

DAIRY MARKET NEWS AT A GLANCE

CME GROUP CASH MARKETS (5/31)

BUTTER: Grade AA closed at \$2.3600. The weekly average for Grade AA is \$2.3725 (+.0160).

CHEESE: Barrels closed at \$1.5400 and 40# blocks at \$1.7150. The weekly average for barrels is \$1.5413 (-.0637) and blocks, \$1.6906 (+.0106).

NONFAT DRY MILK: Grade A closed at \$1.0550. The weekly average for Grade A is \$1.0488 (+.0013).

DRY WHEY: Extra grade dry whey closed at \$.3525. The weekly average for dry whey is \$.3538 (-.0067).

CHEESE HIGHLIGHTS: Even as milk is generally available throughout the nation, cheese producers are reining in production schedules in order to manage stocks. Spot milk prices found a tight range of \$1 to \$2 under Class. Those milk prices pale in comparison to historical spot milk prices. Cheese demand reports have been mostly steady to positive, and Midwestern producers have suggested late May has begun to provide sales improvements. Food service has slowed down as schools have started, or will soon begin, summer vacations. Cheese market tones are a little wobbly, as barrels have slipped to create a widening CME price gap.

BUTTER HIGHLIGHTS: Butter production is ongoing throughout the country, but it is less intense compared to Q1 output levels as butterfat supplies are becoming less accessible for churning. Consequently, bulk butter spot prices continue firming with strong interest from retailers, wholesalers and the food service sector. This week, bulk butter pricing varies among the regions: East, 5.0 cents to 8.0 cents over the market; Central, 2.0 cents to 10.0 cents above the market; West, 4.0 cents to 7.5 cents over the market, with various periods and averages used.

FLUID MILK: Farm milk production is steady to up throughout most of the nation. One exception is in the Southeastern area, where higher temperatures have begun to stymie milk yields. After ongoing weather-related calamities in the Central and Mid-Atlantic regions, few trucking delays were reported. Class I sales were mixed, as bottlers in some regions are facing their final push before schools let out for break. Cheesemakers are finding spot milk at a discount; spot milk prices ranged from \$1 to \$2 under Class. That said, the comparison to previous years during week 22, when milk loads were going for \$6 under (2017) or \$7 under (2015), provide a marked distinction in overall milk supplies during 2019's flush season. Cream demand was slow to steady, and supplies were available last weekend during the holiday and began to tighten throughout the week. Central region contacts point out that wet/cool weather has not helped spur on

ice cream manufacturing. F.O.B. cream multiples are **1.30-1.35** in the East, **1.19-1.31** in the Midwest, and **1.09-1.25** in the West.

DRY PRODUCTS: Low/medium nonfat dry milk (NDM) spot prices are mixed in the United States during the shortened holiday week. High heat NDM prices are steady to lower. Interests from contracted confectioners and bakers are healthy, although recent spot trades are slower. Market conditions are mixed. Dry buttermilk prices are mostly steady. Buyers' demands are outstripping manufacturers' current offers. The tone is stable and somewhat bullish. Dry whole milk prices are unchanged currently. The market undertone continues to be firm with solid interest from the confectionery sector. Whey powder spot prices are mixed. Trading was fairly slow this week. Market conditions are still reeling from the Swine Flu epidemic, among other trade issues. Whey protein concentrate 34% prices are largely steady. The demand is stagnant to active, with a few buyers seeking to assure coverage with additional loads. Lactose prices are mixed at this time. Market conditions are a little unsettled as manufacturers and end users begin work on Q3 contracts. Acid and rennet casein prices are unchanged. Holidays in several EU countries this week have contributed to slowed purchases.

ORGANIC DAIRY MARKET NEWS: Federal Milk Market Order 1 in New England reports utilization of types of organic milk by pool plants. In April 2019, organic whole milk utilization totaled 11.9 million pounds, down from 14.9 million pounds one year earlier. The April 2019 butterfat content was 3.27 percent, a decline from 3.28 percent in 2018. Organic reduced fat milk utilization for April this year, 15.3 million pounds, was down from 18.1 million pounds one year earlier. The butterfat content was reported 1.31 percent, down from 1.32 percent the previous year. Total organic advertisements grew 54 percent for surveyed retail stores across the country. Regionally, the Northeast, Southeast, and South Central show hikes in retail advertisement volume of 16 percent, 118 percent and 80 percent this week, respectively. Driving retail ad volume were 32 ounce organic Greek yogurt, and half gallon organic milk. Yogurt ads were 23 times higher, and milk ads increased 43 percent.

NATIONAL RETAIL REPORT (DMN): During this post-Memorial Day period, the total number of ads for conventional dairy products decreased by 9 percent but increased by 54 percent for organic dairy products. -The promotional price for conventional shredded cheese in 8-ounce packages is \$2.25, while for organic is \$3.50, representing an organic premium of \$1.25. Conventional yogurt

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DAIRY MARKET NEWS PRICE SUMMARY FOR MAY 27 - 31, 2019 PRICES (\$/LB) & CHANGES FROM PREVIOUS PUBLISHED PRICES

Commodity	Range	Mostly	Commodity	Range	Mostly	Commodity	Range	Mostly
NDM			BUTTERMILK			LACTOSE		
Central Low/Med. Heat	1.0000	1.0900	1.0200	1.0600		Central/West	0.2000	0.4800
Change	0.0100	N.C.	N.C.	N.C.		Change	0.0050	N.C.
Central High Heat	1.1500	1.2000						
Change	N.C.	N.C.						
West Low/Med. Heat	0.9975	1.1000	1.0200	1.0600		Central/West	0.7500	1.0750
Change	N.C.	-0.0050	-0.0100	-0.0100		Change	N.C.	0.0050
West High Heat	1.1500	1.2575						
Change	N.C.	-0.0025						
DRY WHOLE MILK			WHEY			CASEIN		
National	1.6500	1.7100	Central	0.3000	0.4050	Rennet	3.1225	3.2750
Change	N.C.	N.C.	Change	-0.0200	0.0050	Change	N.C.	N.C.
			West	0.3000	0.4500	Acid	3.1225	3.2450
			Change	0.0100	N.C.	Change	N.C.	N.C.
			Northeast	0.3200	0.4150			
			Change	N.C.	-0.0025	ANIMAL FEED WHEY		
						Central	0.2500	0.2900
						Change	N.C.	N.C.

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

ad numbers increased 20 percent week over week, while organic yogurt noticeable raised by 229 percent. Conventional half gallon milk has a weighted average price of \$1.54, while organic half gallons averaged \$3.90, an organic premium of \$2.36.

MILK PRODUCTION, DISPOSITION, AND INCOME 2018 SUMMARY (USDA, NASS): Milk production increased 1.0 percent in 2018 to 218 billion pounds. The rate per cow, at 23,149 pounds, was 235 pounds above 2017. The annual average number of milk cows on farms was 9.40 million head, down 7,000 head from 2017. Cash receipts from marketings of milk during 2018 totaled \$35.2 billion, 7.1 percent lower than 2017. Producer returns averaged \$16.28 per hundredweight, 8.0 percent below 2017. Marketings totaled 216.6 billion pounds, 0.9 percent above 2017. Marketings include whole milk sold to plants and dealers and milk sold directly to consumers. An estimated 1.02 billion pounds of milk were used on farms where produced, 2.6 percent more than 2017. Calves were fed 91 percent of this milk, with the remainder consumed in producer households.

COMMODITY	MONDAY MAY 27	TUESDAY MAY 28	WEDNESDAY MAY 29	THURSDAY MAY 30	FRIDAY MAY 31	:: WEEKLY :: CHANGE	WEEKLY AVERAGE
CHEESE							
BARRELS	No Trading	\$1.5425 (-0.0375)	\$1.5425 (N.C.)	\$1.5400 (-0.0025)	\$1.5400 (N.C.)	:: (-0.0400)	\$1.5413 (-0.0637)
40 POUND BLOCKS	No Trading	\$1.6825 (N.C.)	\$1.6825 (N.C.)	\$1.6825 (N.C.)	\$1.7150 (+0.0325)	:: (+0.0325)	\$1.6906 (+0.0106)
NONFAT DRY MILK							
GRADE A	No Trading	\$1.0450 (N.C.)	\$1.0450 (N.C.)	\$1.0500 (+0.0050)	\$1.0550 (+0.0050)	:: (+0.0100)	\$1.0488 (+0.0013)
BUTTER							
GRADE AA	No Trading	\$2.4075 (+0.0200)	\$2.3725 (-0.0350)	\$2.3500 (-0.0225)	\$2.3600 (+0.0100)	:: (-0.0275)	\$2.3725 (+0.0160)
DRY WHEY							
EXTRA GRADE	No Trading	\$0.3525 (-0.0075)	\$0.3525 (N.C.)	\$0.3575 (+0.0050)	\$0.3525 (-0.0050)	:: (-0.0075)	\$0.3538 (-0.0067)

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

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

BUTTER MARKETS

NORTHEAST

Inventories are lower than last year at this time. The Cold Storage Report show stocks are 5 percent lower, year-over-year. Consequently, East butter processors are targeting surplus cream, for building butter stocks, but competes for cream with heavier than usual Class II manufacturing. Also, butter customers, with freezer systems, are looking to procure weightier loads, as leverage against probable higher butter prices later in the year. In general, interest is resuming pre-holiday levels as buyers return to the market. Production is seasonally steady. Stocks are adequate for customer's near-term butter needs. Market prices are positive, providing for a bullish undertone. Bulk butter prices range 5 to 8 cents over the market, based on 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

MIDWEST

In the last week of May 2018, butter prices crested as they reached into the mid \$2.40s. Then, they slowly slid back into their rangebound status for most of the rest of the year. On Tuesday, CME spot prices reached \$2.4075, this year's peak. Some contacts suggest the surge may have been rushed, as imports from Mexico and elsewhere are expected to keep U.S. markets in check. Cream was more available during the holiday weekend, but butter plant managers relay cream access is back even with last week. Therefore, reports remain somewhat even on micro-fixing versus churning from plant to plant. Most butter contacts relay they are content with their stocks headed into fall busy season.

Prices for: Central U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0200 - +0.1000

WEST

Western butter churns are active, and butter makers report orders have been strong through the course of the spring. End users are buying at a pace that makes it difficult for butter inventories to grow very fast. However, processors suggest they would rather see the current steady pull on butter stocks than have the combination of burdensome inventories and limited summertime butter demand. So far, butter production and cream intakes have been in relatively good balance. Although cream supplies are tightening, there doesn't seem to be any major problem getting the cream needed to make butter. In addition, butter makers can easily sell off any additional loads of cream not needed for the churn. Some industry contacts suggest Class II dairy products and ice cream are taking heavy amounts of cream.

Prices for: Western U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0400 - +0.0750

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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
05//2019	2.3413 2,667,825	1.7075 13,164,224	1.6880 11,990,449	.3752 6,424,792	1.0286 18,741,757

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National Retail Report Dairy – Butter Summary

Advertised Prices at Major Retail Supermarket Outlets ending
period of 5/24/2019 to 5/30/2019

Butter 1#	<u>Weighted Average Price</u>		
	This Period	Last Week	Last Year
National			
Organic	\$5.49	n.a.	n.a.
Conventional	\$3.33	\$3.33	\$3.18

Regional (Conventional)	<u>Prices This Period</u>		
	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	\$4.99	\$4.99	\$4.99
Midwest	\$3.11	\$2.49	\$3.48
Northeast	\$3.61	\$2.99	\$4.99
Northwest	\$3.28	\$2.49	\$3.50
South Central	\$2.99	\$2.99	\$2.99
Southeast	\$2.99	\$2.99	\$2.99
Southwest	\$3.27	\$2.88	\$3.49

Regional (Organic)	<u>Prices This Period</u>		
	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	n.a.	n.a.	n.a.
Southwest	\$5.49	\$5.49	\$5.49

Cold Storage – Butter Summary

Released May 22, 2019, by the National Agricultural Statistics Service (NASS),
Agricultural Statistics Board, United States Department of Agriculture (USDA).

Butter	<u>Stocks in all Warehouses (1,000 pounds)</u>			<u>as a percent of</u>	
	4/30/18	3/31/19	4/30/19	4/30/18	3/31/19
Butter Stocks	307,325	269,697	290,835	95	108

April Records (1000 pounds)	<u>Record High</u>		<u>Record Low</u>	
	Year (1000 pounds)		Year	
Butter	678,673	1992	1,082	1916

CHEESE MARKETS

NORTHEAST

Northeastern cheese plants are running fairly full. Inventories are increasing at a steady rate. Manufacturers' cheese sales are steady to a bit lower as some food service customers have decreased orders. Milk is available and some discounts on loads were noted over the weekend, yet there are little to no reports of raw milk dumps in the region. Cheddar cheese spot prices have somewhat simmered compared to recent weeks. On the CME Group, cheddar barrel trades have been fairly active so far this week. Northeast wholesale cheese prices for cheddar and Muenster increased, \$0.0175, however process cheese prices moved down, \$0.0125. 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	2.1400-2.4250
Muenster	2.1250-2.4750
Process American 5 pound Sliced	1.7375-2.2175
Swiss 10-14 pound Cuts	2.9950-3.3175

MIDWEST

Cheese demand has been fairly slow throughout May, but this week contacts are pointing to some positive movements. Curd producers are relaying continued strength, and some barrel producers say demand is outpacing their supplies. Cheese production has increased as well. Some plant managers relay running 7-day workweeks and plan to through the next few weeks. However, most producers suggest last year's schedules were busier. Milk prices were reported from \$1 to \$2 under Class, although offers were heavier this week and a number of cheesemakers are not on the spot milk market. In week 22 of previous years, spot milk prices averaged \$4.50 under in 2018 and \$4.75 in 2017. Cheese market tones are shakier, as CME barrel prices have begun to slip away from block prices. Cheese inventories in the area are in reasonable balance, while still heavy nationwide.

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

Blue 5 pounds	2.3150-3.3850
Brick 5 pounds	2.0475-2.4725
Cheddar 40 pound Block	1.7700-2.1700
Monterey Jack 10 pounds	2.0225-2.2275
Mozzarella 5-6 pounds	1.8475-2.7925
Muenster 5 pounds	2.0475-2.4725
Process American 5 pound Loaf	1.6925-2.0525
Swiss 6-9 pound Cuts	2.5100-2.6275

WEST

Western cheese sales are active, but vary by manufacturers. Currently, block cheese demand is a bit more contingent on the prices. Some contacts mentioned that as prices move closer to \$1.70, demand somewhat declines while a backpedal in prices enhances purchasers' interest. International sales have improved a bit. This could be partly due to the recent lifting of Mexico retaliatory tariffs on U.S. cheese. Several market participants are confident that cheese requests by Mexico would likely improve in the coming weeks. Cheese inventories are available, and needs can easily be satisfied. Production is steady. However, some producers are controlling their output from excessive growth. In the West, wholesale prices were down \$.0125 for process, but up \$.0175 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	1.9875-2.2075
Cheddar 40 pound Block	1.8075-2.2500
Monterey Jack 10 pounds	1.9975-2.2700
Process American 5 pound Loaf	1.7100-1.9650
Swiss 6-9 pound Cuts	2.5925-3.0225

FOREIGN TYPE

Cheese output in the European Union (EU) is stable as milk availability hasn't changed much from previous weeks. Cheese production volumes can hardly be augmented although manufacturers' stocks at hand are small. This limitation is the result of milk yield being less than what processors would like it to be. Meanwhile, contractual requests for cheese are in line with current inventories, but spot buyers' requests cannot always be satisfied. Demands for cheese within the EU as well as in the international market are steady. In the U.S., prices for wholesale blue, gorgonzola, parmesan Italy, and Romano moved up by \$.0175, but other cheese type prices are unchanged from the previous week.

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

VARIETY	NEW YORK	
	IMPORTED	DOMESTIC
Blue	2.6400-5.2300	2.1925-3.6800*
Gorgonzola	3.6900-5.7400	2.7000-3.4175*
Parmesan	-0-	3.5825-5.6725*
Romano	-0-	3.3825-5.5375*
Sardo Romano (Argentina)	2.8500-4.7800	-0-
Reggianito (Argentina)	3.2900-4.7800	-0-
Jarlsberg	2.9500-6.4500	-0-
Swiss	-0-	3.0325-3.3550
Swiss (Finland)	2.6700-2.9300	-0-

* = Price change.

COLD STORAGE

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

	BUTTER	CHEESE
05/27/2019	39068	95946
05/01/2019	41153	94603
CHANGE	-2085	1343
% CHANGE	-5	1

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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 5/24/2019 to 5/30/2019

Cheese 8 oz. Blocks	Weighted Average Price		
	This Period	Last Week	Last Year
National			
Organic	\$4.99	n.a.	\$3.99
Conventional	\$1.90	\$2.08	\$2.13

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	n.a.	n.a.	n.a.
Midwest	\$1.82	\$1.66	\$2.00
Northeast	\$2.11	\$1.66	\$2.99
Northwest	\$2.27	\$1.88	\$2.99
South Central	\$1.87	\$1.66	\$2.00
Southeast	\$1.74	\$1.23	\$3.00
Southwest	\$2.14	\$1.77	\$3.00

Cheese 8 oz. Shred	Weighted Average Price		
	This Period	Last Week	Last Year
National			
Organic	\$3.50	n.a.	n.a.
Conventional	\$1.99	\$2.25	\$2.14

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	\$3.57	\$3.00	\$3.99
Hawaii	n.a.	n.a.	n.a.
Midwest	\$1.80	\$1.66	\$2.00
Northeast	\$2.13	\$1.66	\$3.00
Northwest	\$2.38	\$1.67	\$2.79
South Central	\$1.83	\$1.66	\$2.00
Southeast	\$1.93	\$1.66	\$2.99
Southwest	\$2.02	\$1.67	\$3.00

Cold Storage – Cheese Summary

Released May 22, 2019, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

* Record monthly high total.

	Stocks in all Warehouses (1,000 pounds)			4/30/19 as a percent of 4/30/1	
	4/30/18	3/31/19	4/30/19	8	3/31/19
Natural Cheese					
Total natural cheese	1,345,280	1,384,785	1,399,343	104	101
American, total	780,256	784,781	782,646	100	100
New England	66,885	69,199	69,797	104	101
Middle Atlantic	67,007	73,542	71,433	107	97
East North Central	329,005	331,941	337,617	103	102
West North Central	124,787	122,382	120,577	97	99
South Atlantic	492	545	418	85	77
East South Central	17,249	13,732	11,343	66	83
West South Central	8,582	4,776	4,879	57	102
Mountain	60,573	54,242	55,546	92	102
Pacific	105,676	114,422	111,036	105	97
Swiss, total	29,193	31,487	28,176	97	89

Other, total	535,831	568,517	588,521	110	104
New England	1,085	914	877	81	96
Middle Atlantic	15,414	17,425	14,386	93	83
East North Central	366,095	359,284	368,251	101	102
West North Central	46,665	46,712	46,241	99	99
South Atlantic	28,654	50,840	65,920	230	130
East South Central	17,031	21,775	22,962	135	105
West South Central	2,335	4,695	3,407	146	73
Mountain	3,533	2,695	2,826	80	105
Pacific	55,019	64,177	63,651	116	99

April Records	Record High (1000 pounds)	Year	Record Low (1000 pounds)	Year
American	1,081,463	1984	6,027	1919
Swiss	32,615	2006	328	1918
Other *	588,521	2019	1,873	1918
Total Natural Cheese *	1,399,343	2019	14,838	1919

EAST

Northeast milk production is slightly increasing. Warmer weather has been making its way into parts of the region. Class I sales are steady to lower. Balancing operations are at capacity. Surplus milk is available for spot load and tolling requests. Some discounts on milk loads were noted over the weekend, yet there are few reports of raw milk dumps in the region. **Mid-Atlantic** milk output is slightly up. Class III and IV manufacturers are receiving strong milk volumes currently. Many facilities are near capacity. **Southeast** milk production is flat to lower. Temperatures have been heating up in the area. Bottlers have cut and added on many loads currently. There have been some hauling delays in areas experiencing the hazardous weather. **Florida** milk output is mixed. Market participants are indicating a decrease in production in the near future. Weather is almost record breaking with temps in the upper 90's to 100 with heat index of over 100. Class I sales are down this week, as schools are getting out this week. **Cream** demand is fairly unchanged. Some manufacturers are selling cream in lieu of processing. Cream cheese and ice cream operations are running strong right now. Multiples range 1.30-1.35 this week. **Condensed skim** trades have increased. Market participants report a tightening in supplies currently.

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

Price Range - Class II; \$/LB Solids: 0.75 - 0.80

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

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

Multiples Range - All Classes: 1.3000 - 1.3500

Price Range - Class II; \$/LB Butterfat: 3.0635 - 3.1813

MIDWEST

Weather is causing consternation amongst farmers and industry participants throughout the Central region. Hay and feed supplies are dwindling, and contacts suggest this will continue to push smaller dairy farms out of the picture in the upper Midwest. Although some contacts have said they have planted corn/beans, they suggest that is not the case for a number of their neighboring farmers. In the southern, and some eastern parts of the region, crops are taking a beating from a medley of calamities. Tornados, hail and flooding is delaying cutting/planting in large swaths of the region, and forecasts are not promising with more rain expected. Milk production throughout the region is steady, and fortunately not a lot of contacts have reported many issues with trucking delays or setbacks, as of midweek. Bottling reports are mixed, but some bottlers are still going strong ahead of the summer break. Cheesemakers are slow to take on extra milk, as spot milk prices were \$1 to \$2 under Class. Some **cream** spot loads were found at a discount last week, but they tightened up by midweek and are expected to tighten more near term. Wet and cool spring weather has not enhanced ice cream manufacturing intakes.

Price Range - Class III Milk; \$/CWT; Spot Basis: -1.00 - -2.00
Trade Activity: Slow

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

Multiples Range - All Classes: 1.1900 - 1.3100

Price Range - Class II; \$/LB Butterfat: 2.9456 - 3.0870

Multiples Range - Class II: 1.2500 - 1.3100

WEST

Fluid milk production in **California** is close to the same levels as last week. Milk intakes from Class I is steady to higher. Milk loads were handled well over the Memorial Day holiday with limited issues noted. Manufacturing schedules remain busy due to a lot of milk available for processing. Nonetheless, there is a good balance between the quantity of milk supplied and the one requested. In **Arizona**, milk yield remains lower than customary. At the beginning of the week, the weather was cooler, but that did not affect much milk output. The volumes of milk produced in-state are enough to satisfy local customers' needs. With some schools being out for the summer, bottled milk demand is down. Class II demand is stable. A few butter producing plants stop churning while ice cream makers have started to increase their production. In Arizona, topsoil and subsoil moistures are both 94 percent adequate to surplus. Alfalfa hay condition is 84 percent good to excellent compared to 72 percent a week ago. Farm milk output in **New Mexico** is flat. Total intakes are still down due to ongoing repair and maintenance workloads, but milk supplies remain manageable. Class II sales are higher as ice cream production has started to take off. Class I demand has also slightly increased, but Class III requests have declined. Milk volumes going to balancing plants are more than that of the previous week, helping to keep holdovers at check. In New Mexico, the first and second cuttings of alfalfa hay are respectively 66 percent and 15 percent complete compared to 57 percent and 3 percent last week. Topsoil and subsoil moistures are respectively 44 percent and 40 percent adequate to surplus compared to 50 and 47 percent last week. **Pacific Northwest** dairy manufacturers suggest the region is within spring flush. Milk intakes are heavy, but processors say they can handle the inflows just fine. In some cases, manufacturers are getting offered extra loads of milk from outside the region. However, with plenty of milk readily available close by, processors are not generally interested. Cream supplies are tightening as Class II and ice cream manufacturers pull heavily at cream stocks. Milk production in the mountain states of **Idaho, Utah** and **Colorado** is strong. Industry contacts continue to report a few distressed loads at \$4 under Class moving around the region. Dairy processing facilities are running at or near full capacities to keep ahead of the milk intakes. **Condensed skim** stocks are in balance with the need of purchasers. Market conditions are stable. **Cream** supplies are tighter than last year at this period, but remain available to customers. Ice cream and other Class II producers continue to take on good volumes of cream for their daily production. However, according to industry contacts, several customers are resisting higher cream prices. Ice cream sales are also softer in some areas because of mild temperatures. Cream multiples for all Classes are 1.09-1.25.

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

Multiples Range - All Classes: 1.0900 - 1.2500

CONTINUED FROM PAGE 4

National Retail Report Dairy – Fluid Milk Summary

Advertised Prices at Major Retail Supermarket Outlets ending during the period of 5/24/2019 to 5/30/2019

Half Gallon, All Fat Tests National	Weighted Average Price		
	This Period	Last Week	Last Year
Organic	\$4.26	\$4.62	\$4.01
Conventional	\$2.86	\$2.12	\$2.19

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	\$3.69	\$3.69	\$3.69
Midwest	n.a.	n.a.	n.a.
Northeast	\$4.49	\$4.49	\$4.49
Northwest	\$0.99	\$0.99	\$0.99
South Central	n.a.	n.a.	n.a.
Southeast	n.a.	n.a.	n.a.
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	\$4.60	\$3.99	\$5.99
Northwest	\$3.99	\$3.99	\$3.99
South Central	\$4.29	\$4.29	\$4.29
Southeast	\$3.95	\$3.50	\$4.29
Southwest	n.a.	n.a.	n.a.

Gallon, All Fat Tests National	Weighted Average Price		
	This Period	Last Week	Last Year
Organic	\$6.08	\$6.99	\$5.06
Conventional	\$2.80	\$2.91	\$2.81

Regional (Conventional)	Wtd. Ave.	Low	High
Alaska	n.a.	n.a.	n.a.
Hawaii	\$4.99	\$4.99	\$4.99
Midwest	\$2.58	\$1.79	\$2.99
Northeast	n.a.	n.a.	n.a.
Northwest	n.a.	n.a.	n.a.
South Central	\$2.89	\$2.89	\$2.89
Southeast	n.a.	n.a.	n.a.
Southwest	\$2.78	\$2.65	\$2.98

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	\$7.99	\$7.99	\$7.99
Northwest	\$5.00	\$5.00	\$5.00
South Central	n.a.	n.a.	n.a.
Southeast	n.a.	n.a.	n.a.
Southwest	n.a.	n.a.	n.a.

NONFAT DRY MILK, BUTTERMILK & WHOLE MILK

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

NONFAT DRY MILK - CENTRAL AND EAST

CENTRAL: Low/medium heat nonfat dry milk (NDM) prices rose slightly on the bottom of the range, but held steady everywhere else on a quiet, post-holiday trading week. NDM producers are keeping offers at the top of the range and are still finding some business there, but not as much as previous weeks. NDM production and inventories are generally steady week over week. High heat NDM trading was quiet, as prices held steady there. The NDM market tones are steady, if not slightly bearish. High heat NDM is moving primarily through contracts.

EAST: Low/medium heat nonfat dry milk (NDM) prices increased on the bottom of the range. All other prices are steady on the price series this week. production is active in the East, but less vigorous in some areas than others. Manufacturers' supplies are stable to somewhat limited. A few traders have been willing to purchase spot loads at premium prices. Currently, demand is somewhat quiet during this holiday trading week. High heat nonfat dry milk prices are unchanged on light trading. Drying time is limited as the majority of run time is focused on low/medium heat NDM. Market conditions are steady.

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

Price Range - Low & Medium Heat; \$/LB: 1.0000 - 1.0900

Mostly Range - Low & Medium Heat; \$/LB: 1.0200 - 1.0600

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: 1.1500 - 1.2000

NONFAT DRY MILK - WEST

This week, western low/medium heat nonfat dry milk (NDM) free on board cash values are mixed on the range, but are slightly lower on the mostly series. Although NDM spot prices fell a bit, the market tone is generally stable, according to several industry contacts. During this shortened holiday week, the NDM trading activity has been slower compared to the previous couple of weeks. NDM demands from cheese makers, confectioners, and bakers are healthy, while NDM supplies are still enough to meet most of these processing needs. Low/medium heat NDM production has been slightly down after the past holiday-weekend active drying schedules for condensed skim milk. Meanwhile, high heat nonfat dry milk prices are steady to slightly down on very light trading. Sales in the regional spot market are limited as inventories are committed on fulfilling current Q2 contracts.

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: 0.9975 - 1.1000

Mostly Range - Low & Medium Heat; \$/LB: 1.0200 - 1.0600

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: 1.1500 - 1.2575

DRY BUTTERMILK - CENTRAL AND EAST

CENTRAL: Buttermilk powder prices held steady on a steady, if not slightly slower, trading week. Buttermilk powder production remains slow, as condensed buttermilk loads are quicker/easier to move, and nonfat dry milk production remains the focus of processors while markets are relatively healthy. That said, demand remained steady week over week, and supplies remain slim. Buttermilk powder market tones are unwavering of late, and expectations are unchanged for the near-future.

EAST: Spot prices are steady on the price range this week. Dry buttermilk production schedules are limited in many plants. Supplies are mainly in balance with current demand. Some Eastern traders are searching for spot loads in other regions to fulfill their customers' needs. The market tone is fairly unchanged.

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

Price Range ; \$/LB: 1.0000 - 1.0900

DRY BUTTERMILK - WEST

Western dry buttermilk f.o.b. spot prices are mostly steady on light trading. Drying schedules for condensed buttermilk are limited as several manufacturers are focused on SMP/NDM production. Furthermore, considerable amounts of condensed buttermilk are clearing into Class II plants, especially ice cream/frozen dessert. That said, the regional dry butter market remains in a bullish state, as buyers' demands are outstripping manufacturers' current offers.

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

Price Range ; \$/LB: 0.9600 - 1.0650

Mostly Range - ; \$/LB: 1.0000 - 1.0400

DRY WHOLE MILK - U.S.

During this shortened holiday week, the national dry whole milk f.o.b. spot prices held steady. The trading activity is light as supplies remain very tight, highly committed for Q2/Q3 contracts. The market undertone continues being firm with healthy interest from the confectionery sector. Spot offers from manufacturers are limited and, in some instances, can be found priced at 1 to 5 cents above the top of the price range. Nevertheless, there are still no transactions made at these offered prices. Dry whole milk production is intermittent, mostly driven by contractual needs.

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

Price Range - 26% Butterfat; \$/LB: 1.6500 - 1.7100

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

The dry whey price range in the Central region expanded slightly in the region. Overall, trading was fairly slow this week, but more end users are taking advantage of offers in the low \$.30s. Dry whey production is picking up, as cheese producers have started seeing demand gains. Some producers suggested 7-day workweeks again, although compared to last year the production schedules are slower. Inventories are available, and end users have been getting calls for weeks. Dry whey market tones are still reeling from the Swine Flu epidemic, among other trade issues. Animal feed whey prices are unchanged, as trading was slow.

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: .2500 - .2900

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: .3000 - .4050

DRY WHEY- NORTHEAST

Dry whey prices have decreased on the top of the price range in the region. Dairy contacts report additional offers on the spot market. However, buyers have been sluggish with trades on various market exchanges. In general, many market participants are purchasing spots around the same price range. There are some reports ice cream manufacturers are requesting more dry whey loads. Also, some operations relay regular contracts continue to receive weekly loads. Drying time is active in plants and inventories are advancing. Market conditions are currently weak.

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: .3200 - .4150

DRY WHEY- WEST

In the West, there was a slight increase in dry whey prices at the bottom of the range despite continuous uncertainty in market conditions. The mostly price series range hasn't changed from a week ago. Dry whey is moving well through contractual sales, but spot interest is low. While domestic sales are flat, an improvement in international demand occurred because some global buyers are requesting more loads than usual. The inventories of dry whey are increasing, but continue to be manageable. Outputs are unchanged from a week ago.

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey
Price Range - Non-Hygroscopic; \$/LB: .3000 - .4500
Mostly Range - Non-Hygroscopic; \$/LB: .3200 - .4000

WHEY PROTEIN CONCENTRATE

While prices for whey protein concentrate 34% are largely steady, the top of the price range moved higher. WPC34% production is generally stable. Industry contacts report demand for WPC34% ranges from somewhat stagnant to active, with a few buyers seeking to assure coverage with additional loads. The recent price increase for other protein sources has given support to WPC34% prices as well, but it is still unclear to what extent. Inventories remain tight

across the industry, especially for those brands that meet tight end user specifications. WPC34% that is more interchangeable with other protein sources is more widely available.

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: .7500 - 1.0750
Mostly Range - 34% Protein; \$/LB: .8500 - .9775

LACTOSE

Lactose prices slipped at the top of the mostly prices series and edged slightly higher at the bottom of the range. The market tone for lactose is a little unsettled as manufacturers and end users begin work on Q3 contracts. On one hand, industry contacts relay EU lactose stocks and domestic inventories for 200 mesh and favorite brands are tight. In addition, demand for lactose in some confectionery and standardization markets appears to be stable to active. However, ongoing struggles within Southeast Asia are causing a backup of lactose with some manufacturers. Some processors have been willing to clear large volumes of lactose at discounted prices in order to keep lactose moving and avoid any surplus at their facilities. Lactose production is steady.

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 - .4800
Mostly Range - Non Pharmaceutical; \$/LB: .2500 - .4000

CASEIN

Acid and rennet casein prices are steady. Holidays in several EU countries this week have contributed to slowed purchasing there. In New Zealand, production volumes are quite low from the peak of the season.

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: 3.1225-3.2450
Rennet; Price Range - \$/LB: 3.1225-3.2750

Secondary Sourced Information:

Casein exports from New Zealand during January-April 2019, 22,000 MT, increased 7.3 percent from January-April 2018 according to CLAL data made available to USDA. The four primary destinations, percent change January-April 2019/2018, and quantity, are shown in the following table.

Country	% Change Jan.-Apr. Jan.-Apr. 2019	
	2019/2018	Quantity MT
United States	-13.8	6,321
Mexico	+40.1	4,010
Germany	+197.0	3,113
China	+7.2	1,674

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>
05/11/2019	57.8	1,250.0	55.3	1,190.5

WEBSITE: http://www.ams.usda.gov/mnreports/sj_ls714.txt

SOURCE: The slaughter data are gathered and tabulated in a cooperative effort by the Agricultural Marketing Service, the Food Safety and Inspection Service, and the National Agricultural Statistics Service, all of USDA

CLASS III MILK PRICES (3.5% Butterfat)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	21.15	23.35	23.33	24.31	22.57	21.36	21.60	22.25	24.60	23.82	21.94	17.82
2015	16.18	15.46	15.56	15.81	16.19	16.72	16.33	16.27	15.82	15.46	15.30	14.44
2016	13.72	13.80	13.74	13.63	12.76	13.22	15.24	16.91	16.39	14.82	16.76	17.40
2017	16.77	16.88	15.81	15.22	15.57	16.44	15.45	16.57	16.36	16.69	16.88	15.44
2018	14.00	13.40	14.22	14.47	15.18	15.21	14.10	14.95	16.09	15.53	14.44	13.78

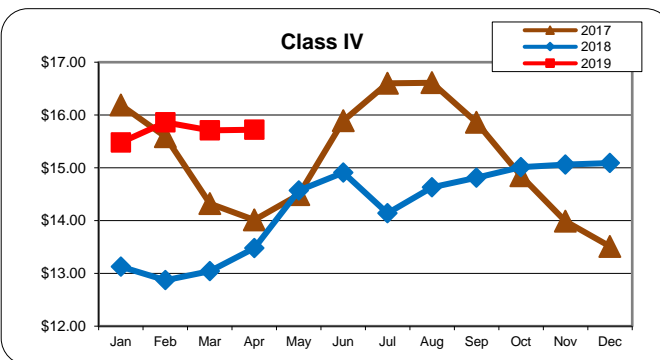
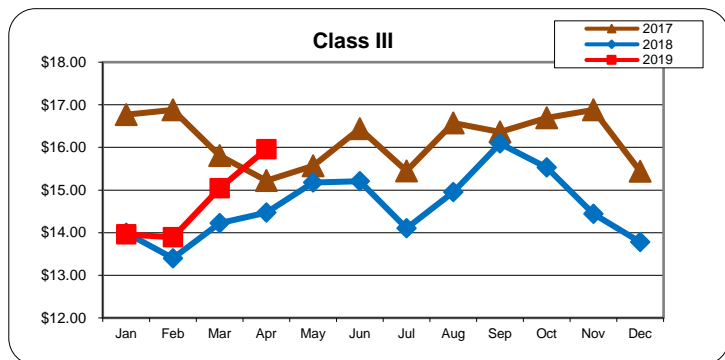
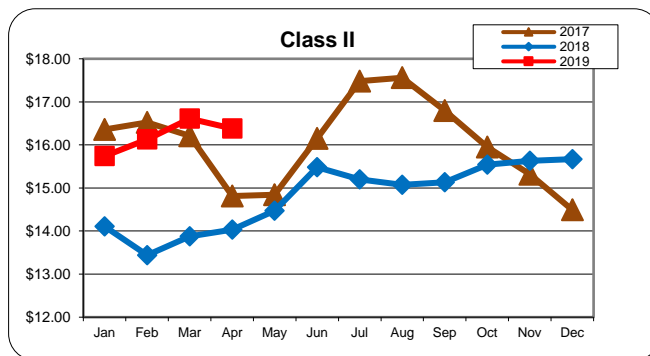
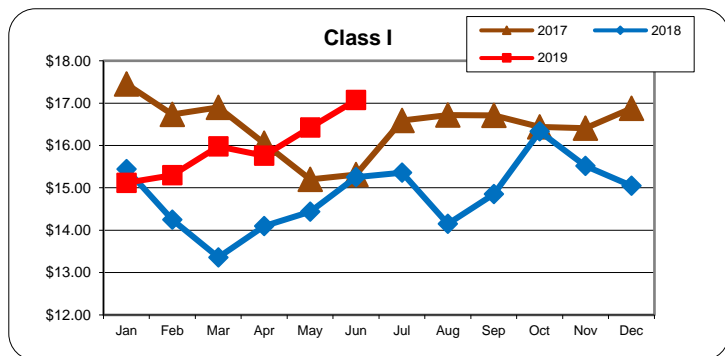
CLASS IV MILK PRICES (3.5% Butterfat)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	22.29	23.46	23.66	23.34	22.65	23.13	23.78	23.89	22.58	21.35	18.21	16.70
2015	13.23	13.82	13.80	13.51	13.91	13.90	13.15	12.90	15.08	16.43	16.89	15.52
2016	13.31	13.49	12.74	12.68	13.09	13.77	14.84	14.65	14.25	13.66	13.76	14.97
2017	16.19	15.59	14.32	14.01	14.49	15.89	16.60	16.61	15.86	14.85	13.99	13.51
2018	13.13	12.87	13.04	13.48	14.57	14.91	14.14	14.63	14.81	15.01	15.06	15.09

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

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I 1/	15.12	15.30	15.98	15.76	16.42	17.07						
II	15.74	16.13	16.61	16.38								
III	13.96	13.89	15.04	15.96								
IV	15.48	15.86	15.71	15.72								

1/ Specific order differentials to be added to this base price can be found by going to: www.ams.usda.gov/DairyMarketingStatistics; then select “Prices”; and then select “Principal Pricing Points.”



ORGANIC DAIRY MARKET NEWS

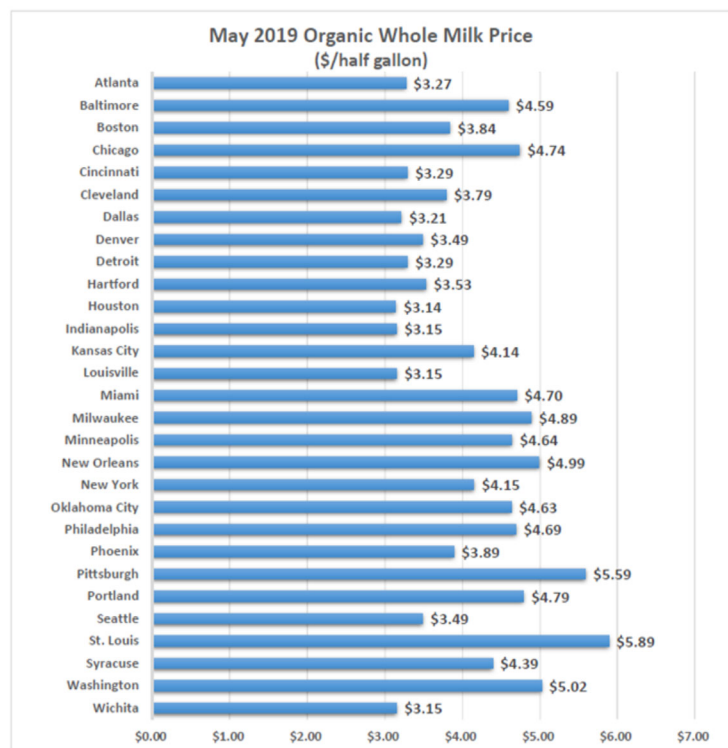
Information gathered May 20 - 31, 2019

ORGANIC DAIRY FLUID OVERVIEW

New England Organic Milk Sales and Sourcing. Federal Milk Market Order 1 in New England reports utilization of types of organic milk by pool plants. In April 2019, organic whole milk utilization totaled 11.9 million pounds, down from 14.9 million pounds one year earlier. The April 2019 butterfat content was 3.27 percent, a decline from 3.28 percent in 2018. Organic reduced fat milk utilization for April this year, 15.3 million pounds, was down from 18.1 million pounds one year earlier. The butterfat content was reported 1.31 percent, down from 1.32 percent the previous year.

Retail Organic Milk Prices for Selected U.S. Cities. The May 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, range from \$3.14 in Houston, TX. to \$5.89 in St. Louis, MO. The U.S. average price for May is \$4.12. The biggest price increase for organic whole milk half gallon, over the previous month, occurred in Washington, DC, up \$0.88, while the largest decrease in price was reported in Baltimore, MD, down \$0.30 in May.

The graph below displays May 2019 price per half gallon of organic whole milk for each of the 29 cities surveyed.

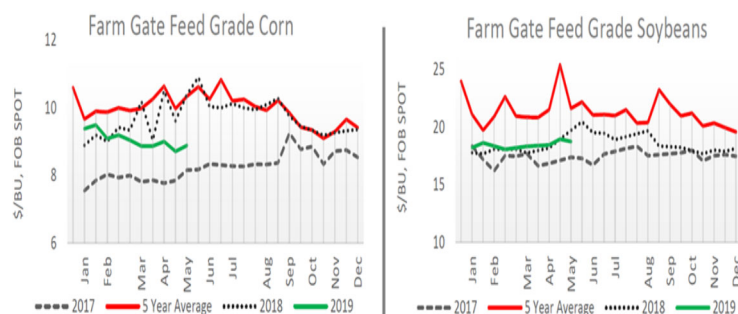


Organic Milk Pay Prices in Europe. According to CLAL, the average March 2019 organic milk farm price in Germany was 47.63 euros/100lt (\$53.06 USD), 2.40 percent lower than a year earlier and down 0.04 percent from February. In France, the average March organic milk farm price was 45.60 euros/100lt (\$50.79 USD), 0.19 percent below the previous year and 1.08 percent less than the previous month. In Austria, 44.27 euros/100lt (\$49.31 USD) was the average March organic milk farm price, unchanged from the previous year, but down 0.11 percent compared to last month. Bavaria, an important milk producing region of Germany, reported an average March organic milk price of 47.96 euros/100lt (\$53.42 USD), 3.27 percent less than one year earlier, but 0.04 percent above the previous month.

ORGANIC GRAIN FEEDSTUFF OVERVIEW

USDA Announces Farmer Support. The Market Facilitation Program (MFP) for 2019, will provide \$14.5 billion in direct payments to farmers. The program has been expanded to cover a range of feed crops and agricultural products. Feed crops that will be covered in the program includes alfalfa hay, barley, canola, corn, sorghum, soybeans and wheat. Additionally, a \$1.4 billion Food Purchase and Distribution Program (FPDP) to purchase commodities that includes milk for distribution by the Food and Nutrition Service (FNS).

Organic Grain and Feed Market. Markets participants report lackluster trading on light post-holiday demand for all organic grains. Feed grade corn traded 17 cents higher, with the bulk of activity centered around f.o.b. spot sales of old crop. Most farmers are behind on new crop planting in regions affected by wet weather. Feed grade soybeans traded 20 cents lower in the spot market. Transactions for feed grade wheat was limited. Soybean meal traded between 840.00 and 870.00 per ton, crusher f.o.b. price.



Grower FOB Farm Gate Organic Grain								
Spot Transactions			Forward Contracts			Cash Bids		
Feed Grade	Unit	Price Range	Avg.	Change	Prior Year	Price Range	Delivery Period	Price Range
Yellow Corn	\$/bu	8.25 - 9.75	8.88	0.17	10.39	N/A - N/A	N/A - N/A	8.50 - 9.00
Soybeans	\$/bu	18.00 - 19.00	18.74	-0.20	N/A	N/A - N/A	N/A - N/A	18.00 - 19.00
Wheat	\$/bu	N/A - N/A	N/A	N/A	N/A	N/A - N/A	N/A - N/A	8.00 - 8.50
Oats	\$/bu	N/A - N/A	N/A	N/A	N/A	N/A - N/A	N/A - N/A	4.00 - 4.00
Barley	\$/bu	N/A - N/A	N/A	N/A	N/A	N/A - N/A	N/A - N/A	7.50 - 7.50

For more additional information, access the link:
<https://www.ams.usda.gov/mnreports/lbmnof.pdf>

ORGANIC DAIRY RETAIL OVERVIEW

Total organic advertisements grew 54 percent for surveyed retail stores across the country. Regionally, the Northeast, Southeast, and South Central show hikes in retail advertisement volume of 16 percent, 118 percent and 80 percent this week, respectively. Driving retail ad volume were 32 ounce organic Greek yogurt, and half gallon organic milk. Yogurt ads were 23 times higher, and milk ads increased 43 percent.

Ads by the main organic dairy commodity groups, show organic cheese ads dipped 32 percent, organic milk ads grew 41 percent, while organic yogurt ads increased 229 percent. As well, the average price for 32 ounce Greek yogurt plunged \$3.39. Organic milk premium, the difference between half gallon organic and conventional milk prices, \$2.36, is down 36 cents from last week's organic - premium.

-CONTINUED ON PAGE 8A-

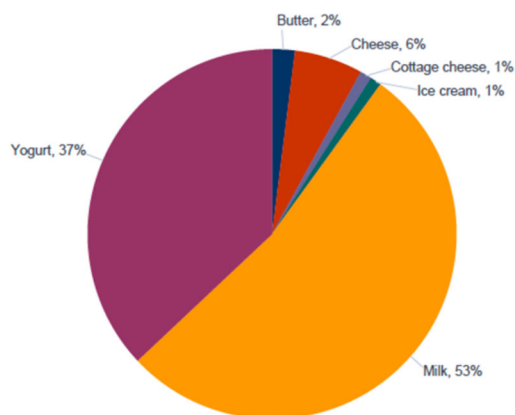
ORGANIC DAIRY MARKET NEWS

Information gathered May 20 - 31, 2019

-CONTINUED FROM PAGE 8-

As a percentage of total organic ads by commodity, milk led the charge, 53 percent, followed by yogurt at 37 percent. The weekly percentages of all advertised organic dairy products, gathered from the weekly retail survey, are presented in the pie chart below.

Percentage of Total Organic Ads by Commodity



Data source: USDA Dairy Market News

Advertising information presented is compiled from nearly 23,000 surveyed newspaper supermarket ads. Prices are valid from May 31-June 6, 2019. Retail survey ads reflect "advertised specials" and not the range of non-advertised supermarket cooler prices.

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

NATIONAL RETAIL ORGANIC DAIRY WEIGHTED AVERAGE ADVERTISED PRICE

Commodity	This Week	Last Week	Last Year
Butter	\$5.29	\$5.49	\$4.99
Milk			
Half Gal.	\$3.90	\$4.26	\$3.92
Gal.	\$5.99	\$6.08	\$5.40
8 oz.UHT	\$1.00	n.a.	n.a.
Yogurt			
4-6 oz. Greek	n.a.	n.a.	\$1.00
32 oz. Greek	\$3.60	\$6.99	\$3.43
4-6 oz. Yogurt	\$0.58	\$0.58	\$1.05
32 oz. Yogurt	\$3.12	\$3.80	\$3.74

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

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

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

DIRECT TO CONSUMER ORGANIC DAIRY PRODUCTS PRICES

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

BUTTER Commodity	Type	Pack Size	: Organic : Price Range\$
Organic Butter		1 lb	: 13.45 -
Organic Butter		8 oz	: 4.75 - 10.00
CHEESE Commodity	Type	Pack Size	: Organic : Price Range\$
Organic Cheese	Cheddar - 10 year	8 oz	: 11.00 -
Organic Cheese	Cheddar - 11-14 year	8 oz	: 14.00 -
Organic Cheese	Cheddar - 2-4 year	8 oz	: 5.73 - 6.93
Organic Cheese	Cheddar - 5-9 year	8 oz	: 8.50 -
Organic Cheese	Cheddar - Medium	8 oz	: 4.52 - 8.00
Organic Cheese	Cheddar - Mild	8 oz	: 4.14 - 8.50
Organic Cheese	Cheddar - Sharp	8 oz	: 4.95 - 12.00
Organic Cheese	Colby	8 oz	: 5.25 - 8.00
Organic Cheese	Farmers	8 oz	: 4.00 - 6.00
Organic Cheese	Gouda	8 oz	: 12.00 -
Organic Cheese	Monterey Jack	8 oz	: 5.25 - 8.00
Organic Cheese	Mozzarella	8 oz	: 4.50 - 12.50
Organic Cheese	Muenster	8 oz	: 6.00 -
Organic Cheese	Pepper Jack	8 oz	: 12.50 -
Organic Cheese	Curds	Per Lb	: 6.80 - 12.00

Information for the period May 20 - 31, 2019, issued monthly.

Annual Milk Marketings by Producers and Cash Receipts from Marketings, by State, 2018

State	Milk Marketed by Producers		Cash Receipts from Marketings	
	Quantity ¹	Fluid Grade ²	Total	Average Return ³
	(million pounds)	(percent)	(1,000 dollars)	(dollars per cwt)
AL	72.0	100	11,952	16.60
AK	2.3	100	506	22.00
AZ	4,963.0	100	769,265	15.50
AR	72.0	100	12,240	17.00
CA	40,383.0	97	6,372,437	15.78
CO	4,535.0	100	757,345	16.70
CT	424.0	100	72,504	17.10
DE	90.5	100	14,571	16.10
FL	2,375.0	100	472,625	19.90
GA	1,758.0	100	300,618	17.10
HI	33.8	100	9,464	28.00
ID	15,115.0	100	2,373,055	15.70
IL	1,866.0	98	307,890	16.50
IN	4,134.0	100	649,038	15.70
IA	5,251.0	100	866,415	16.50
KS	3,693.0	100	565,029	15.30
KY	1,002.0	100	175,350	17.50
LA	149.0	100	25,628	17.20
ME	614.0	100	111,134	18.10
MD	917.0	100	148,554	16.20
MA	200.0	100	34,800	17.40
MI	11,132.0	100	1,658,668	14.90
MN	9,769.0	99	1,611,885	16.50
MS	127.0	100	21,717	17.10
MO	1,173.0	97	198,237	16.90
MT	270.0	100	43,200	16.00
NE	1,433.0	100	232,146	16.20
NV	728.0	100	119,392	16.40
NH	247.0	100	41,990	17.00
NJ	108.0	100	17,496	16.20
NM	8,222.0	100	1,208,634	14.70
NY	14,825.0	100	2,475,775	16.70
NC	931.0	100	161,063	17.30
ND	330.0	98	53,460	16.20
OH	5,503.0	97	902,492	16.40
OK	718.0	100	127,804	17.80
OR	2,510.0	100	469,370	18.70
PA	10,595.0	100	1,779,960	16.80
RI	11.6	100	1,995	17.20
SC	239.0	100	41,586	17.40
SD	2,697.0	100	466,581	17.30
TN	629.0	100	109,446	17.40
TX	12,824.0	100	2,167,256	16.90
UT	2,308.0	100	371,588	16.10
VT	2,664.0	100	455,544	17.10
VA	1,625.0	100	284,375	17.50
WA	6,718.0	100	1,128,624	16.80
WV	109.0	100	17,876	16.40
WI	30,320.0	99	5,002,800	16.50
WY	140.7	100	22,934	16.30
US	216,556.0	99	35,244,314	16.28

¹ Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ² Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products. ³ Cash receipts divided by milk marketings.

Source: U.S. Department of Agriculture. National Agricultural Statistics Service. *Milk Production, Disposition, and Income 2018 Summary*, May 2019.

Milk Production, Disposition, and Income 2018

Milk production increased 1.0 percent in 2018 to 218 billion pounds. The rate per cow, at 23,149 pounds, was 235 pounds above 2017. The annual average number of milk cows on farms was 9.40 million head, down 7,000 head from 2017.

Cash receipts from marketings of milk during 2018 totaled \$35.2 billion, 7.1 percent lower than 2017. Producer returns averaged \$16.28 per hundredweight, 8.0 percent below 2017. Marketings totaled 216.6 billion pounds, 0.9 percent above 2017. Marketings include whole milk sold to plants and dealers and milk sold directly to consumers.

An estimated 1.02 billion pounds of milk were used on farms where produced, 2.6 percent more than 2017. Calves were fed 91 percent of this milk, with the remainder consumed in producer households.

Milk Cows and Production of Milk: United States, 2017-2018

Year	Number of milk cows ¹	Production of Milk ²		
		Per milk cow	All milk percent of fat	Total
		Milk		Milk
	<i>(1,000 head)</i>	<i>(pounds)</i>	<i>(percent)</i>	<i>(million pounds)</i>
2017	9,406	22,914	3.84	215,527
2018	9,399	23,149	3.89	217,575

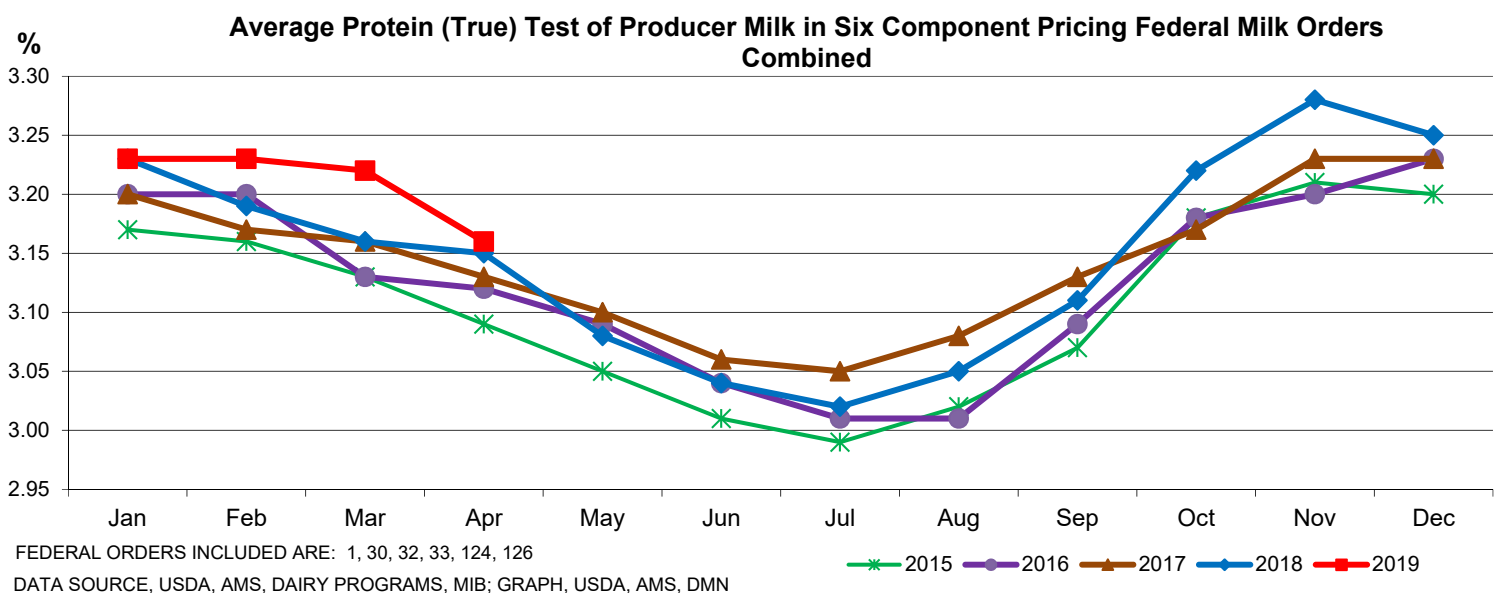
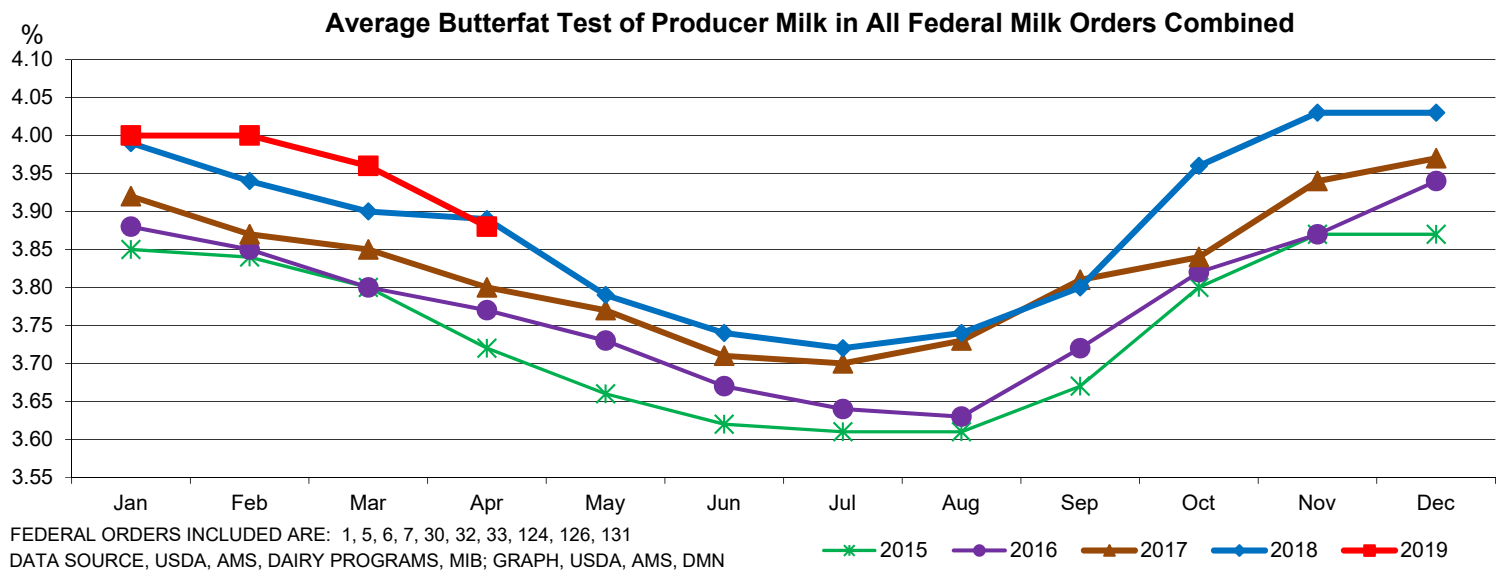
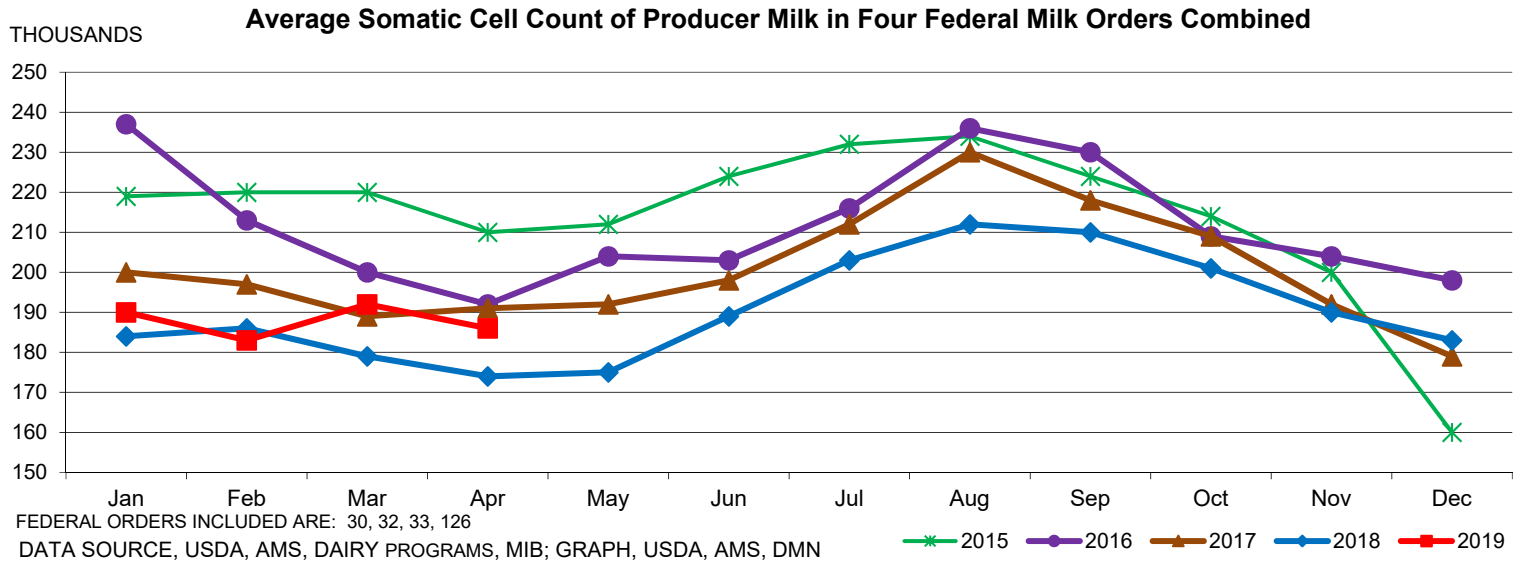
¹ Average number during year, excluding heifers not yet fresh. ² Excludes milk sucked by calves.

Milk Marketings and Income: United States, 2017-2018

Year	Combined Marketings of Milk and Cream			
	Milk marketed by producers		All milk average returns per cwt ¹	Cash receipts from marketings
	Total ²	Fluid grade ³		
	<i>(million pounds)</i>	<i>(percent)</i>	<i>(dollars)</i>	<i>(1,000 dollars)</i>
2017	214,535	99	17.69	37,940,662
2018	216,556	99	16.28	35,244,314

¹ Cash receipts divided by milk marketings. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.

Source: U.S. Department of Agriculture. National Agricultural Statistics Service. *Milk Production, Disposition, and Income 2018 Summary*, May 2019.





Dairy Market News Branch

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National Retail Report-Dairy

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Friday, May 31, 2019

Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 05/31/2019 to 06/06/2019

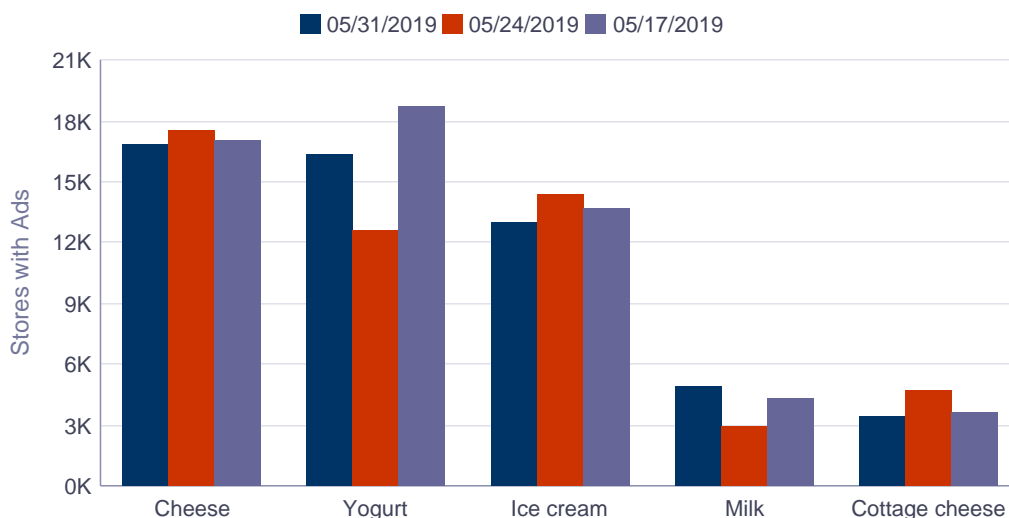
During this post-Memorial Day period, the total number of ads for conventional dairy products decreased by 9 percent but increased by 54 percent for organic dairy products. Ads for ice cream in 48-64 ounce containers, remains as the most advertised dairy item, however, declined 11 percent from the previous period. On the organic side, milk in half gallons is still the most most advertised item, increasing 43 percent week over week.

The total number of ads for conventional cheese dropped 3 percent, while for organic decreased 32 percent. The promotional price for conventional shredded cheese in 8-ounce packages is \$2.25, while for organic is \$3.50, representing an organic premium of \$1.25.

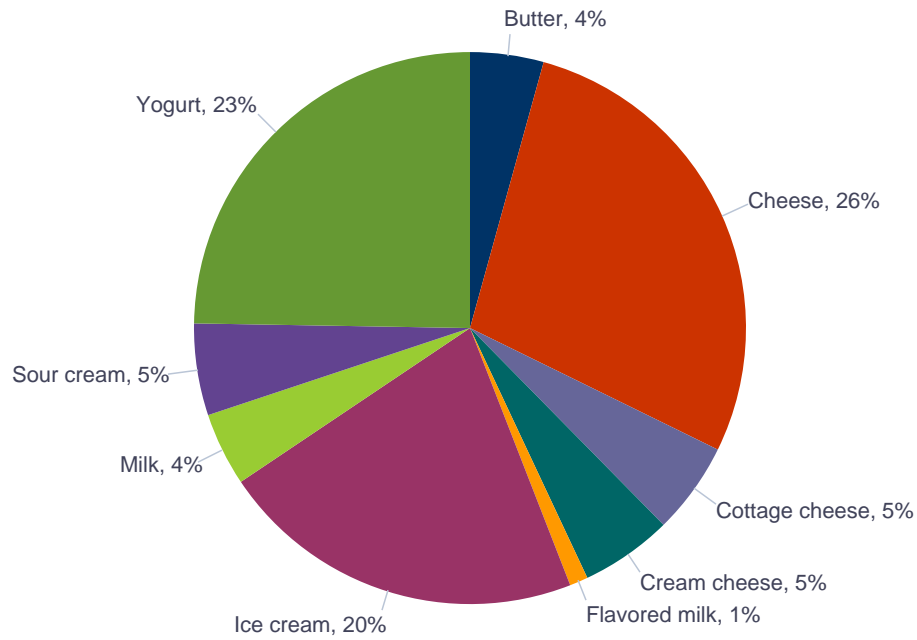
Conventional yogurt ad numbers increased 20 percent week over week, while organic yogurt noticeable raised by 229 percent. On the conventional side, the weighted average price for plain yogurt in 4-6 oz containers is \$.47, while for organic is \$.58, an organic premium of 11 cents.

Conventional milk ads increased 104 percent, in the same fashion, organic milk ads increased 41 percent. Conventional half gallon milk has a weighted average price of \$1.54, while organic half gallons averaged \$3.90, an organic premium of \$2.36.

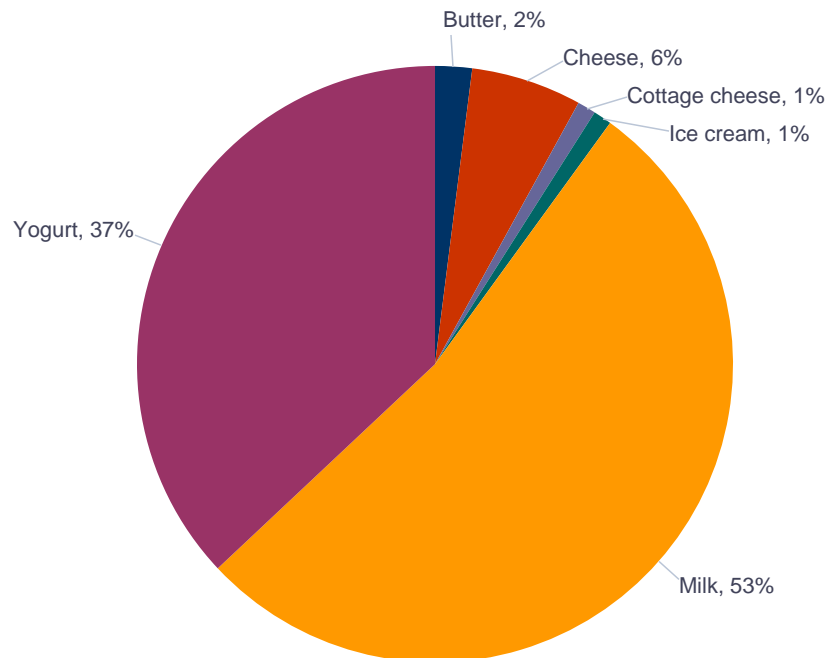
Top 5 Commodities Featured This Week



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 #	2537	3.48	2543	3.33	5468	3.33
Cheese	Natural Varieties	8 oz block	5673	2.29	7845	1.90	7002	2.39
Cheese	Natural Varieties	1 # block	1668	3.59	751	4.32	592	4.41
Cheese	Natural Varieties	2 # block	2042	5.53	474	6.50	1946	5.34
Cheese	Natural Varieties	8 oz shred	6208	2.25	7491	1.99	8137	2.34
Cheese	Natural Varieties	1 # shred	976	3.90	524	4.89	547	4.39
Cottage cheese		16 oz	3373	1.94	4704	1.94	4934	2.17
Cream cheese		8 oz	2947	1.74	5241	1.91	3540	2.09
Flavored milk	All fat tests	half gallon	161	1.99	440	1.92	458	2.24
Flavored milk	All fat tests	gallon	349	2.48	393	3.45	841	2.60
Ice cream		48-64oz	12886	2.71	14412	2.99	19323	2.98
Milk	All fat tests	half gallon	1257	1.54	237	2.86	1019	1.47
Milk	All fat tests	gallon	1016	2.38	876	2.80	3066	3.01
Sour cream		16 oz	3354	1.76	7157	1.80	5640	1.74
Yogurt	Greek	4-6 oz	4775	.92	8092	.96	10676	.96
Yogurt	Greek	32 oz	5698	3.96	1094	4.09	1012	4.29
Yogurt	Yogurt	4-6 oz	3898	.47	2080	.49	7350	.51
Yogurt	Yogurt	32 oz	133	2.44	773	2.51	965	2.42

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 #	2.50-4.99	1023	3.41	3.29	53	3.29	2.49	69	2.49
Cheese	Natural Varieties	8 oz block	1.49-3.00	2305	2.09	2.00-2.99	1571	2.63	1.29-2.99	735	2.21
Cheese	Natural Varieties	1 # block	2.99-3.99	422	3.27	3.50-3.99	561	3.94	2.49-3.49	387	2.81
Cheese	Natural Varieties	2 # block	4.99-5.99	394	5.52				5.49	586	5.49
Cheese	Natural Varieties	8 oz shred	1.49-3.00	2064	2.23	1.99-3.00	1462	2.45	1.39-2.49	1304	2.01
Cheese	Natural Varieties	1 # shred	3.33	135	3.33	3.50	53	3.50	2.49-4.99	532	3.92
Cottage cheese		16 oz	1.50-2.99	1487	2.18	1.00-2.50	378	1.40	0.99-1.99	578	1.54
Cream cheese		8 oz	1.48-2.99	1125	1.93	1.49	114	1.49	0.99-2.79	1301	1.64
Flavored milk	All fat tests	half gallon	1.99	161	1.99						
Ice cream		48-64oz	1.50-3.99	3870	2.68	1.98-3.00	2288	2.29	1.99-2.99	2538	2.65
Milk	All fat tests	half gallon				0.88	114	.88	0.88-4.49	1065	1.63
Milk	All fat tests	gallon							1.79-1.98	163	1.86
Sour cream		16 oz	1.48-2.00	1645	1.73	2.50	61	2.50	0.99-1.99	704	1.51
Yogurt	Greek	4-6 oz	0.50-1.00	2707	.91	0.88-1.00	604	.98	0.63-1.00	406	.72
Yogurt	Greek	32 oz	3.47-5.49	1124	4.48	3.47-4.99	1314	3.71	3.47-4.99	1524	4.18
Yogurt	Yogurt	4-6 oz	0.39-0.66	1685	.53	0.40-0.50	582	.46	0.39-0.50	320	.46

Wtd Avg - Simple weighted average



Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Yogurt	Yogurt	32 oz	1.99-2.99	133	2.44						

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	3.19-3.77	132	3.45	2.88-3.99	670	3.38	1.99-4.39	524	3.75
Cheese	Natural Varieties	8 oz block	1.99-2.50	192	2.13	1.77-2.99	622	2.40	1.99-2.00	190	1.99
Cheese	Natural Varieties	1 # block				3.49-5.00	298	4.39			
Cheese	Natural Varieties	2 # block	5.49-6.00	220	5.61	4.99-6.99	676	5.51	4.99-6.99	166	5.72
Cheese	Natural Varieties	8 oz shred	2.50-2.99	261	2.89	1.77-2.99	568	2.24	1.79-2.00	463	1.95
Cheese	Natural Varieties	1 # shred	2.49	78	2.49	5.00	178	5.00			
Cottage cheese		16 oz	2.00	55	2.00	1.99-2.49	369	2.08	1.67-2.49	427	1.85
Cream cheese		8 oz	1.49	195	1.49				1.49-2.00	190	1.68
Flavored milk	All fat tests	gallon				2.69	244	2.69	1.99	105	1.99
Ice cream		48-64oz	2.19-5.99	1691	3.04	2.49-4.88	1623	3.03	1.49-3.50	775	2.80
Milk	All fat tests	half gallon	1.19	78	1.19						
Milk	All fat tests	gallon	1.77-2.89	184	2.58	1.99-2.69	553	2.52	1.99	105	1.99
Sour cream		16 oz	1.79-2.00	163	1.93	1.99-2.00	307	1.99	1.67-2.00	419	1.77
Yogurt	Greek	4-6 oz	0.80-1.00	218	.92	0.88-1.25	719	.97	0.99	66	.99
Yogurt	Greek	32 oz	3.47-4.99	1106	3.58	3.47-3.50	461	3.48	3.47	130	3.47
Yogurt	Yogurt	4-6 oz	0.50	123	.50	0.33-0.49	980	.38	0.39-0.40	174	.40

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	3.50-4.49	32	4.15	4.99	34	4.99
Cheese	Natural Varieties	8 oz block				2.50	58	2.50
Cheese	Natural Varieties	8 oz shred	3.00	28	3.00	2.50	58	2.50
Cottage cheese		16 oz	2.00	21	2.00	2.50-3.50	58	3.09
Cream cheese		8 oz	1.49-2.49	22	1.99			
Ice cream		48-64oz	3.49-5.99	43	4.26	3.00-3.99	58	3.58
Milk	All fat tests	gallon	2.99	11	2.99			
Sour cream		16 oz	2.00	21	2.00	3.50	34	3.50
Yogurt	Greek	4-6 oz	1.25	21	1.25	1.00	34	1.00
Yogurt	Greek	32 oz	5.99-7.99	39	7.43			
Yogurt	Yogurt	4-6 oz				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 #	108	5.29	167	5.49	161	4.99
Cheese	Natural Varieties	8 oz block			137	4.99	275	4.82
Cheese	Natural Varieties	8 oz shred	289	3.50	289	3.50	161	3.99
Cottage cheese		16 oz	51	2.99			161	3.99
Cream cheese		8 oz			214	2.50	220	3.12
Ice cream		48-64oz	61	5.99				
Milk	All fat tests	half gallon	2419	3.90	1687	4.26	3205	3.92
Milk	All fat tests	gallon	61	5.99	164	6.08	694	5.40
Milk	All fat tests	8 oz UHT	137	1.00				
Sour cream		16 oz					161	2.99
Yogurt	Greek	4-6 oz					137	1.00
Yogurt	Greek	32 oz	1275	3.60	55	6.99	315	3.43
Yogurt	Yogurt	4-6 oz	61	.58	72	.58	979	1.05
Yogurt	Yogurt	32 oz	469	3.12	422	3.80	691	3.74

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 #	5.29	108	5.29						
Ice cream		48-64oz				5.99	61	5.99			
Milk	All fat tests	half gallon	3.29-5.49	1154	4.24	3.99	61	3.99	2.99-3.99	325	3.20
Milk	All fat tests	gallon				5.99	61	5.99			
Yogurt	Greek	32 oz	6.99	137	6.99	3.00	1083	3.00			
Yogurt	Yogurt	4-6 oz				0.58	61	.58			
Yogurt	Yogurt	32 oz				2.99-3.50	236	3.25	2.99	233	2.99

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Cheese	Natural Varieties	8 oz shred							3.50	289	3.50
Cottage cheese		16 oz	2.99	51	2.99						
Milk	All fat tests	half gallon	3.48-4.79	423	3.85	2.79	167	2.79	3.99	289	3.99

Wtd Avg - Simple weighted average



Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	8 oz UHT				1.00	137	1.00			
Yogurt	Greek	32 oz	6.99	55	6.99						

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price

REGIONAL DEFINITIONS

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

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



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Dairy Programs

Market Information Branch

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Additional Dairy Market News Information:

DMN Website: <https://www.ams.usda.gov/market-news/dairy>

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