0.7	--	--	2.7	-15.6
SC	--	--	15.0	14.0	--	--	54.0	-8.5
SD	118	122	117.0	122.0	232	5.5	682.0	5.1
TN	--	--	40.0	36.0	--	--	143.0	-14.9
TX	515	542	515.0	540.0	1,079	4.8	3,149.0	5.8
UT	97	100	97.0	100.0	192	2.1	573.0	2.9
VT	128	126	128.0	126.0	225	-0.9	660.0	-1.6
VA	87	79	87.0	80.0	128	-12.3	380.0	-11.2
WA	274	280	274.0	280.0	567	4.8	1,680.0	4.4
WV	--	--	7.0	7.0	--	--	25.0	-13.8
WI	1,276	1,271	1,277.0	1,272.0	2,574	1.4	7,563.0	0.5
WY	--	--	6.0	6.0	--	--	35.8	5.6
23 State Total	8,736	8,715	--	--	17,133	0.9	--	--
U.S. <sup>4,5</sup>			9,398.0	9,357.0			53,349.0	0.5

<sup>1</sup> Preliminary. <sup>2</sup> Includes dry cows, excludes heifers not yet fresh. <sup>3</sup> Excludes milk sucked by calves. <sup>4</sup> Includes states for which individual monthly estimates are not available.

<sup>5</sup> Milk cows will not add due to rounding. **Source:** U.S. Department of Agriculture, National Agricultural Statistics Service, *Milk Production*, (February 2019).

## December Agricultural Prices Highlights

The All Milk price received by farmers was \$16.40 in December, down \$0.80 from December 2017. The alfalfa hay price was \$180.00 in December, up \$31.00 from December 2017. The corn price was \$3.54 in December, up \$0.31 from December 2017. The soybean price was \$8.57 in December, down \$0.73 from December 2017. The milk-feed price ratio was 2.04 in December, down 0.34 from December 2017.

The index of prices received by farmers for dairy products during the month of December 2018 was down 3 to 81.6. Compared to December 2017, the index was down 4 points (-4.7 percent). The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in December 2018 was up 0.2 points to 109.2. Compared with December 2017, the index was up 1.8 points (1.7 percent).

Selected Milk Prices, Milk Cows, and Feed Prices, Selected States and U.S., December 2018 with Comparisons								
State	All-Milk price <sup>1,2</sup>		Alfalfa hay, baled		Corn for Grain		Soybeans	
	December		December		December		December	
	2017	2018	2017	2018	2017	2018	2017	2018
	<i>(dollars per cwt)</i>		<i>(dollars per ton)</i>		<i>(dollars per bushel)</i>		<i>(dollars per bushel)</i>	
AZ	16.00	16.00	170.00	200.00	(D)	(D)	---	---
CA	15.55	16.05	185.00	210.00	(D)	(D)	---	---
CO	18.00	17.10	170.00	235.00	3.25	3.51	---	---
ID	16.80	16.00	135.00	165.00	4.10	4.40	---	---
IN	17.30	16.80	195.00	195.00	3.42	3.71	9.56	8.94
IA	17.50	16.30	117.00	145.00	3.20	3.53	9.20	8.40
MI	16.00	15.60	180.00	175.00	3.27	3.48	9.34	8.51
MN	17.20	16.30	121.00	155.00	2.98	3.40	8.98	8.54
NM	16.30	14.70	170.00	255.00	(D)	(D)	---	---
NY	17.70	17.40	235.00	185.00	3.80	4.26	---	---
OH	18.20	17.20	180.00	185.00	3.50	3.63	9.65	8.66
PA	18.40	17.60	190.00	231.00	3.66	4.25	---	---
TX	18.40	16.80	176.00	210.00	3.55	4.07	---	---
WA	17.60	17.40	145.00	185.00	(D)	4.29	---	---
WI	17.80	16.00	127.00	186.00	3.13	3.42	9.43	8.63
U.S.	17.20	16.40	149.00	180.00	3.23	3.54	9.30	8.57

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

Milk-Feed Price Ratio, Selected States and U.S., December 2018 with Comparisons			
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>1</sup>			
State <sup>2</sup>	December 2017	November 2018	December 2018
IA	2.68	2.42	2.23
MI	2.09	2.14	1.98
MN	2.69	2.31	2.20
OH	2.40	2.45	2.15
WI	2.65	2.15	1.98
U.S.	2.38	2.18	2.04

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

General Price Measures, U.S., December 2018 with Comparisons			
Item	December 2017	November 2018	December 2018
<b>Index Numbers (1990-92=100):</b>			
Prices received by farmers for dairy production	85.6	84.6	81.6
Prices paid by farmers for commodities and services, interest taxes, and wage rates	107.4	109.0	109.2

**Source:** U.S. Department of Agriculture. National Agricultural Statistics Service. Agricultural Statistics Board. *Agricultural Prices, February 2019*.

## Market Summary and Utilization Report, January 2019

**Highlights:** During January 13.9 billion pounds of milk were received from Federally pooled producers. This volume of milk is 14.3 percent higher than the January 2018 volume. Regulated handlers pooled 4.1 billion pounds of producer milk as Class I products, up 11.9 percent when compared to the previous year primarily due to the additional Class I milk pooled by the new California Federal Milk Marketing area. Class I utilization decreased from last year in 7 of the 11 Federal Milk Order Marketing areas. The all-market average Class utilization percentages were: Class I = 29%, Class II = 9%, Class III = 52%, and Class IV = 10%. The weighted average statistical uniform price was \$15.50 per cwt, up \$0.19 from last month and up \$0.32 from January 2018.

Federal Milk Order Marketing Area <sup>1</sup>	Order Number	Receipts of Producer Milk		Utilization of Producer Milk in Class I	
		Total	Change from Prev. Year	Total	Change from Prev. Year
		(million lbs)	(percent)	(million lbs)	(percent)
Northeast (Boston)	001	2,286.5	0.2	749.1	-1.7
Appalachian (Charlotte)	005	488.0	-7.2	370.1	-1.0
Florida (Tampa)	006	231.9	-4.4	199.3	0.4
Southeast (Atlanta)	007	439.5	-7.7	333.7	-3.4
Upper Midwest (Chicago)	030	3,059.2	7.3	243.1	-13.9
Central (Kansas City)	032	1,425.0	-2.1	441.6	3.0
Mideast (Cleveland)	033	1,541.1	-9.5	581.6	3.0
California (Los Angeles) <sup>3</sup>	051	2,019.1	<sup>3</sup>	483.5	<sup>3</sup>
Pacific Northwest (Seattle)	124	769.9	3.7	157.2	-3.6
Southwest (Dallas)	126	1,181.6	-14.9	385.9	-1.3
Arizona (Phoenix)	131	445.9	-7.5	109.7	-4.9
All Market Total or Average <sup>2</sup>		13,887.9	14.3	4,054.8	11.9

<sup>1</sup> Names in parentheses are the major city in the principal pricing point of the market. <sup>2</sup> Averages are the weighted average percent change. <sup>3</sup> The California Federal Milk Order became effective November 1, 2018.

Federal Milk Order Marketing Area <sup>1</sup>	Order Number	Utilization of Producer Milk in All Classes <sup>2</sup>				Uniform Price <sup>3</sup>
		Class I	Class II	Class III	Class IV	
		(percent) <sup>2</sup>				(\$ per cwt)
Northeast (Boston)	001	33	23	27	17	16.42
Appalachian (Charlotte)	005	76	12	6	6	17.82
Florida (Tampa)	006	86	12	2	<sup>4</sup>	19.78
Southeast (Atlanta)	007	76	15	5	4	18.27
Upper Midwest (Chicago)	030	8	1	89	2	14.27
Central (Kansas City)	032	31	7	54	8	14.93
Mideast (Cleveland)	033	38	14	35	14	15.46
California (Los Angeles)	051	24	5	68	3	15.09
Pacific Northwest (Seattle)	124	20	6	41	33	15.15
Southwest (Dallas)	126	33	5	62	1	15.72
Arizona (Phoenix)	131	25	7	27	41	15.60
All Market Total or Average <sup>3</sup>		29	9	52	10	15.50

<sup>1</sup> Names in parentheses are the major city in the principal pricing point of the market. <sup>2</sup> Totals may not add to 100 percent due to rounding. Averages are weighted averages. <sup>3</sup> Statistical uniform prices for component pricing orders (Class III price plus producer price differential). For other orders, uniform skim milk price times 0.965 plus uniform butterfat price times 3.5. <sup>4</sup> The Class IV utilization for the Florida Order was less than 1 percent.

## March 2019 Highlights

**Base Class I Price:** Under the Federal milk order pricing system, the base Class I price for March 2019 is \$15.98 per cwt. This price is derived from the advanced Class IV skim milk pricing factor of \$7.25 and the advanced butterfat pricing factor of \$2.5670. A Class I differential for each order's principle pricing point (county) is added to the base price to determine the Class I Price.

**Class II Price Information:** The advanced Class IV skim milk pricing factor is \$7.25. Thus, the Class II skim milk price for March 2019 is \$7.95 per cwt, and the Class II nonfat solids price is \$0.8833.

**Product Price Averages:** The two-week product price averages for March 2019 are: butter \$2.2912, nonfat dry milk \$0.9811, cheese \$1.3769 and dry whey \$0.4616.

## Advanced Class Prices for March 2019

Federal Milk Order Class I Price Information <sup>1,2</sup>				
Federal Milk Order Marketing Area <sup>3</sup>	Order Number	March 2019		
		Class I Price (3.5%)	Class I Skim Milk Price	Class I Butterfat Price
		<i>(dollars per cwt)</i>	<i>(dollars per cwt)</i>	<i>(dollars per pound)</i>
Northeast (Boston) <sup>4</sup>	001	19.23	10.50	2.5995
Appalachian (Charlotte) <sup>5</sup>	005	19.38	10.65	2.6010
Florida (Tampa) <sup>6</sup>	006	21.38	12.65	2.6210
Southeast (Atlanta) <sup>7</sup>	007	19.78	11.05	2.6050
Upper Midwest (Chicago) <sup>8</sup>	030	17.78	9.05	2.5850
Central (Kansas City) <sup>9</sup>	032	17.98	9.25	2.5870
Mideast (Cleveland) <sup>10</sup>	033	17.98	9.25	2.5870
California (Los Angeles) <sup>11</sup>	051	18.08	9.35	2.5880
Pacific Northwest (Seattle) <sup>12</sup>	124	17.88	9.15	2.5860
Southwest (Dallas) <sup>13</sup>	126	18.98	10.25	2.5970
Arizona (Phoenix)	131	18.33	9.60	2.5905
All-Market Average		18.80	10.07	2.5952

<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> Note: 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. <sup>4</sup> Class I prices at other cities are: New York City, minus \$0.10; Philadelphia, minus \$0.20; Baltimore, minus \$0.25, and Washington, DC, minus \$0.25. <sup>5</sup> Class I prices at other cities are: Knoxville, minus \$0.20 and Louisville, minus \$1.10. <sup>6</sup> Class I prices at other cities are: Orlando, same; Miami, plus \$0.60; and Jacksonville, minus \$0.40. <sup>7</sup> Class I prices at other cities are: New Orleans, same; Memphis, minus \$0.90; Nashville, minus \$0.90; and Springfield, MO, minus \$1.40. <sup>8</sup> Class I prices at other cities are: Milwaukee, minus \$0.05; and Minneapolis, minus \$0.10. <sup>9</sup> Class I prices at other cities are: Des Moines, minus \$0.20; Omaha, minus \$0.15; Oklahoma City, plus \$0.60; St. Louis, same; and Denver, plus \$0.55. <sup>10</sup> Class I prices at other cities are: Indianapolis, same; Cincinnati, plus \$0.20; Pittsburgh, plus \$0.10; and Detroit, minus \$0.20; <sup>11</sup> Class I prices at other cities are: San Francisco, minus \$0.30; Sacramento, minus \$0.40; Tulare, minus \$0.50. <sup>12</sup> Class I prices at other cities are: Portland, same; and Spokane, same. <sup>13</sup> Class I prices at other cities are: 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) or 202-690-1932.

## Mailbox Milk Prices for Selected Reporting Areas, In Federal Milk Orders, November 2018, With Comparisons

In November 2018, mailbox milk prices for selected reporting areas in Federal milk orders (not yet including the new California Order, see footnote 12) averaged \$16.57 per cwt, down \$0.46 from the October 2018 average and down \$1.23 per cwt from the November 2017 average. The component tests of producer milk in November 2018 were: butterfat, 4.03%; protein, 3.28%; and other solids, 5.75%. When compared to the previous month, the November mailbox prices increased in 4 and decreased in 15 of the 19 Federal milk order reporting areas (See footnote 12). The Southern Missouri reporting area reported the largest increase of \$0.86 per cwt from the previous month while the Iowa reporting area reported the largest decrease of \$1.02 per cwt from the previous month. Averaged over all Federal milk order reporting areas (See footnote 12), the November 2018 mailbox milk price decreased an average of \$1.08 per cwt. Mailbox prices in November 2018 ranged from \$18.87 in the Florida reporting area to \$14.34 in the New Mexico reporting area.

Reporting Area <sup>1</sup>	Mailbox Milk Price <sup>2</sup>		
	Nov 2017	Oct 2018	Nov 2018
	<i>(dollars per hundredweight)</i>		
New England States <sup>3</sup>	18.63	18.35	18.12
New York	17.50	17.21	16.95
Eastern Pennsylvania <sup>4</sup>	17.35	16.82	16.78
Appalachian States <sup>5</sup>	18.37	17.71	17.59
Southeast States <sup>6</sup>	18.29	17.16	17.52
Southern Missouri <sup>7</sup>	19.36	17.11	17.97
Florida	19.46	19.03	18.87
Western Pennsylvania <sup>8</sup>	17.86	16.91	16.92
Ohio	17.84	16.83	16.80
Indiana	16.85	16.71	16.75
Michigan	15.82	15.66	15.30
Wisconsin	18.85	17.56	16.78
Minnesota	18.57	17.45	16.65
Iowa	18.38	17.70	16.68
Illinois	18.59	17.79	17.41
Corn Belt States <sup>9</sup>	17.24	16.17	15.44
Western Texas <sup>10</sup>	17.66	16.67	16.00
New Mexico	16.13	14.79	14.34
Northwest States <sup>11</sup>	18.09	17.53	17.05
California <sup>12</sup>	16.57	16.37	NA
All Federal Order Areas <sup>13</sup>	17.80	17.03	16.57

<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> 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> Prior to November 2018, the CA mailbox price was calculated by California Department of Food and Agriculture. The California Federal Milk Marketing Order became effective on November 1, 2018. Mailbox price data for November 2018 is not yet available. <sup>13</sup> Weighted average of prices for all reporting areas. November 2018 All Federal Order Areas does not include the new California Order, which became effective November 1, 2018.



**February 2019 Highlights:** U.S. simple average prices are: \$3.26 per gallon for conventional whole milk, \$3.19 per gallon for conventional reduced fat 2% milk, \$4.06 per half gallon organic whole milk, and, \$4.06 per half gallon organic reduced fat 2% milk.

**Retail Prices for Conventional Whole Milk,  
Average of Three Outlets, Selected Cities, by Months, 2019 <sup>1, 2</sup>**

City and State <sup>2</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>3</sup>
	<i>(dollars per gallon)</i>												
Atlanta, GA	3.64	3.36											3.50
Baltimore, MD	3.70	3.70											3.70
Boston, MA	3.25	3.24											3.25
Chicago, IL	3.99	3.99											3.99
Cincinnati, OH	2.09	2.26											2.18
Cleveland, OH	3.12	3.12											3.12
Dallas, TX	2.35	2.42											2.39
Denver, CO	3.14	3.16											3.15
Detroit, MI	2.69	2.66											2.68
New York, NY	3.70	3.70											3.70
Hartford, CT	3.64	3.64											3.64
Houston, TX	3.22	3.30											3.26
Indianapolis, IN	2.19	2.22											2.21
Kansas City, MO	4.08	4.19											4.14
Louisville, KY	1.82	1.82											1.82
Miami, FL	3.96	3.91											3.94
Milwaukee, WI	3.56	3.56											3.56
Minneapolis, MN	3.96	3.96											3.96
New Orleans, LA	3.79	3.78											3.79
Oklahoma City, OK	3.14	3.12											3.13
Philadelphia, PA	3.82	3.84											3.83
Phoenix, AZ	2.42	2.42											2.42
Pittsburgh, PA	3.79	3.74											3.77
Portland, OR	3.49	3.49											3.49
Seattle, WA	3.42	3.42											3.42
St. Louis, MO	3.26	3.62											3.44
Syracuse, NY	2.84	2.84											2.84
Washington, DC	3.82	3.82											3.82
Wichita, KS	2.26	2.32											2.29
Simple Average	3.25	3.26											3.25

<sup>1</sup> As collected by Federal milk order market administrators based on a survey conducted one day between the 1st and 10th of each month (excluding Fridays and weekends) in selected cities or metropolitan areas. One outlet of the largest and second largest food store chains and the largest convenience store chain are surveyed. The price represents the most common brand in nonreturnable containers. <sup>2</sup> The California Order became effective November 1, 2018. Retail price data for select cities in California is not yet available. <sup>3</sup> Simple average of monthly prices.

**Retail Prices for Conventional Reduced Fat (2%) Milk,  
Average of Three Outlets, Selected Cities, by Months, 2019 <sup>1, 2</sup>**

City and State <sup>2</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>3</sup>
	<i>(dollars per gallon)</i>												
Atlanta, GA	3.98	3.36											3.67
Baltimore, MD	3.62	3.53											3.58
Boston, MA	3.19	3.18											3.19
Chicago, IL	3.89	3.89											3.89
Cincinnati, OH	2.09	2.26											2.18
Cleveland, OH	3.12	3.12											3.12
Dallas, TX	2.35	2.42											2.39
Denver, CO	3.14	3.16											3.15
Detroit, MI	2.62	2.59											2.61
New York, NY	3.70	3.70											3.70
Hartford, CT	3.56	3.56											3.56
Houston, TX	3.22	3.30											3.26
Indianapolis, IN	2.19	2.06											2.13
Kansas City, MO	3.82	3.96											3.89
Louisville, KY	1.82	1.82											1.82
Miami, FL	3.96	3.91											3.94
Milwaukee, WI	3.46	3.46											3.46
Minneapolis, MN	3.96	3.96											3.96
New Orleans, LA	3.79	3.78											3.79
Oklahoma City, OK	3.01	3.06											3.04
Philadelphia, PA	3.56	3.59											3.58
Phoenix, AZ	2.42	2.42											2.42
Pittsburgh, PA	3.56	3.49											3.53
Portland, OR	3.26	3.26											3.26
Seattle, WA	3.42	3.42											3.42
St. Louis, MO	3.19	3.52											3.36
Syracuse, NY	2.78	2.78											2.78
Washington, DC	3.82	3.82											3.82
Wichita, KS	2.32	2.26											2.29
Simple Average	3.20	3.19											3.20

<sup>1</sup> As collected by Federal milk order market administrators based on a survey conducted one day between the 1st and 10th of each month (excluding Fridays and weekends) in selected cities or metropolitan areas. One outlet of the largest and second largest food store chains and the largest convenience store chain are surveyed. The price represents the most common brand in nonreturnable containers. <sup>2</sup> The California Order became effective November 1, 2018. Retail price data for select cities in California is not yet available. <sup>3</sup> Simple average of monthly prices.

**Retail Prices for Organic Whole Milk,  
Average of Two Outlets, Selected Cities, by Months, 2019 <sup>1, 2</sup>**

City and State <sup>2</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>3</sup>
	<i>(dollars per half gallon)</i>												
Atlanta, GA	3.44	3.44											3.44
Baltimore, MD	4.59	4.59											4.59
Boston, MA	3.84	3.84											3.84
Chicago, IL	4.89	4.89											4.89
Cincinnati, OH	3.29	3.29											3.29
Cleveland, OH	3.99	3.99											3.99
Dallas, TX	3.21	3.21											3.21
Denver, CO	3.49	3.49											3.49
Detroit, MI	3.29	3.29											3.29
New York, NY	4.15	4.15											4.15
Hartford, CT	3.53	3.53											3.53
Houston, TX	3.14	3.14											3.14
Indianapolis, IN	3.15	3.15											3.15
Kansas City, MO	4.14	4.14											4.14
Louisville, KY	3.15	3.15											3.15
Miami, FL	4.21	4.21											4.21
Milwaukee, WI	4.89	4.09											4.49
Minneapolis, MN	4.69	4.69											4.69
New Orleans, LA	4.84	4.84											4.84
Oklahoma City, OK	5.23	5.23											5.23
Philadelphia, PA	4.69	4.69											4.69
Phoenix, AZ	3.89	3.89											3.89
Pittsburgh, PA	5.49	5.49											5.49
Portland, OR	4.64	4.64											4.64
Seattle, WA	3.54	3.54											3.54
St. Louis, MO	5.54	5.54											5.54
Syracuse, NY	4.41	4.24											4.33
Washington, DC	4.14	4.14											4.14
Wichita, KS	3.15	3.15											3.15
Simple Average	4.09	4.06											4.07

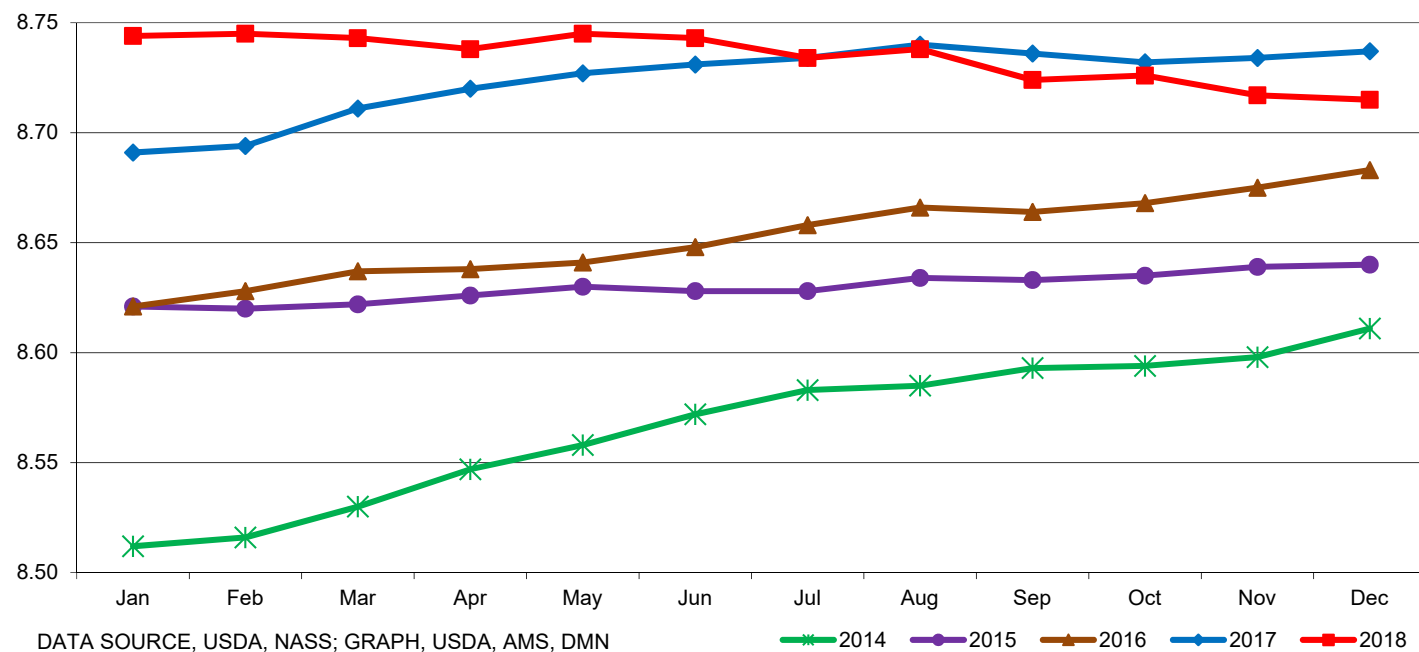
<sup>1</sup> As collected by Federal milk order market administrators based on a survey conducted one day between the 1st and 10th of each month (excluding Fridays and weekends) in selected cities or metropolitan areas. One outlet of the largest and second largest food store chains are surveyed. The price represents the most common brand in nonreturnable containers. <sup>2</sup> The California Order became effective November 1, 2018. Retail price data for select cities in California is not yet available. <sup>3</sup> Simple average of monthly prices.

**Retail Prices for Organic Reduced Fat (2%) Milk,  
Average of Two Outlets, Selected Cities, by Months, 2019<sup>1, 2</sup>**

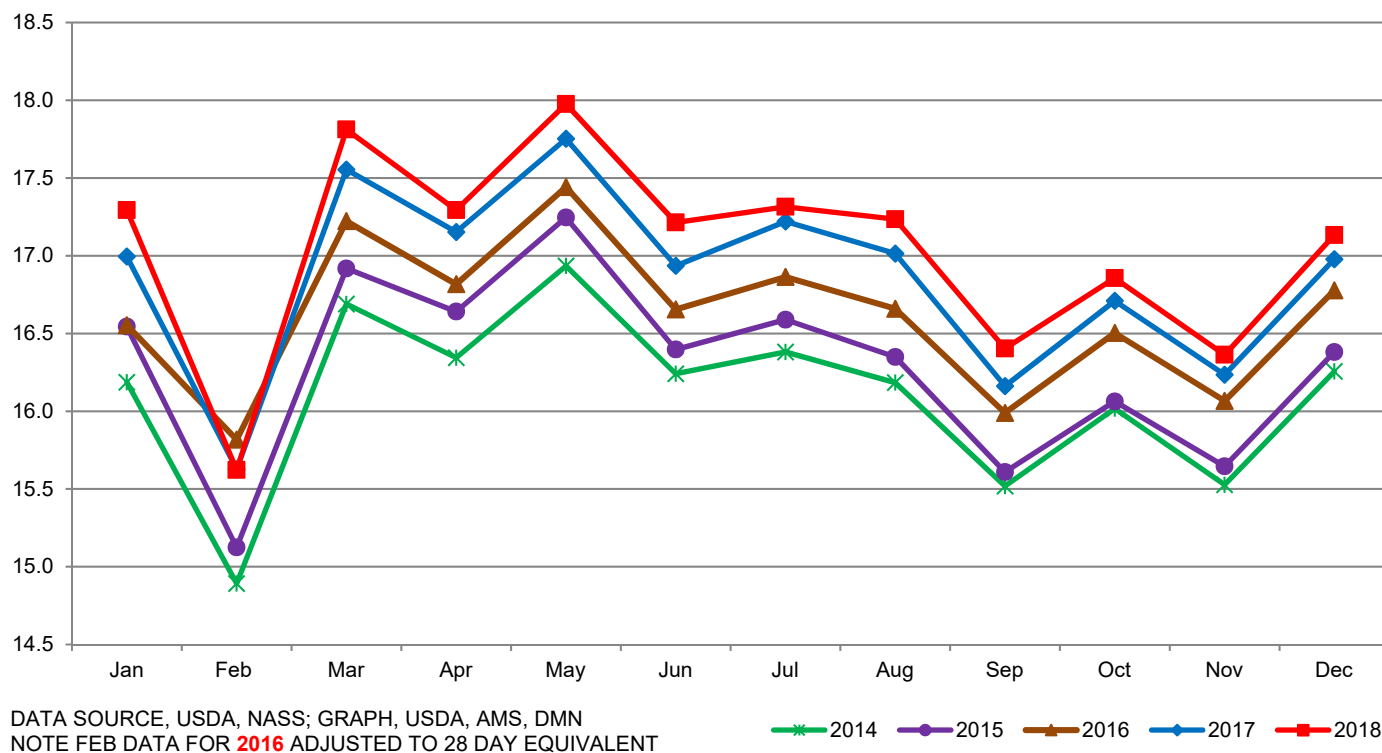
City and State <sup>2</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg <sup>3</sup>
	<i>(dollars per half gallon)</i>												
Atlanta, GA	3.44	3.44											3.44
Baltimore, MD	4.59	4.59											4.59
Boston, MA	3.84	3.84											3.84
Chicago, IL	4.89	4.89											4.89
Cincinnati, OH	3.29	3.29											3.29
Cleveland, OH	3.99	3.99											3.99
Dallas, TX	3.21	3.21											3.21
Denver, CO	3.49	3.49											3.49
Detroit, MI	3.29	3.29											3.29
New York, NY	4.15	4.15											4.15
Hartford, CT	3.53	3.53											3.53
Houston, TX	3.14	3.14											3.14
Indianapolis, IN	3.15	3.15											3.15
Kansas City, MO	4.14	4.14											4.14
Louisville, KY	3.15	3.15											3.15
Miami, FL	4.21	4.21											4.21
Milwaukee, WI	4.89	4.09											4.49
Minneapolis, MN	4.69	4.69											4.69
New Orleans, LA	4.84	4.84											4.84
Oklahoma City, OK	5.23	5.23											5.23
Philadelphia, PA	4.69	4.69											4.69
Phoenix, AZ	3.89	3.89											3.89
Pittsburgh, PA	5.49	5.49											5.49
Portland, OR	4.64	4.64											4.64
Seattle, WA	3.54	3.54											3.54
St. Louis, MO	5.54	5.54											5.54
Syracuse, NY	4.41	4.24											4.33
Washington, DC	4.14	4.14											4.14
Wichita, KS	3.15	3.15											3.15
Simple Average	4.09	4.06											4.07

<sup>1</sup> As collected by Federal milk order market administrators based on a survey conducted one day between the 1st and 10th of each month (excluding Fridays and weekends) in selected cities or metropolitan areas. One outlet of the largest and second largest food store chains are surveyed. The price represents the most common brand in nonreturnable containers. <sup>2</sup> The California Order became effective November 1, 2018. Retail price data for select cities in California is not yet available. <sup>3</sup> Simple average of monthly prices.

MILLION HEAD

**Milk Cow Numbers - 23 Selected States**

BILLION POUNDS

**Milk Production - 23 Selected States**





## Dairy Market News Branch

Agricultural  
Marketing  
Service

# 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 8

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### Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 02/22/2019 to 02/28/2019

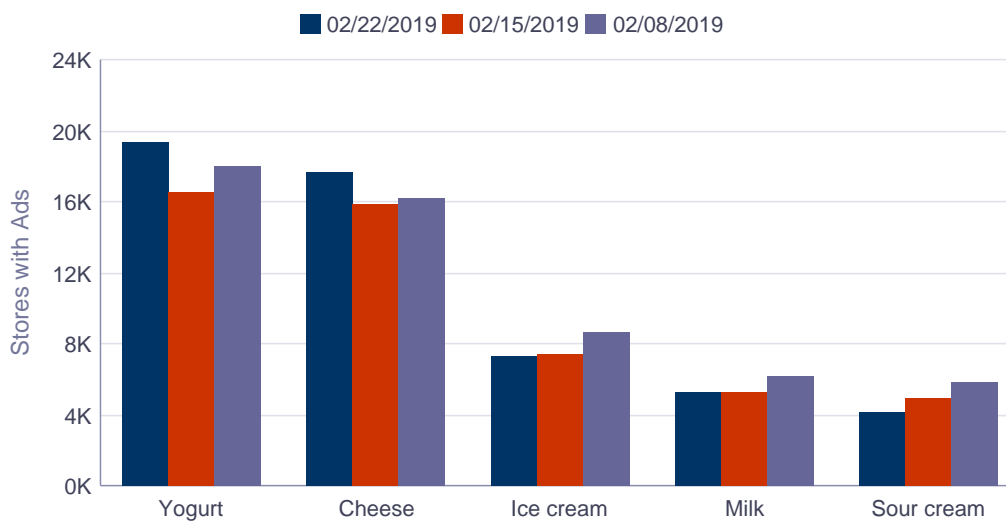
The total number of conventional dairy advertisements decreased by 1 percent, but organic dairy ads increased by 34 percent. Conventional Greek yogurt in 4 to 6 ounce containers was the most advertised dairy item, followed by conventional ice cream in 48 to 64 ounce containers and conventional regular yogurt in 4 to 6 ounce containers. Half gallon milk ads was the most advertised organic dairy item.

Total conventional yogurt ads increased 19 percent, but organic yogurt advertisements decreased by 18 percent. The weighted average price for organic yogurt in 4 to 6 ounce containers is \$.79, while conventional yogurt in 4 to 6 ounce pack size is priced at \$.52, an organic premium of \$.27. Conventional yogurt in 32 ounce containers is \$2.66, while organic yogurt in 32 ounce containers held a premium of \$1.10 and has a weighted average price of \$3.76.

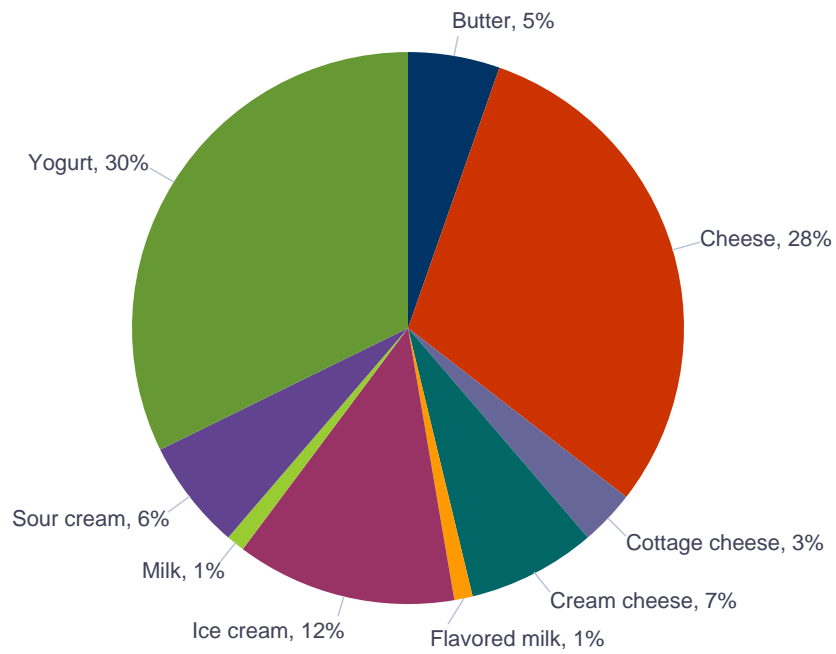
The total number of conventional milk ads dropped 72 percent, while the total number of organic milk advertisements increased 52 percent. The weighted average price for organic half gallon of milk was \$4.07, compared to \$1.89 for conventional half gallons, creating an organic premium of \$2.18.

Conventional cheese ad numbers increased 11 percent and organic cheese ads increased 39 percent. The weighted average advertised price for organic 8-ounce block cheese is \$4.84, while conventional 8-ounce block cheese is priced at \$2.36. The result is an organic premium of \$2.48.

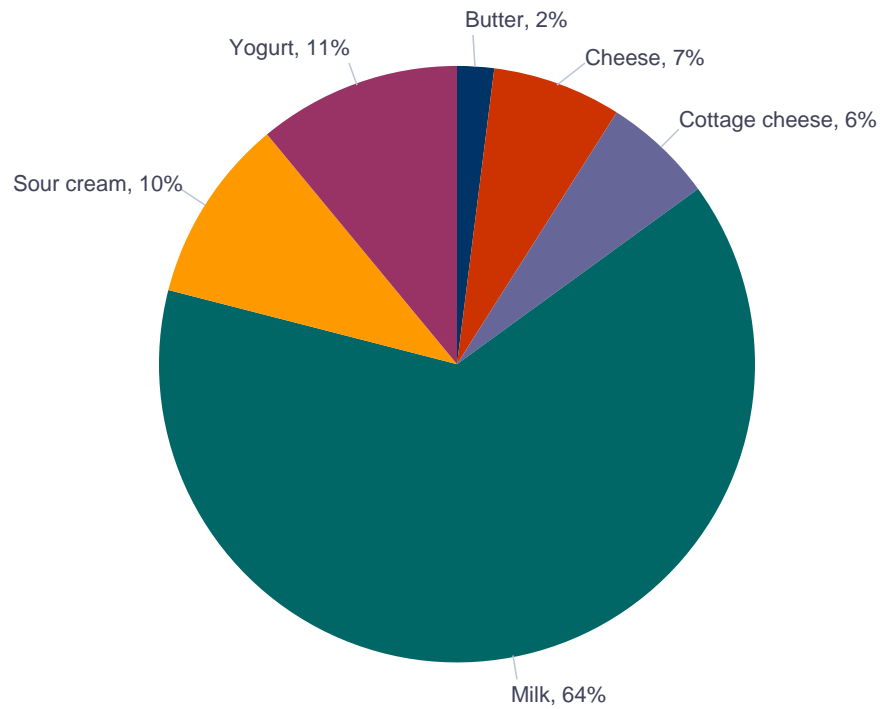
Top 5 Commodities Featured This Week



### 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 #	3105	3.32	2774	3.75	4640	3.76
Cheese	Natural Varieties	8 oz block	6919	2.36	5717	2.17	8819	2.22
Cheese	Natural Varieties	1 # block	1081	3.83	972	4.54	2097	4.16
Cheese	Natural Varieties	2 # block	961	5.63	843	5.34	1822	5.80
Cheese	Natural Varieties	8 oz shred	7822	2.39	7916	2.26	8147	2.21
Cheese	Natural Varieties	1 # shred	424	3.23	90	4.23	1427	4.37
Cottage cheese		16 oz	1960	1.66	1579	1.93	2531	1.87
Cream cheese		8 oz	4006	1.85	6766	2.01	2907	2.07
Flavored milk	All fat tests	half gallon	367	3.23	1134	2.21	1073	1.67
Flavored milk	All fat tests	gallon	404	3.03	210	2.75	295	3.07
Ice cream		48-64oz	7267	2.98	7441	2.85	11297	2.81
Milk	All fat tests	half gallon	133	1.89	1546	2.26	2668	2.44
Milk	All fat tests	gallon	479	2.24	639	3.40	1693	2.77
Sour cream		16 oz	3403	1.59	4524	1.39	7502	1.59
Yogurt	Greek	4-6 oz	10015	.95	8630	.96	8644	.95
Yogurt	Greek	32 oz	1177	4.08	672	4.09	2613	4.56
Yogurt	Yogurt	4-6 oz	7110	.52	5587	.58	10249	.52
Yogurt	Yogurt	32 oz	181	2.66	621	2.61	924	2.77

## REGIONAL -- CONVENTIONAL DAIRY PRODUCTS

Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.00-3.99	757	2.98	2.99	84	2.99			
Cheese	Natural Varieties	8 oz block	1.25-3.50	2482	2.40	2.00-3.50	1780	2.42	1.99-2.99	1334	2.18
Cheese	Natural Varieties	1 # block	2.99	304	2.99	3.00-3.50	248	3.11	3.33	107	3.33
Cheese	Natural Varieties	2 # block							4.99	331	4.99
Cheese	Natural Varieties	8 oz shred	1.25-3.50	2279	2.40	2.00-3.50	1527	2.34	1.89-2.99	1433	2.15
Cheese	Natural Varieties	1 # shred				3.00-3.50	248	3.11	3.33-3.50	176	3.40
Cottage cheese		16 oz	1.49-2.50	793	1.75	1.25	114	1.25	1.25-1.49	605	1.32
Cream cheese		8 oz	1.67-1.99	1061	1.83	1.50-2.50	146	1.92	1.40-2.00	1325	1.88
Flavored milk	All fat tests	gallon							2.49-3.99	299	3.39
Ice cream		48-64oz	1.99-3.50	2591	2.72	2.50-3.99	1302	2.63	1.88-3.50	758	2.91
Milk	All fat tests	gallon							1.99	53	1.99
Sour cream		16 oz	1.50-2.00	511	1.68	1.25-2.50	1414	1.65	1.25-1.50	546	1.31
Yogurt	Greek	4-6 oz	0.75-1.25	2746	.95	0.88-1.00	3127	.95	0.99-1.00	857	1.00
Yogurt	Greek	32 oz	3.49-5.00	498	4.09	3.49	227	3.49			
Yogurt	Yogurt	4-6 oz	0.40-0.69	2013	.52	0.40-0.50	742	.43	0.40-0.79	1791	.57
Yogurt	Yogurt	32 oz	2.50-2.99	119	2.74						

Wtd Avg - Simple weighted average



Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.49-4.29	552	3.39	2.49-3.99	899	3.19	2.99-3.99	813	3.78
Cheese	Natural Varieties	8 oz block	1.66-2.99	701	2.46	1.99-2.99	562	2.26	2.33	60	2.33
Cheese	Natural Varieties	1 # block				4.99	422	4.99			
Cheese	Natural Varieties	2 # block	4.99	78	4.99	4.99-8.99	378	6.44	4.99-5.99	174	5.39
Cheese	Natural Varieties	8 oz shred	1.29-2.99	923	2.40	2.00-2.99	1245	2.64	2.33-2.99	415	2.55
Cottage cheese		16 oz	1.99	162	1.99	1.00-2.99	251	2.09			
Cream cheese		8 oz	1.67-2.50	220	1.88	1.75-1.96	585	1.87	1.50-1.99	645	1.80
Flavored milk	All fat tests	half gallon	1.67	121	1.67	3.99	246	3.99			
Flavored milk	All fat tests	gallon							1.99	105	1.99
Ice cream		48-64oz	1.99-5.79	1296	3.74	2.49-3.50	1023	3.04	3.00	235	3.00
Milk	All fat tests	half gallon	1.89	133	1.89						
Milk	All fat tests	gallon	1.99	121	1.99	2.59	200	2.59	1.99	105	1.99
Sour cream		16 oz	1.25-2.00	375	1.68	1.00-2.59	251	1.87	1.00-1.50	295	1.34
Yogurt	Greek	4-6 oz	0.77-1.00	1145	.88	0.77-1.00	1048	.92	0.88-1.00	1053	.95
Yogurt	Greek	32 oz	3.49-5.00	206	3.89	4.49-4.99	177	4.67	5.00	69	5.00
Yogurt	Yogurt	4-6 oz	0.49-0.50	1375	.50	0.33-0.60	733	.53	0.39-0.50	394	.47
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
Cottage cheese		16 oz	1.67	11	1.67	2.50	24	2.50
Cream cheese		8 oz				1.50	24	1.50
Ice cream		48-64oz	6.99	28	6.99	3.50	34	3.50
Sour cream		16 oz	1.67	11	1.67			
Yogurt	Greek	4-6 oz	1.00-1.67	39	1.48			
Yogurt	Yogurt	4-6 oz	0.80	28	.80	0.50	34	.50

## 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 #	149	4.99	108	5.29	515	4.88
Cheese	Natural Varieties	8 oz block	494	4.84	178	4.99	291	5.00
Cheese	Natural Varieties	8 oz shred			178	4.49		
Cottage cheese		16 oz	422	3.99	178	3.99	314	3.83

Wtd Avg - Simple weighted average



Cream cheese		8 oz			214	2.50	72	2.50
Ice cream		48-64oz					117	4.50
Milk	All fat tests	half gallon	4317	4.07	2813	3.97	2077	4.15
Milk	All fat tests	gallon	402	5.31	301	4.70	895	6.57
Milk	All fat tests	8 oz UHT					244	.83
Sour cream		16 oz	711	2.71	467	2.56		
Yogurt	Greek	4-6 oz			118	1.25		
Yogurt	Greek	32 oz			214	3.00		
Yogurt	Yogurt	4-6 oz	323	.79	370	1.00	222	1.22
Yogurt	Yogurt	32 oz	509	3.76	309	4.05	690	3.40

## 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 #							4.99	69	4.99
Cheese	Natural Varieties	8 oz block	3.99	72	3.99						
Milk	All fat tests	half gallon	3.29-4.99	1330	4.06	2.99-4.29	1831	4.03	4.29	343	4.29
Milk	All fat tests	gallon	5.00	84	5.00				5.59	213	5.59
Yogurt	Yogurt	4-6 oz	0.58	161	.58						
Yogurt	Yogurt	32 oz				3.00	214	3.00			

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	4.99	80	4.99						
Cheese	Natural Varieties	8 oz block				4.99	422	4.99			
Cottage cheese		16 oz				3.99	422	3.99			
Milk	All fat tests	half gallon	3.00-4.29	290	4.06	4.29	174	4.29	3.99-4.29	349	4.04
Milk	All fat tests	gallon							5.00	105	5.00
Sour cream		16 oz				2.99	422	2.99	2.29	289	2.29
Yogurt	Yogurt	4-6 oz	0.99	162	.99						
Yogurt	Yogurt	32 oz	3.50	51	3.50	4.49	244	4.49			

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



# Dairy Market News

United States Department of Agriculture

Agricultural Marketing Service

Dairy Programs

Market Information Branch

Volume 86, Report 8

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## GENERAL NUMBER

(608) 422-8587

Elizabeth Frederick

(608) 422-8587

Elizabeth.Frederick@USDA.GOV

## ORGANIC/ EAST

Daniel Johnson

(608) 422-8605

Daniel.Johnson@USDA.GOV

## EAST/ORGANIC

Jessica Mueller

(608) 422-8589

Jessica.Mueller@USDA.GOV

## CENTRAL

Israel Weber

(608) 422-8601

Israel.Weber@USDA.GOV

## SOUTHWEST/SOUTH AMERICA

AJ (Angel José) Terán

(608) 422-8593

Angel.Teran@USDA.GOV

## SOUTHWEST

Florence Kone-Gonzalez

(608) 422-8594

Florence.KoneGonzalez@USDA.GOV

## NORTHWEST/MOUNTAIN

Mike Bandli

(608) 422-8592

Mike.Bandli@USDA.GOV

## EUROPE & OCEANIA/ ORGANIC

Eric Graf

(608) 422-8590

Eric.Graf@USDA.GOV

## NATIONAL SUPERVISOR

Janet Linder

(608) 422-8588

Janet.Linder@USDA.GOV

## BRANCH CHIEF

Butch Speth

(608) 422-8586

Butch.Speth@USDA.GOV

## INTERNET ADDRESS

[www.ams.usda.gov/market-news/dairy](http://www.ams.usda.gov/market-news/dairy)

## MARKET NEWS PORTAL

[www.marketnews.usda.gov/mnp/da-home](http://www.marketnews.usda.gov/mnp/da-home)

## RECORDED INFORMATION SYSTEM

(608) 422-8602

## FAX

(608) 240-6689

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

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